

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142846.D
 Acq On : 25 Jun 2025 19:37
 Operator : RC/JU
 Sample : Q2386-02MS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-1-062025MS

Quant Time: Jun 26 01:19:35 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	6.881	152	84825	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	319246	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	153127	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	199589	20.000	ng	0.00
76) Chrysene-d12	14.057	240	167157	20.000	ng	0.00
86) Perylene-d12	15.545	264	193910	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	527906	103.616	ng	0.02
7) Phenol-d6	6.510	99	583845	97.131	ng	0.00
23) Nitrobenzene-d5	7.445	82	421666	72.448	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	162234	102.955	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	877910	75.316	ng	0.00
79) Terphenyl-d14	12.992	244	572296	47.305	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.816	88	62072	30.460	ng	# 82
3) Pyridine	3.534	79	138334	27.078	ng	99
4) n-Nitrosodimethylamine	3.469	42	99633	37.714	ng	97
6) Aniline	6.540	93	94620	11.830	ng	# 56
8) 2-Chlorophenol	6.663	128	211622	38.506	ng	99
9) Benzaldehyde	6.428	77	63697	17.862	ng	98
10) Phenol	6.528	94	216716	32.435	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	190846	39.964	ng	97
12) 1,3-Dichlorobenzene	6.822	146	218373	35.528	ng	99
13) 1,4-Dichlorobenzene	6.898	146	222461	35.873	ng	99
14) 1,2-Dichlorobenzene	7.045	146	216307	36.775	ng	99
15) Benzyl Alcohol	7.022	79	174537	40.165	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	285932	37.268	ng	93
17) 2-Methylphenol	7.134	107	159065	38.192	ng	99
18) Hexachloroethane	7.392	117	78117	36.014	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	141027	40.340	ng	98
20) 3+4-Methylphenols	7.287	107	201193	38.744	ng	92
22) Acetophenone	7.287	105	285224	40.515	ng	98
24) Nitrobenzene	7.463	77	206949	39.285	ng	98
25) Isophorone	7.698	82	374711	40.134	ng	100
26) 2-Nitrophenol	7.775	139	116059	40.444	ng	97
27) 2,4-Dimethylphenol	7.816	122	196444	39.520	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	238993	40.263	ng	99
29) 2,4-Dichlorophenol	8.022	162	180025	39.943	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	192442	38.830	ng	99
31) Naphthalene	8.187	128	613693	39.272	ng	100
32) Benzoic acid	7.928	122	91041	35.935	ng	99
33) 4-Chloroaniline	8.234	127	52674	8.290	ng	98
34) Hexachlorobutadiene	8.298	225	115989	38.261	ng	99
35) Caprolactam	8.598	113	39299	33.044	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	173743	38.788	ng	100
37) 2-Methylnaphthalene	8.875	142	386822	39.928	ng	99
38) 1-Methylnaphthalene	8.975	142	400689	39.954	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	194917	43.140	ng	99
41) Hexachlorocyclopentadiene	9.028	237	198872	77.562	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	125637	42.672	ng	99

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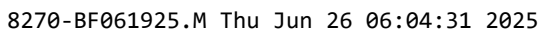
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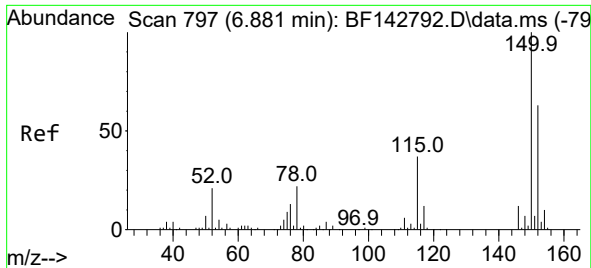
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	130600	42.138	ng	99
46) 1,1'-Biphenyl	9.339	154	523522	43.280	ng	100
47) 2-Chloronaphthalene	9.363	162	387835	42.726	ng	100
48) 2-Nitroaniline	9.463	65	104914	41.226	ng	98
49) Acenaphthylene	9.781	152	627771	42.010	ng	99
50) Dimethylphthalate	9.639	163	454797	45.884	ng	100
51) 2,6-Dinitrotoluene	9.704	165	90967	41.790	ng	98
52) Acenaphthene	9.957	154	465672	51.076	ng	100
53) 3-Nitroaniline	9.869	138	43224	18.035	ng	100
54) 2,4-Dinitrophenol	9.981	184	86869	79.700	ng	99
55) Dibenzofuran	10.128	168	565410	43.247	ng	99
56) 4-Nitrophenol	10.033	139	99355	60.555	ng	98
57) 2,4-Dinitrotoluene	10.110	165	116213	40.193	ng	98
58) Fluorene	10.469	166	445873	43.668	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	97254	38.929	ng	96
60) Diethylphthalate	10.339	149	399536	41.111	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	196132	40.255	ng	98
62) 4-Nitroaniline	10.486	138	74446	33.964	ng	96
63) Azobenzene	10.622	77	340871	39.244	ng	97
65) 4,6-Dinitro-2-methylph...	10.516	198	53672	44.458	ng	94
66) n-Nitrosodiphenylamine	10.580	169	338125	48.881	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	111816	49.225	ng	98
68) Hexachlorobenzene	11.016	284	117094	46.392	ng	98
69) Atrazine	11.104	200	83896	46.967	ng	99
70) Pentachlorophenol	11.216	266	108315	86.120	ng	98
71) Phenanthrene	11.433	178	530012	49.022	ng	99
72) Anthracene	11.486	178	479098	43.207	ng	100
73) Carbazole	11.639	167	402625	42.077	ng	100
74) Di-n-butylphthalate	11.963	149	468710	47.020	ng	100
75) Fluoranthene	12.622	202	424565	41.377	ng	100
77) Benzidine	12.745	184	44523	7.089	ng	99
78) Pyrene	12.851	202	421762	26.918	ng	99
80) Butylbenzylphthalate	13.469	149	190044	41.814	ng	96
81) Benzo(a)anthracene	14.045	228	490466	43.494	ng	100
82) 3,3'-Dichlorobenzidine	14.004	252	91005	24.881	ng	100
83) Chrysene	14.080	228	445251	44.249	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	293202	44.838	ng	99
85) Di-n-octyl phthalate	14.639	149	563926	45.734	ng	99
87) Indeno(1,2,3-cd)pyrene	17.051	276	359693	24.353	ng	99
88) Benzo(b)fluoranthene	15.110	252	532234	47.434	ng	99
89) Benzo(k)fluoranthene	15.139	252	492400	46.906	ng	99
90) Benzo(a)pyrene	15.486	252	487980	45.018	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	295257	24.603	ng	98
92) Benzo(g,h,i)perylene	17.504	276	257767	21.540	ng	99

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

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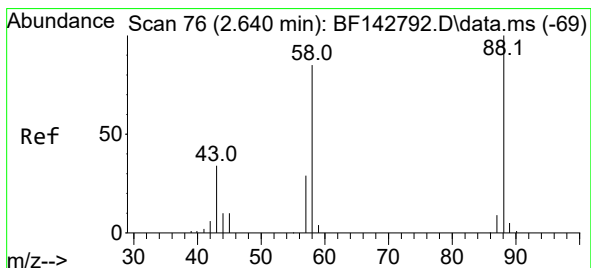
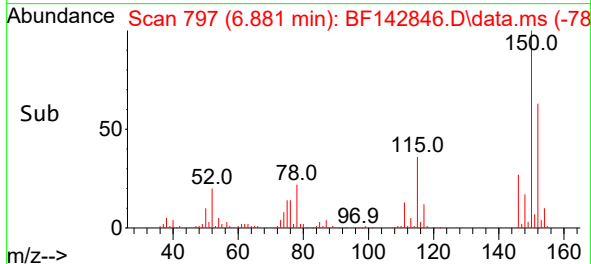
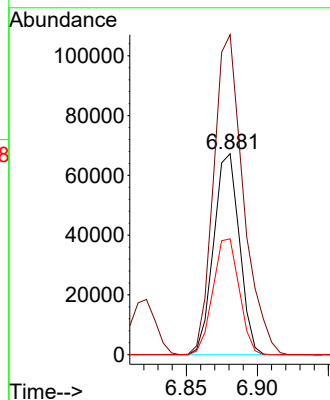
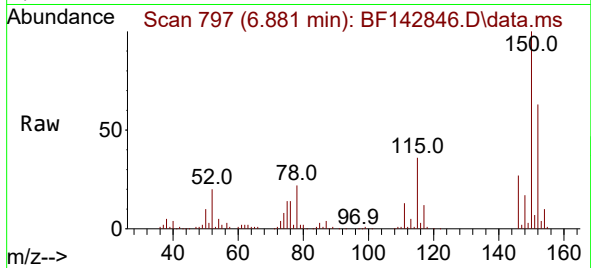




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

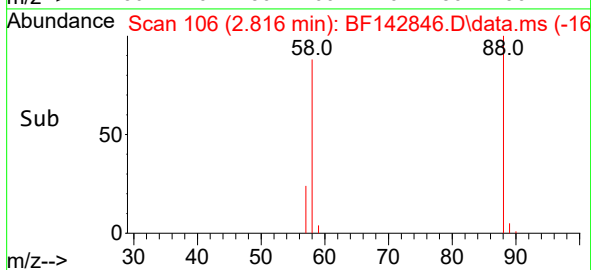
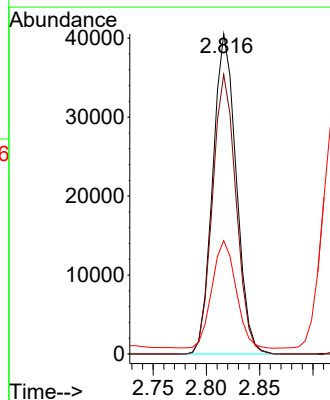
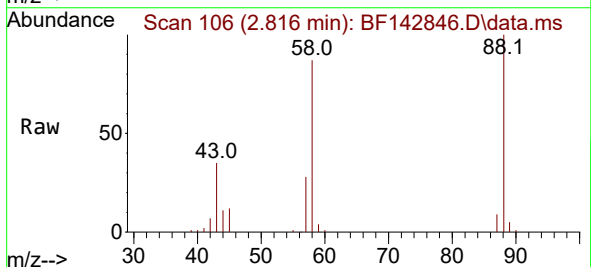
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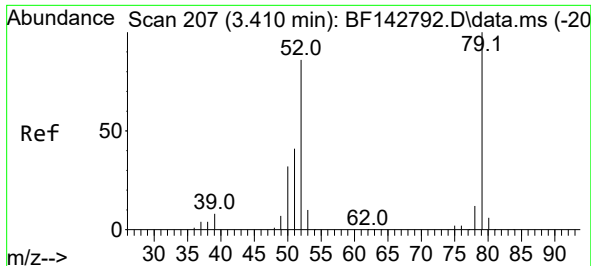
Tgt Ion:152 Resp: 84825
 Ion Ratio Lower Upper
 152 100
 150 159.2 127.2 190.8
 115 57.6 46.6 69.8



#2
 1,4-Dioxane
 Concen: 30.460 ng
 RT: 2.816 min Scan# 106
 Delta R.T. 0.177 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

Tgt Ion: 88 Resp: 62072
 Ion Ratio Lower Upper
 88 100
 58 87.9 69.1 103.7
 43 0.0 27.4 41.2#





#3

Pyridine

Concen: 27.078 ng

RT: 3.534 min Scan# 21

Delta R.T. 0.124 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

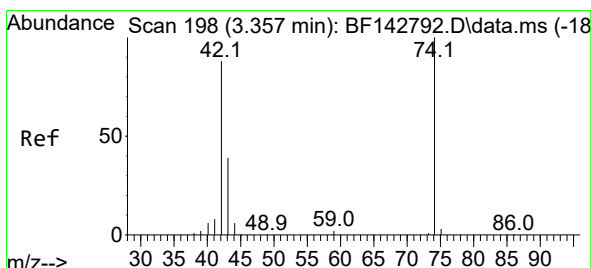
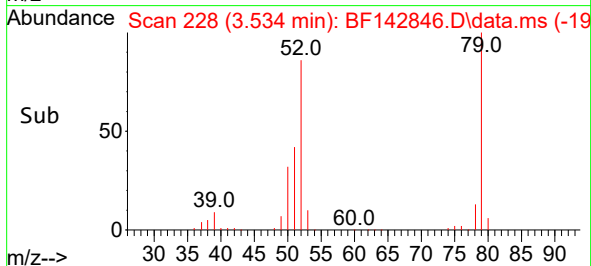
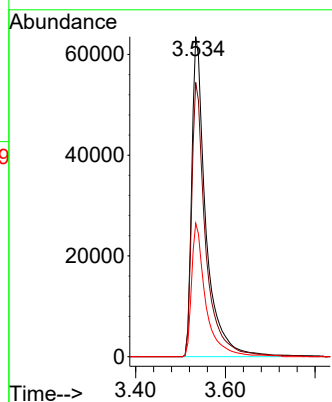
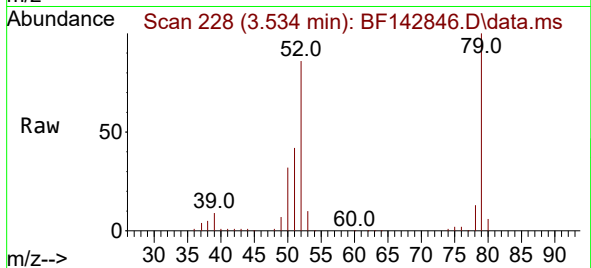
Tgt Ion: 79 Resp: 138334

Ion Ratio Lower Upper

79 100

52 85.7 69.2 103.8

51 41.7 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 37.714 ng

RT: 3.469 min Scan# 217

Delta R.T. 0.112 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

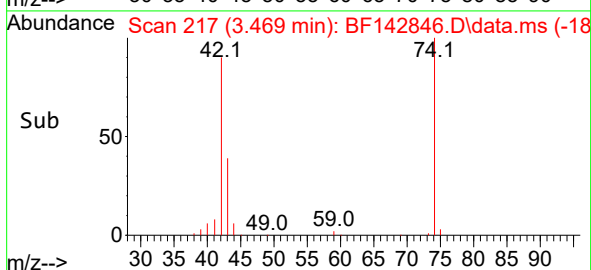
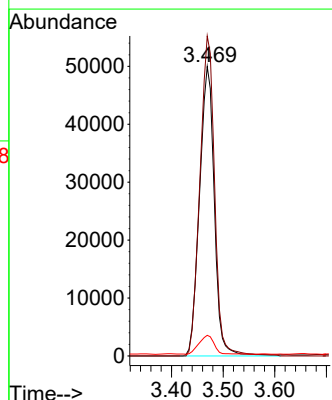
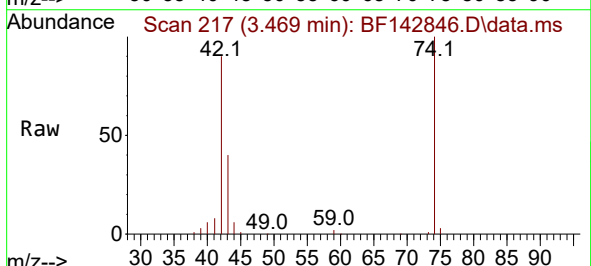
Tgt Ion: 42 Resp: 99633

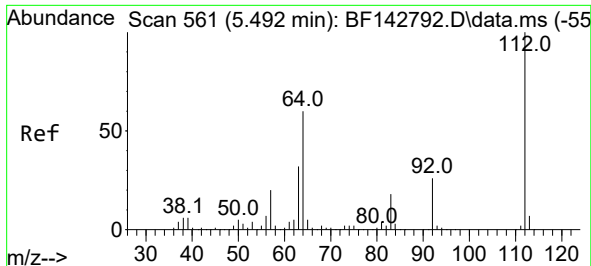
Ion Ratio Lower Upper

42 100

74 110.6 90.9 136.3

44 7.1 5.8 8.6

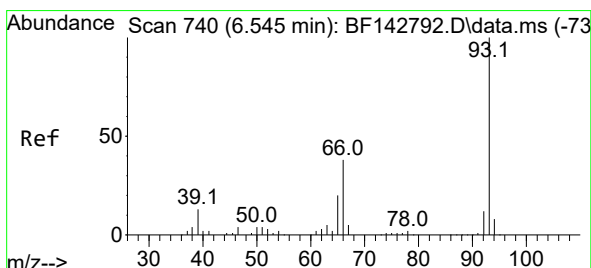
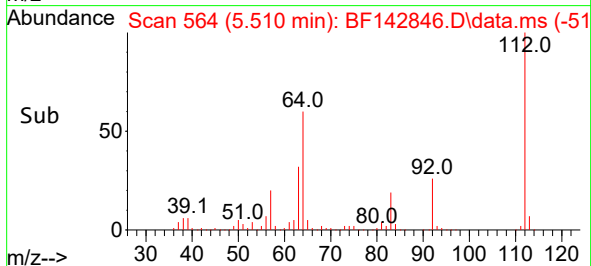
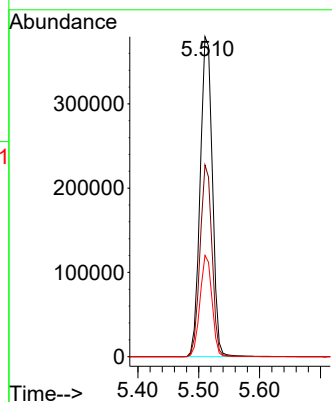
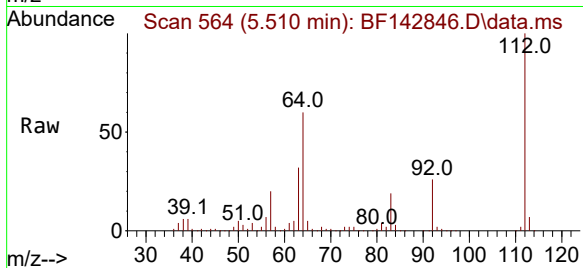




#5
2-Fluorophenol
Concen: 103.616 ng
RT: 5.510 min Scan# 501
Delta R.T. 0.018 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

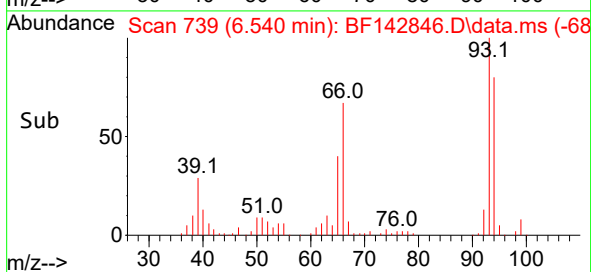
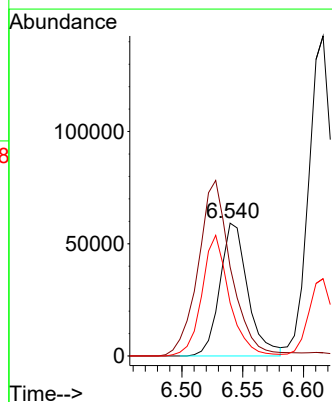
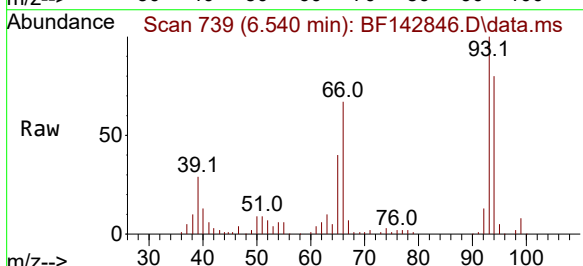
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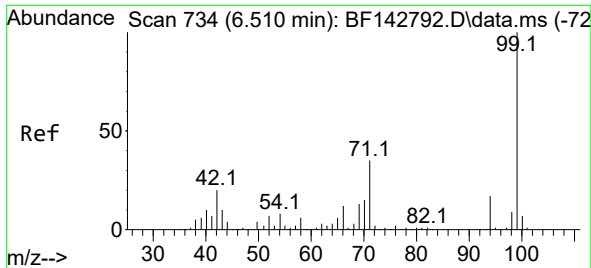
Tgt Ion:112 Resp: 527906
Ion Ratio Lower Upper
112 100
64 59.9 48.2 72.2
63 31.6 25.7 38.5



#6
Aniline
Concen: 11.830 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion: 93 Resp: 94620
Ion Ratio Lower Upper
93 100
66 67.0 31.8 47.6#
65 40.0 16.2 24.2#

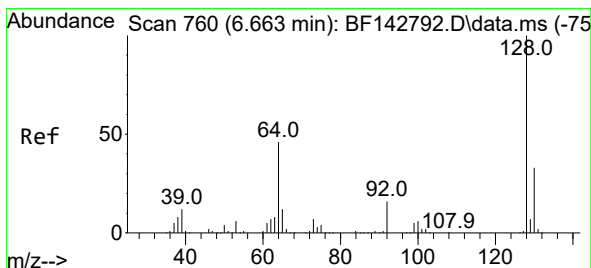
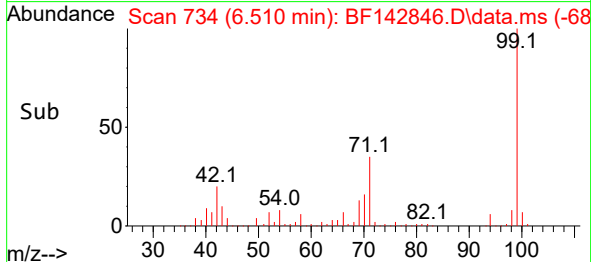
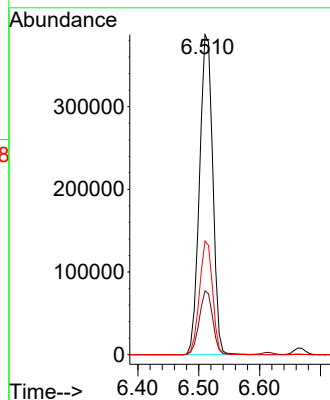
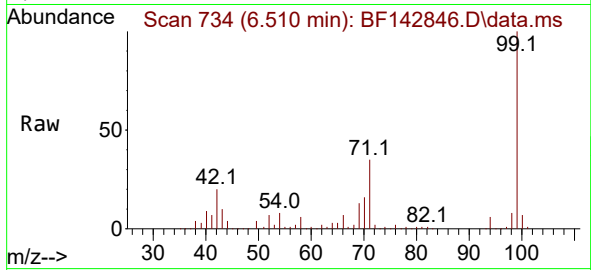




#7
Phenol-d6
Concen: 97.131 ng
RT: 6.510 min Scan# 710
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

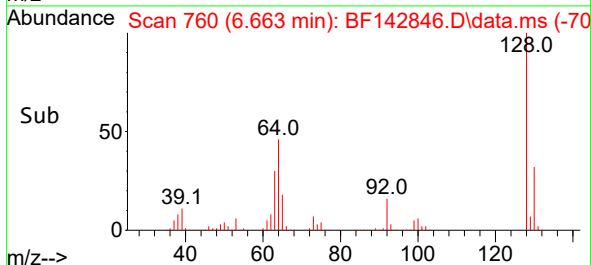
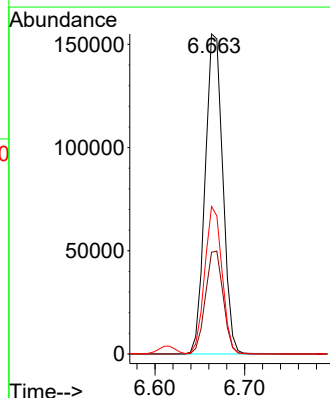
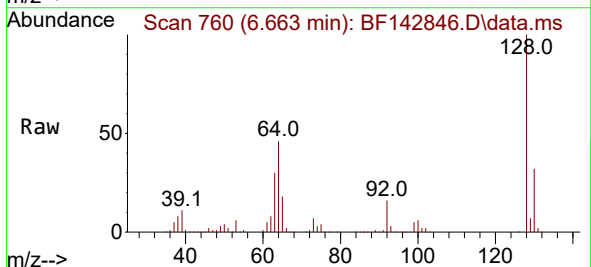
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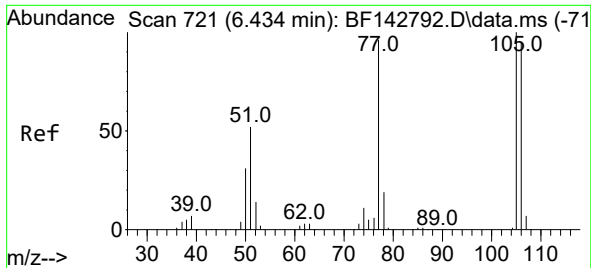
Tgt Ion: 99 Resp: 583845
Ion Ratio Lower Upper
99 100
42 19.9 15.9 23.9
71 35.5 27.8 41.8



#8
2-Chlorophenol
Concen: 38.506 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:128 Resp: 211622
Ion Ratio Lower Upper
128 100
130 31.8 12.7 52.7
64 46.1 26.5 66.5

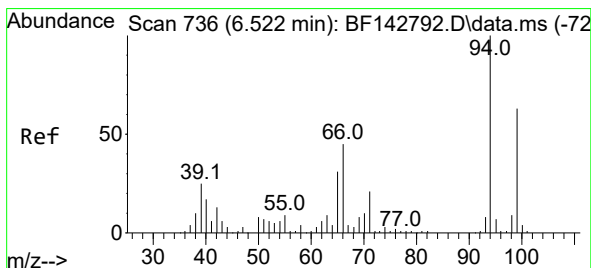
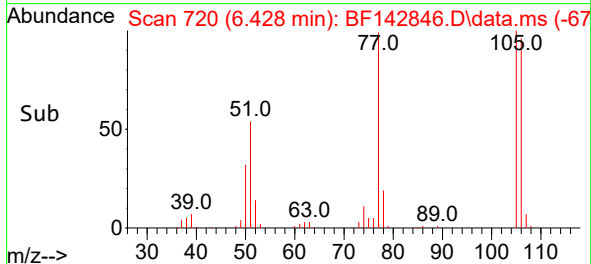
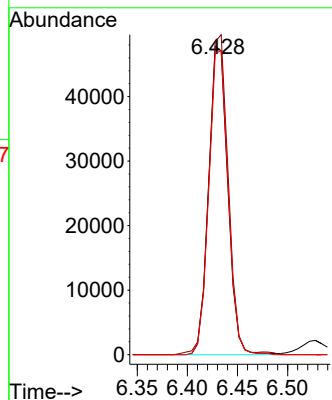
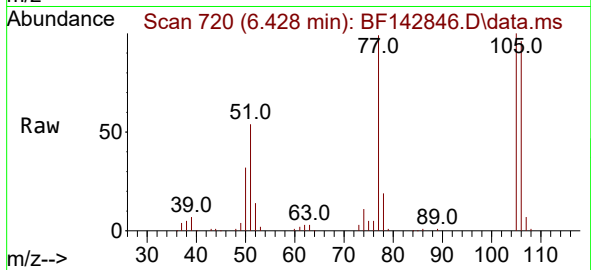




