

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062525\
 Data File : BF142834.D
 Acq On : 25 Jun 2025 13:25
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 25 14:10:21 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	62666	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	217016	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	105351	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	165051	20.000	ng	0.00
76) Chrysene-d12	14.057	240	130450	20.000	ng	0.00
86) Perylene-d12	15.551	264	161869	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	328466	87.268	ng	0.00
7) Phenol-d6	6.510	99	375586	84.579	ng	0.00
23) Nitrobenzene-d5	7.445	82	372510	94.152	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	91255	84.173	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	757016	94.396	ng	0.00
79) Terphenyl-d14	12.998	244	667218	70.670	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.616	88	62751	41.682	ng	99
3) Pyridine	3.393	79	155870	41.299	ng	98
4) n-Nitrosodimethylamine	3.334	42	81166	41.588	ng	99
6) Aniline	6.539	93	182298	30.853	ng	96
8) 2-Chlorophenol	6.663	128	172698	42.535	ng	99
9) Benzaldehyde	6.428	77	200638	76.157	ng	97
10) Phenol	6.522	94	201697	40.861	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	148747	42.163	ng	97
12) 1,3-Dichlorobenzene	6.822	146	192285	42.346	ng	99
13) 1,4-Dichlorobenzene	6.898	146	191969	41.902	ng	98
14) 1,2-Dichlorobenzene	7.051	146	179627	41.338	ng	99
15) Benzyl Alcohol	7.022	79	133269	41.513	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	228661	40.342	ng	98
17) 2-Methylphenol	7.128	107	122767	39.900	ng	99
18) Hexachloroethane	7.392	117	67123	41.888	ng	95
19) n-Nitroso-di-n-propyla...	7.286	70	101541	39.316	ng	99
20) 3+4-Methylphenols	7.286	107	156461	40.784	ng	91
22) Acetophenone	7.286	105	210366	43.958	ng	99
24) Nitrobenzene	7.463	77	156272	43.639	ng	98
25) Isophorone	7.698	82	244787	38.568	ng	100
26) 2-Nitrophenol	7.781	139	88606	45.422	ng	97
27) 2,4-Dimethylphenol	7.816	122	110534m	32.712	ng	
28) bis(2-Chloroethoxy)met...	7.910	93	171235	42.437	ng	99
29) 2,4-Dichlorophenol	8.022	162	136247	44.470	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	149500	44.376	ng	98
31) Naphthalene	8.186	128	478483	45.044	ng	100
32) Benzoic acid	7.916	122	84983	49.345	ng	95
33) 4-Chloroaniline	8.233	127	157517	36.468	ng	99
34) Hexachlorobutadiene	8.298	225	92637	44.953	ng	98
35) Caprolactam	8.598	113	33107	40.950	ng	98
36) 4-Chloro-3-methylphenol	8.716	107	128828	42.309	ng	99
37) 2-Methylnaphthalene	8.875	142	306467	46.536	ng	100
38) 1-Methylnaphthalene	8.975	142	300675	44.105	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	147474	47.441	ng	99
41) Hexachlorocyclopentadiene	9.028	237	84143	47.699	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	91136	44.992	ng	99

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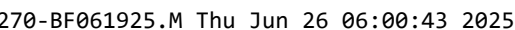
Instrument :
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	95905	44.977	ng	99
46) 1,1'-Biphenyl	9.339	154	376150	45.199	ng	100
47) 2-Chloronaphthalene	9.369	162	276163	44.220	ng	99
48) 2-Nitroaniline	9.463	65	73622	42.049	ng	97
49) Acenaphthylene	9.780	152	424345	41.275	ng	99
50) Dimethylphthalate	9.639	163	295308	43.304	ng	100
51) 2,6-Dinitrotoluene	9.704	165	65017	43.414	ng	96
52) Acenaphthene	9.957	154	281768	44.920	ng	98
53) 3-Nitroaniline	9.875	138	67550	40.967	ng	98
54) 2,4-Dinitrophenol	9.980	184	33619	44.832	ng	95
55) Dibenzofuran	10.127	168	402477	44.746	ng	99
56) 4-Nitrophenol	10.033	139	47821	42.364	ng	99
57) 2,4-Dinitrotoluene	10.110	165	82849	41.648	ng	99
58) Fluorene	10.469	166	302042	42.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	76414	44.458	ng	96
60) Diethylphthalate	10.339	149	298902	44.703	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	145019	43.262	ng	99
62) 4-Nitroaniline	10.486	138	64702	42.905	ng	97
63) Azobenzene	10.622	77	259329	43.395	ng	98
65) 4,6-Dinitro-2-methylph...	10.516	198	44027	44.100	ng	97
66) n-Nitrosodiphenylamine	10.580	169	250374	43.770	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	85430	45.479	ng	97
68) Hexachlorobenzene	11.022	284	91443	43.810	ng	98
69) Atrazine	11.104	200	66356	44.922	ng	99
70) Pentachlorophenol	11.216	266	49461	47.555	ng	98
71) Phenanthrene	11.433	178	392851	43.939	ng	100
72) Anthracene	11.486	178	386458	42.146	ng	100
73) Carbazole	11.639	167	353066	44.618	ng	100
74) Di-n-butylphthalate	11.969	149	430341	52.204	ng	100
75) Fluoranthene	12.627	202	404373	47.656	ng	99
77) Benzidine	12.751	184	165421	33.751	ng	99
78) Pyrene	12.857	202	406353	33.232	ng	99
80) Butylbenzylphthalate	13.468	149	174834	49.292	ng	100
81) Benzo(a)anthracene	14.045	228	389721	44.285	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	123008	43.094	ng	99
83) Chrysene	14.086	228	339500	43.234	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	265043	51.937	ng	99
85) Di-n-octyl phthalate	14.645	149	476363	49.504	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	496379	40.260	ng	99
88) Benzo(b)fluoranthene	15.109	252	442080	47.198	ng	100
89) Benzo(k)fluoranthene	15.139	252	366193	41.788	ng	99
90) Benzo(a)pyrene	15.486	252	370504	40.946	ng	99
91) Dibenzo(a,h)anthracene	17.080	278	402958	40.224	ng	98
92) Benzo(g,h,i)perylene	17.521	276	412382	41.282	ng	99

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

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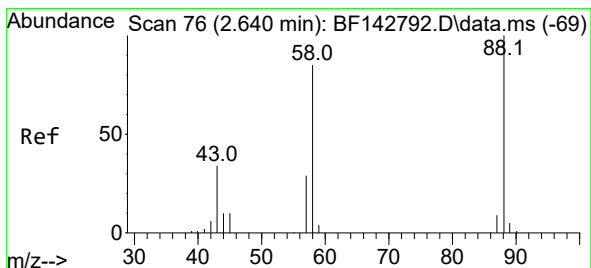
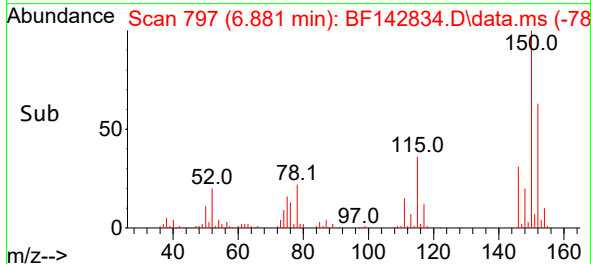
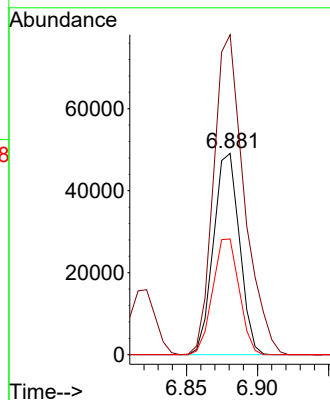
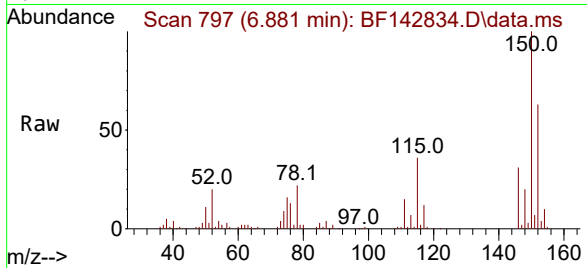




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.000 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

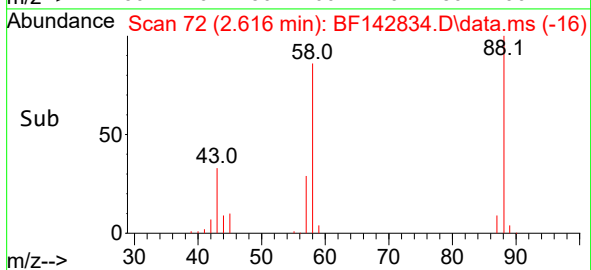
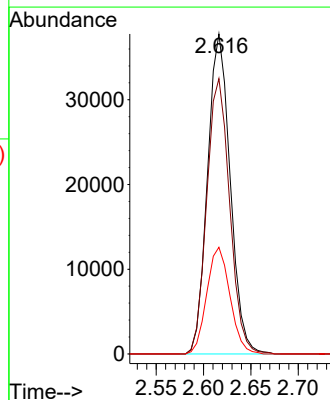
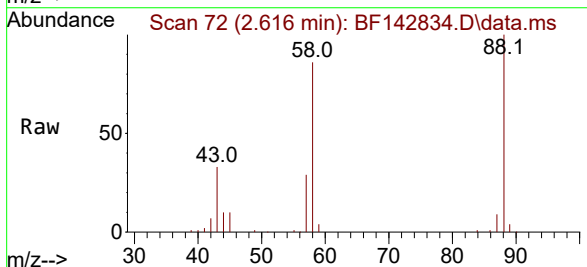
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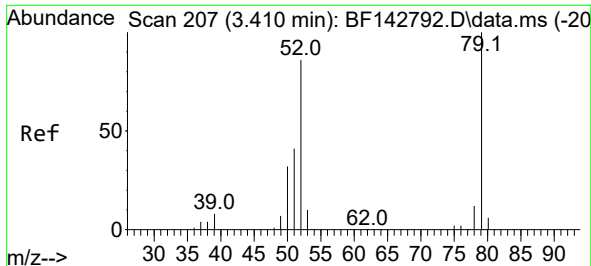
Tgt Ion:152 Resp: 62666
 Ion Ratio Lower Upper
 152 100
 150 158.9 127.2 190.8
 115 57.4 46.6 69.8



#2
 1,4-Dioxane
 Concen: 41.682 ng
 RT: 2.616 min Scan# 72
 Delta R.T. -0.024 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

Tgt Ion: 88 Resp: 62751
 Ion Ratio Lower Upper
 88 100
 58 87.1 69.1 103.7
 43 34.2 27.4 41.2