#9
Benzaldehyde
Concen: 17.862 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

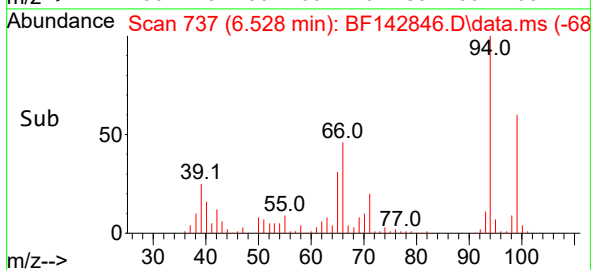
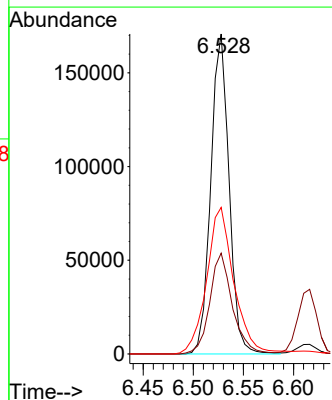
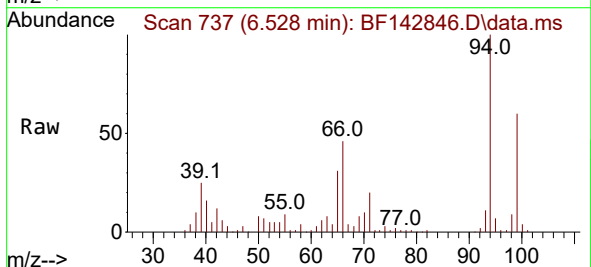
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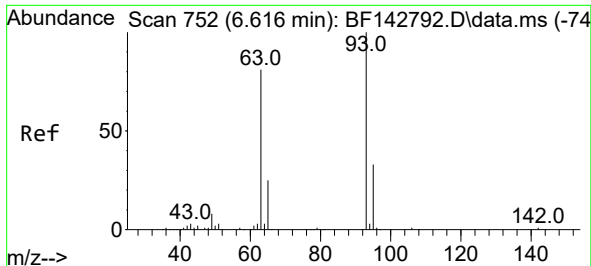
Tgt Ion: 77 Resp: 63697
Ion Ratio Lower Upper
77 100
105 101.5 83.8 123.8
106 97.6 78.7 118.7



#10
Phenol
Concen: 32.435 ng
RT: 6.528 min Scan# 737
Delta R.T. 0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion: 94 Resp: 216716
Ion Ratio Lower Upper
94 100
65 31.5 11.3 51.3
66 45.8 24.9 64.9

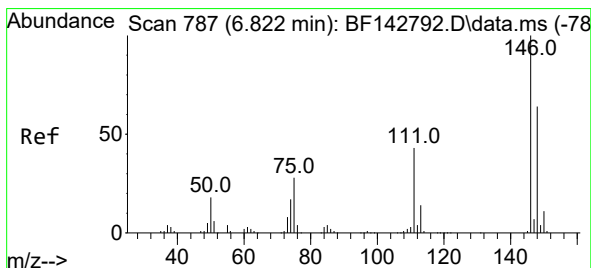
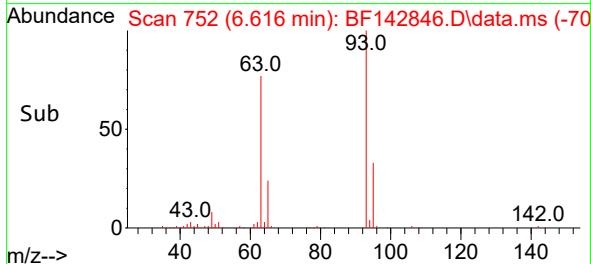
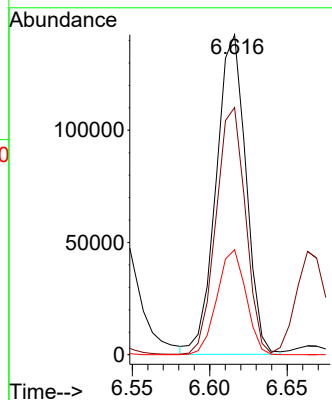
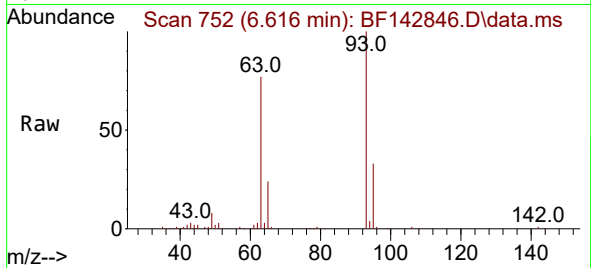




#11
bis(2-Chloroethyl)ether
Concen: 39.964 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

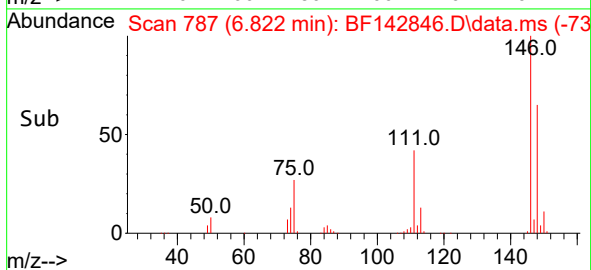
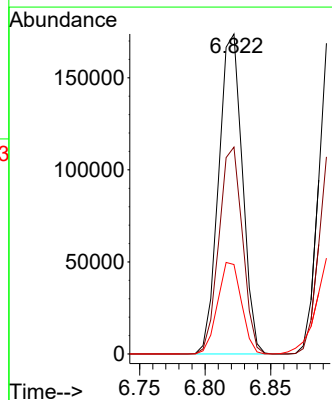
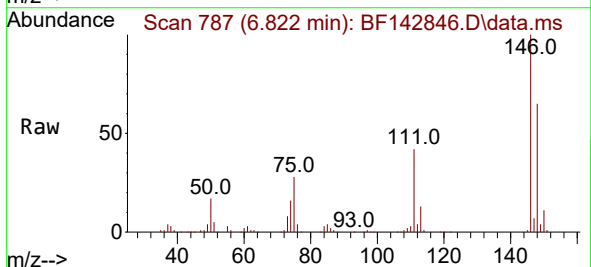
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

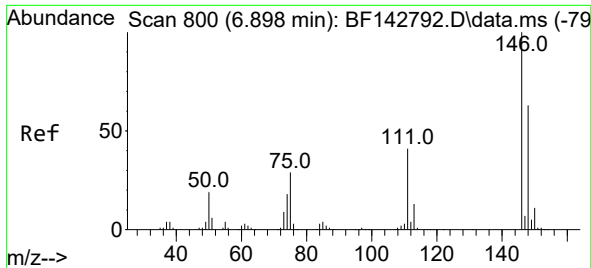
Tgt Ion: 93 Resp: 190846
Ion Ratio Lower Upper
93 100
63 77.3 60.3 100.3
95 32.8 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 35.528 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion: 146 Resp: 218373
Ion Ratio Lower Upper
146 100
148 64.7 51.1 76.7
75 28.0 22.7 34.1

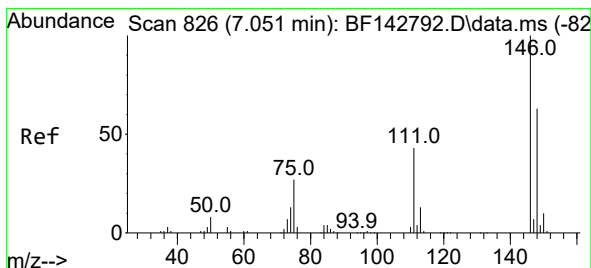
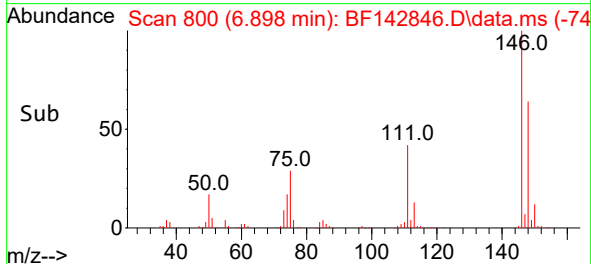
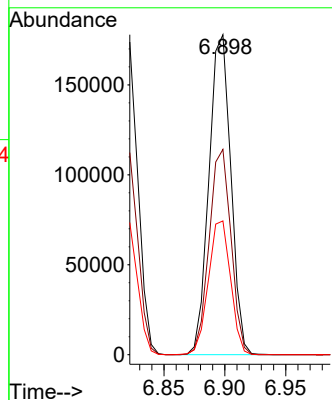
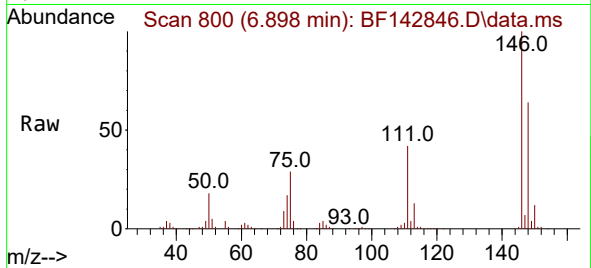




#13
1,4-Dichlorobenzene
Concen: 35.873 ng
RT: 6.898 min Scan# 800
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

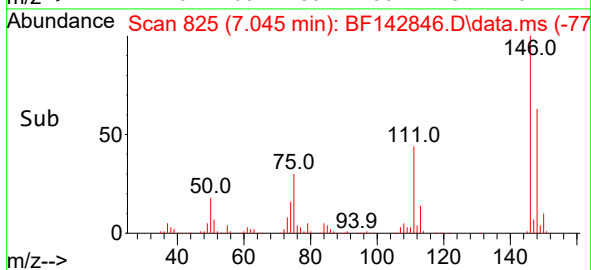
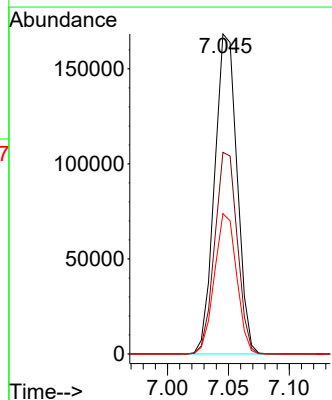
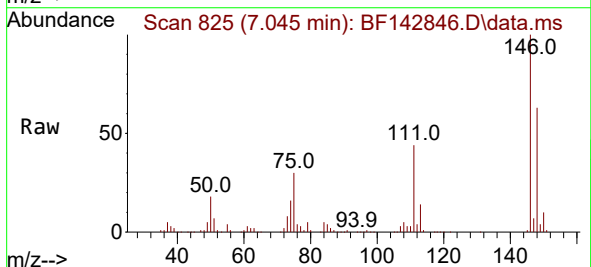
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

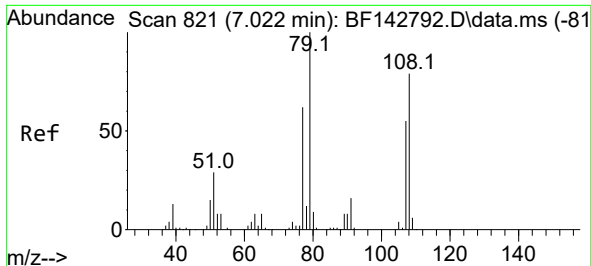
Tgt Ion:146 Resp: 222461
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 41.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 36.775 ng
RT: 7.045 min Scan# 825
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:146 Resp: 216307
Ion Ratio Lower Upper
146 100
148 63.0 50.4 75.6
111 43.8 34.1 51.1

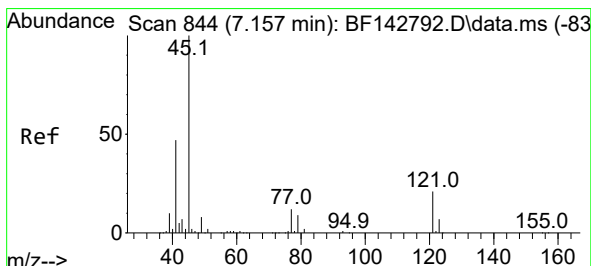
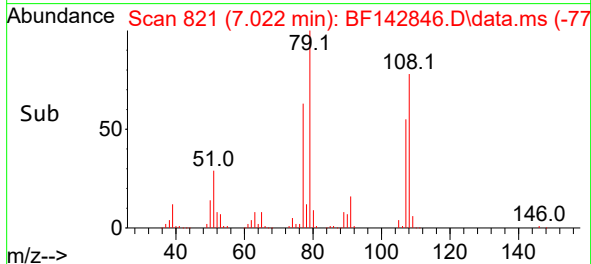
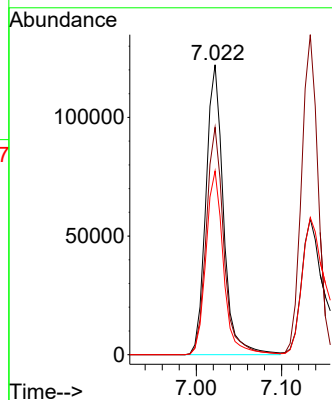
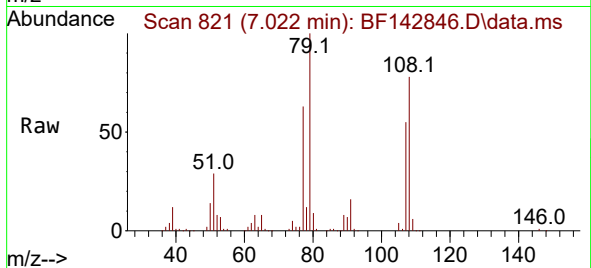




#15
Benzyl Alcohol
Concen: 40.165 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

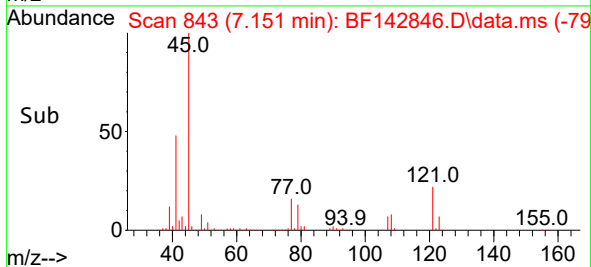
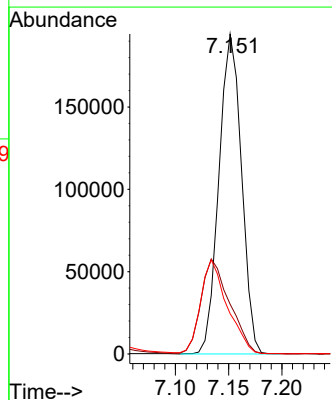
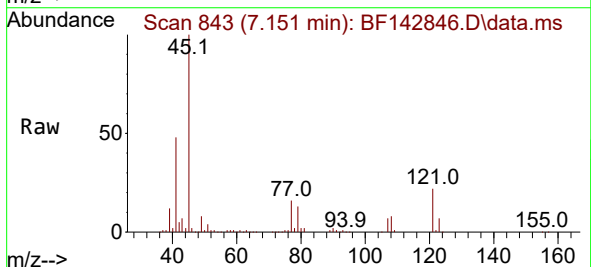
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

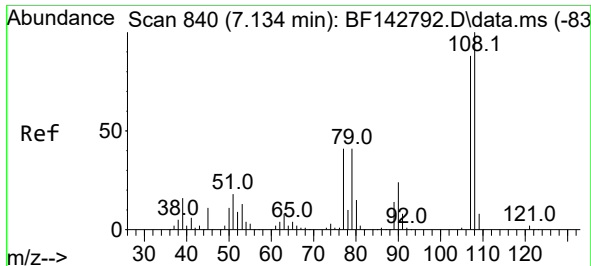
Tgt Ion: 79 Resp: 174537
Ion Ratio Lower Upper
79 100
108 78.4 63.4 95.0
77 63.3 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.268 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion: 45 Resp: 285932
Ion Ratio Lower Upper
45 100
77 15.5 0.0 32.8
79 12.6 0.0 29.8

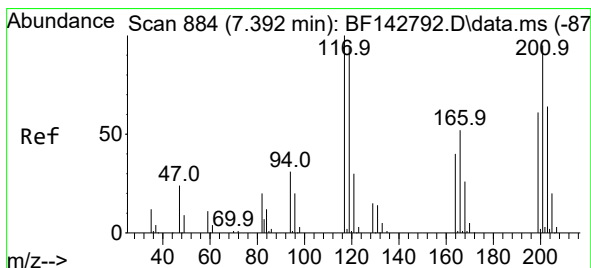
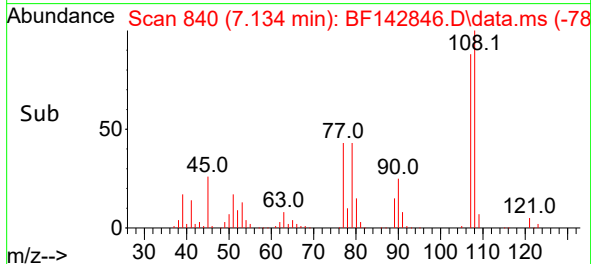
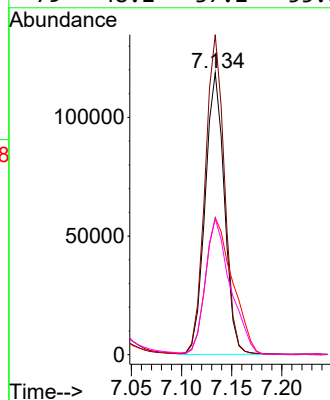
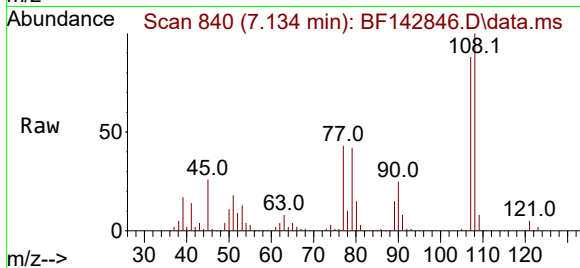




#17
2-Methylphenol
Concen: 38.192 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

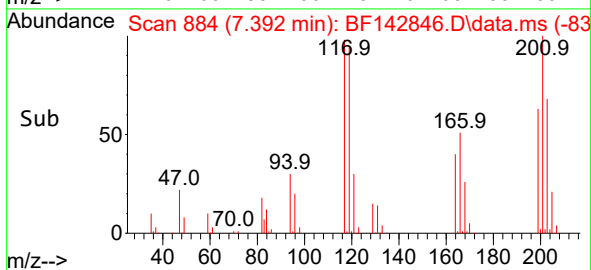
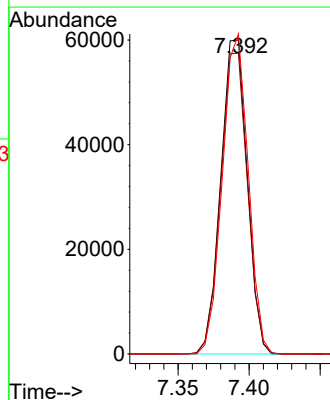
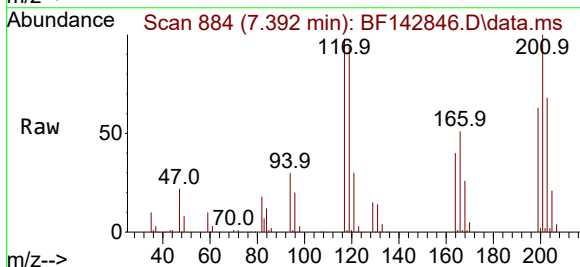
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

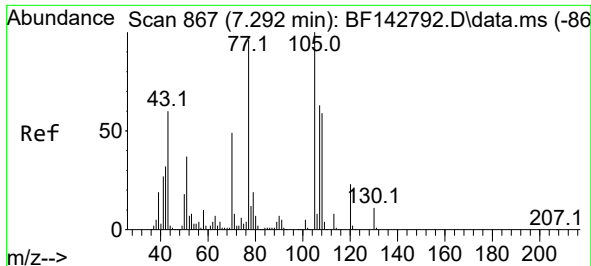
Tgt Ion:	107	Resp:	159065
Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.9	136.3
77	48.6	37.3	55.9
79	48.2	37.2	55.8



#18
Hexachloroethane
Concen: 36.014 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:	117	Resp:	78117
Ion	Ratio	Lower	Upper
117	100		
119	95.9	75.4	113.0
201	102.0	75.9	113.9



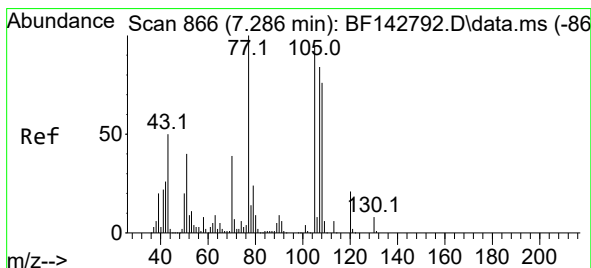
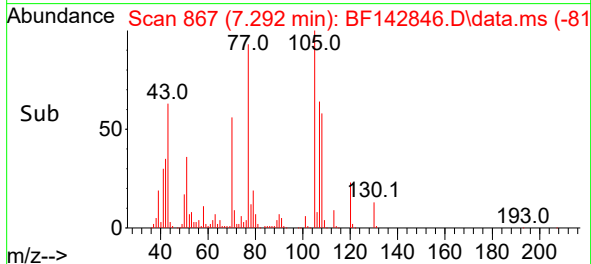
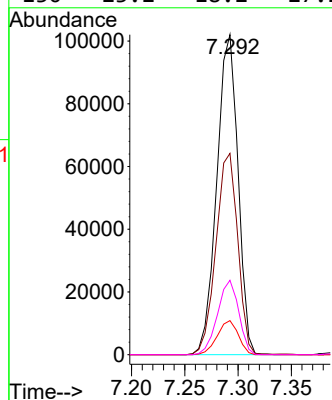
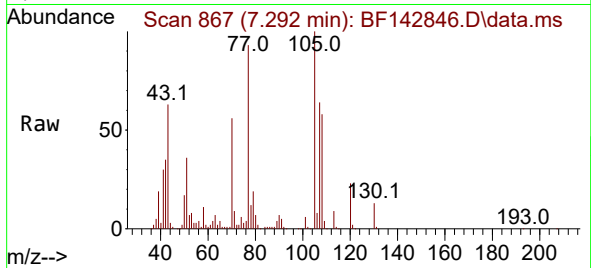


#19
n-Nitroso-di-n-propylamine
Concen: 40.340 ng
RT: 7.292 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

Tgt Ion: 70 Resp: 141027

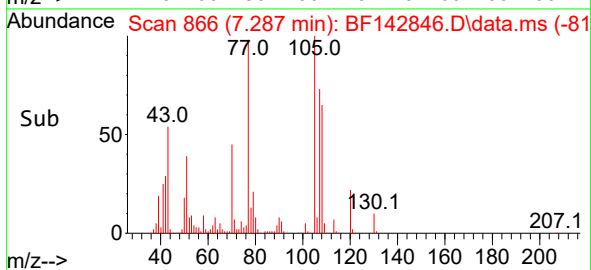
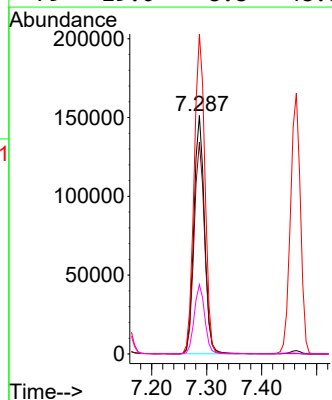
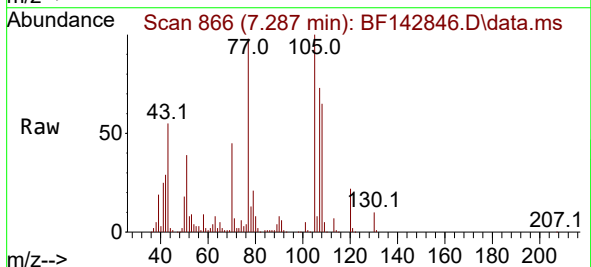
Ion	Ratio	Lower	Upper
70	100		
42	62.9	52.1	78.1
101	10.7	8.2	12.2
130	23.2	18.2	27.2

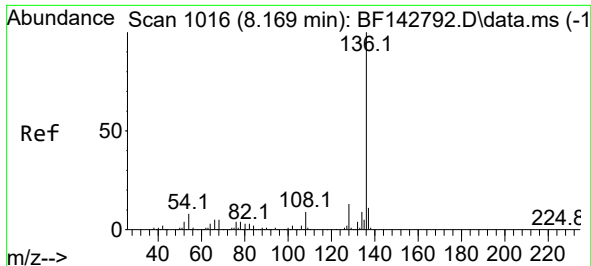


#20
3+4-Methylphenols
Concen: 38.744 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion: 107 Resp: 201193

Ion	Ratio	Lower	Upper
107	100		
108	88.8	70.0	110.0
77	134.2	98.5	138.5
79	29.0	8.8	48.8