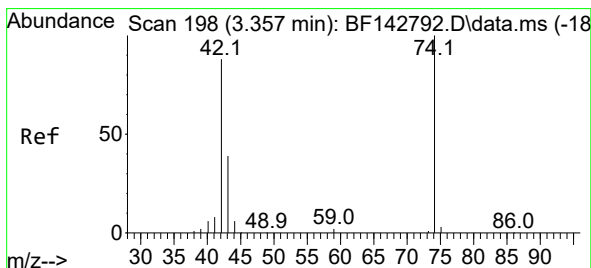
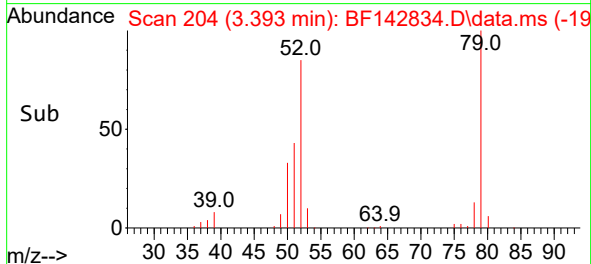
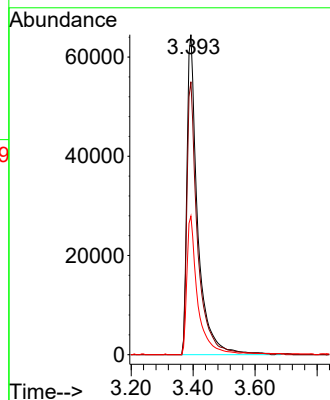
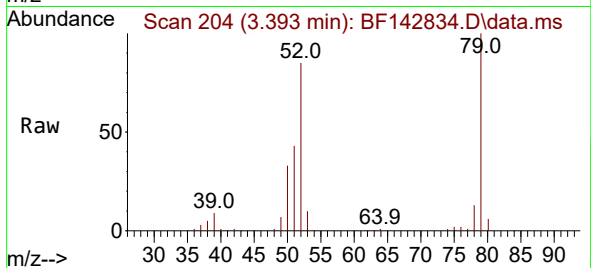




#3
Pyridine
Concen: 41.299 ng
RT: 3.393 min Scan# 207
Delta R.T. -0.018 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

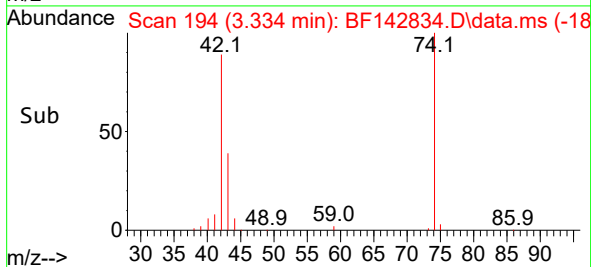
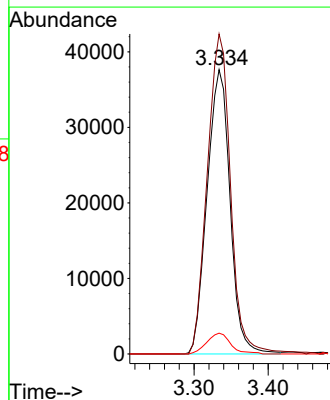
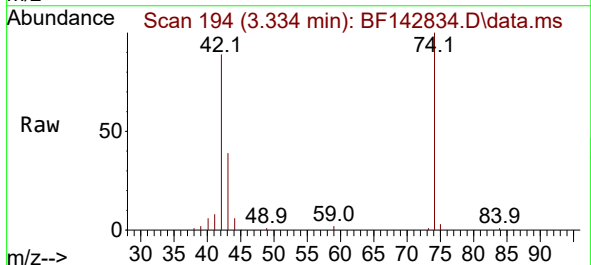
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 155870
Ion Ratio Lower Upper
79 100
52 85.3 69.2 103.8
51 43.3 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 41.588 ng
RT: 3.334 min Scan# 194
Delta R.T. -0.024 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 42 Resp: 81166
Ion Ratio Lower Upper
42 100
74 112.6 90.9 136.3
44 7.3 5.8 8.6

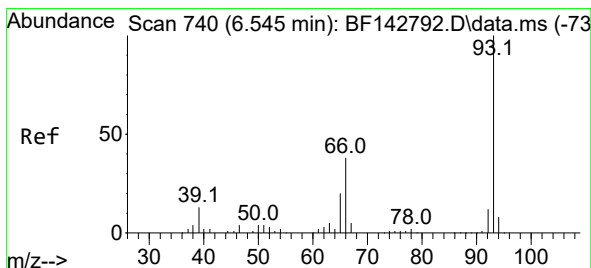
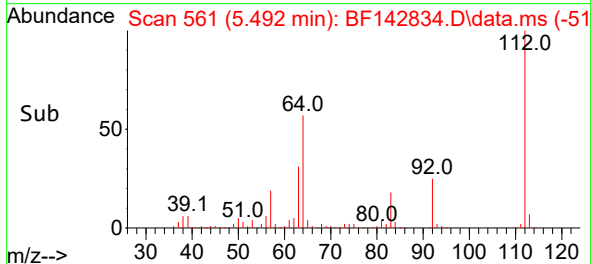
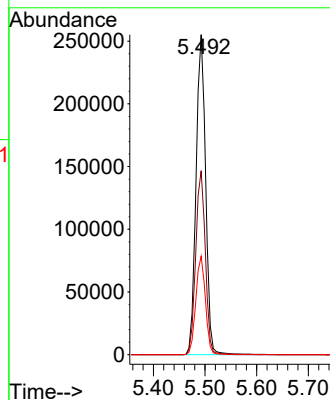
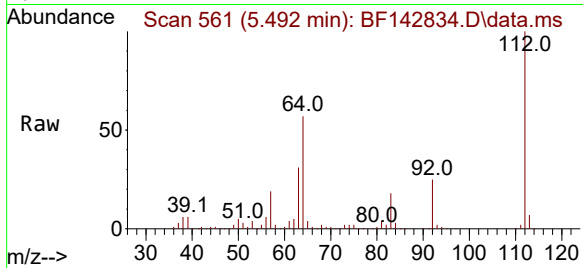




#5
2-Fluorophenol
Concen: 87.268 ng
RT: 5.492 min Scan# 561
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

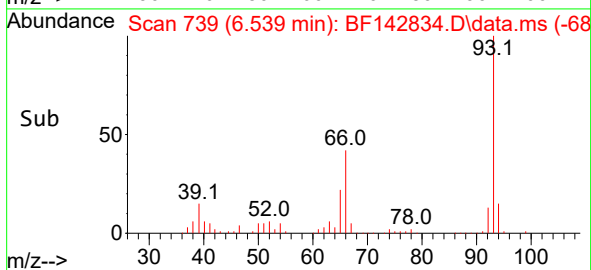
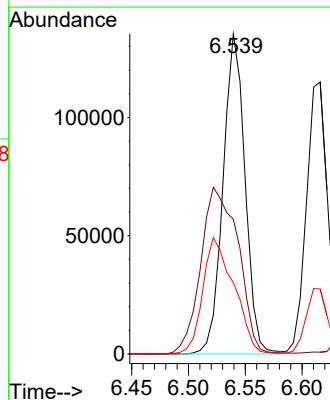
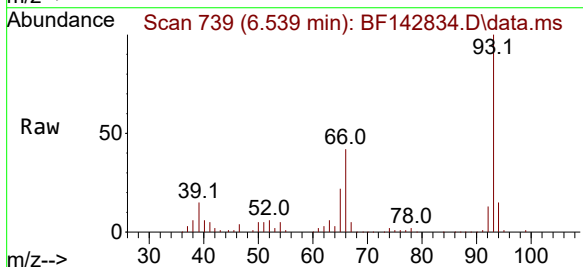
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ClientSampleId :
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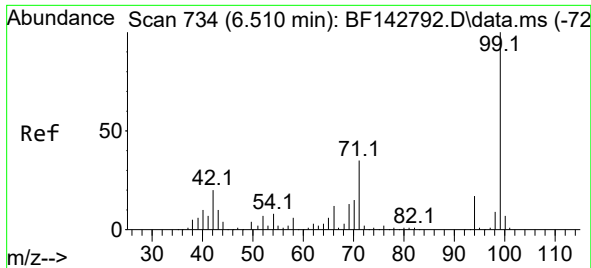
Tgt Ion:112 Resp: 328466
Ion Ratio Lower Upper
112 100
64 57.5 48.2 72.2
63 30.7 25.7 38.5



#6
Aniline
Concen: 30.853 ng
RT: 6.539 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 93 Resp: 182298
Ion Ratio Lower Upper
93 100
66 42.1 31.8 47.6
65 22.3 16.2 24.2

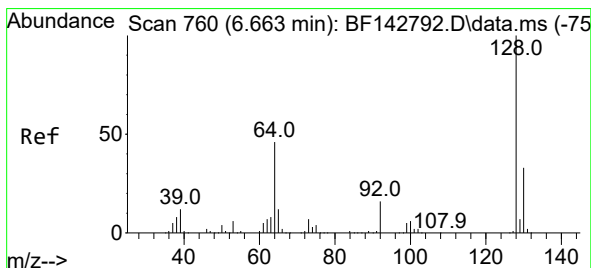
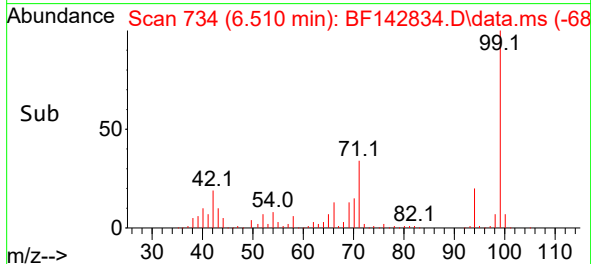
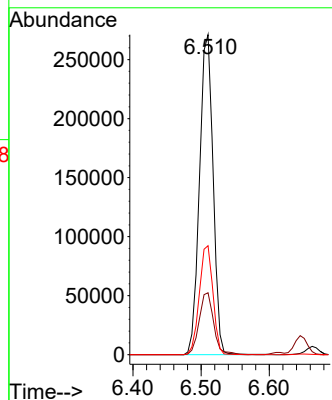
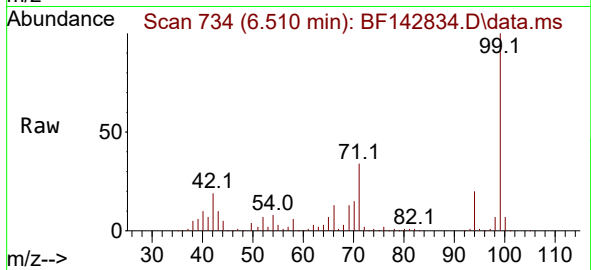




#7
Phenol-d6
Concen: 84.579 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142834.D
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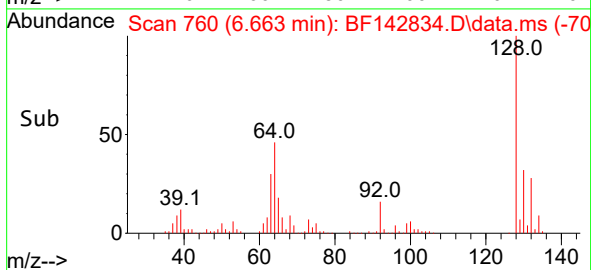
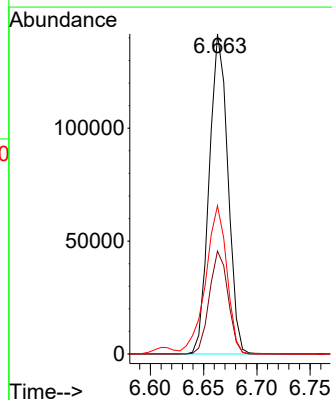
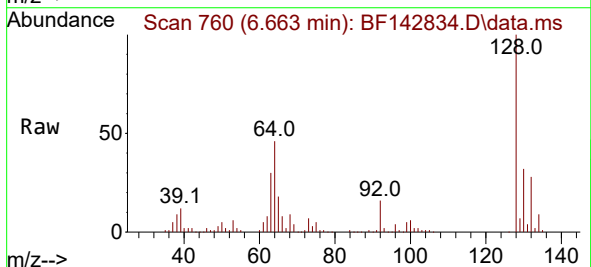
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Tgt Ion: 99 Resp: 375586
Ion Ratio Lower Upper
99 100
42 19.3 15.9 23.9
71 34.1 27.8 41.8