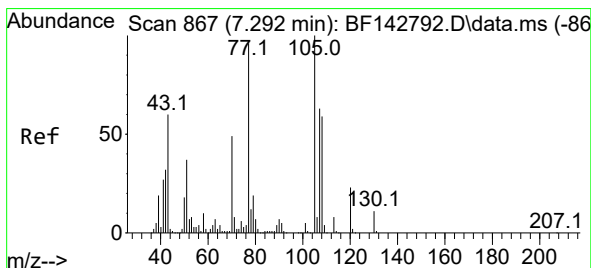
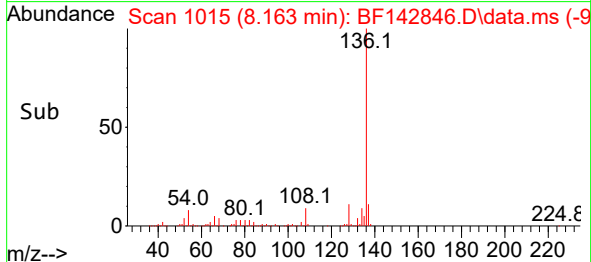
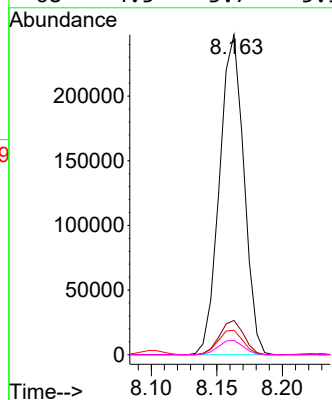
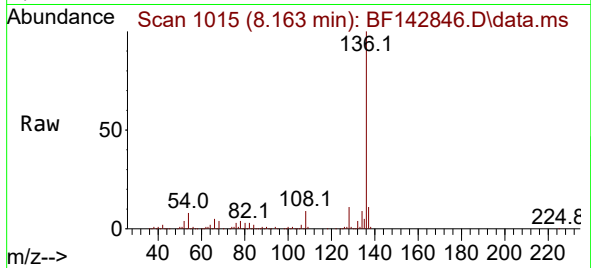




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

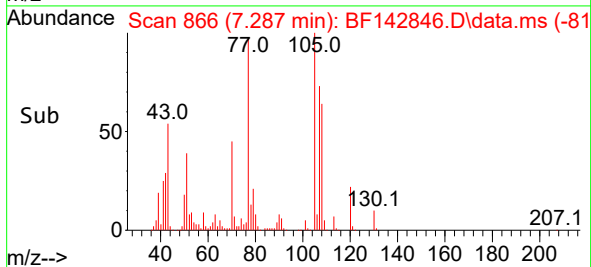
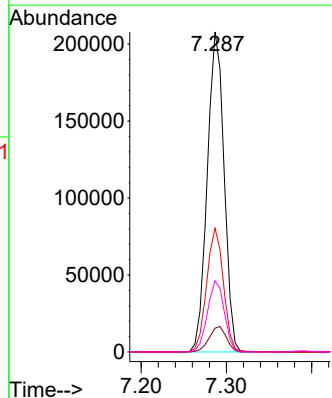
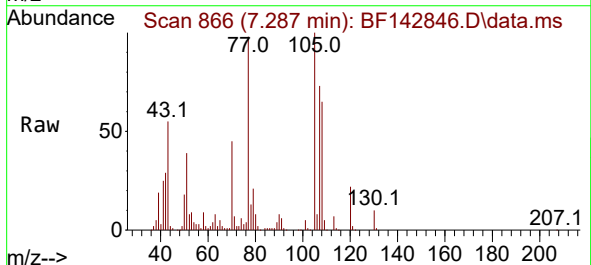
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

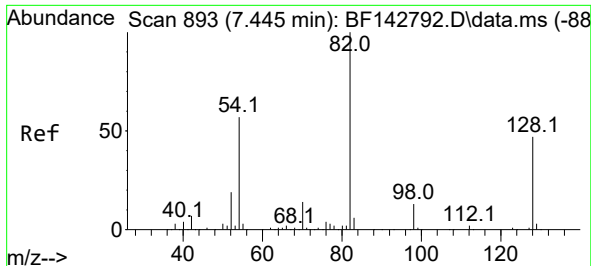
Tgt Ion:136 Resp: 319246
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 7.6 6.3 9.5
68 4.5 3.7 5.5



#22
Acetophenone
Concen: 40.515 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:105 Resp: 285224
Ion Ratio Lower Upper
105 100
71 7.4 6.5 9.7
51 38.7 29.8 44.8
120 22.2 18.2 27.2





#23

Nitrobenzene-d5

Concen: 72.448 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

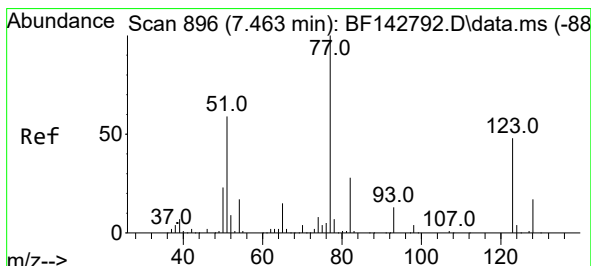
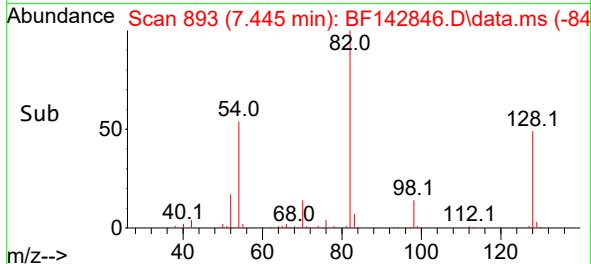
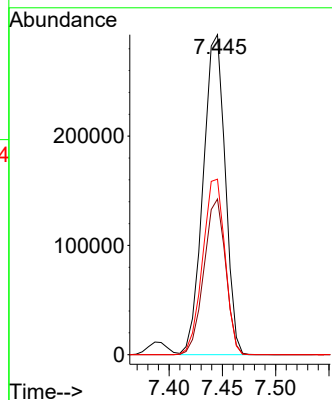
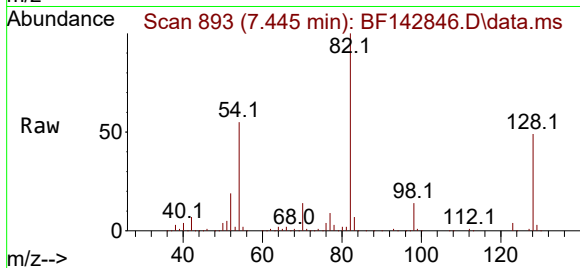
Tgt Ion: 82 Resp: 421666

Ion Ratio Lower Upper

82 100

128 48.7 37.7 56.5

54 54.9 45.7 68.5



#24

Nitrobenzene

Concen: 39.285 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

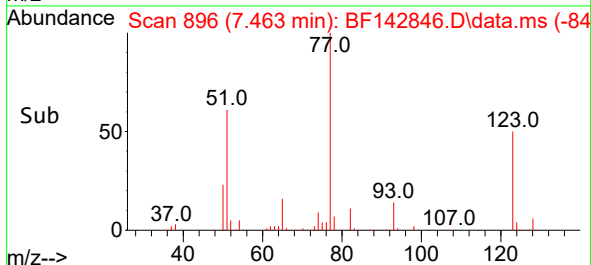
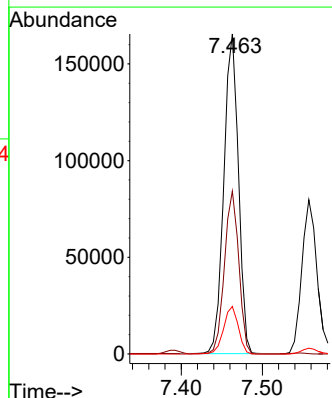
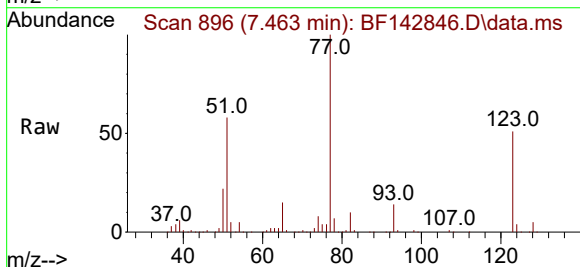
Tgt Ion: 77 Resp: 206949

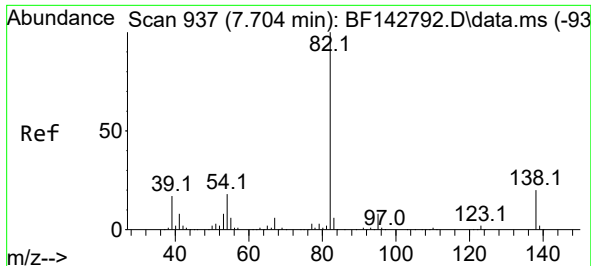
Ion Ratio Lower Upper

77 100

123 50.9 39.2 58.8

65 14.9 11.6 17.4

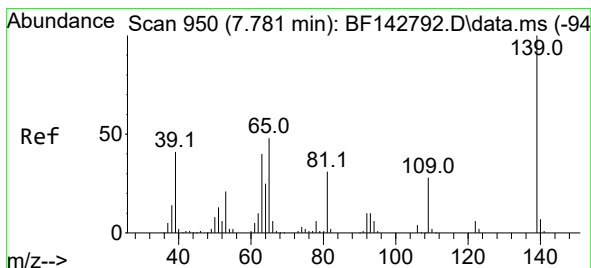
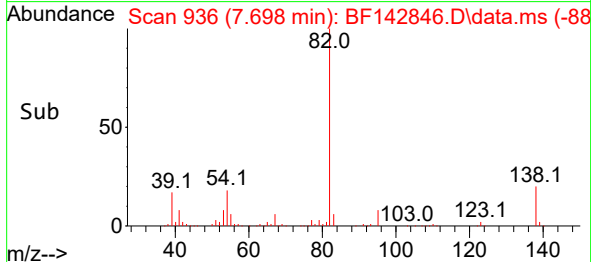
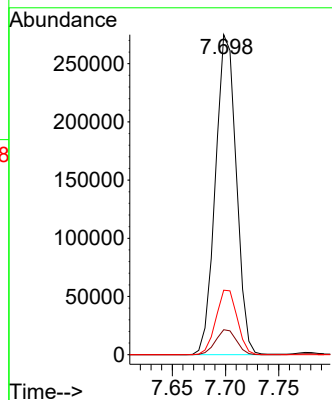
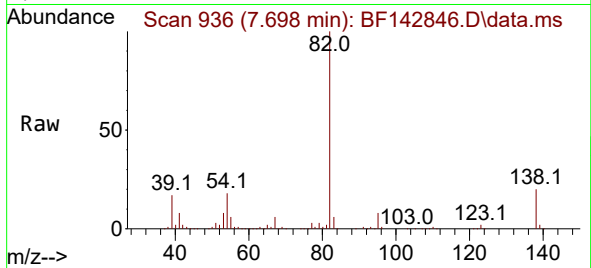




#25
Isophorone
Concen: 40.134 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

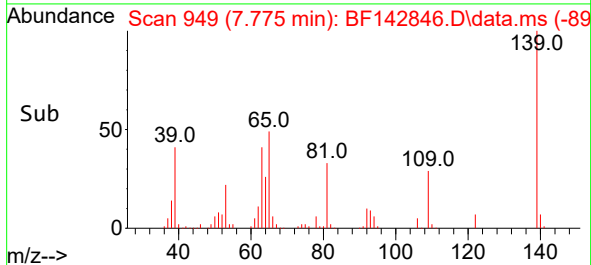
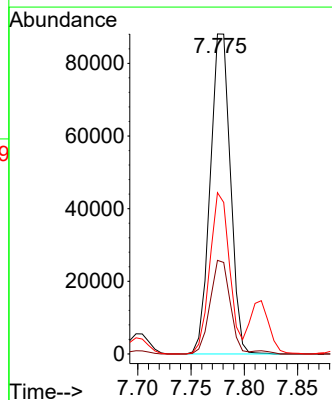
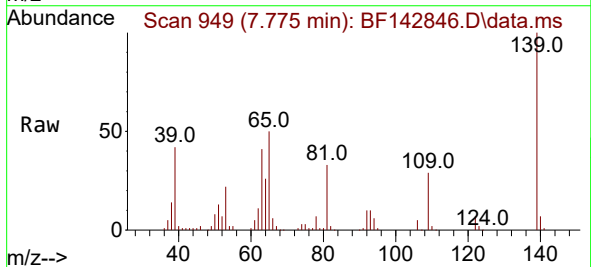
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

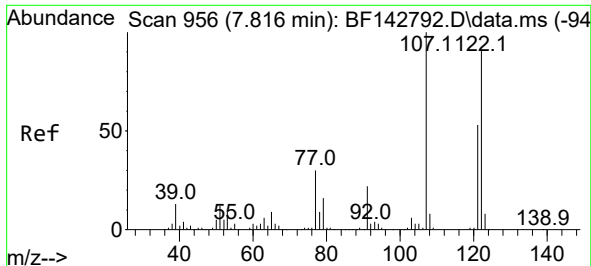
Tgt Ion: 82 Resp: 374711
Ion Ratio Lower Upper
82 100
95 7.8 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 40.444 ng
RT: 7.775 min Scan# 949
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:139 Resp: 116059
Ion Ratio Lower Upper
139 100
109 29.2 22.7 34.1
65 50.4 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 39.520 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

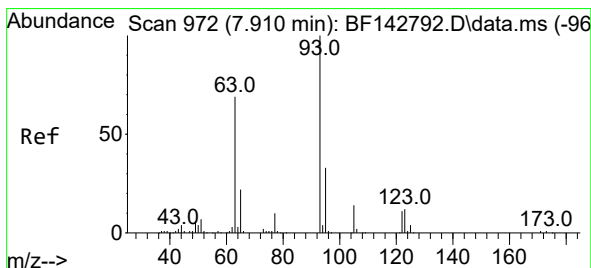
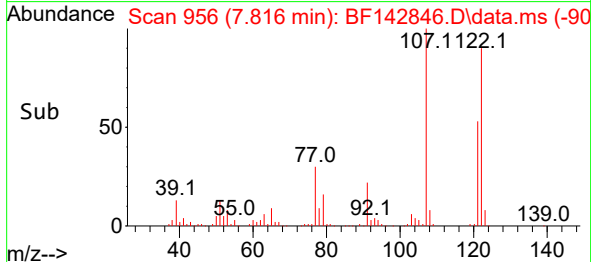
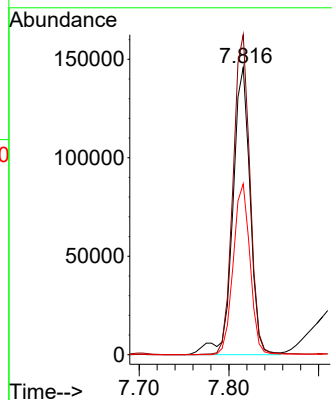
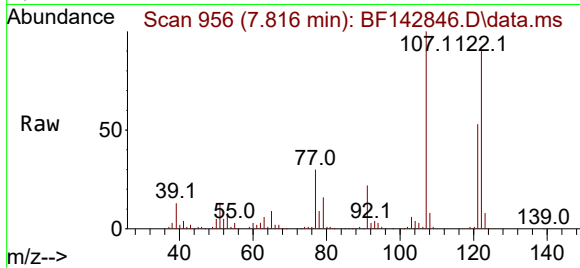
Tgt Ion:122 Resp: 196444

Ion Ratio Lower Upper

122 100

107 111.4 88.0 132.0

121 59.5 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 40.263 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

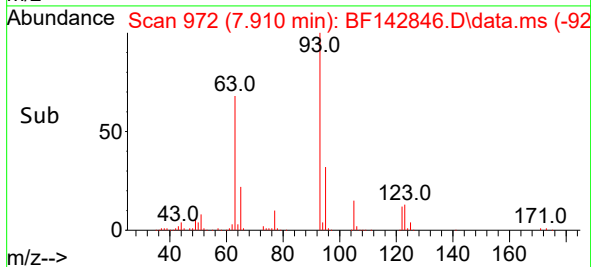
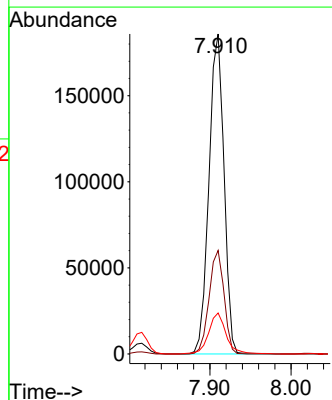
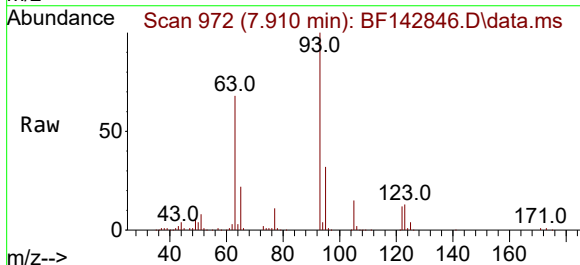
Tgt Ion: 93 Resp: 238993

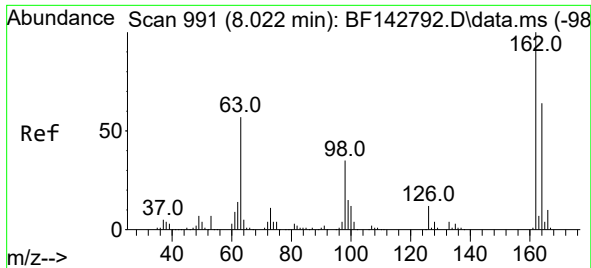
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 12.8 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 39.943 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

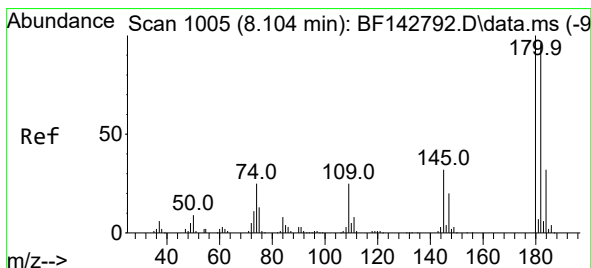
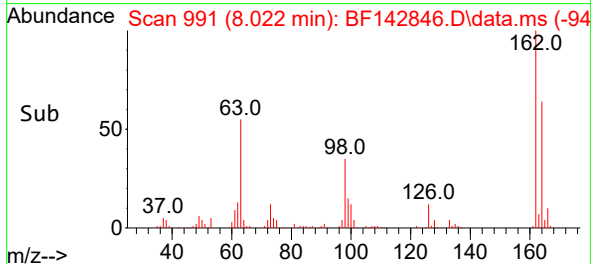
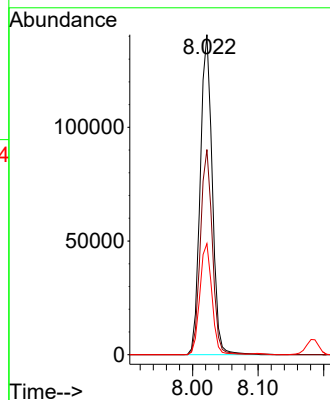
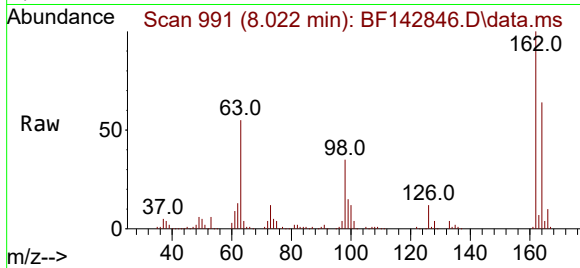
Tgt Ion:162 Resp: 180025

Ion Ratio Lower Upper

162 100

164 64.1 44.0 84.0

98 34.7 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 38.830 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

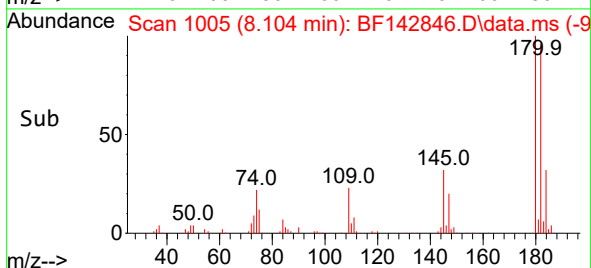
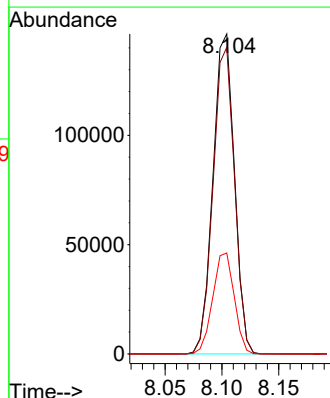
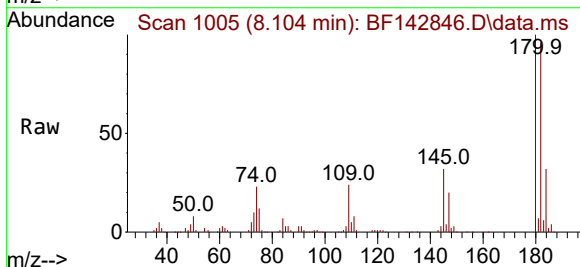
Tgt Ion:180 Resp: 192442

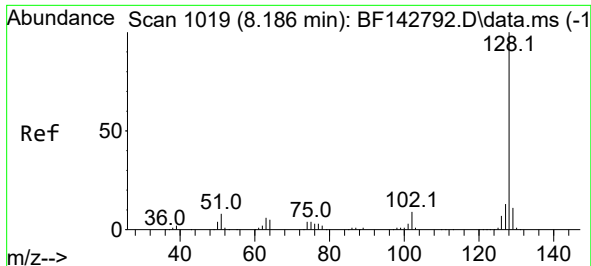
Ion Ratio Lower Upper

180 100

182 95.8 76.4 114.6

145 31.5 25.8 38.8

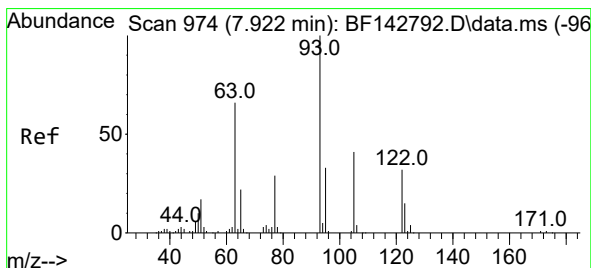
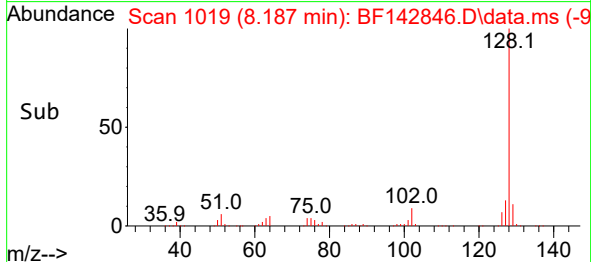
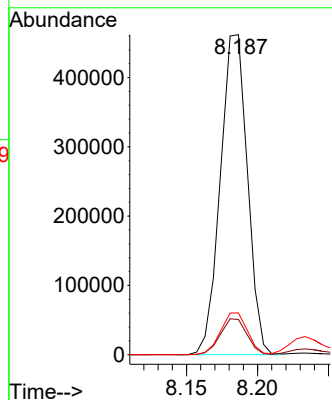
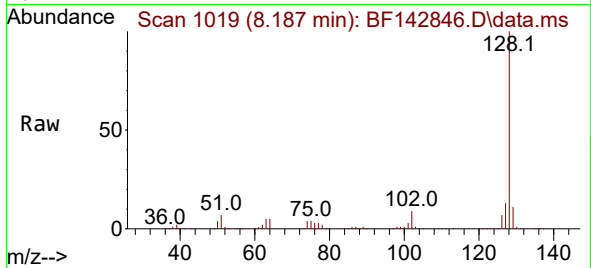




#31
Naphthalene
Concen: 39.272 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

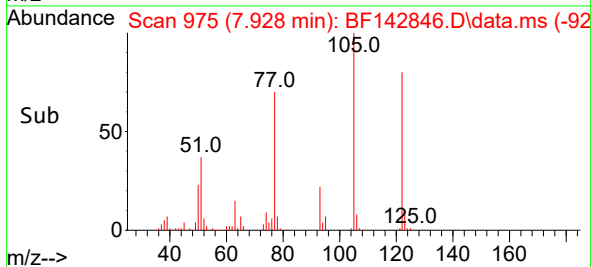
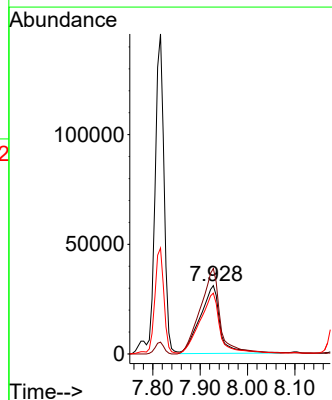
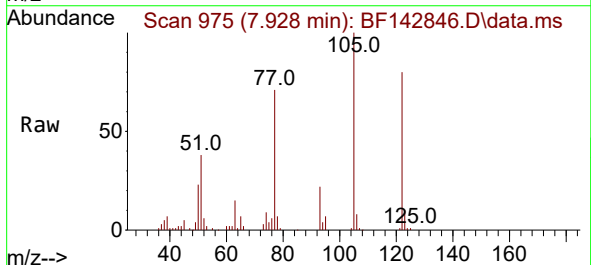
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

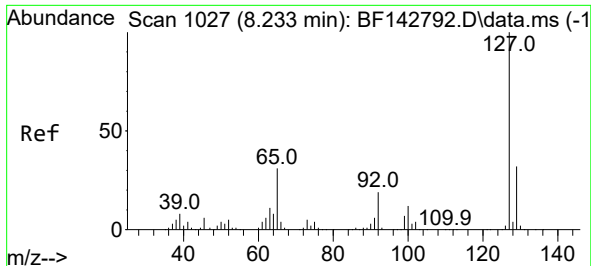
Tgt Ion:128 Resp: 613693
Ion Ratio Lower Upper
128 100
129 11.0 8.9 13.3
127 13.1 10.4 15.6



#32
Benzoic acid
Concen: 35.935 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:122 Resp: 91041
Ion Ratio Lower Upper
122 100
105 124.9 104.7 144.7
77 88.8 70.2 110.2

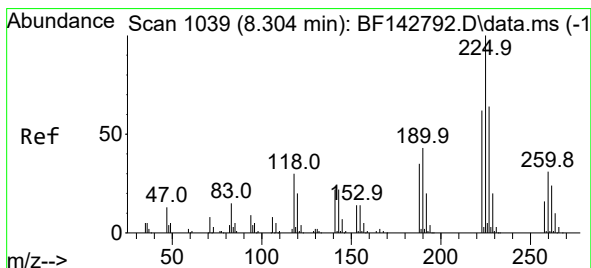
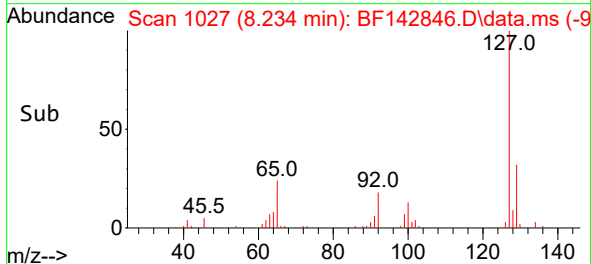
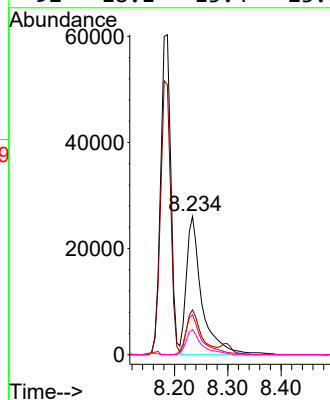
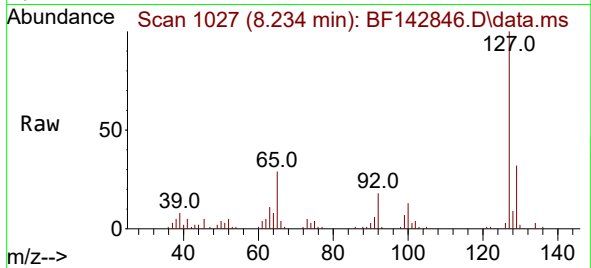




#33
4-Chloroaniline
Concen: 8.290 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

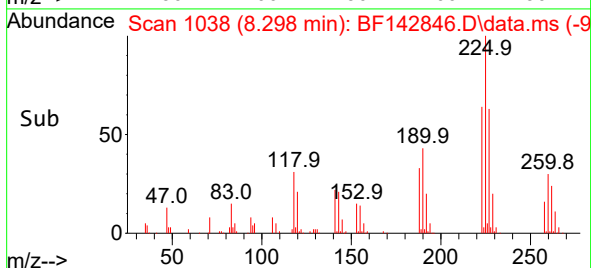
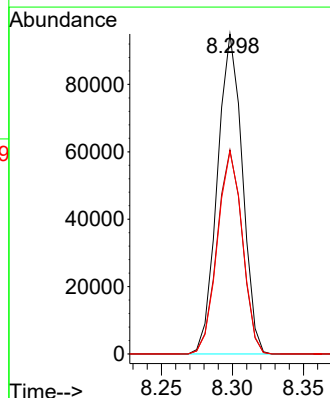
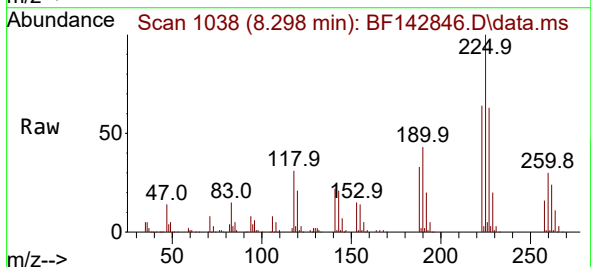
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

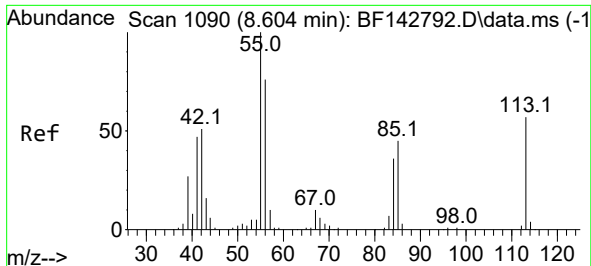
Tgt Ion:127	Resp:	52674
Ion Ratio	Lower	Upper
127	100	
129	32.4	25.9 38.9
65	28.8	24.6 36.8
92	18.1	15.4 23.0



#34
Hexachlorobutadiene
Concen: 38.261 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:225	Resp:	115989
Ion Ratio	Lower	Upper
225	100	
223	63.7	49.9 74.9
227	63.3	51.4 77.0

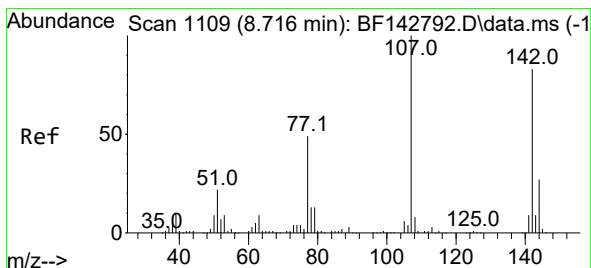
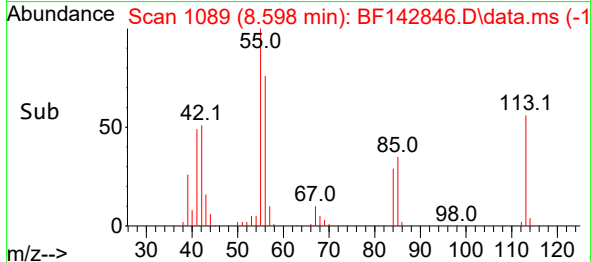
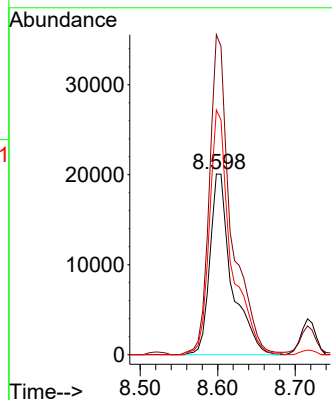
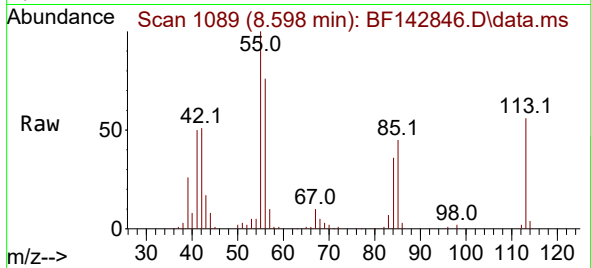




#35
 Caprolactam
 Concen: 33.044 ng
 RT: 8.598 min Scan# 1090
 Delta R.T. -0.006 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

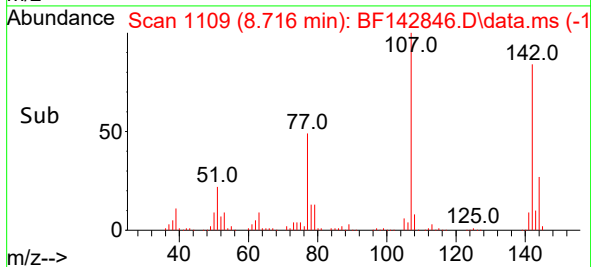
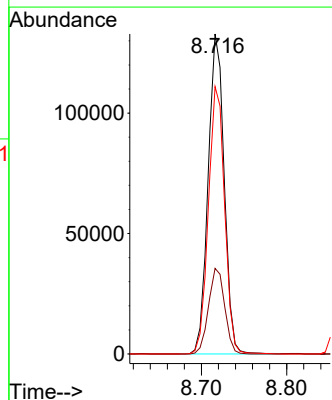
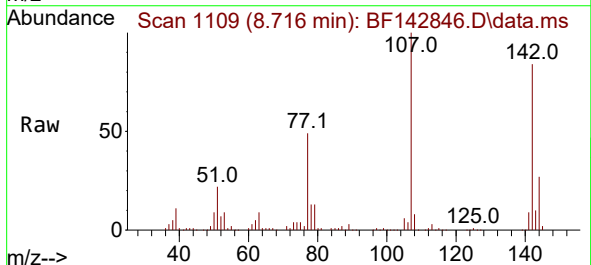
Instrument :
 BNA_F
 ClientSampleId :
 SU-1-062025MS

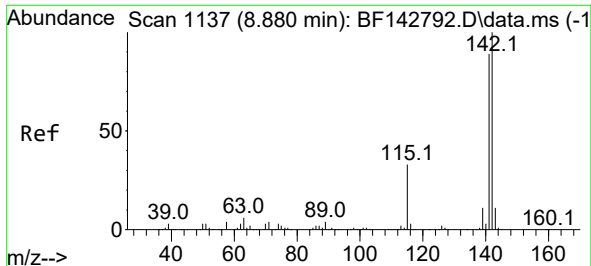
Tgt Ion:113 Resp: 39299
 Ion Ratio Lower Upper
 113 100
 55 177.2 154.4 194.4
 56 135.6 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 38.788 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

Tgt Ion:107 Resp: 173743
 Ion Ratio Lower Upper
 107 100
 144 26.7 21.3 31.9
 142 83.6 66.6 100.0

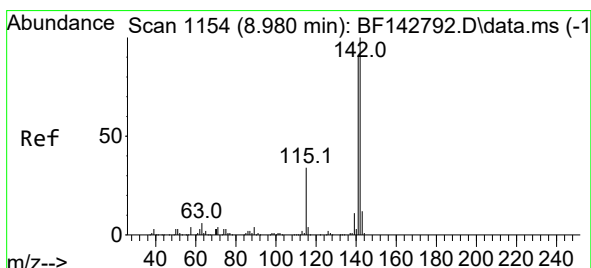
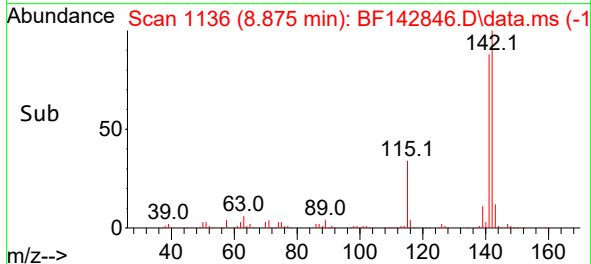
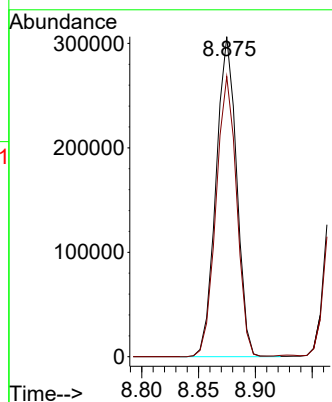
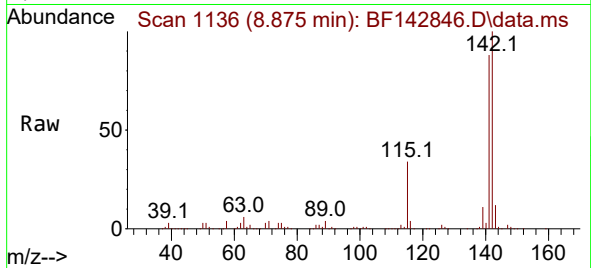




#37
2-Methylnaphthalene
Concen: 39.928 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

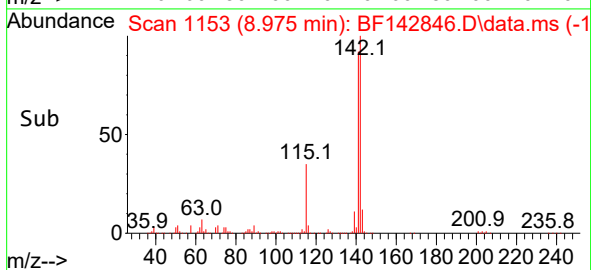
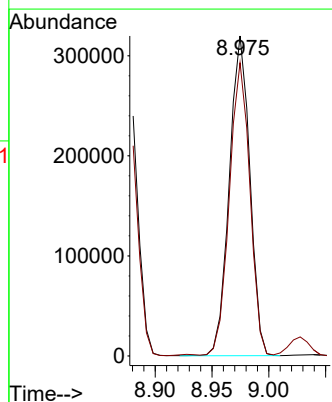
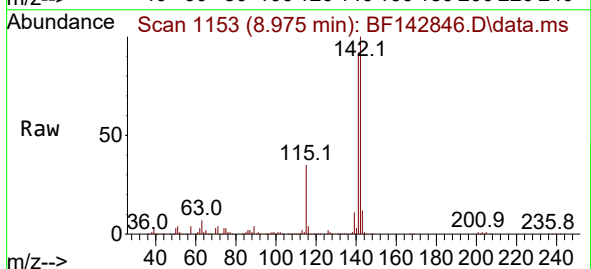
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

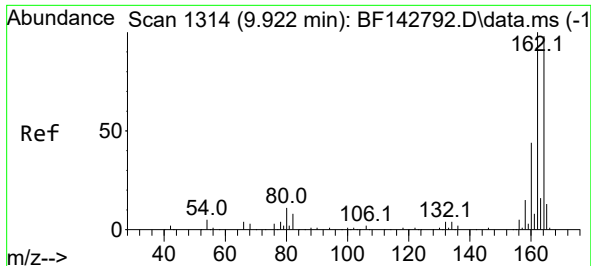
Tgt Ion:142 Resp: 386822
Ion Ratio Lower Upper
142 100
141 87.5 70.9 106.3



#38
1-Methylnaphthalene
Concen: 39.954 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:142 Resp: 400689
Ion Ratio Lower Upper
142 100
141 91.7 73.0 109.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1164

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

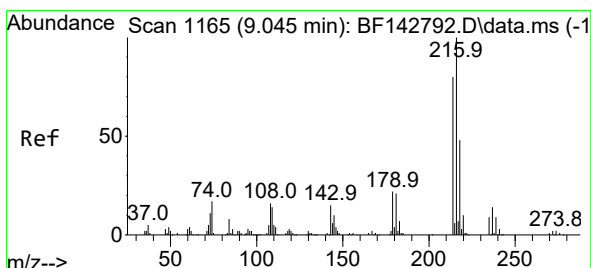
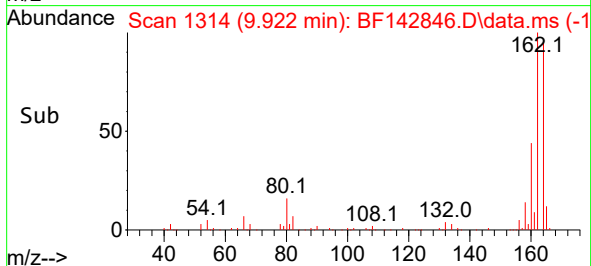
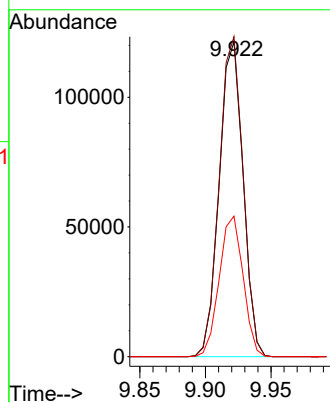
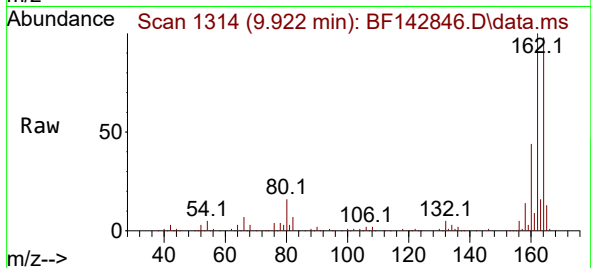
Tgt Ion:164 Resp: 153127

Ion Ratio Lower Upper

164 100

162 101.6 81.8 122.8

160 44.6 36.0 54.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.140 ng

RT: 9.039 min Scan# 1164

Delta R.T. -0.006 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Tgt Ion:216 Resp: 194917

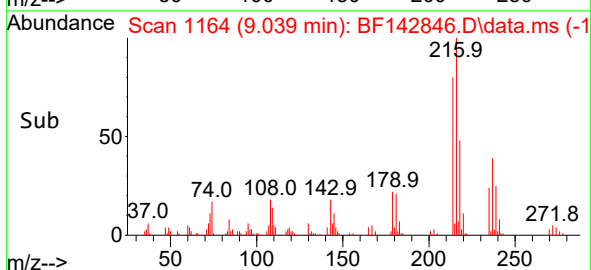
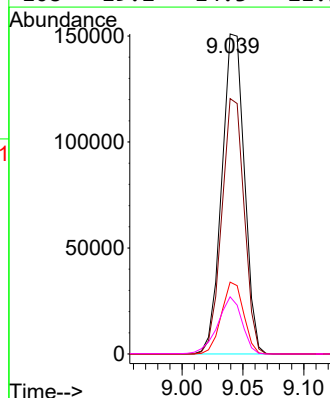
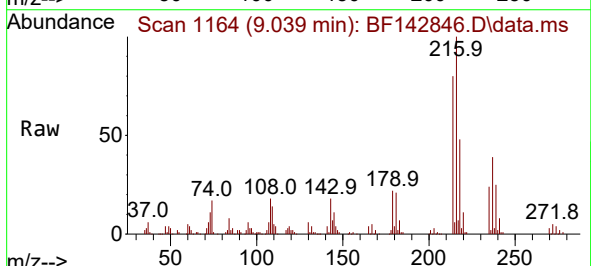
Ion Ratio Lower Upper

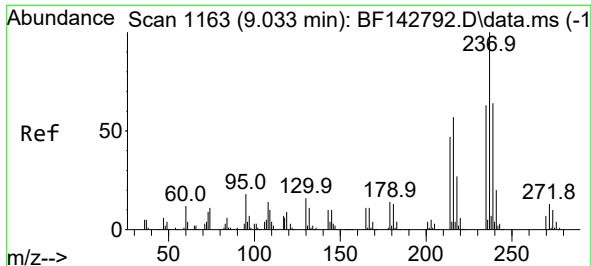
216 100

214 79.0 63.7 95.5

179 22.1 17.6 26.4

108 19.2 14.3 21.5

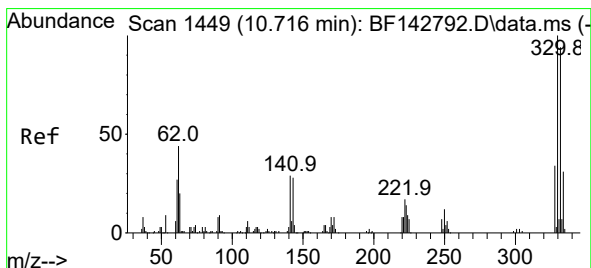
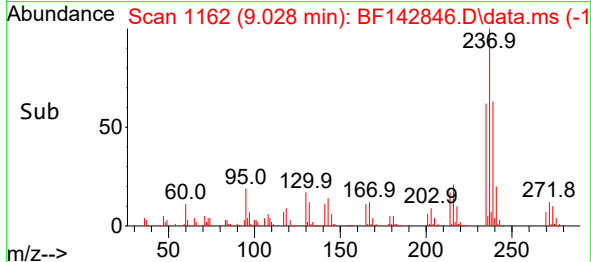
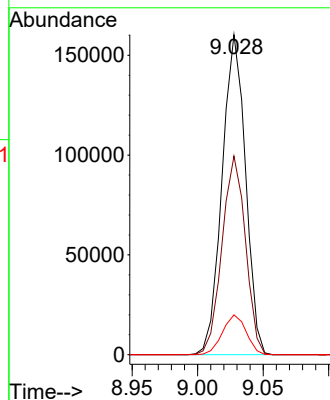
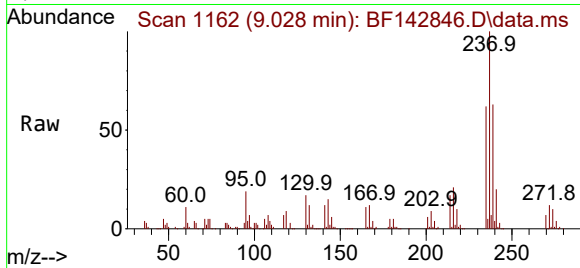




#41
Hexachlorocyclopentadiene
Concen: 77.562 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

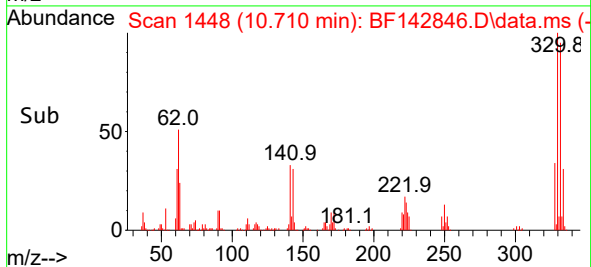
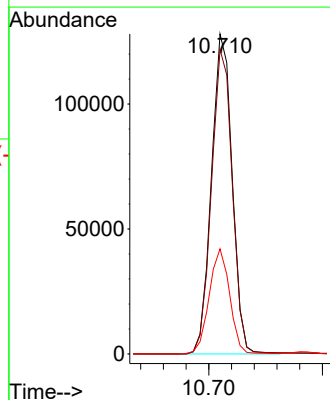
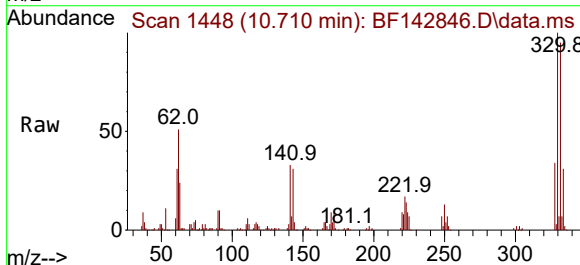
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

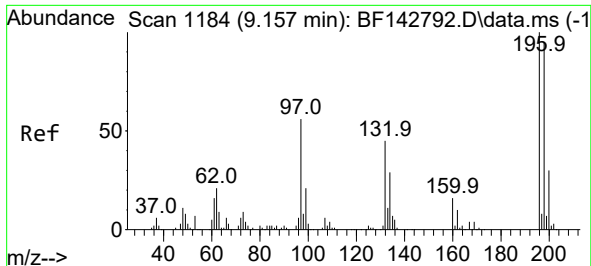
Tgt Ion:237 Resp: 198872
Ion Ratio Lower Upper
237 100
235 62.0 43.4 83.4
272 12.5 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 102.955 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:330 Resp: 162234
Ion Ratio Lower Upper
330 100
332 96.1 75.0 112.6
141 32.7 25.3 37.9





#43

2,4,6-Trichlorophenol

Concen: 42.672 ng

RT: 9.157 min Scan# 1184

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

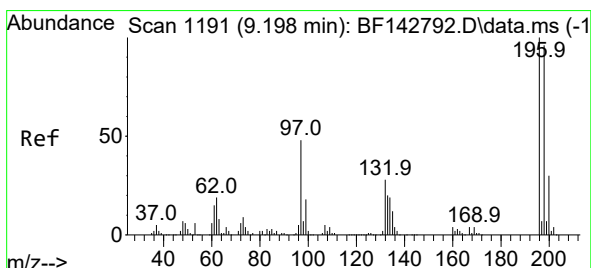
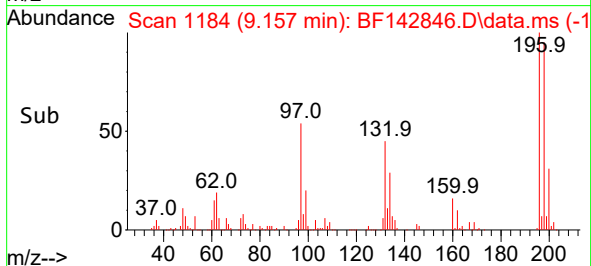
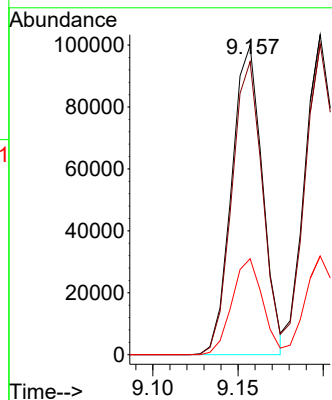
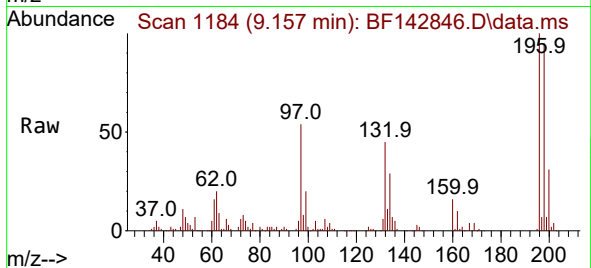
Tgt Ion:196 Resp: 125637

Ion Ratio Lower Upper

196 100

198 94.8 76.2 114.2

200 31.0 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.138 ng

RT: 9.198 min Scan# 1191

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Tgt Ion:196 Resp: 130600

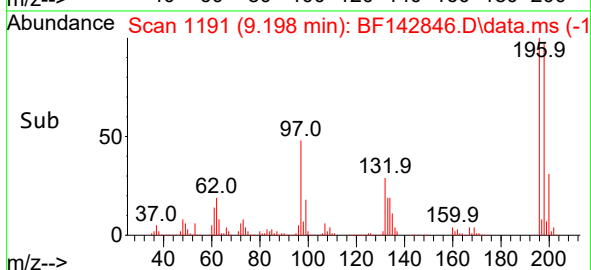
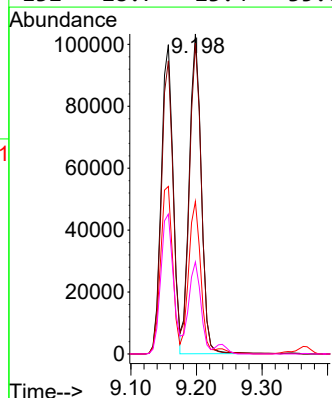
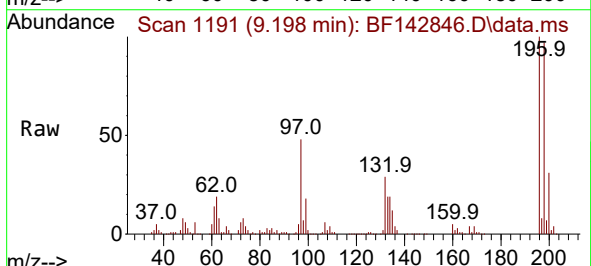
Ion Ratio Lower Upper