#8
2-Chlorophenol
Concen: 42.535 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:128 Resp: 172698
Ion Ratio Lower Upper
128 100
130 32.2 12.7 52.7
64 46.3 26.5 66.5

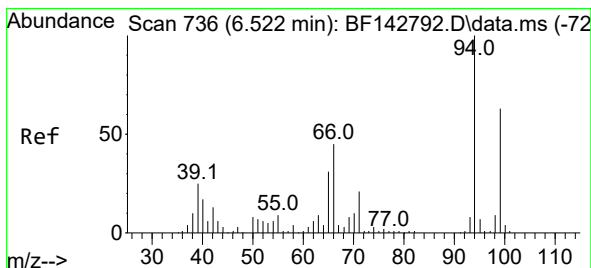
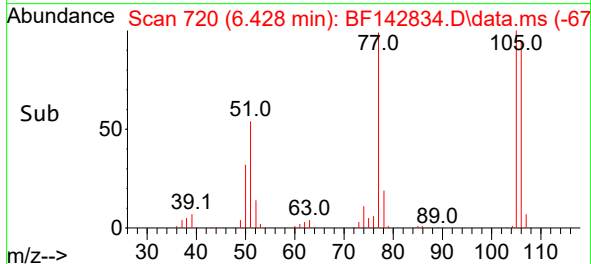
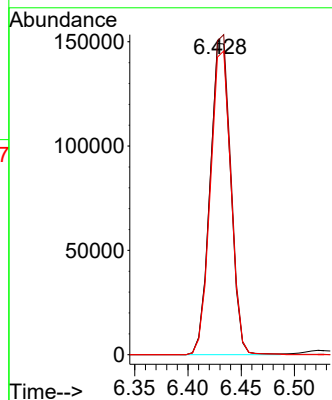
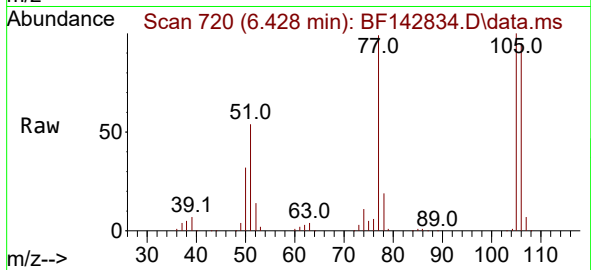




#9
Benzaldehyde
Concen: 76.157 ng
RT: 6.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

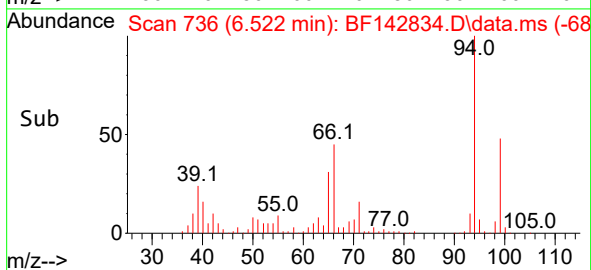
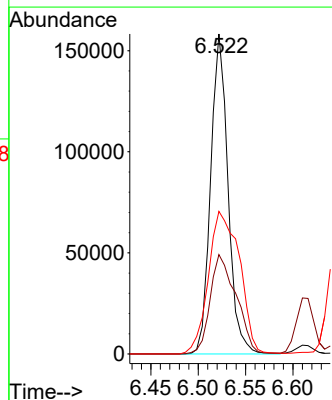
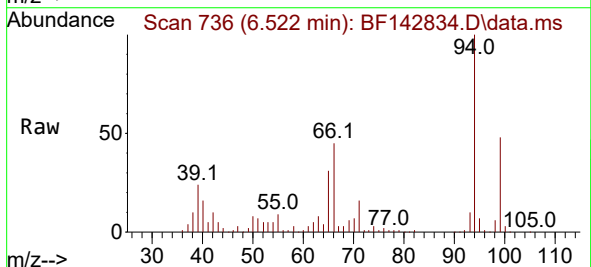
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 77 Resp: 200638
Ion Ratio Lower Upper
77 100
105 100.9 83.8 123.8
106 95.6 78.7 118.7



#10
Phenol
Concen: 40.861 ng
RT: 6.522 min Scan# 736
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 94 Resp: 201697
Ion Ratio Lower Upper
94 100
65 31.1 11.3 51.3
66 44.6 24.9 64.9

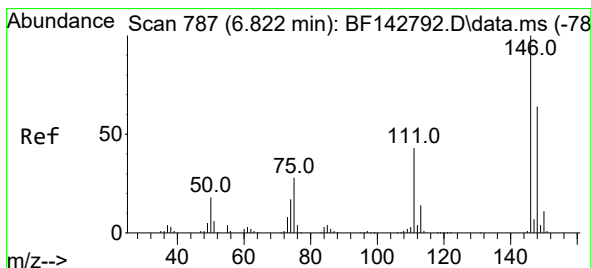
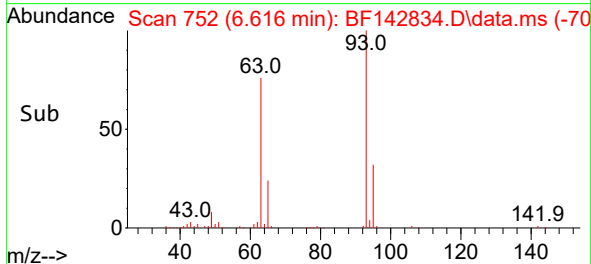
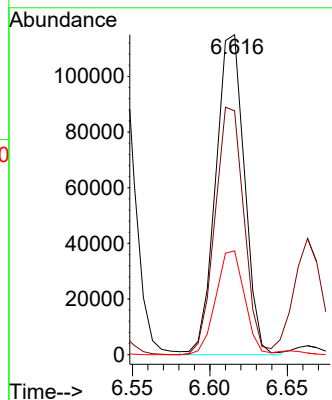
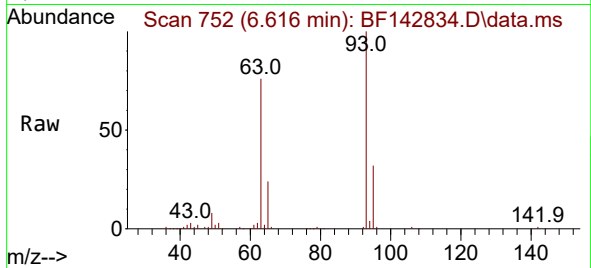




#11
bis(2-Chloroethyl)ether
Concen: 42.163 ng
RT: 6.616 min Scan# 752
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

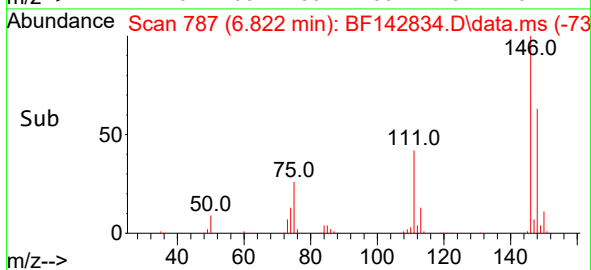
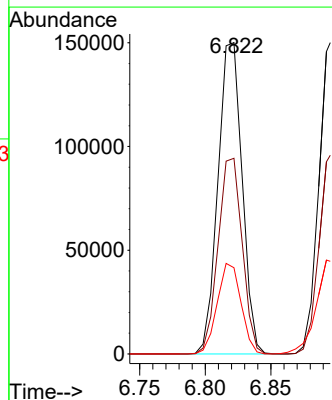
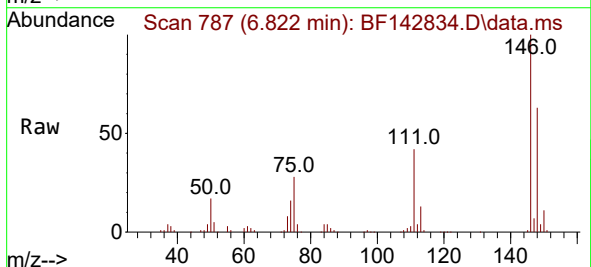
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 148747
Ion Ratio Lower Upper
93 100
63 76.2 60.3 100.3
95 32.4 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 42.346 ng
RT: 6.822 min Scan# 787
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:146 Resp: 192285
Ion Ratio Lower Upper
146 100
148 62.8 51.1 76.7
75 27.7 22.7 34.1

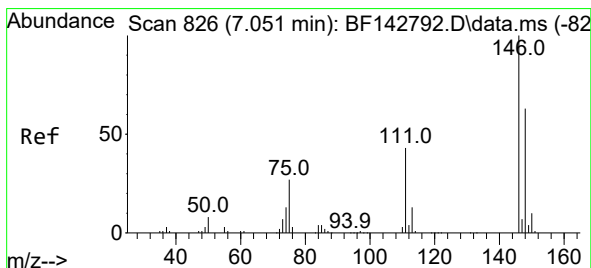
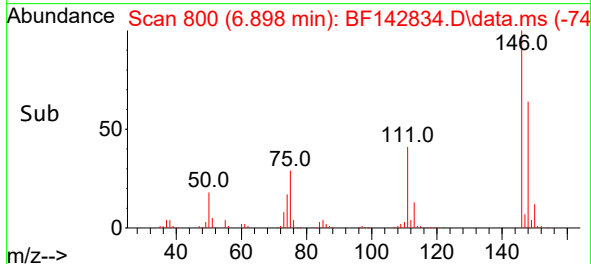
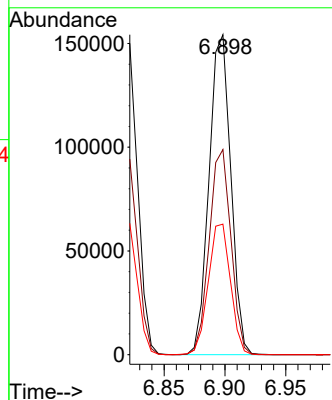
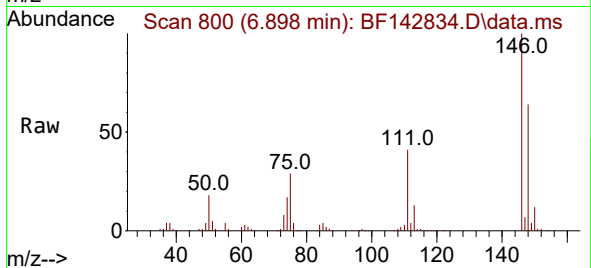




#13
1,4-Dichlorobenzene
Concen: 41.902 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

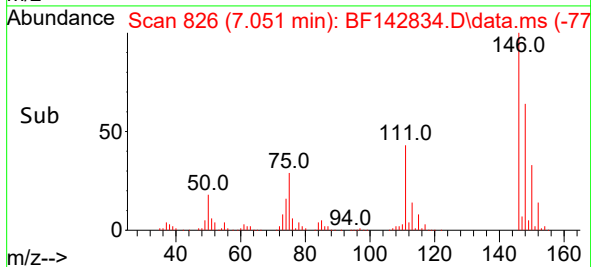
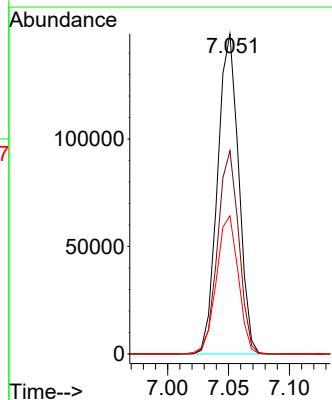
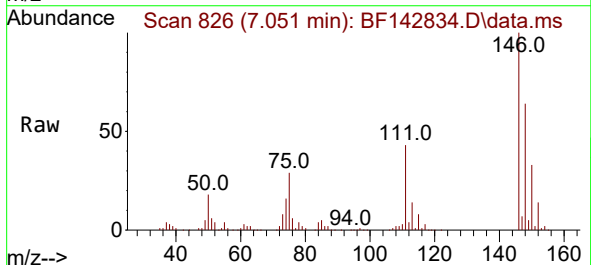
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

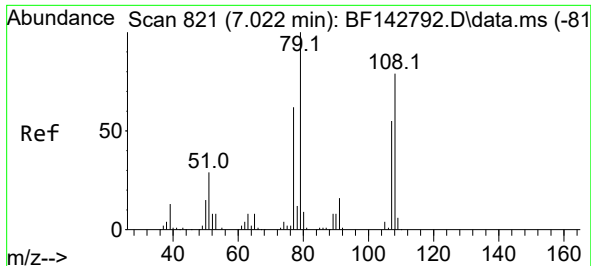
Tgt Ion:146 Resp: 191969
Ion Ratio Lower Upper
146 100
148 64.1 50.2 75.2
111 40.8 33.2 49.8



#14
1,2-Dichlorobenzene
Concen: 41.338 ng
RT: 7.051 min Scan# 826
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:146 Resp: 179627
Ion Ratio Lower Upper
146 100
148 63.5 50.4 75.6
111 43.1 34.1 51.1

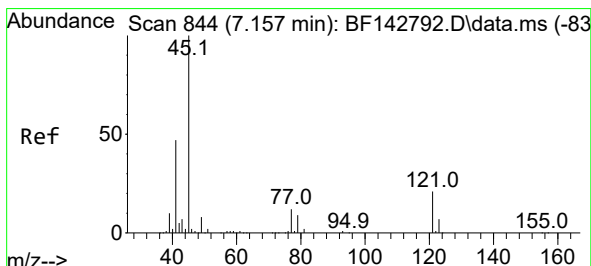
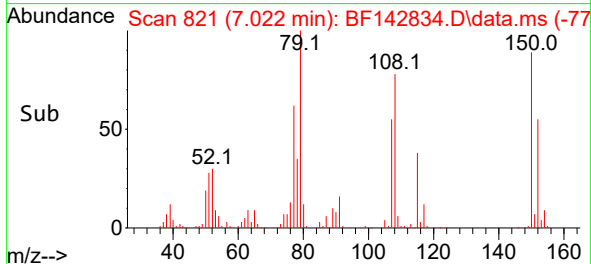
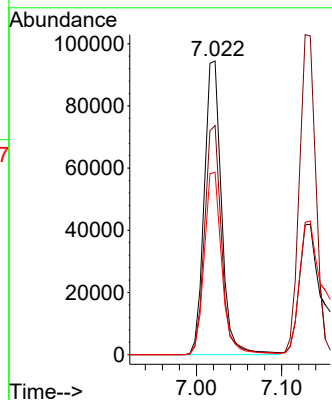
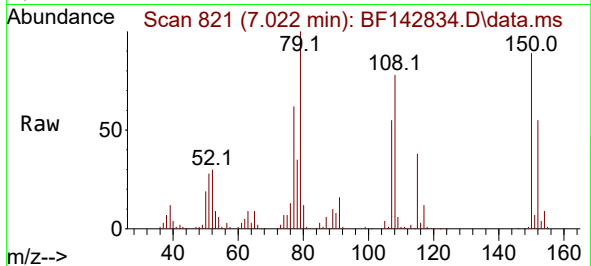




#15
Benzyl Alcohol
Concen: 41.513 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

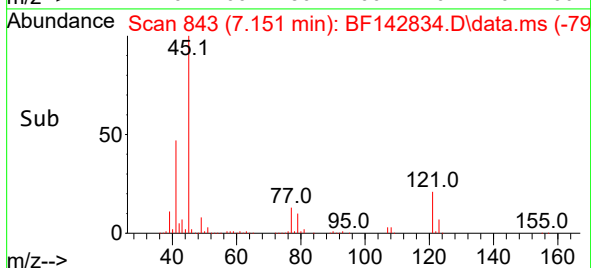
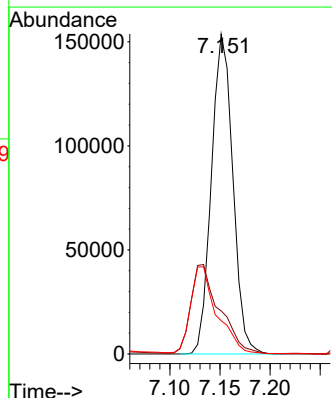
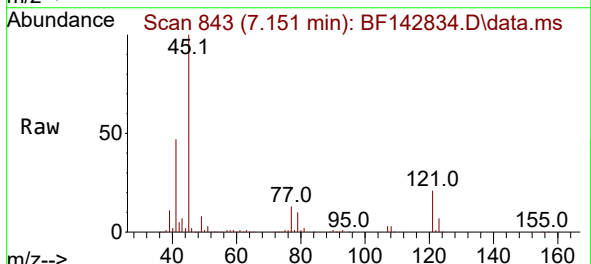
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

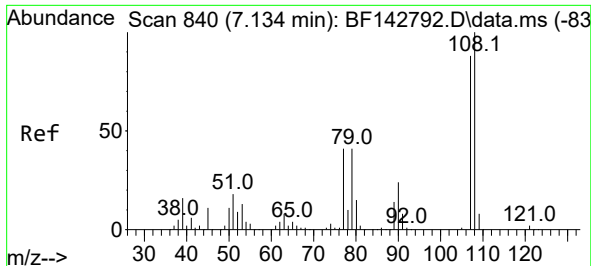
Tgt Ion: 79 Resp: 133269
Ion Ratio Lower Upper
79 100
108 78.1 63.4 95.0
77 62.1 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.342 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion: 45 Resp: 228661
Ion Ratio Lower Upper
45 100
77 13.4 0.0 32.8
79 10.4 0.0 29.8

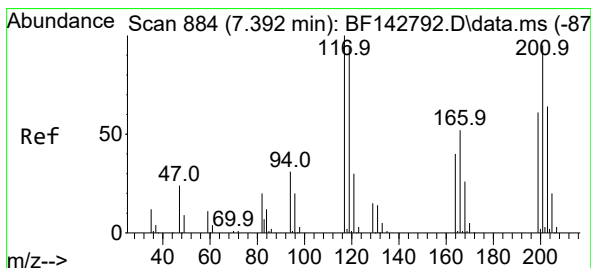
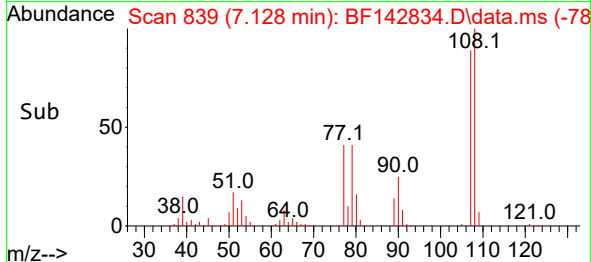
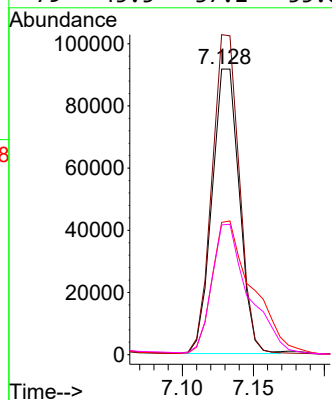
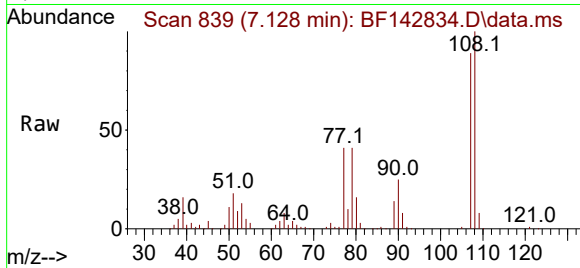




#17
2-Methylphenol
Concen: 39.900 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

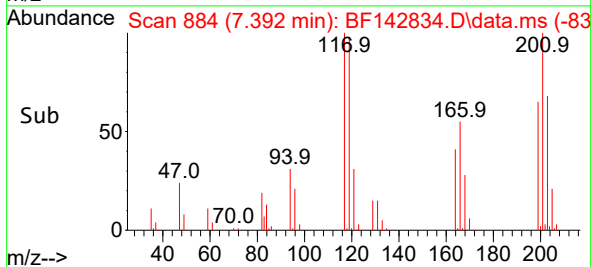
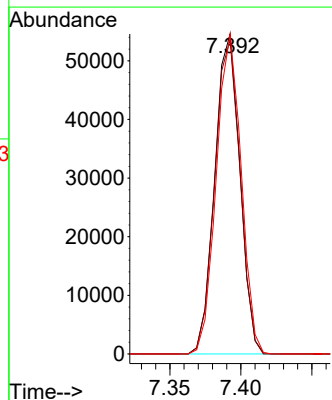
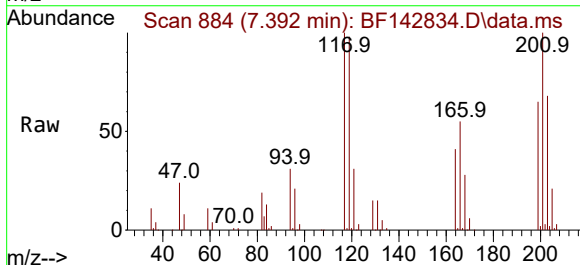
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:107 Resp: 122767
Ion Ratio Lower Upper
107 100
108 112.0 90.9 136.3
77 46.3 37.3 55.9
79 45.5 37.2 55.8



#18
Hexachloroethane
Concen: 41.888 ng
RT: 7.392 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:117 Resp: 67123
Ion Ratio Lower Upper
117 100
119 98.3 75.4 113.0
201 99.9 75.9 113.9