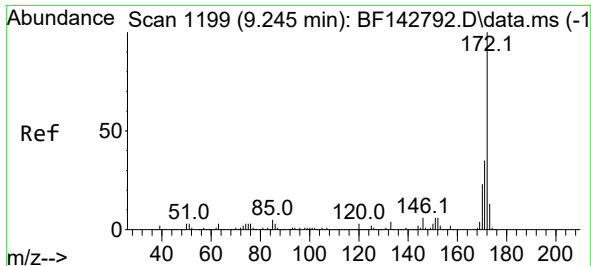
196 100

198 97.1 76.6 115.0

97 47.6 38.2 57.2

132 28.7 23.4 35.0

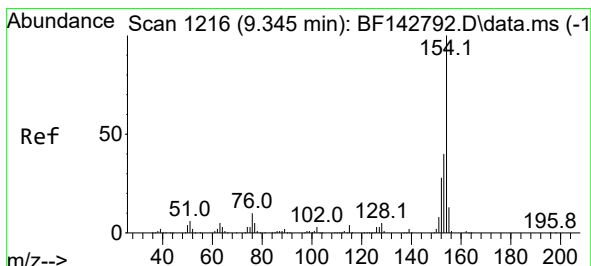
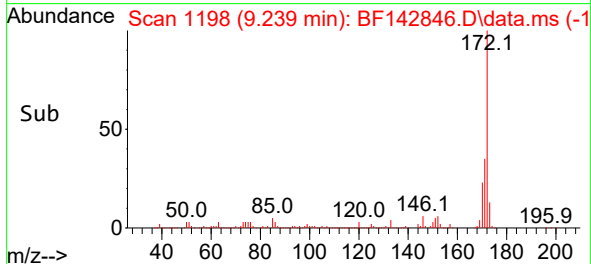
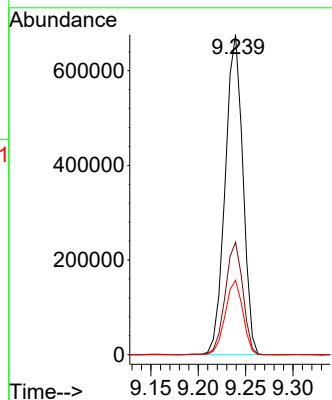
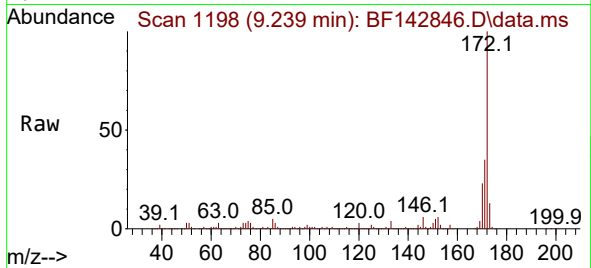




#45
2-Fluorobiphenyl
Concen: 75.316 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

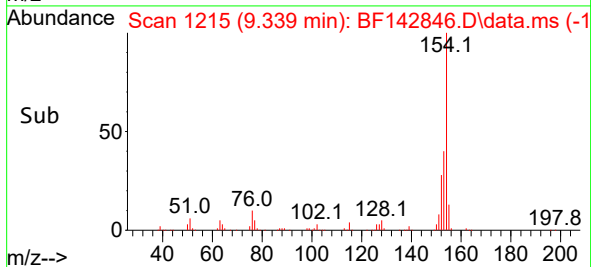
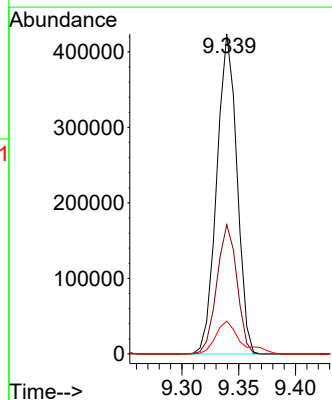
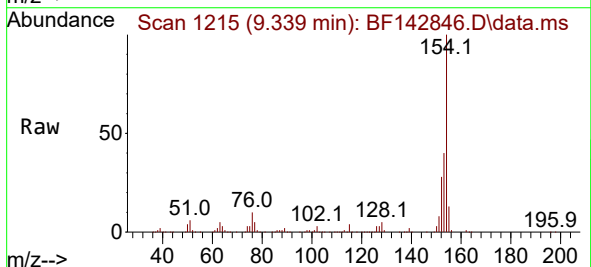
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

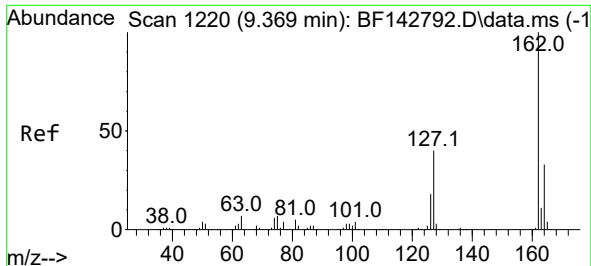
Tgt Ion:172 Resp: 877910
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.2 18.5 27.7



#46
1,1'-Biphenyl
Concen: 43.280 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:154 Resp: 523522
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 10.2 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.726 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.006 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

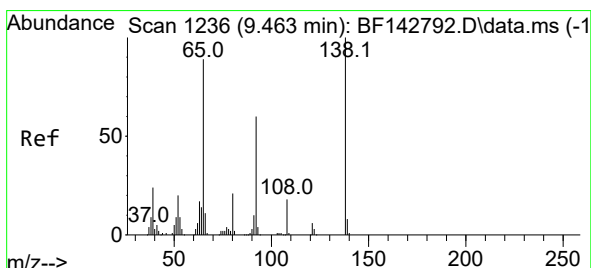
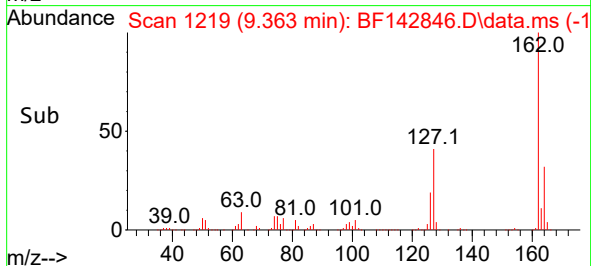
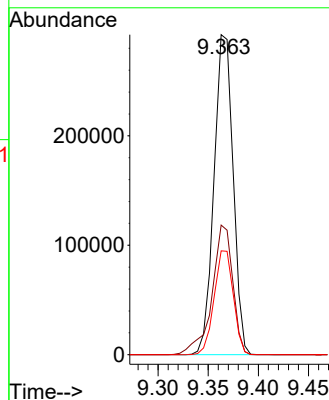
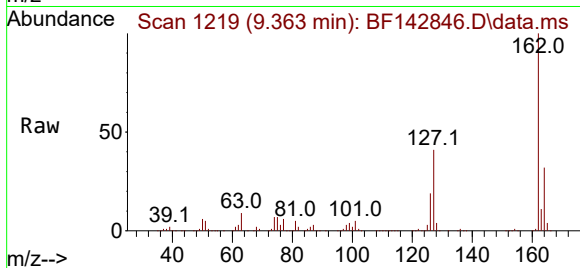
Tgt Ion:162 Resp: 387835

Ion Ratio Lower Upper

162 100

127 40.5 32.2 48.2

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 41.226 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

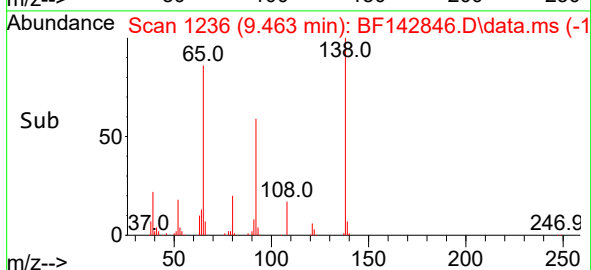
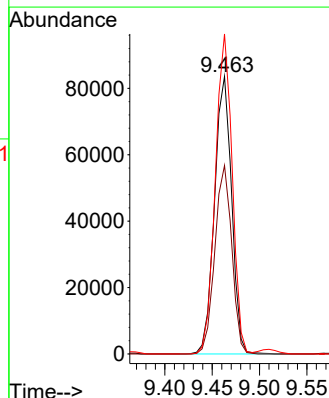
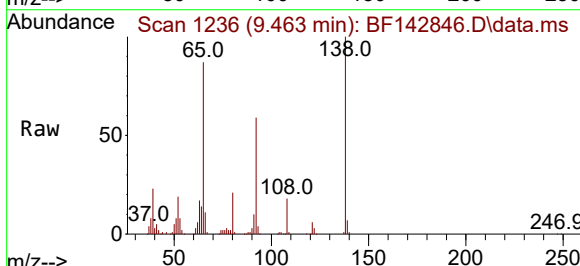
Tgt Ion: 65 Resp: 104914

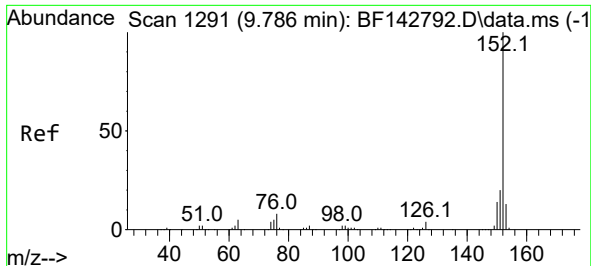
Ion Ratio Lower Upper

65 100

92 67.9 53.8 80.6

138 115.3 89.6 134.4

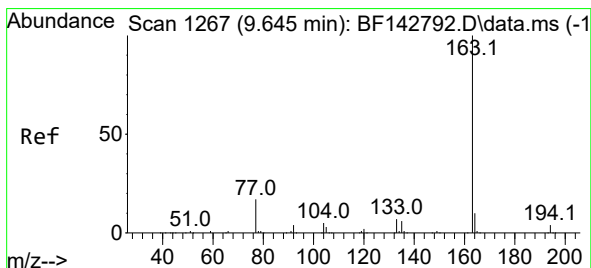
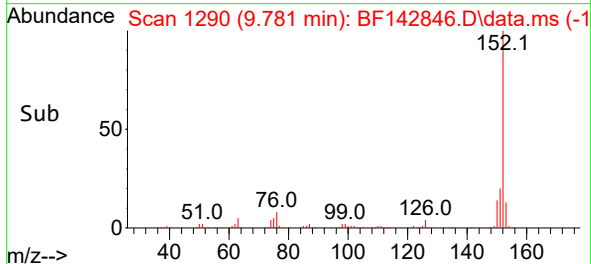
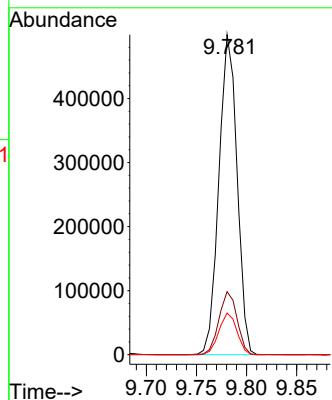
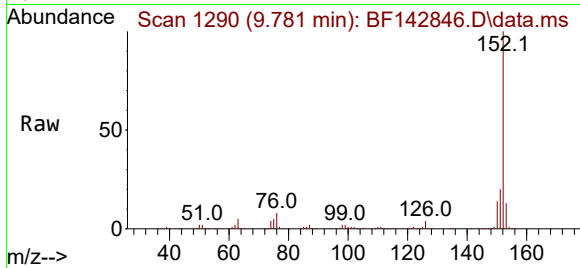




#49
Acenaphthylene
Concen: 42.010 ng
RT: 9.781 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

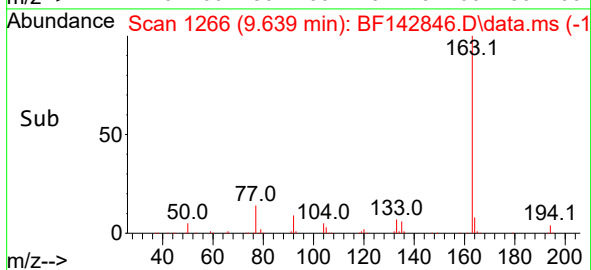
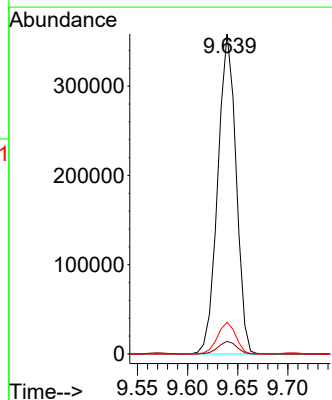
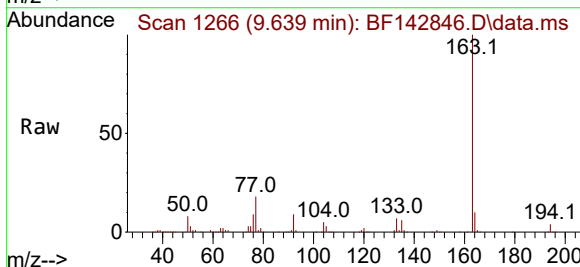
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

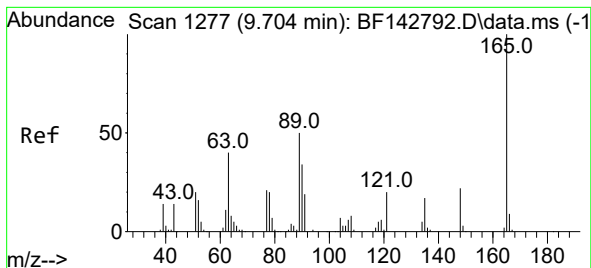
Tgt Ion:152 Resp: 627771
Ion Ratio Lower Upper
152 100
151 19.7 16.1 24.1
153 13.0 10.4 15.6



#50
Dimethylphthalate
Concen: 45.884 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:163 Resp: 454797
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.0 12.0

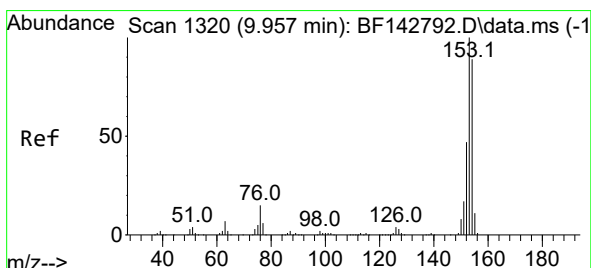
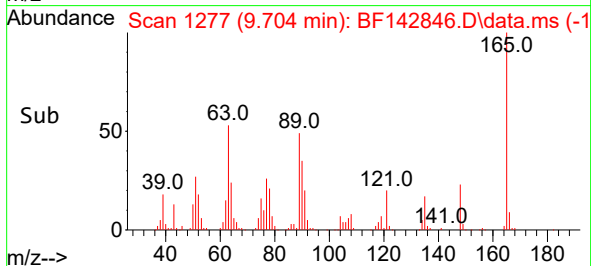
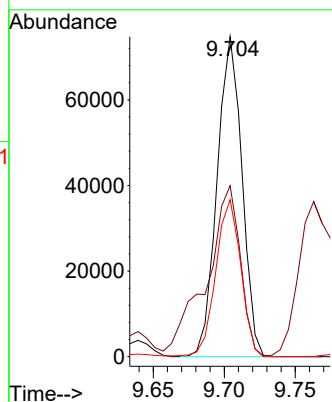
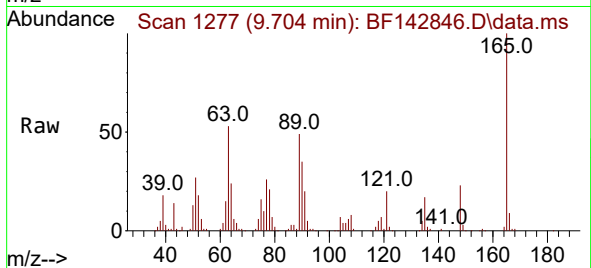




#51
2,6-Dinitrotoluene
Concen: 41.790 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

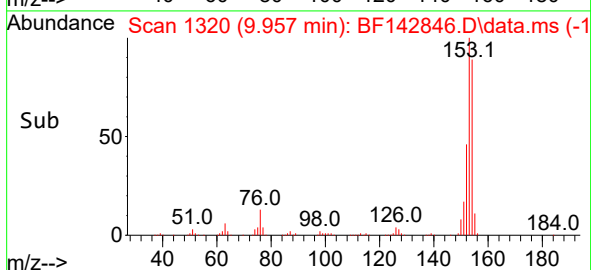
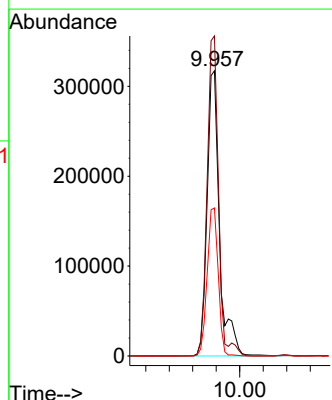
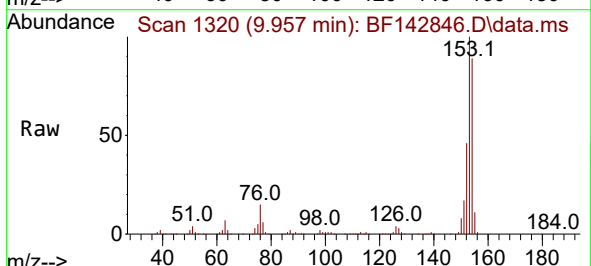
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

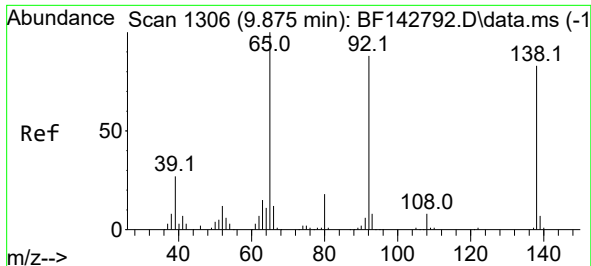
Tgt Ion:165 Resp: 90967
Ion Ratio Lower Upper
165 100
63 53.4 44.2 66.4
89 49.1 39.8 59.8



#52
Acenaphthene
Concen: 51.076 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:154 Resp: 465672
Ion Ratio Lower Upper
154 100
153 112.2 90.0 135.0
152 51.9 41.9 62.9

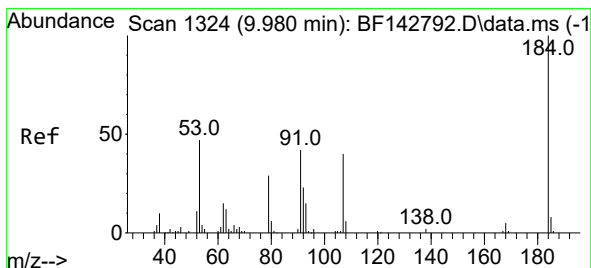
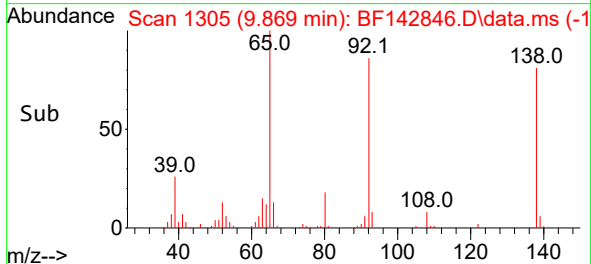
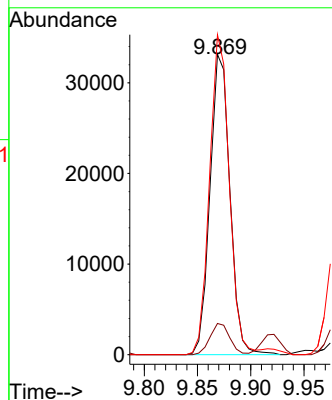
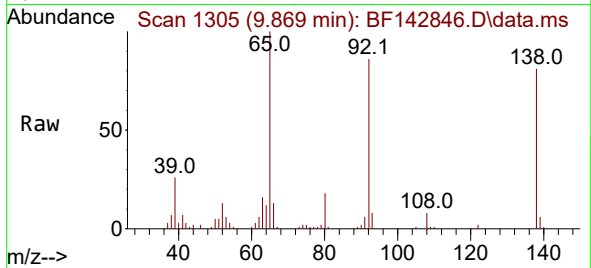




#53
3-Nitroaniline
Concen: 18.035 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

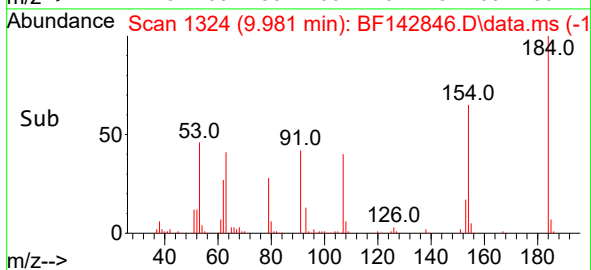
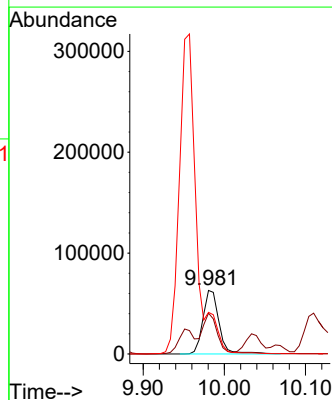
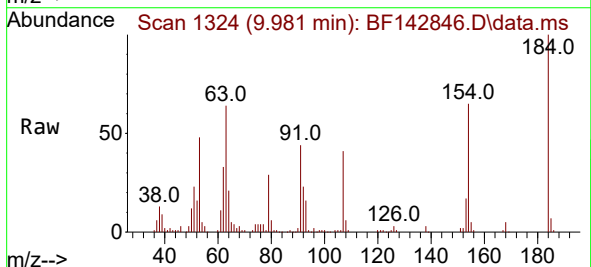
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

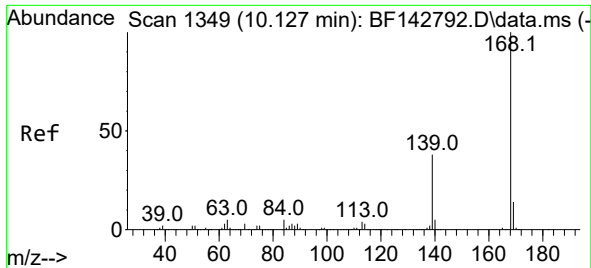
Tgt Ion:138 Resp: 43224
Ion Ratio Lower Upper
138 100
108 10.4 8.1 12.1
92 106.6 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 79.700 ng
RT: 9.981 min Scan# 1324
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:184 Resp: 86869
Ion Ratio Lower Upper
184 100
63 64.3 50.6 75.8
154 65.4 51.8 77.8

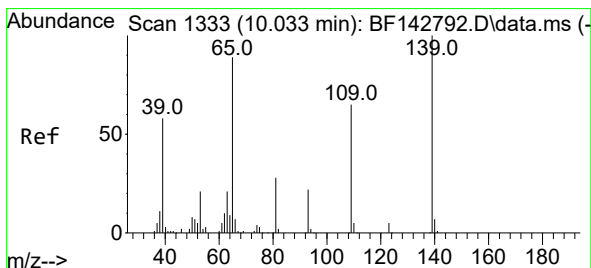
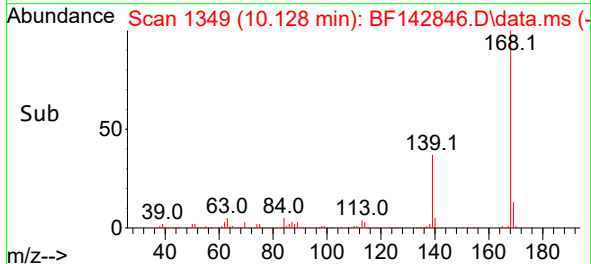
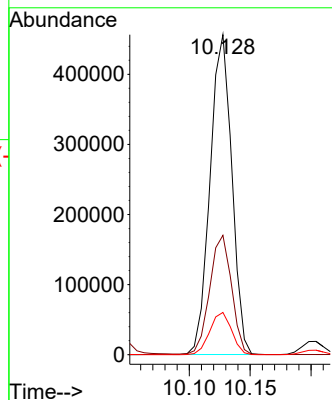
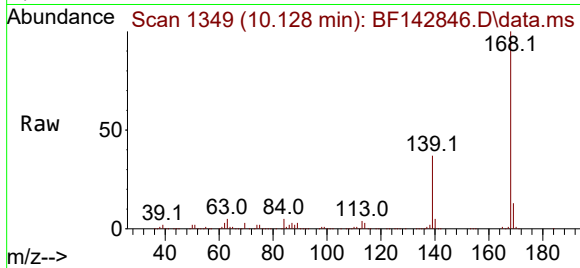




#55
Dibenzenofuran
Concen: 43.247 ng
RT: 10.128 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

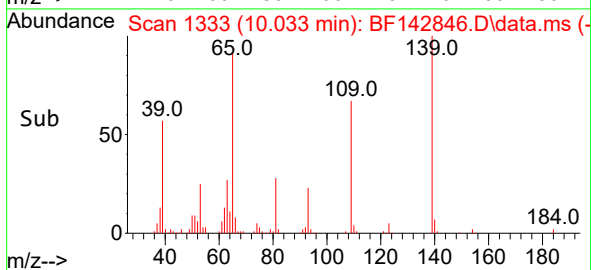
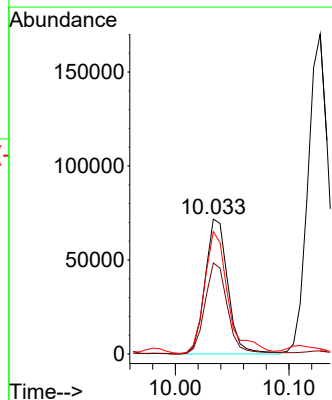
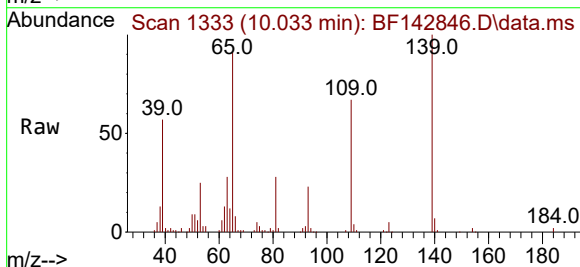
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

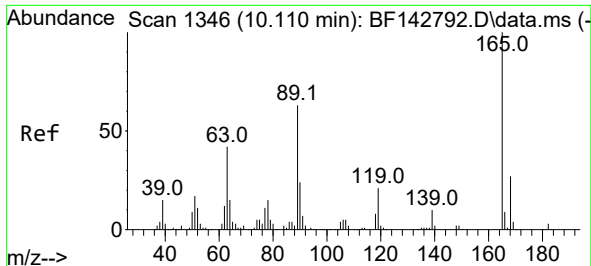
Tgt Ion:168 Resp: 565410
Ion Ratio Lower Upper
168 100
139 37.3 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 60.555 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:139 Resp: 99355
Ion Ratio Lower Upper
139 100
109 67.4 44.7 84.7
65 90.6 69.8 109.8