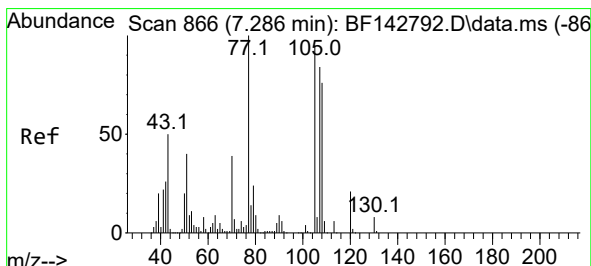
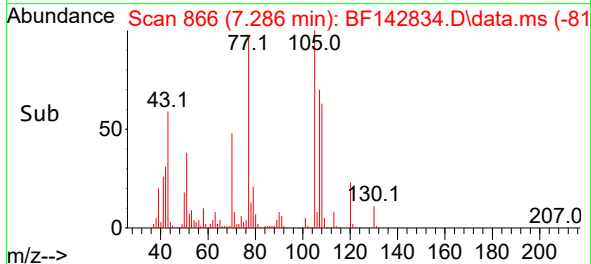
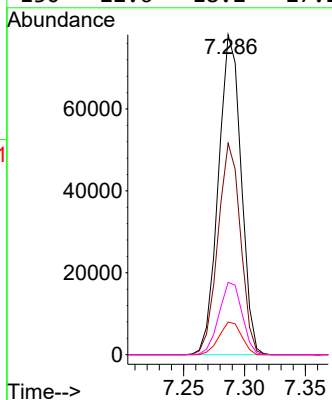
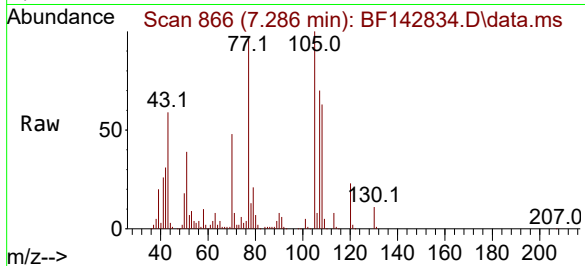




#19
n-Nitroso-di-n-propylamine
Concen: 39.316 ng
RT: 7.286 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

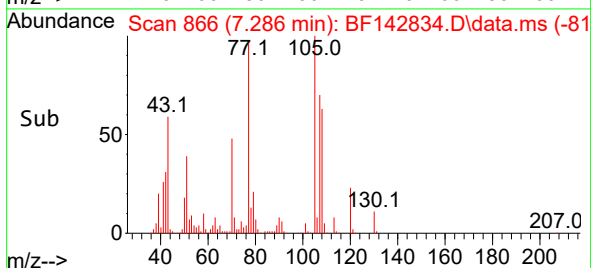
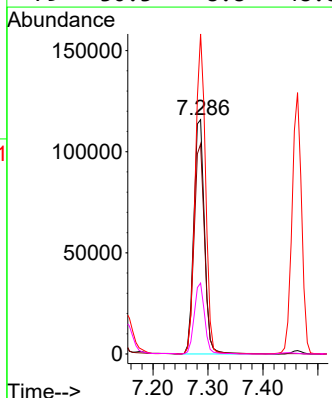
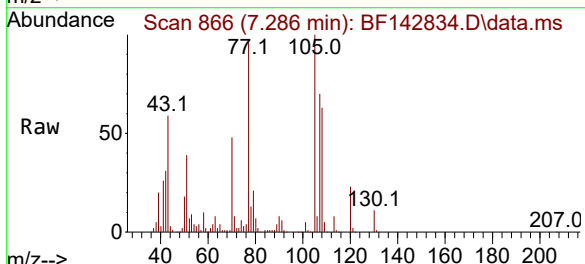
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

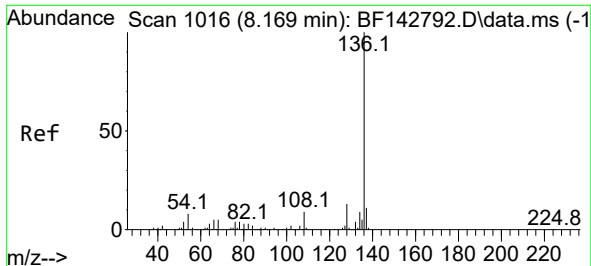
Tgt Ion: 70 Resp: 101541
Ion Ratio Lower Upper
70 100
42 66.1 52.1 78.1
101 10.2 8.2 12.2
130 22.6 18.2 27.2



#20
3+4-Methylphenols
Concen: 40.784 ng
RT: 7.286 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:107 Resp: 156461
Ion Ratio Lower Upper
107 100
108 89.6 70.0 110.0
77 136.6 98.5 138.5
79 30.3 8.8 48.8

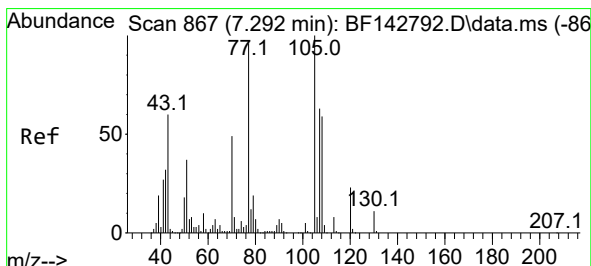
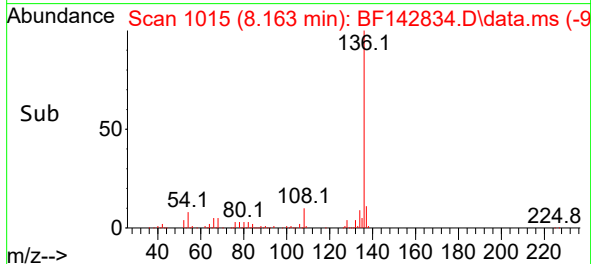
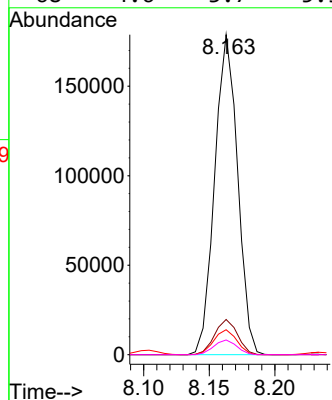
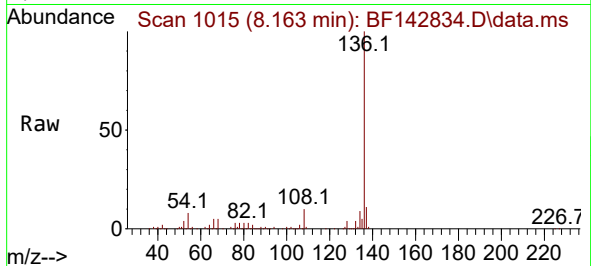




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1016
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

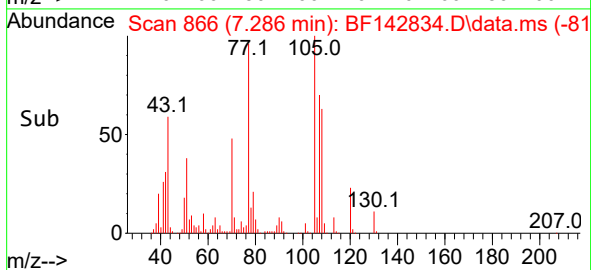
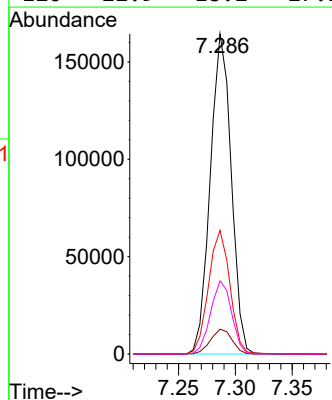
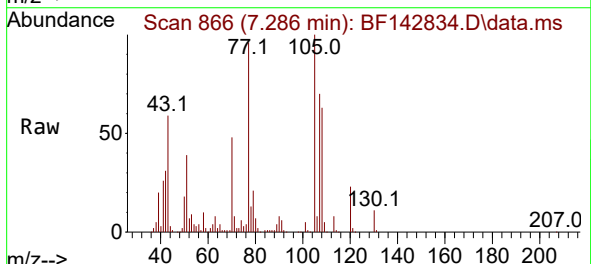
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

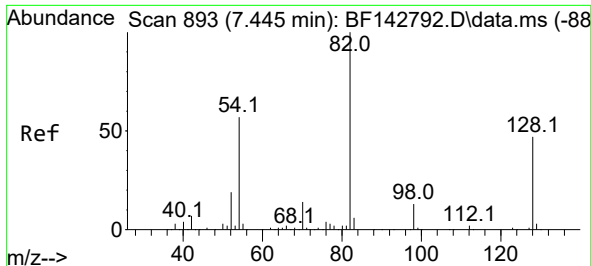
Tgt Ion:136 Resp: 217016
Ion Ratio Lower Upper
136 100
137 11.0 8.4 12.6
54 7.8 6.3 9.5
68 4.6 3.7 5.5



#22
Acetophenone
Concen: 43.958 ng
RT: 7.286 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:105 Resp: 210366
Ion Ratio Lower Upper
105 100
71 7.7 6.5 9.7
51 38.6 29.8 44.8
120 22.9 18.2 27.2





#23

Nitrobenzene-d5

Concen: 94.152 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

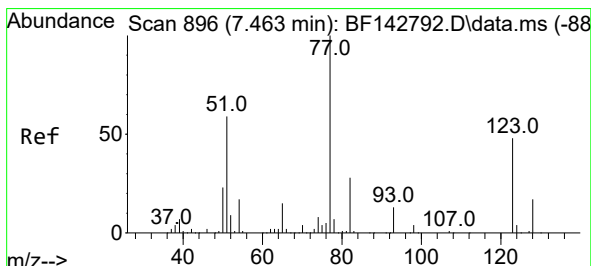
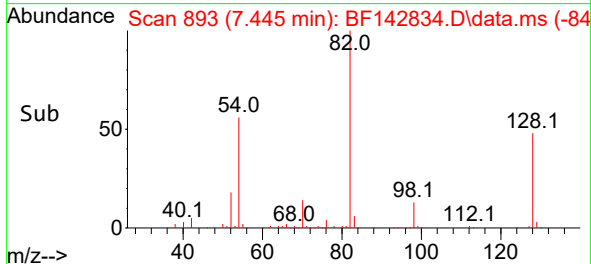
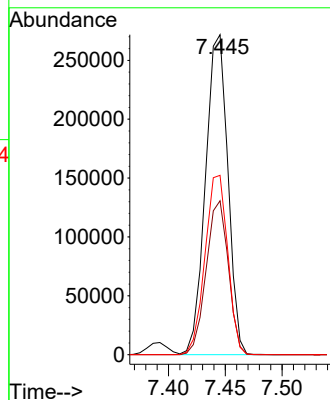
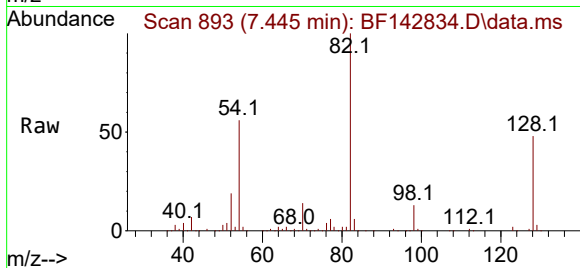
Tgt Ion: 82 Resp: 372510

Ion Ratio Lower Upper

82 100

128 48.1 37.7 56.5

54 56.1 45.7 68.5



#24

Nitrobenzene

Concen: 43.639 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

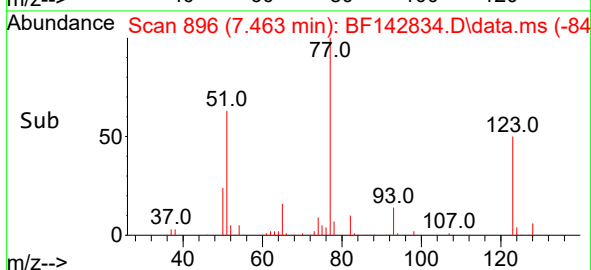
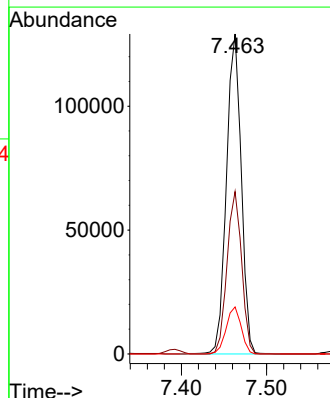
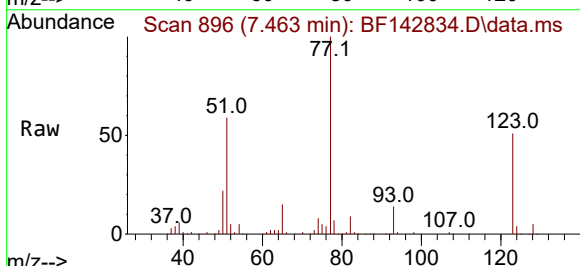
Tgt Ion: 77 Resp: 156272

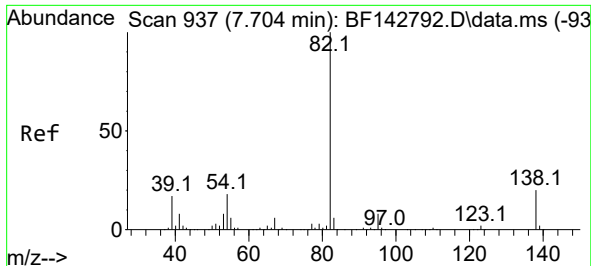
Ion Ratio Lower Upper

77 100

123 50.8 39.2 58.8

65 14.7 11.6 17.4

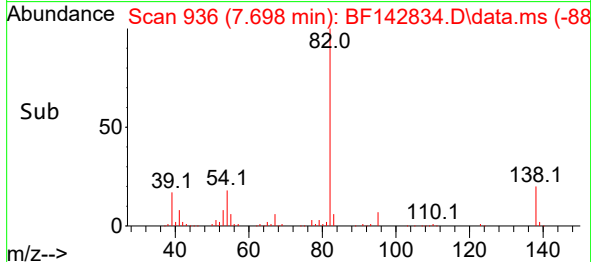
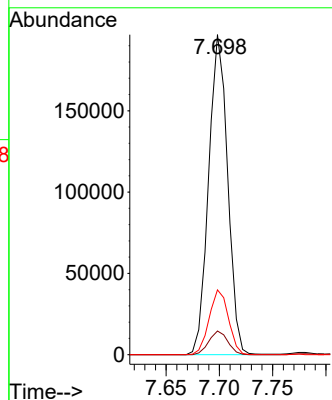
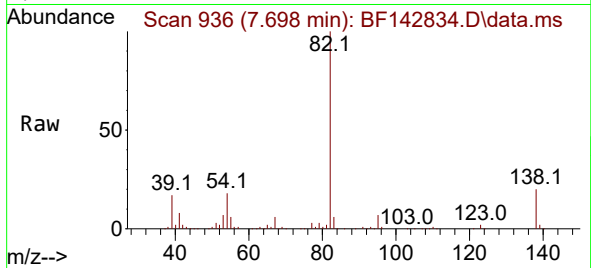




#25
Isophorone
Concen: 38.568 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

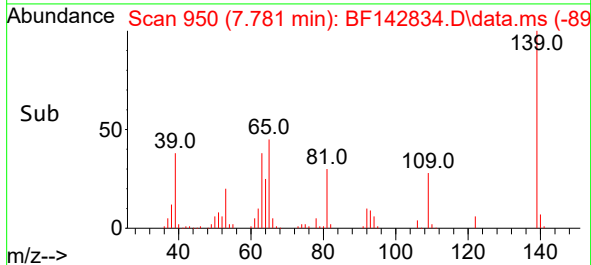
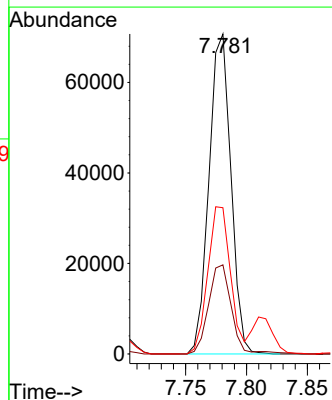
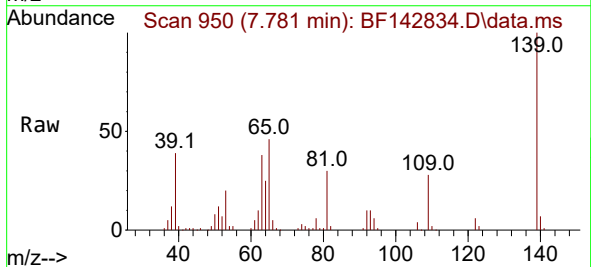
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 82 Resp: 244787
Ion Ratio Lower Upper
82 100
95 7.4 6.2 9.2
138 20.2 16.2 24.4



#26
2-Nitrophenol
Concen: 45.422 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:139 Resp: 88606
Ion Ratio Lower Upper
139 100
109 27.8 22.7 34.1
65 45.7 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 32.712 ng m

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

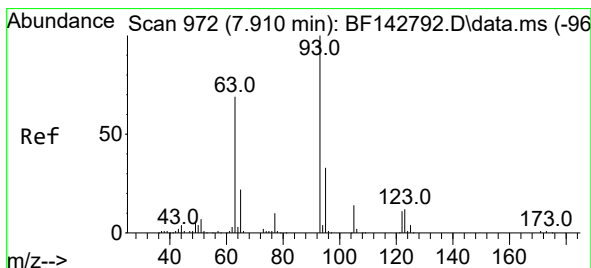
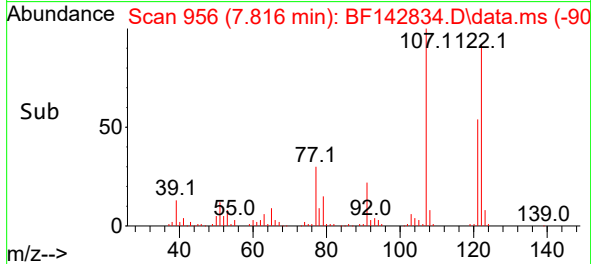
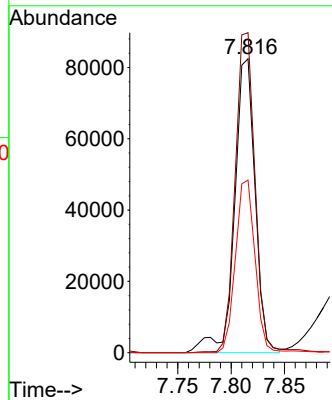
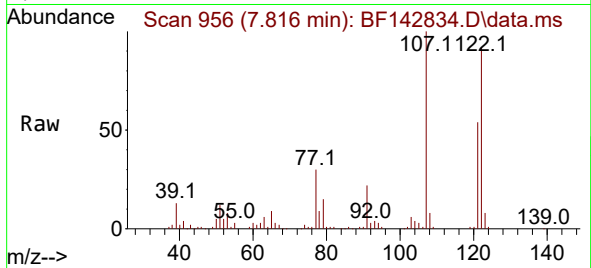
Tgt Ion:122 Resp: 110534

Ion Ratio Lower Upper

122 100

107 108.9 88.0 132.0

121 58.7 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 42.437 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

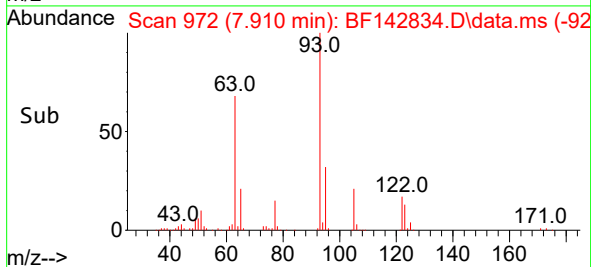
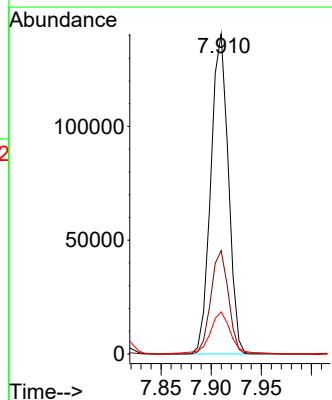
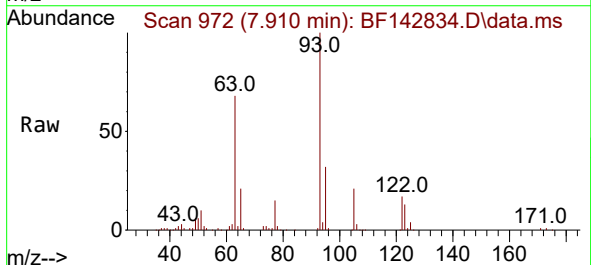
Tgt Ion: 93 Resp: 171235

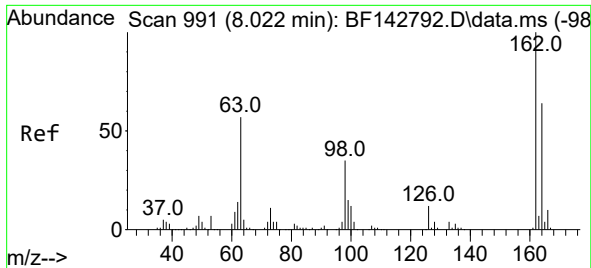
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 13.2 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 44.470 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

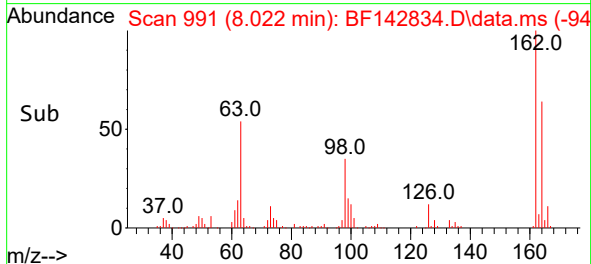
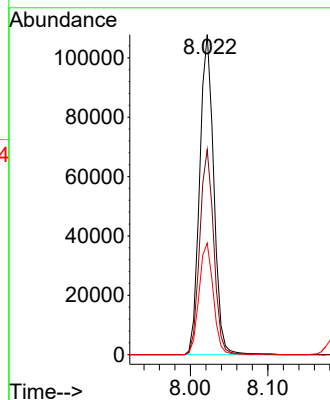
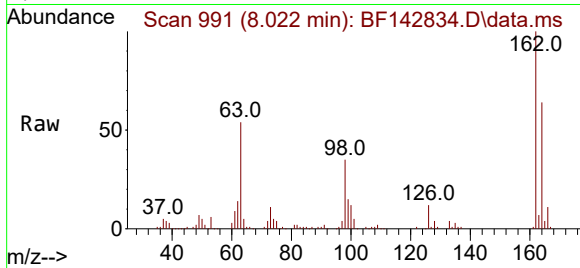
Tgt Ion:162 Resp: 136247

Ion Ratio Lower Upper

162 100

164 64.1 44.0 84.0

98 34.9 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 44.376 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