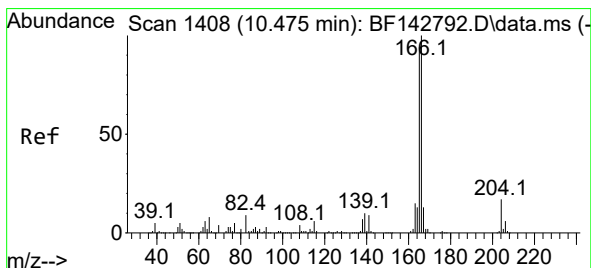
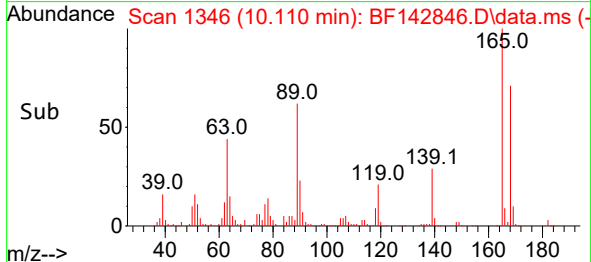
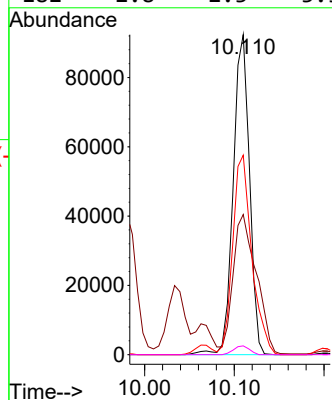
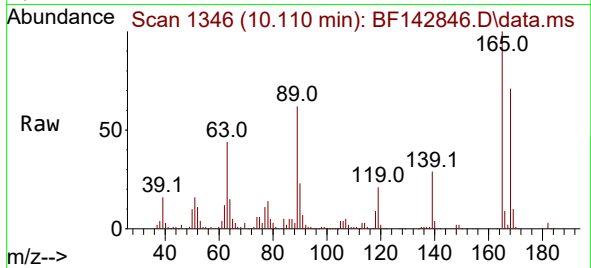




#57
2,4-Dinitrotoluene
Concen: 40.193 ng
RT: 10.110 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

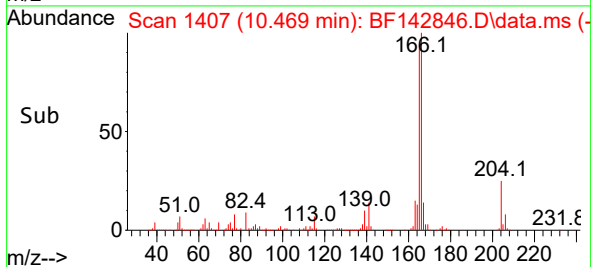
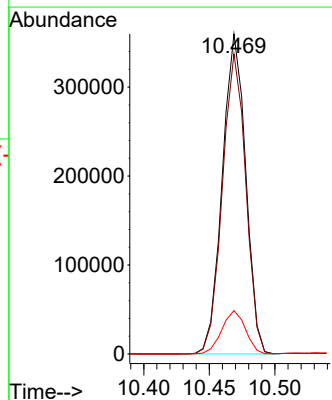
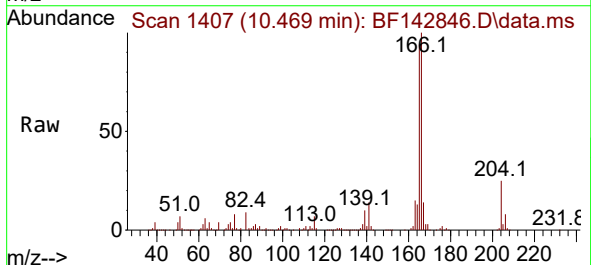
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

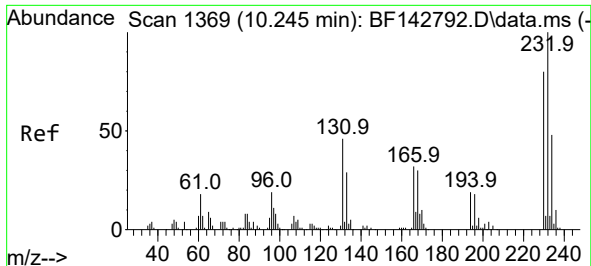
Tgt Ion:165 Resp: 116213
Ion Ratio Lower Upper
165 100
63 43.8 33.9 50.9
89 62.3 50.6 75.8
182 2.8 2.3 3.5



#58
Fluorene
Concen: 43.668 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:166 Resp: 445873
Ion Ratio Lower Upper
166 100
165 93.8 75.2 112.8
167 13.6 10.6 15.8

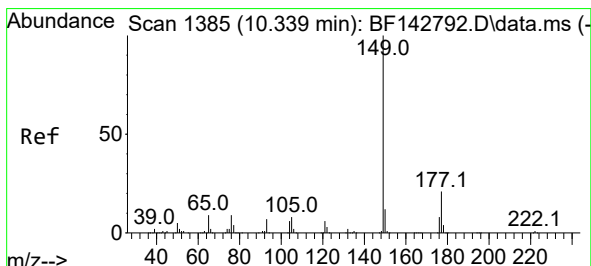
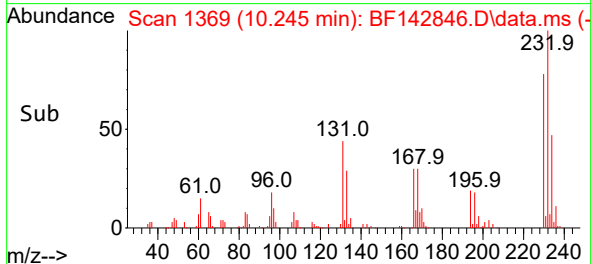
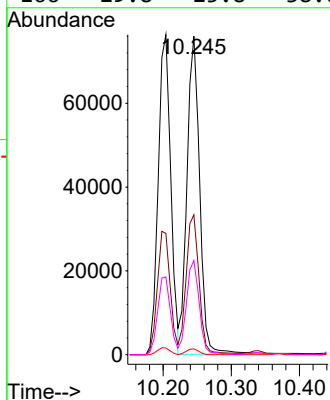
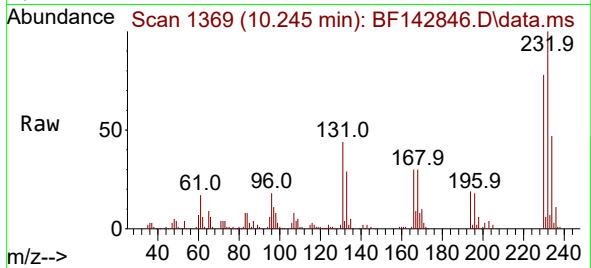




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.929 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

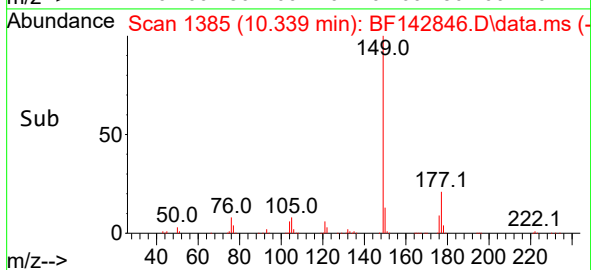
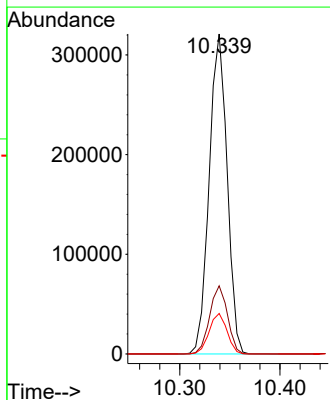
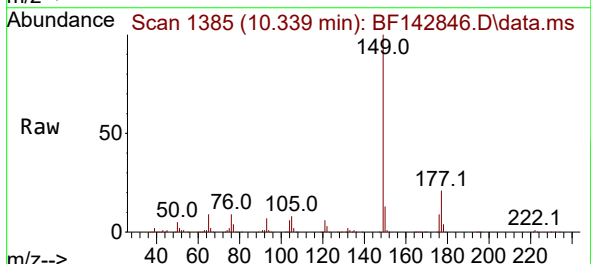
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

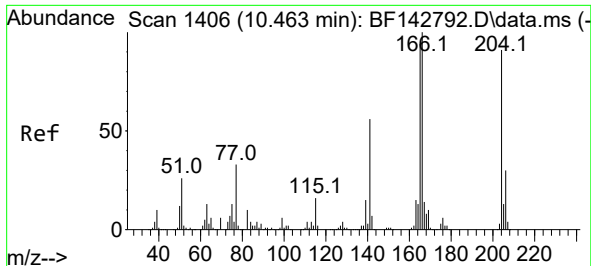
Tgt Ion:232 Resp: 97254
Ion Ratio Lower Upper
232 100
131 43.9 37.6 56.4
130 1.8 1.7 2.5
166 29.8 25.8 38.6



#60
Diethylphthalate
Concen: 41.111 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:149 Resp: 399536
Ion Ratio Lower Upper
149 100
177 21.3 17.0 25.6
150 12.6 9.8 14.6

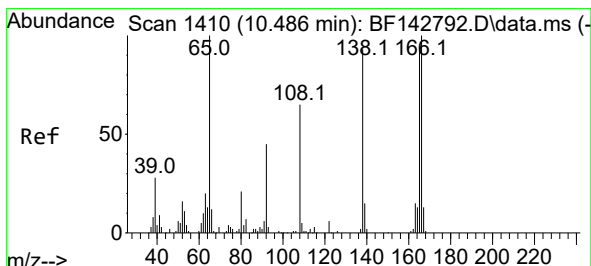
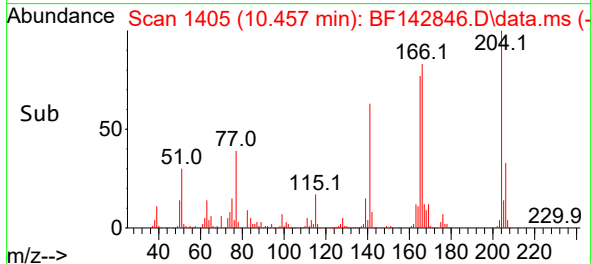
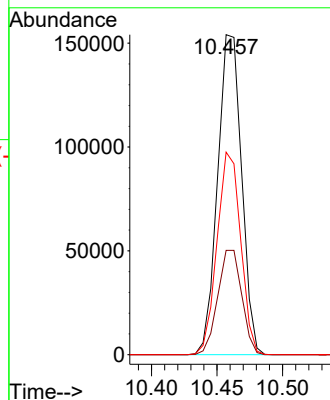
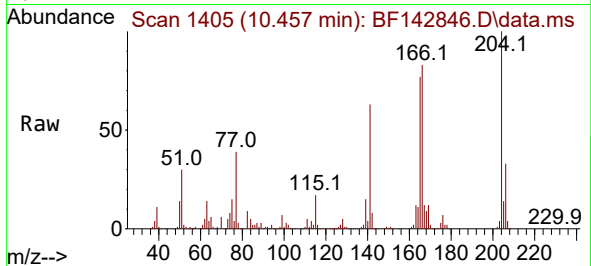




#61
4-Chlorophenyl-phenylether
Concen: 40.255 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

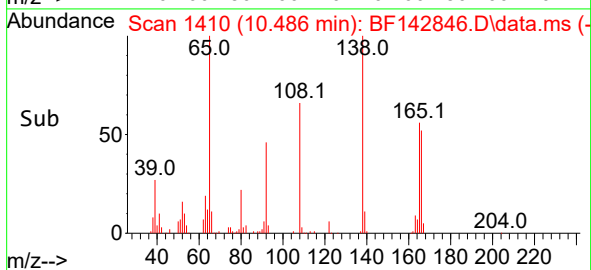
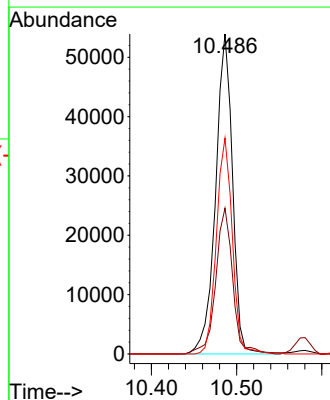
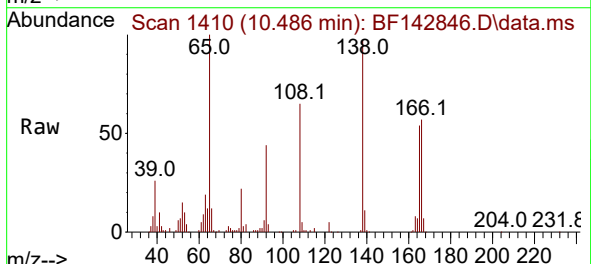
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

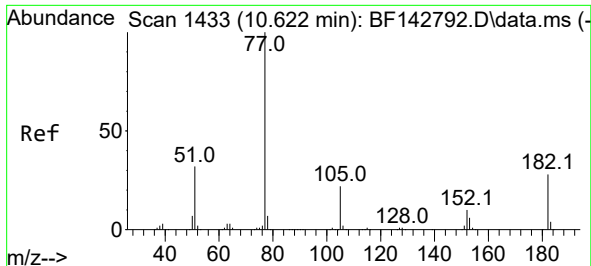
Tgt Ion:204 Resp: 196132
Ion Ratio Lower Upper
204 100
206 32.6 26.3 39.5
141 63.3 49.1 73.7



#62
4-Nitroaniline
Concen: 33.964 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:138 Resp: 74446
Ion Ratio Lower Upper
138 100
92 45.6 28.4 68.4
108 67.5 50.2 90.2

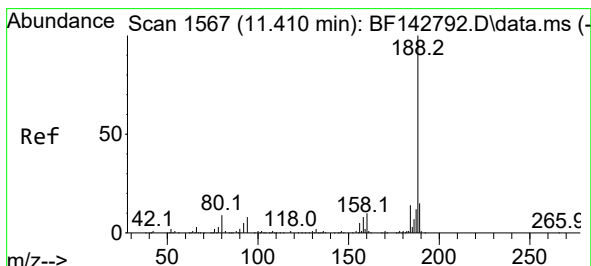
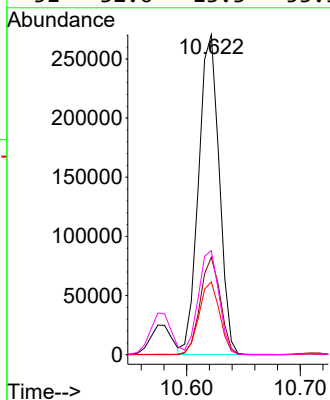
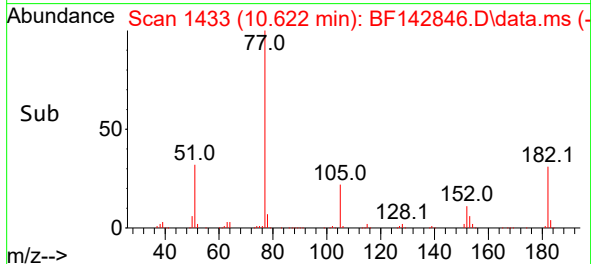
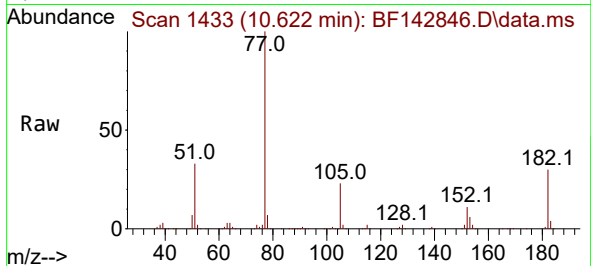




#63
Azobenzene
Concen: 39.244 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

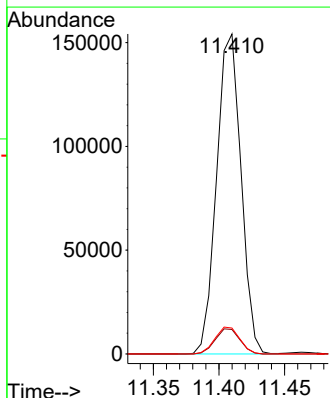
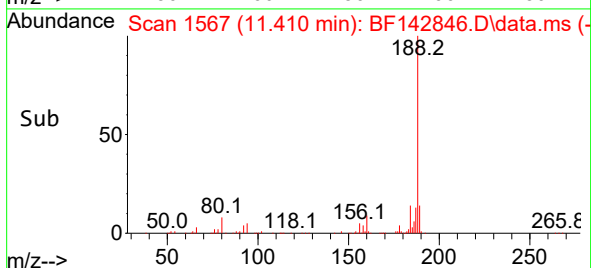
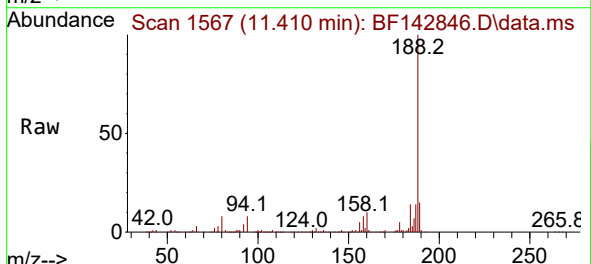
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

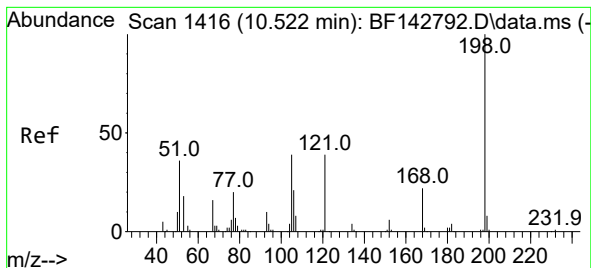
Tgt Ion:	77	Resp:	340871
Ion	Ratio	Lower	Upper
77	100		
182	30.5	7.7	47.7
105	22.8	1.9	41.9
51	32.6	13.3	53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:	188	Resp:	199589
Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.7	10.1
80	8.1	6.9	10.3

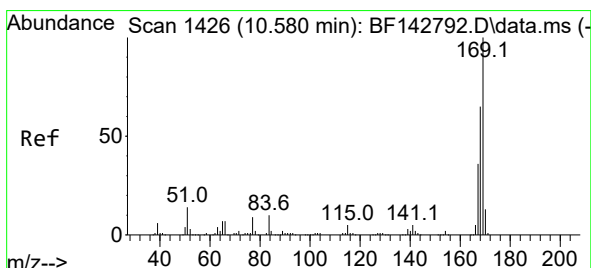
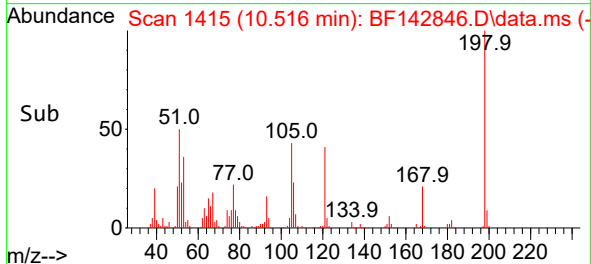
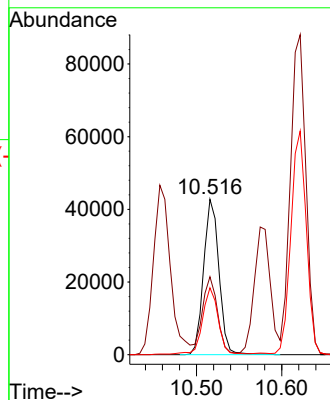
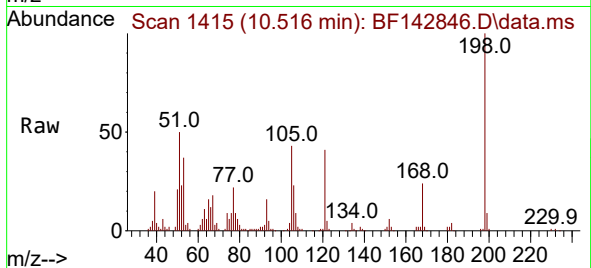




#65
4,6-Dinitro-2-methylphenol
Concen: 44.458 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

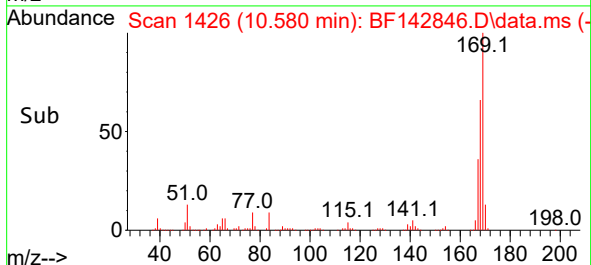
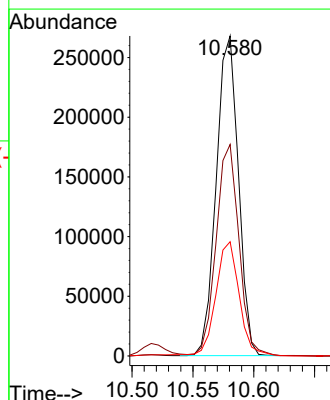
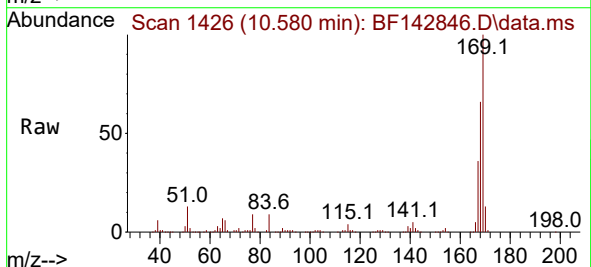
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

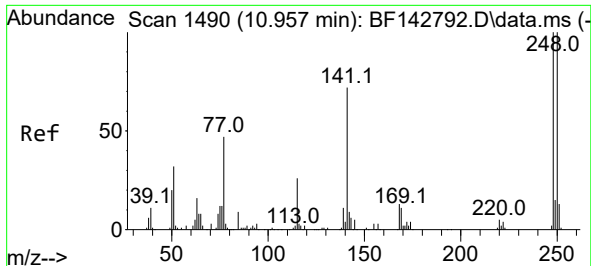
Tgt Ion:198 Resp: 53672
Ion Ratio Lower Upper
198 100
51 50.1 25.4 65.4
105 43.0 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 48.881 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:169 Resp: 338125
Ion Ratio Lower Upper
169 100
168 66.1 51.9 77.9
167 35.7 28.5 42.7

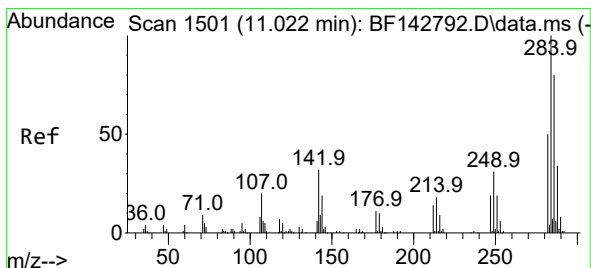
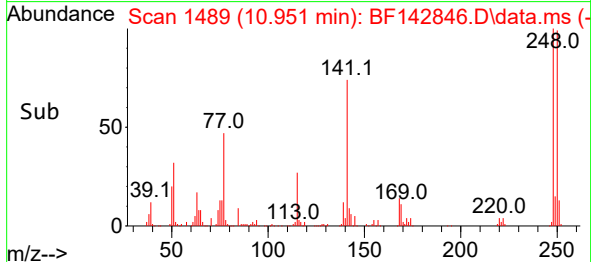
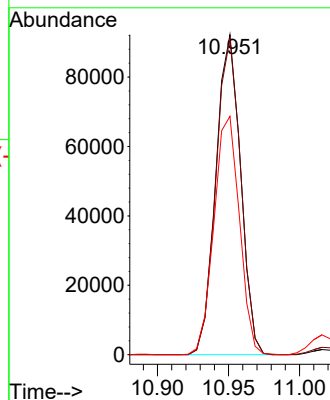
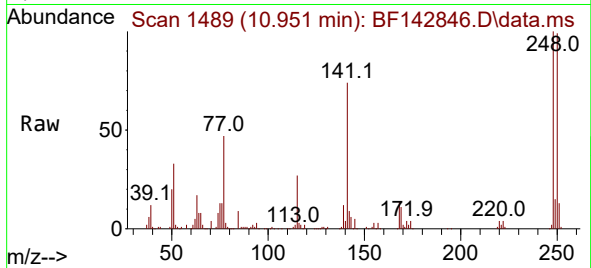




#67
4-Bromophenyl-phenylether
Concen: 49.225 ng
RT: 10.951 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

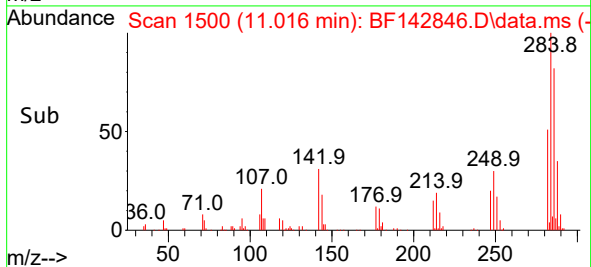
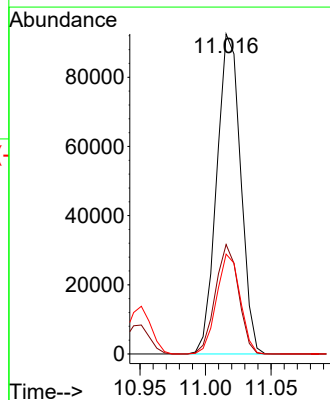
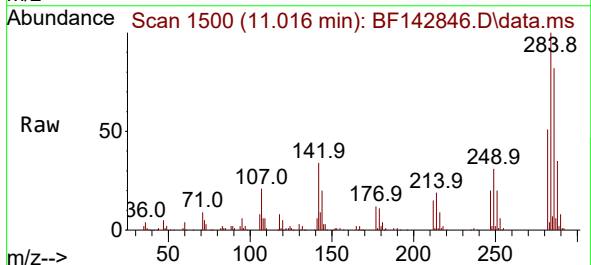
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

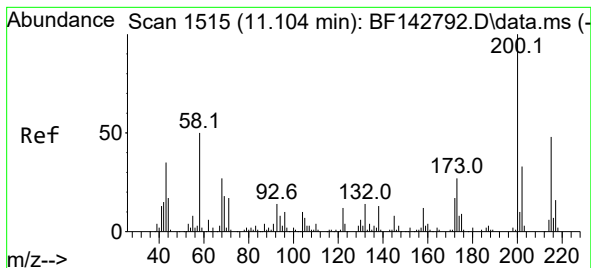
Tgt Ion:248 Resp: 111816
Ion Ratio Lower Upper
248 100
250 98.9 79.8 119.8
141 74.5 57.8 86.6



#68
Hexachlorobenzene
Concen: 46.392 ng
RT: 11.016 min Scan# 1500
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:284 Resp: 117094
Ion Ratio Lower Upper
284 100
142 34.2 25.5 38.3
249 31.2 24.9 37.3





#69

Atrazine

Concen: 46.967 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

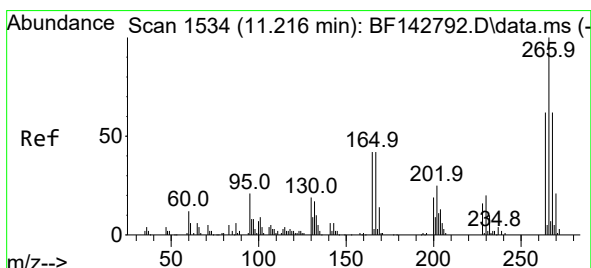
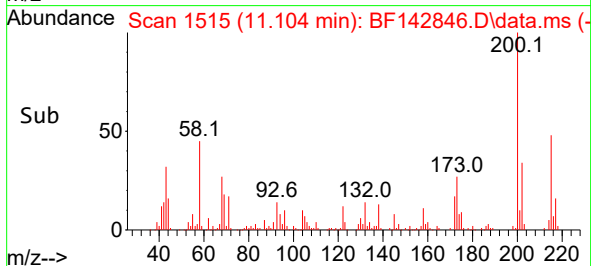
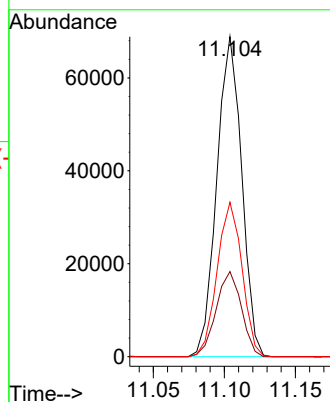
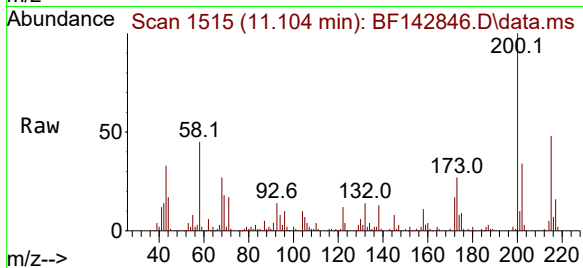
Tgt Ion:200 Resp: 83896

Ion Ratio Lower Upper

200 100

173 26.6 7.4 47.4

215 48.2 28.4 68.4



#70

Pentachlorophenol

Concen: 86.120 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

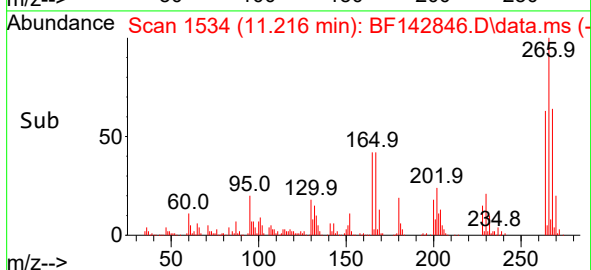
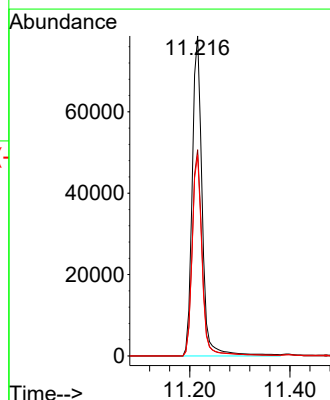
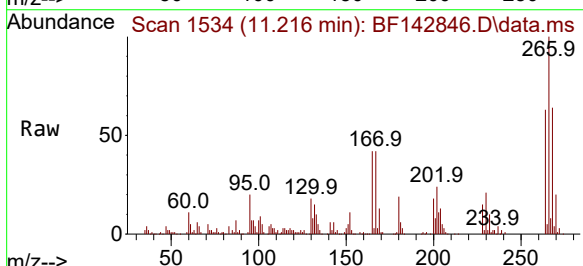
Tgt Ion:266 Resp: 108315

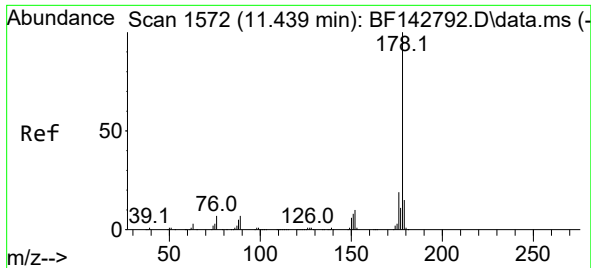
Ion Ratio Lower Upper

266 100

268 64.4 49.8 74.8

264 62.8 49.9 74.9

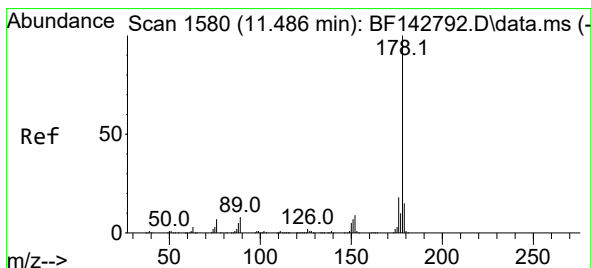
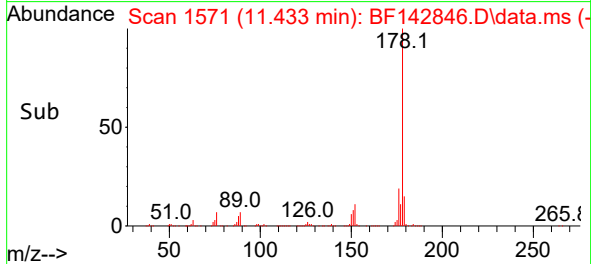
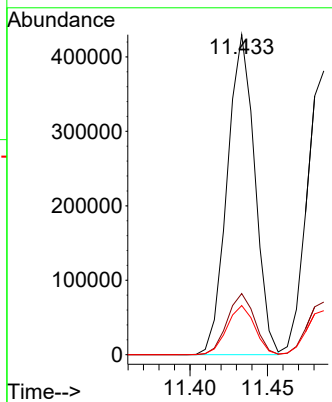
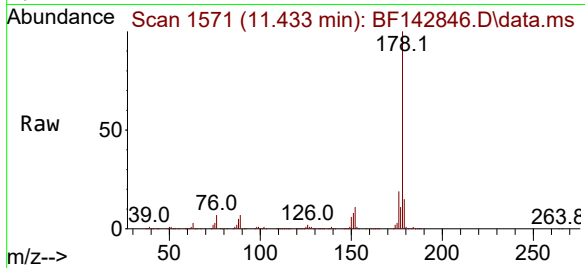




#71
Phenanthrene
Concen: 49.022 ng
RT: 11.433 min Scan# 1571
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

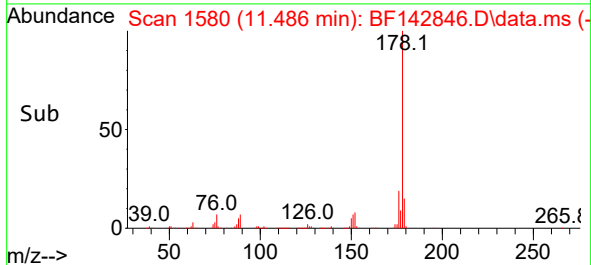
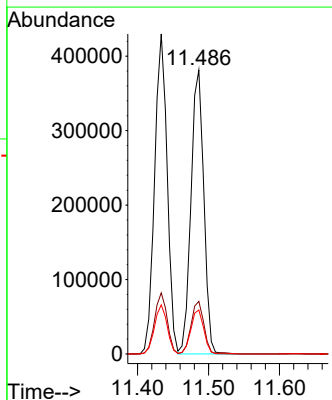
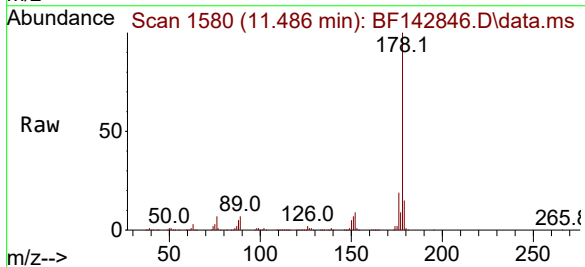
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

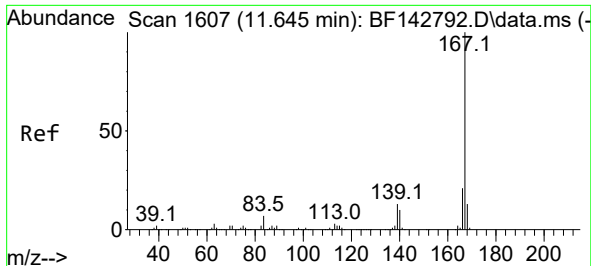
Tgt Ion:178 Resp: 530012
Ion Ratio Lower Upper
178 100
176 19.1 15.1 22.7
179 15.3 12.0 18.0



#72
Anthracene
Concen: 43.207 ng
RT: 11.486 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:178 Resp: 479098
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.5 12.4 18.6

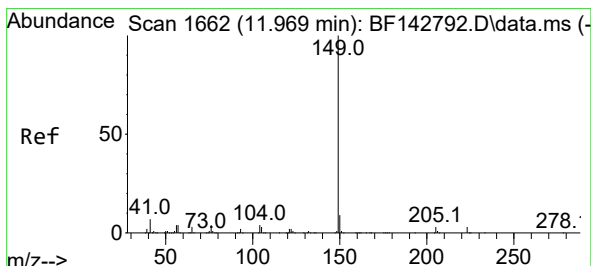
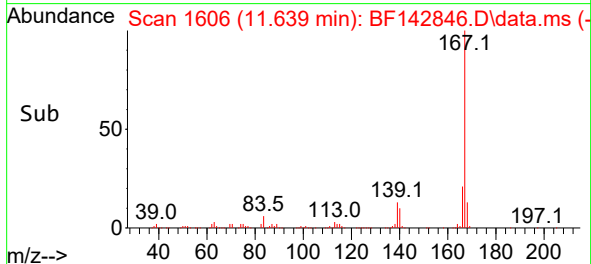
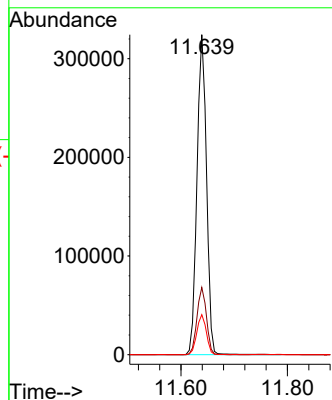
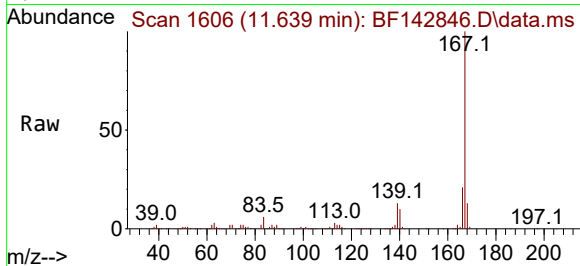




#73
 Carbazole
 Concen: 42.077 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

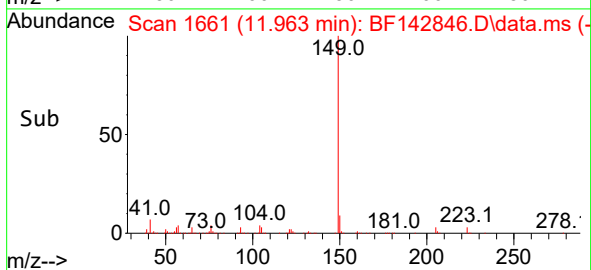
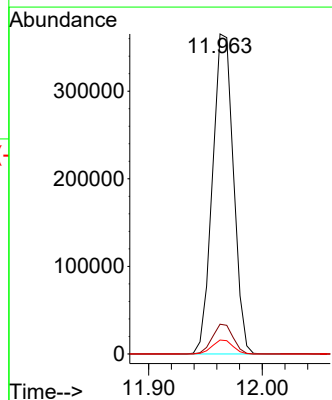
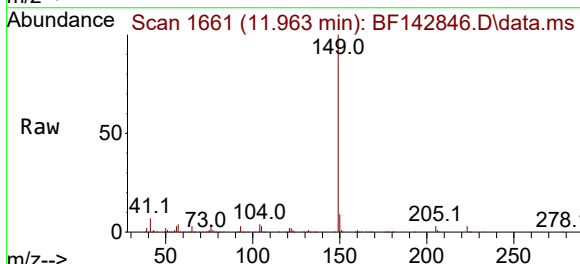
Instrument :
 BNA_F
 ClientSampleId :
 SU-1-062025MS

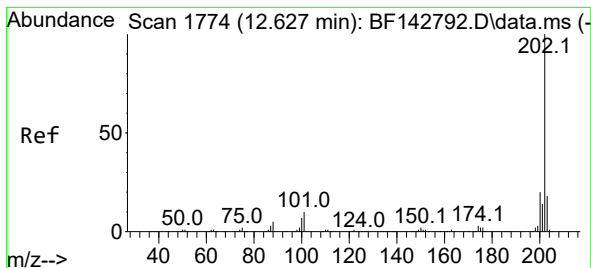
Tgt Ion:167 Resp: 402625
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.0 25.4
 139 12.5 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 47.020 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

Tgt Ion:149 Resp: 468710
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.4 3.5 5.3





#75

Fluoranthene

Concen: 41.377 ng

RT: 12.622 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

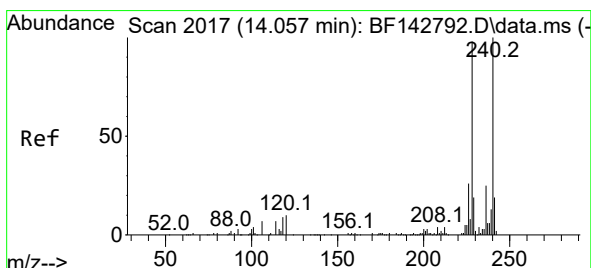
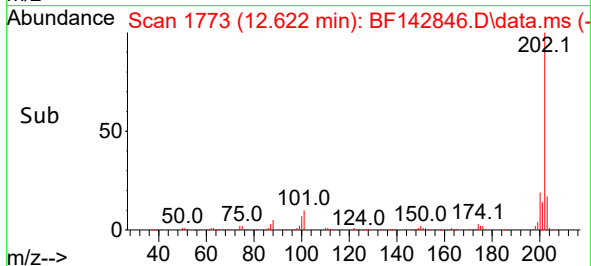
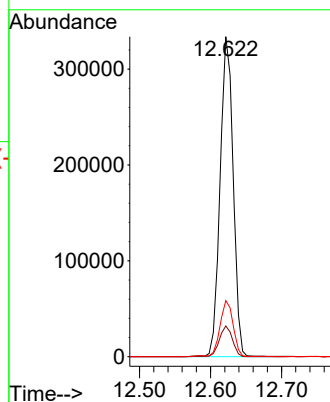
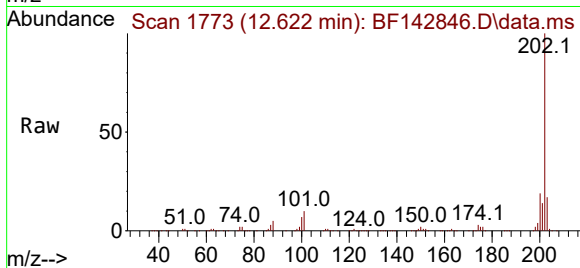
Tgt Ion:202 Resp: 424565

Ion Ratio Lower Upper

202 100

101 9.6 0.0 29.7

203 17.5 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2017

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

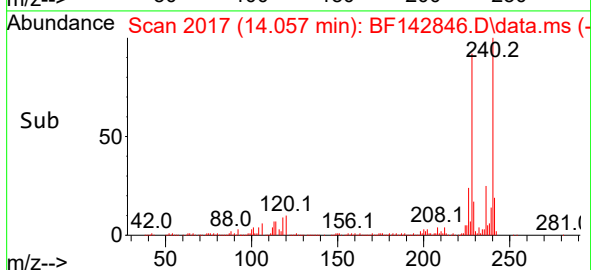
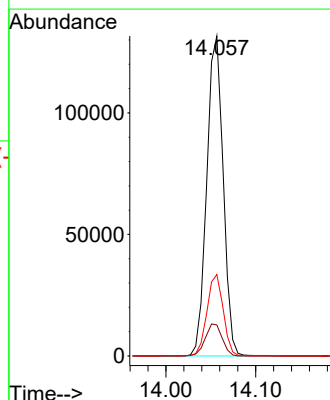
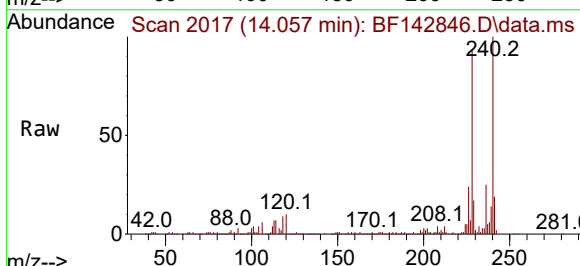
Tgt Ion:240 Resp: 167157

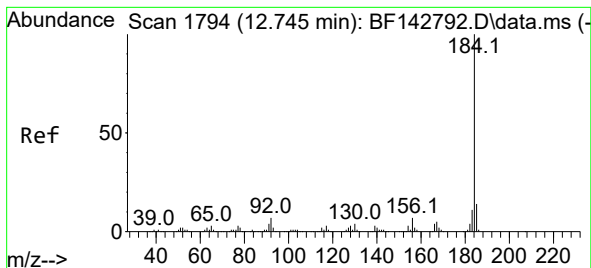
Ion Ratio Lower Upper

240 100

120 9.7 8.2 12.2

236 25.4 19.8 29.8





#77

Benzidine

Concen: 7.089 ng

RT: 12.745 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

Instrument :

BNA_F

ClientSampleId :

SU-1-062025MS

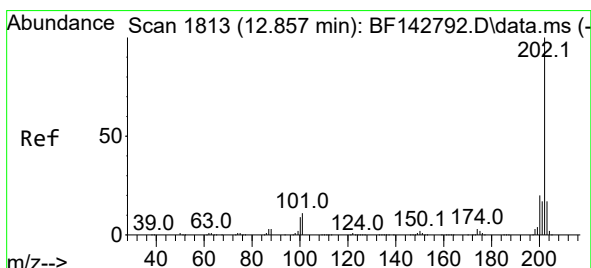
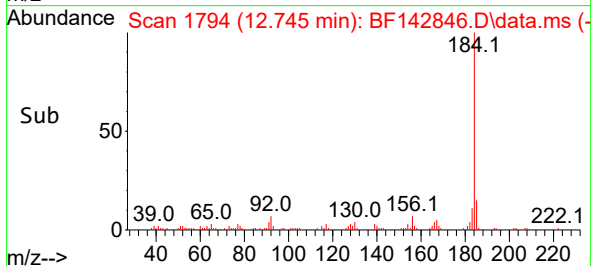
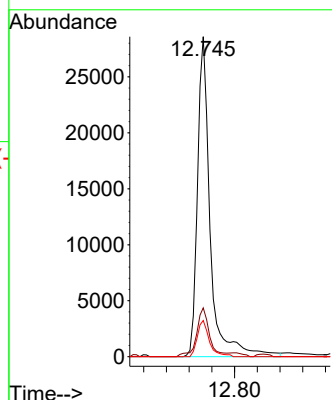
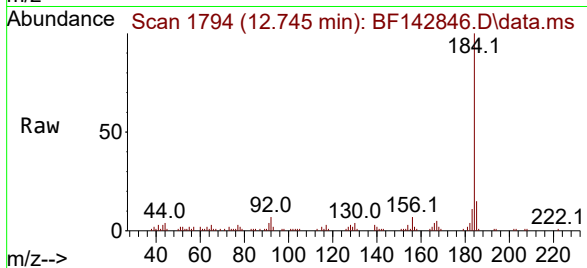
Tgt Ion:184 Resp: 44523

Ion Ratio Lower Upper

184 100

185 15.3 11.5 17.3

183 11.3 9.0 13.4



#78

Pyrene

Concen: 26.918 ng

RT: 12.851 min Scan# 1812

Delta R.T. -0.006 min

Lab File: BF142846.D

Acq: 25 Jun 2025 19:37

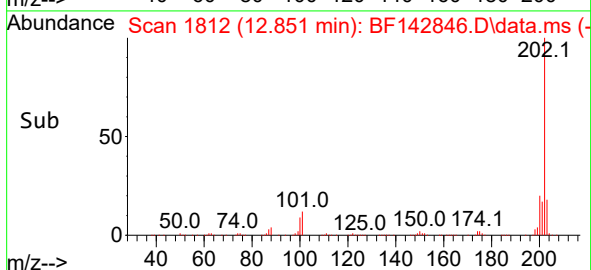
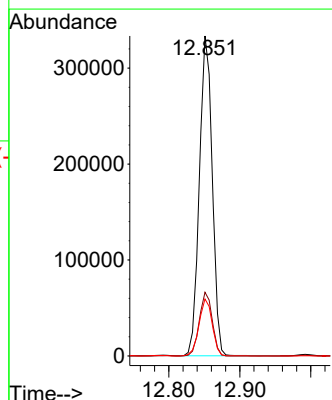
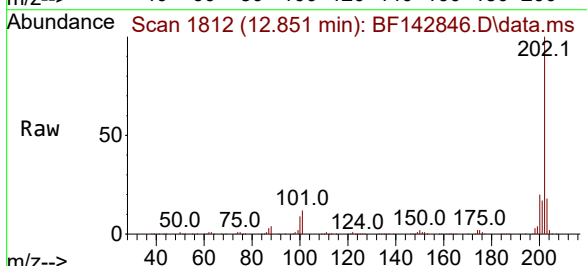
Tgt Ion:202 Resp: 421762

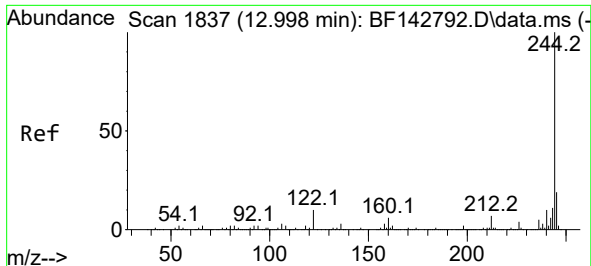
Ion Ratio Lower Upper

202 100

200 19.9 15.7 23.5

203 17.8 13.8 20.6

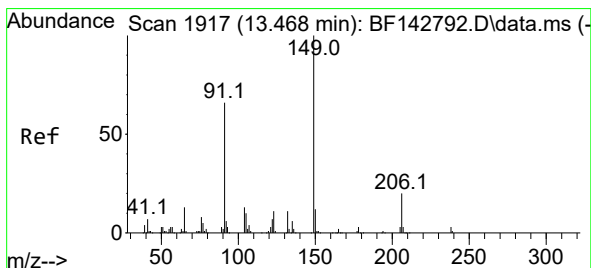
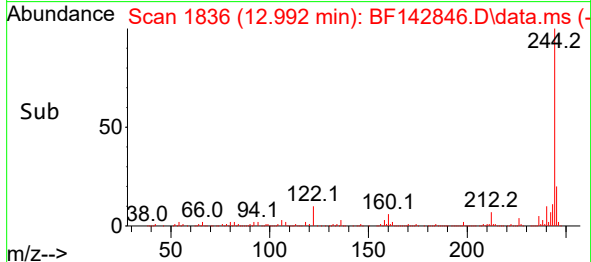
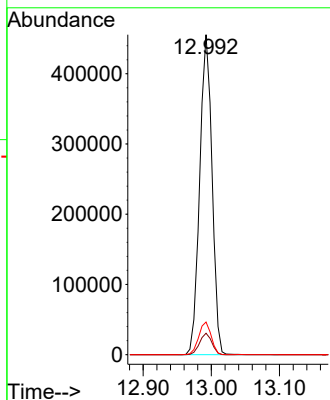
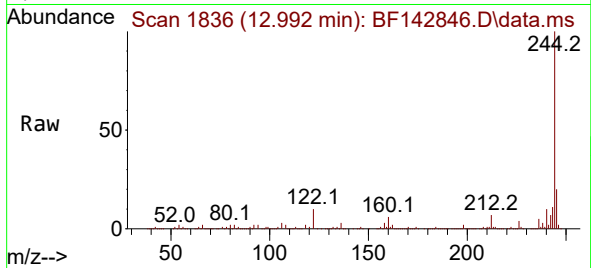




#79
 Terphenyl-d14
 Concen: 47.305 ng
 RT: 12.992 min Scan# 1836
 Delta R.T. -0.006 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