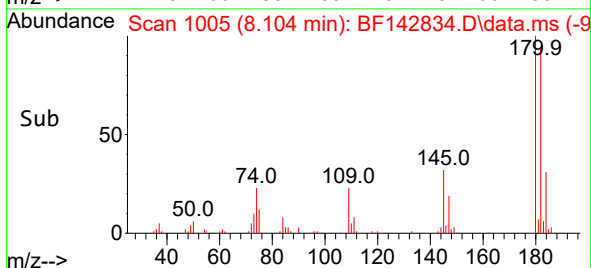
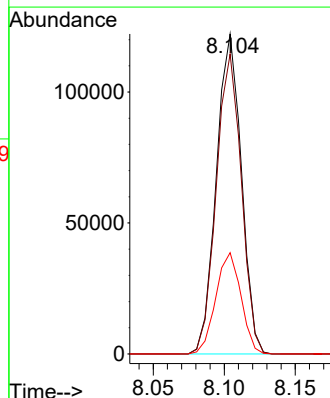
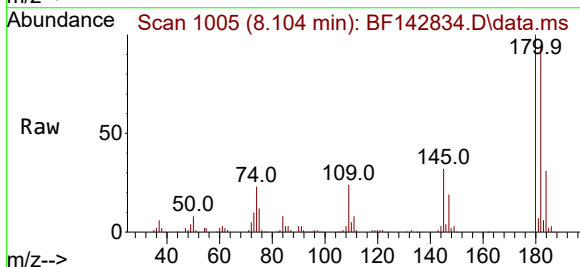
Tgt Ion:180 Resp: 149500

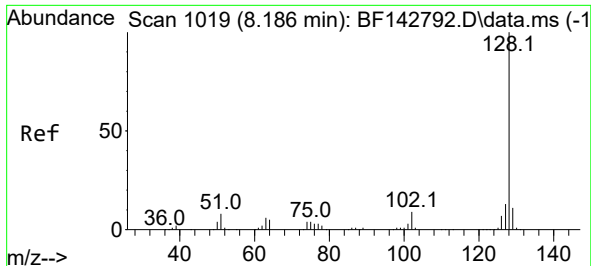
Ion Ratio Lower Upper

180 100

182 93.7 76.4 114.6

145 31.6 25.8 38.8

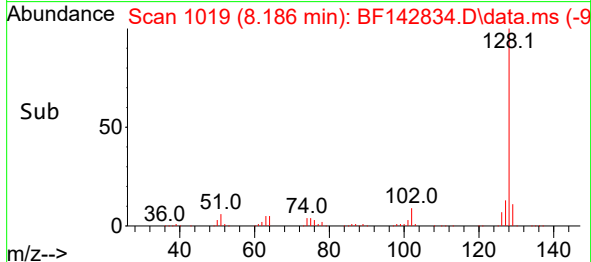
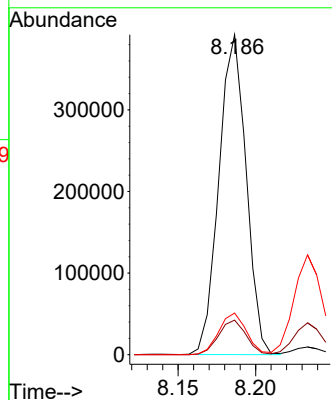
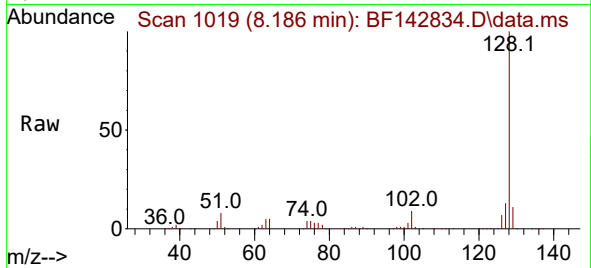




#31
Naphthalene
Concen: 45.044 ng
RT: 8.186 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

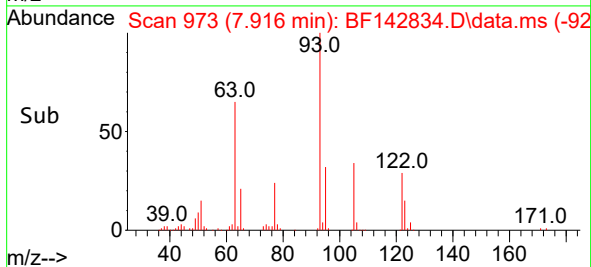
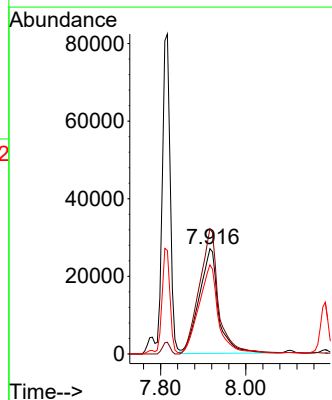
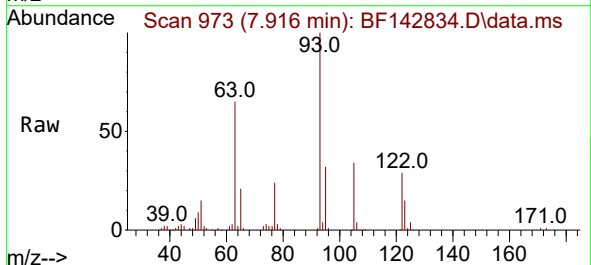
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

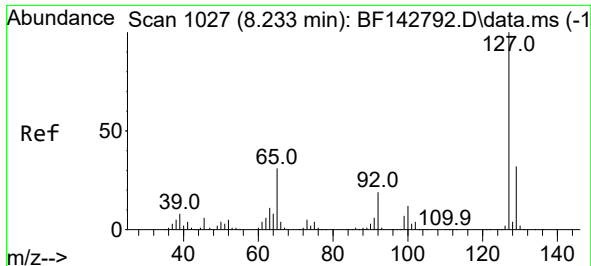
Tgt Ion:128 Resp: 478483
Ion Ratio Lower Upper
128 100
129 10.8 8.9 13.3
127 13.0 10.4 15.6



#32
Benzoic acid
Concen: 49.345 ng
RT: 7.916 min Scan# 973
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:122 Resp: 84983
Ion Ratio Lower Upper
122 100
105 119.0 104.7 144.7
77 84.7 70.2 110.2

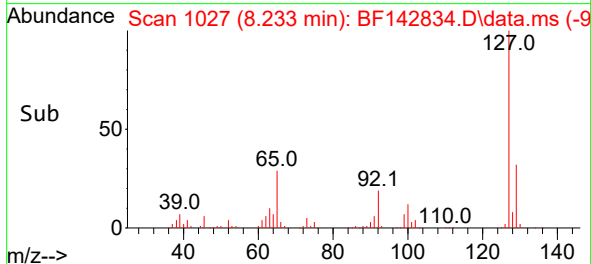
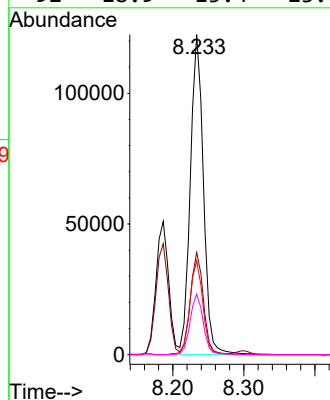
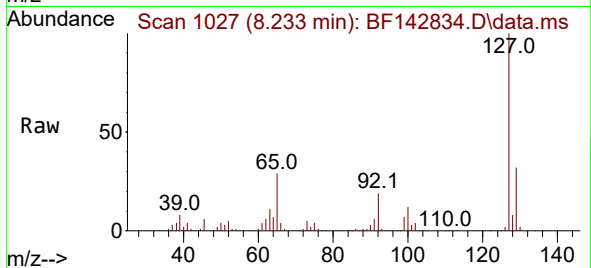




#33
4-Chloroaniline
Concen: 36.468 ng
RT: 8.233 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

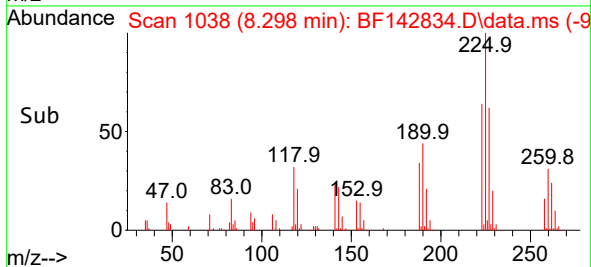
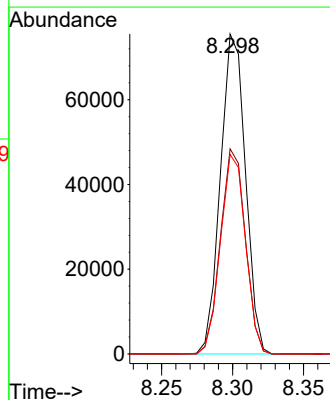
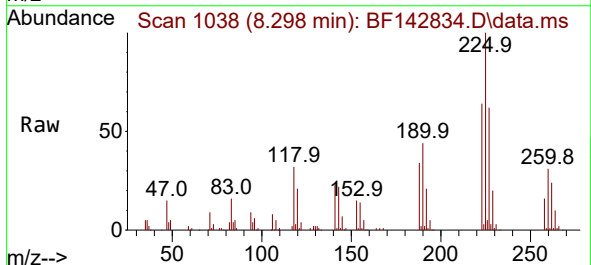
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

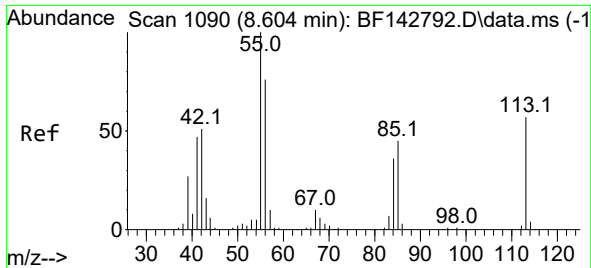
Tgt Ion:	127	Resp:	157517
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	29.4	24.6	36.8
92	18.9	15.4	23.0



#34
Hexachlorobutadiene
Concen: 44.953 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:	225	Resp:	92637
Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.9	74.9
227	62.3	51.4	77.0

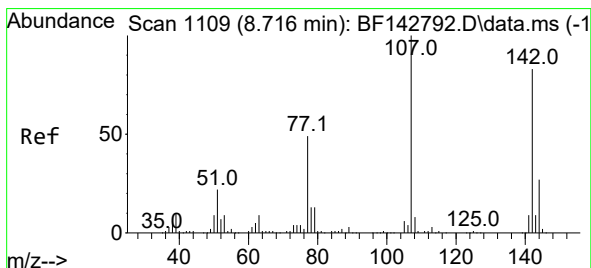
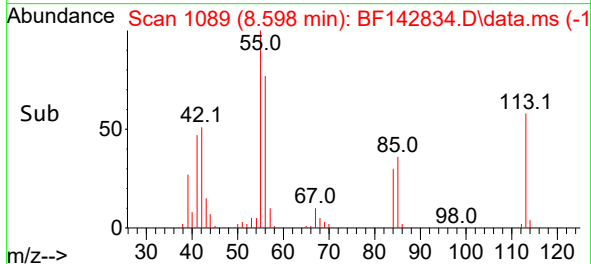
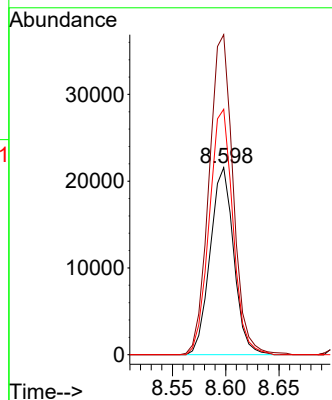
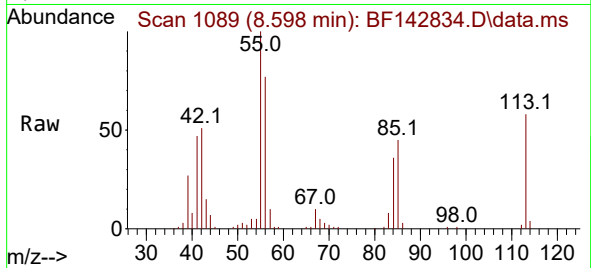