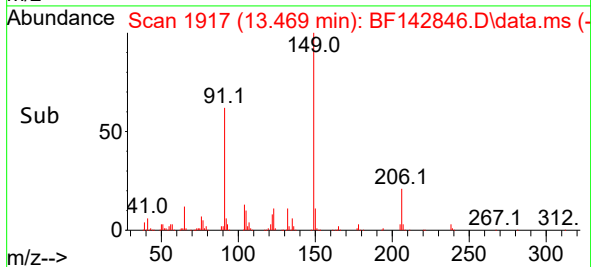
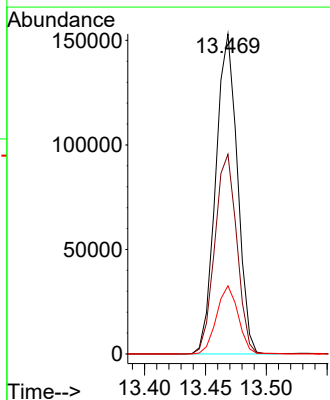
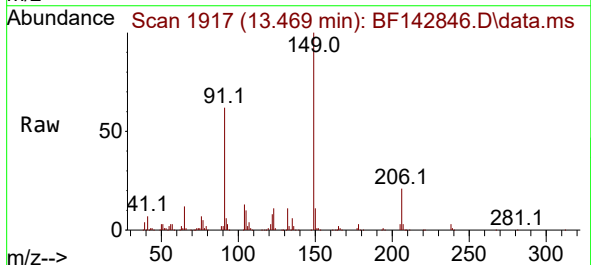
Instrument :
 BNA_F
 ClientSampleId :
 SU-1-062025MS

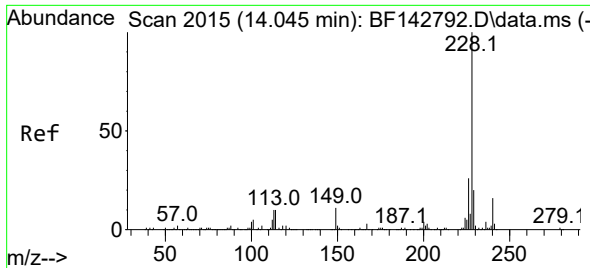
Tgt Ion:244 Resp: 572296
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.2 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 41.814 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142846.D
 Acq: 25 Jun 2025 19:37

Tgt Ion:149 Resp: 190044
 Ion Ratio Lower Upper
 149 100
 91 62.4 52.9 79.3
 206 21.3 16.3 24.5

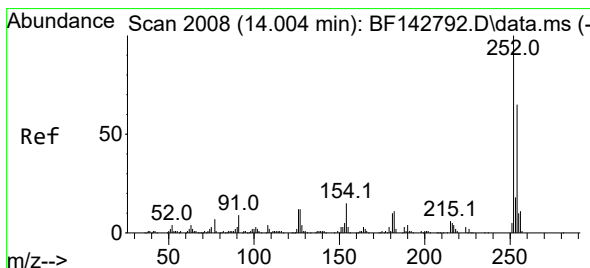
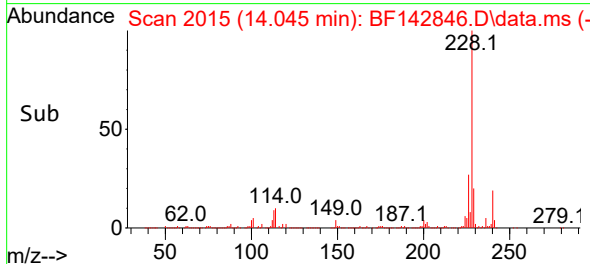
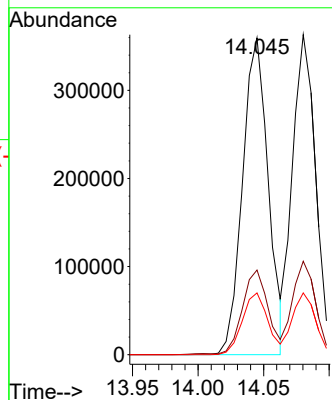
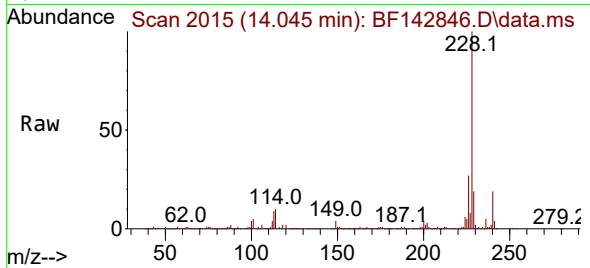




#81
Benzo(a)anthracene
Concen: 43.494 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

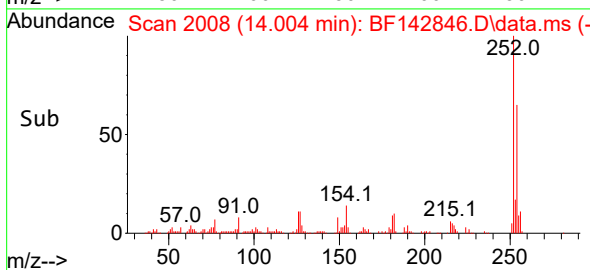
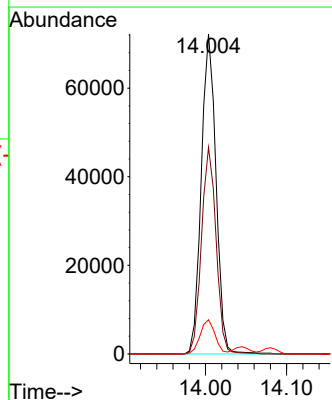
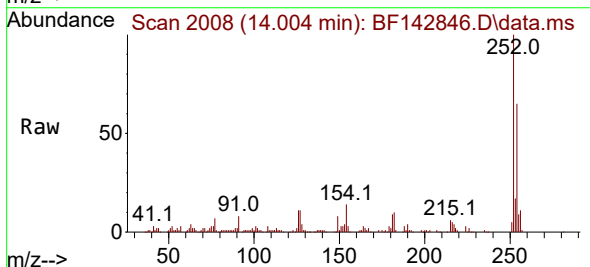
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

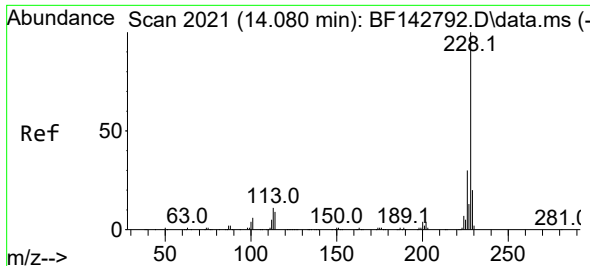
Tgt Ion:228 Resp: 490466
Ion Ratio Lower Upper
228 100
226 26.7 21.2 31.8
229 19.5 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 24.881 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:252 Resp: 91005
Ion Ratio Lower Upper
252 100
254 64.6 51.7 77.5
126 10.7 9.4 14.2

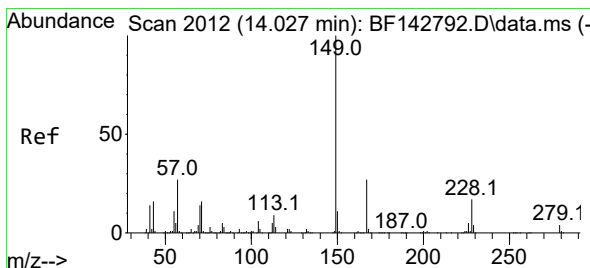
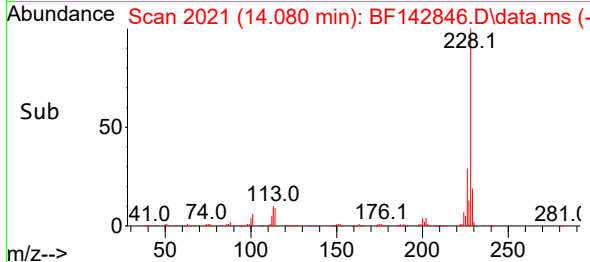
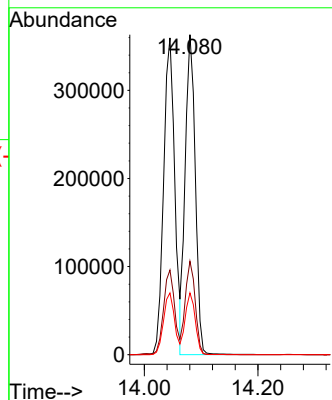
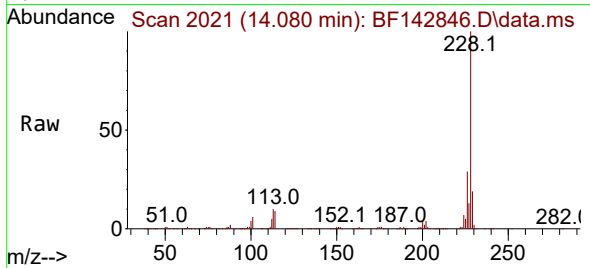




#83
Chrysene
Concen: 44.249 ng
RT: 14.080 min Scan# 2021
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

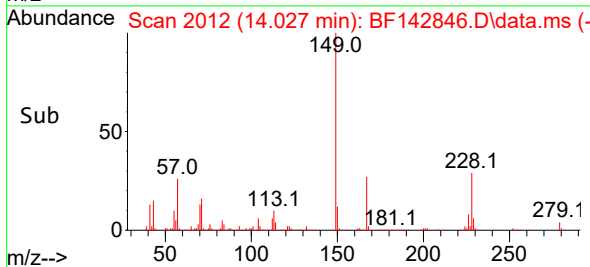
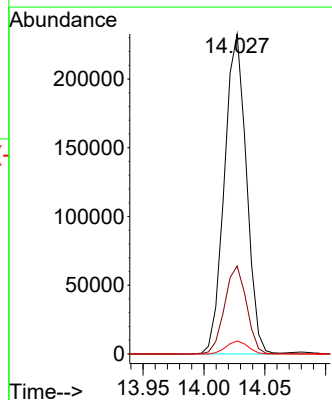
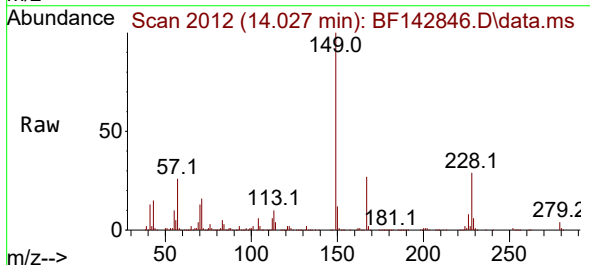
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

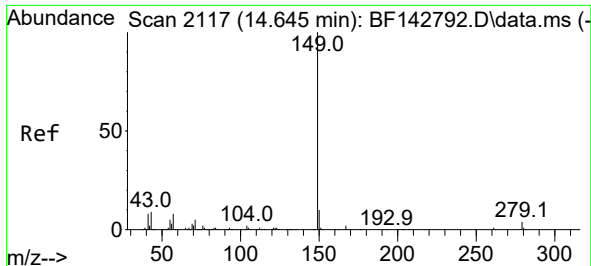
Tgt Ion:228 Resp: 445251
Ion Ratio Lower Upper
228 100
226 29.2 23.7 35.5
229 19.3 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.838 ng
RT: 14.027 min Scan# 2012
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:149 Resp: 293202
Ion Ratio Lower Upper
149 100
167 27.5 21.4 32.0
279 4.0 3.0 4.6

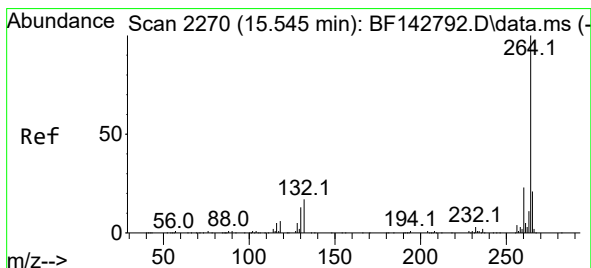
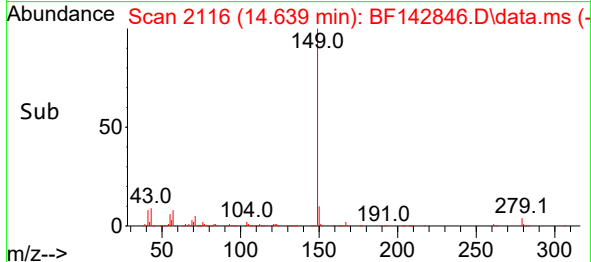
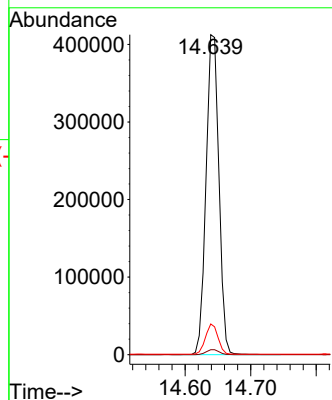
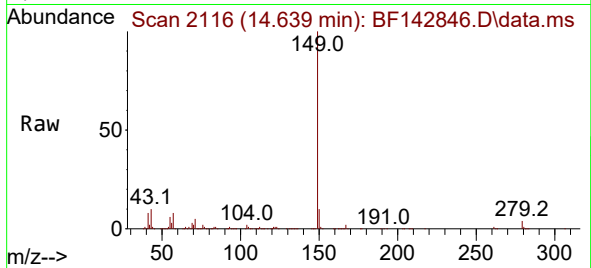




#85
Di-n-octyl phthalate
Concen: 45.734 ng
RT: 14.639 min Scan# 2117
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

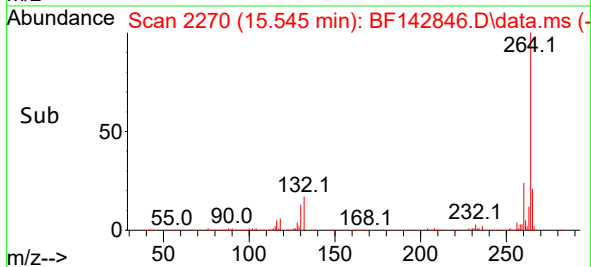
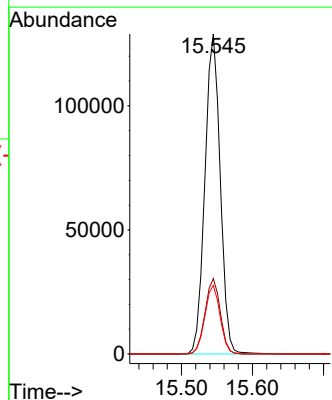
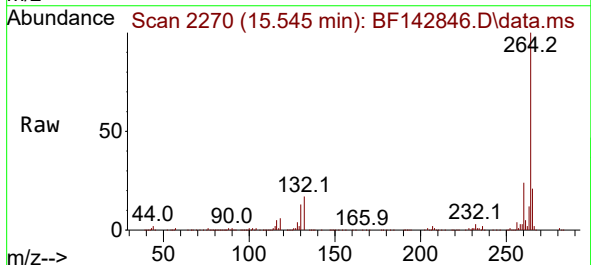
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

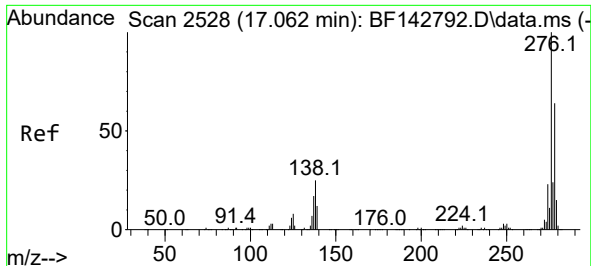
Tgt Ion:149 Resp: 563926
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.1 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 2270
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

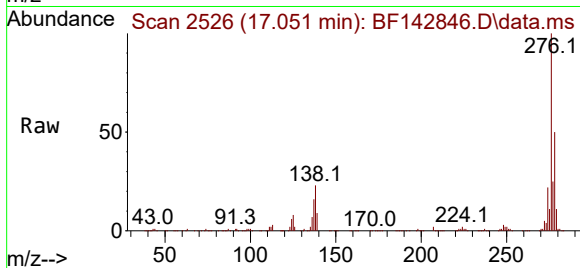
Tgt Ion:264 Resp: 193910
Ion Ratio Lower Upper
264 100
260 23.6 18.1 27.1
265 21.4 16.6 25.0



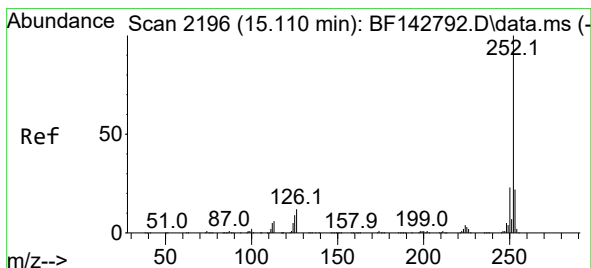
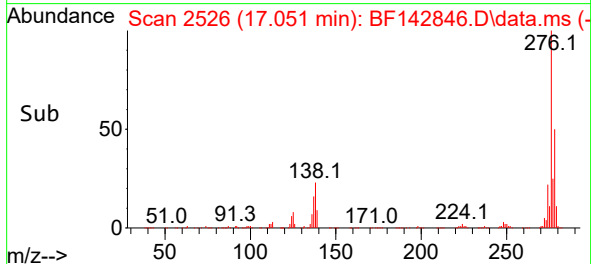
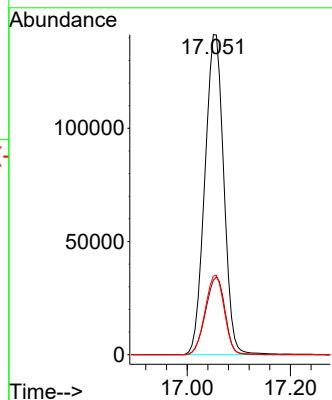


#87
Indeno(1,2,3-cd)pyrene
Concen: 24.353 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

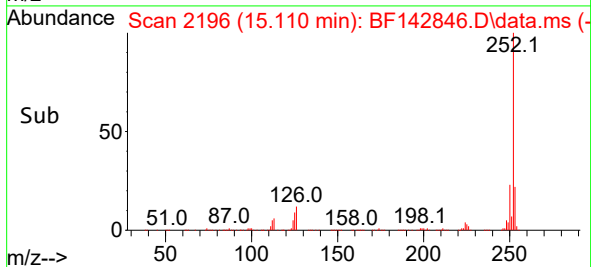
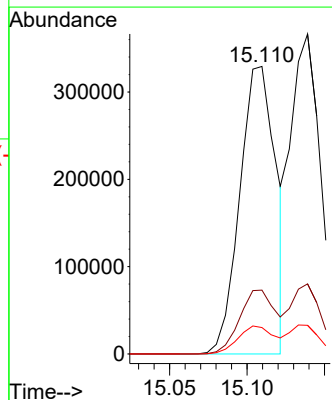
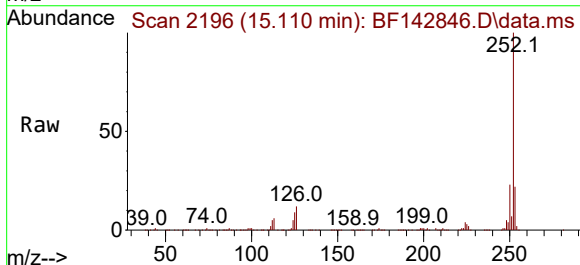


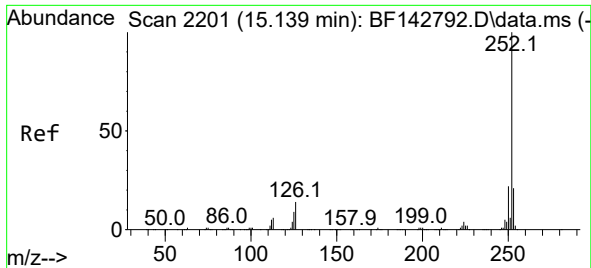
Tgt Ion:276 Resp: 359693
Ion Ratio Lower Upper
276 100
138 24.8 20.2 30.4
277 25.2 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 47.434 ng
RT: 15.110 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:252 Resp: 532234
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 9.2 7.4 11.0

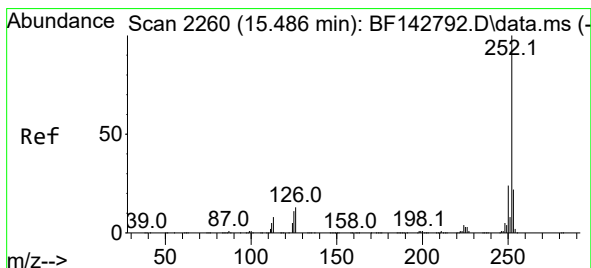
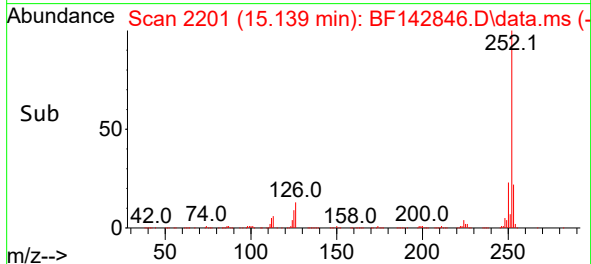
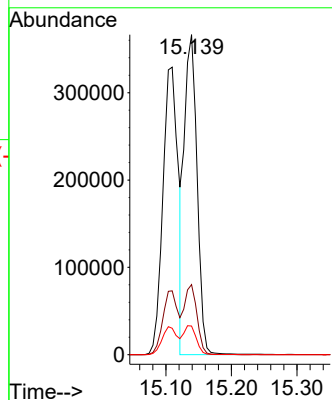
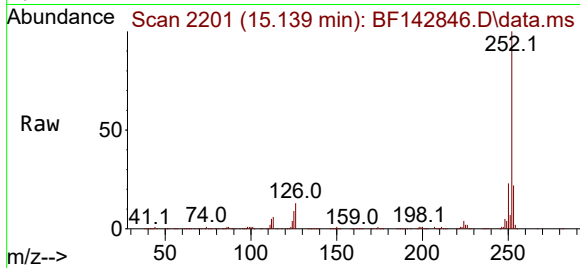




#89
Benzo(k)fluoranthene
Concen: 46.906 ng
RT: 15.139 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

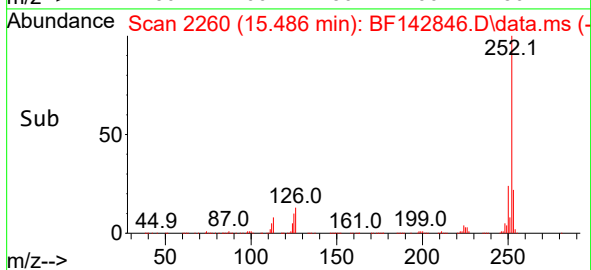
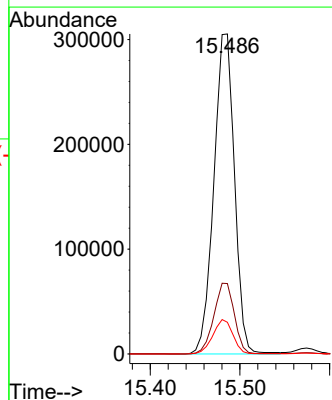
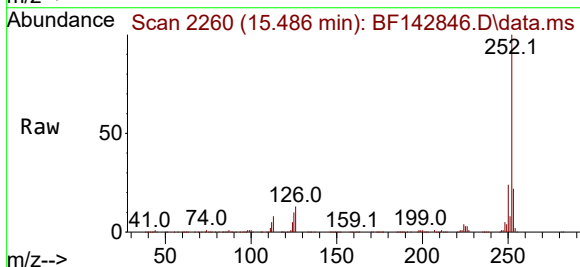
Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

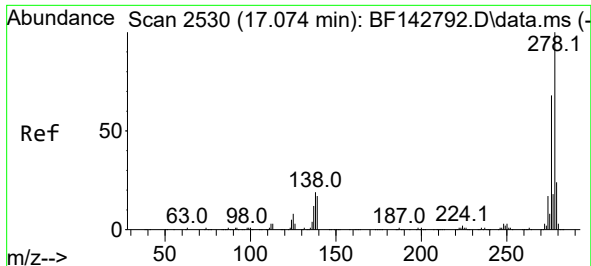
Tgt Ion:252 Resp: 492400
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 45.018 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:252 Resp: 487980
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 9.9 8.6 12.8

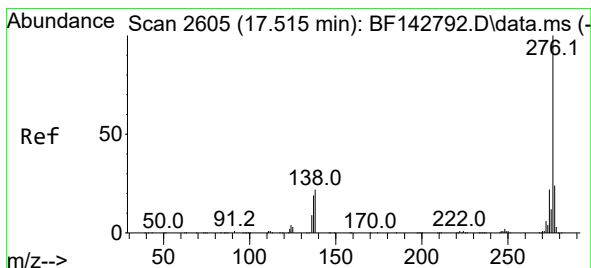
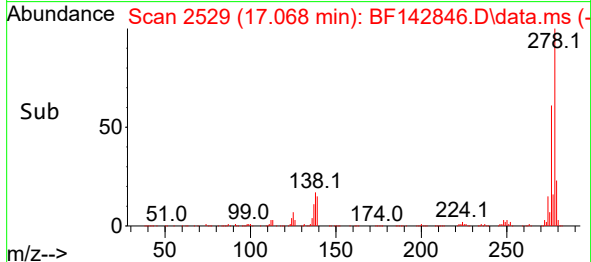
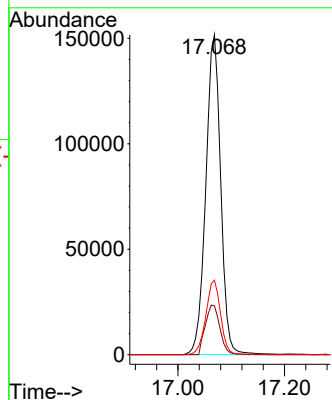
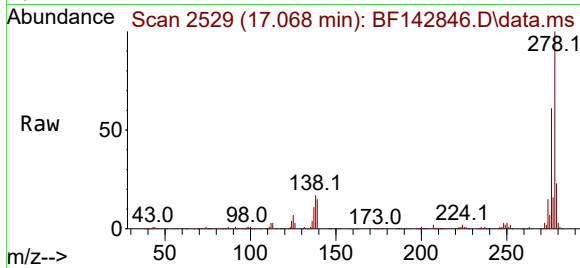




#91
Dibenzo(a,h)anthracene
Concen: 24.603 ng
RT: 17.068 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Instrument :
BNA_F
ClientSampleId :
SU-1-062025MS

Tgt Ion:278 Resp: 295257
Ion Ratio Lower Upper
278 100
139 15.2 13.5 20.3
279 23.3 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 21.540 ng
RT: 17.504 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF142846.D
Acq: 25 Jun 2025 19:37

Tgt Ion:276 Resp: 257767
Ion Ratio Lower Upper
276 100
277 23.3 18.8 28.2
138 20.9 17.6 26.4