#35
 Caprolactam
 Concen: 40.950 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.006 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

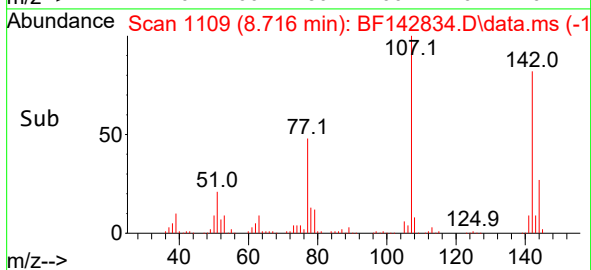
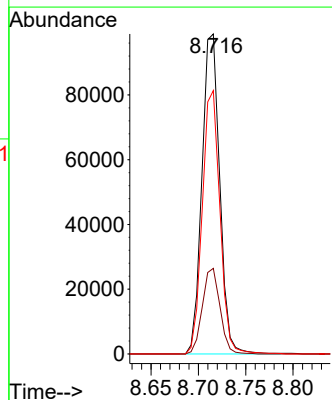
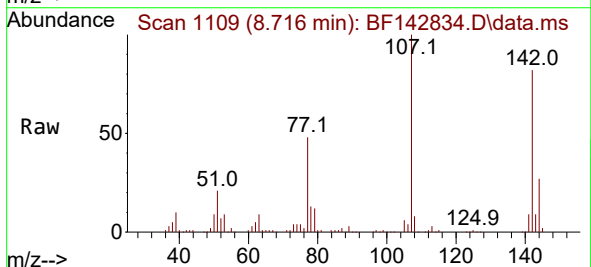
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

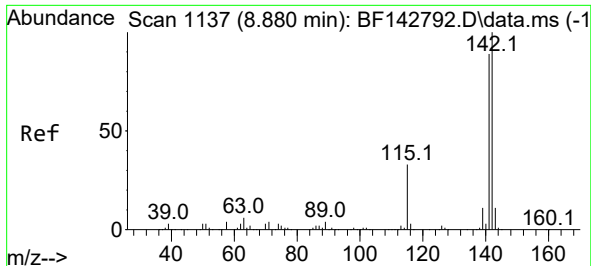
Tgt Ion:113 Resp: 33107
 Ion Ratio Lower Upper
 113 100
 55 171.0 154.4 194.4
 56 131.2 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.309 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

Tgt Ion:107 Resp: 128828
 Ion Ratio Lower Upper
 107 100
 144 26.8 21.3 31.9
 142 82.3 66.6 100.0

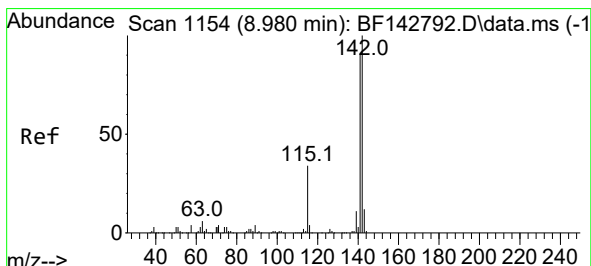
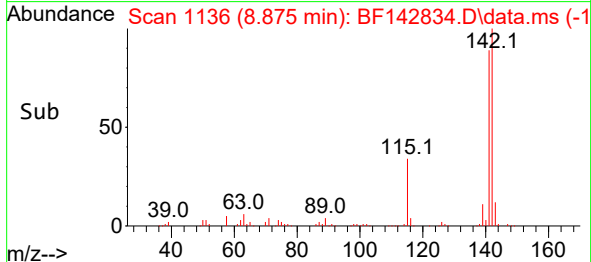
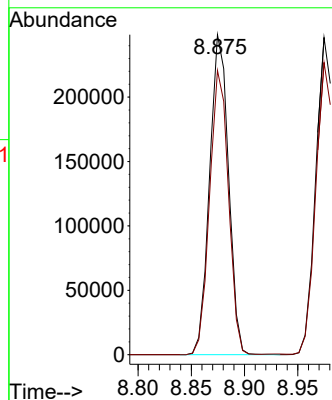
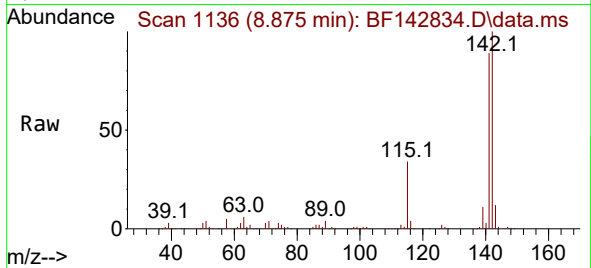




#37
2-Methylnaphthalene
Concen: 46.536 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

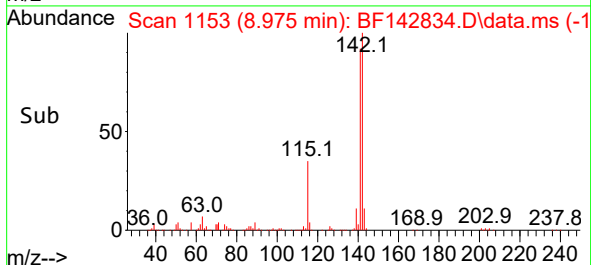
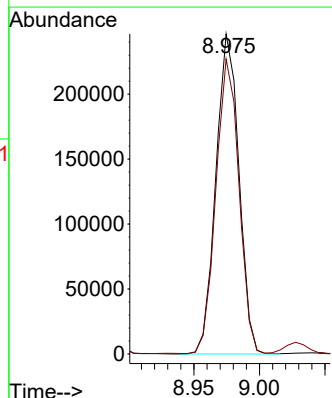
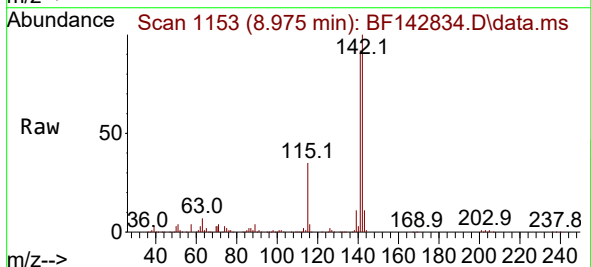
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 306467
Ion Ratio Lower Upper
142 100
141 88.8 70.9 106.3



#38
1-Methylnaphthalene
Concen: 44.105 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:142 Resp: 300675
Ion Ratio Lower Upper
142 100
141 92.1 73.0 109.4

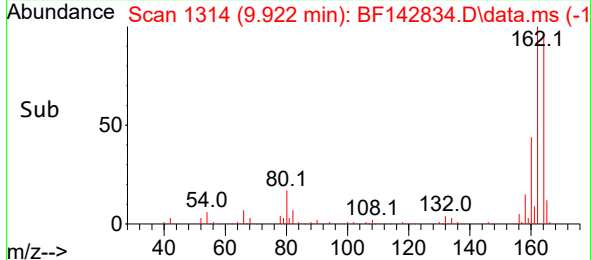
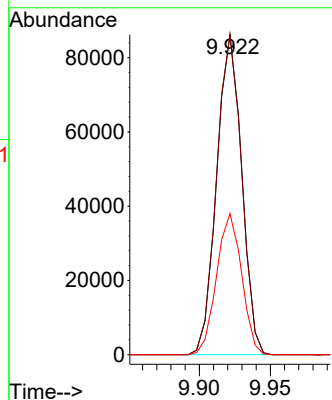
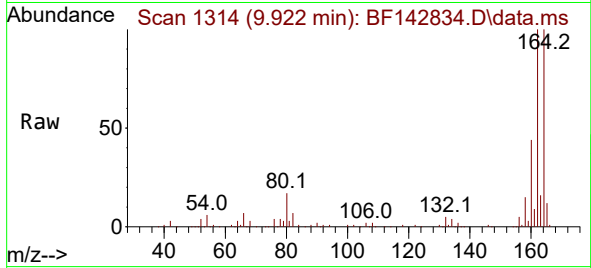




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. -0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

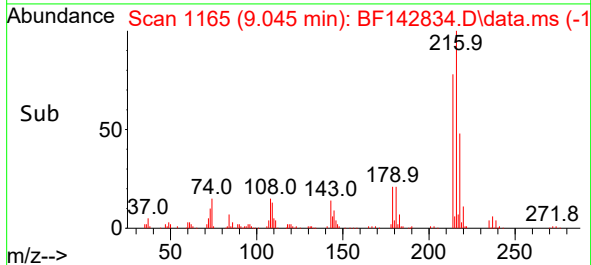
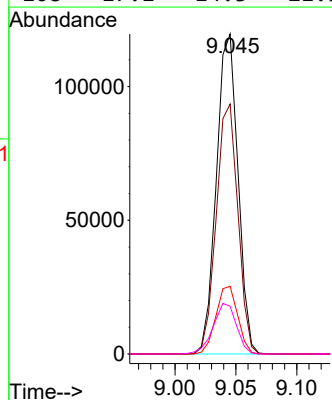
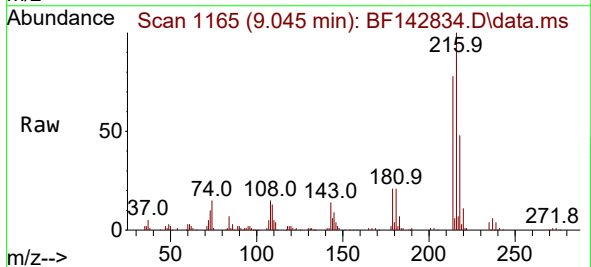
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:164 Resp: 105351
Ion Ratio Lower Upper
164 100
162 99.9 81.8 122.8
160 44.1 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 47.441 ng
RT: 9.045 min Scan# 1165
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:216 Resp: 147474
Ion Ratio Lower Upper
216 100
214 78.4 63.7 95.5
179 21.4 17.6 26.4
108 17.1 14.3 21.5

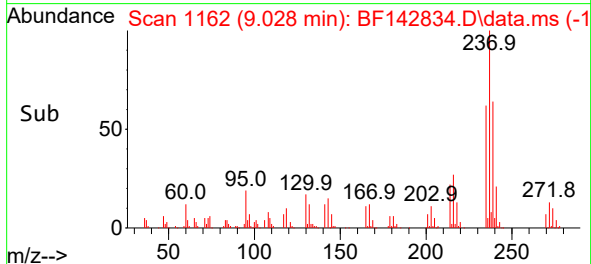
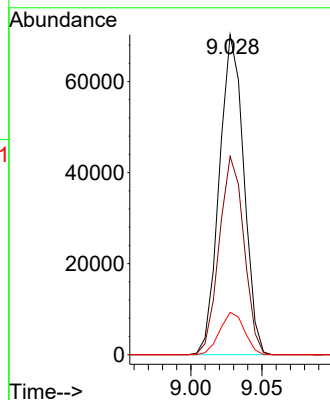
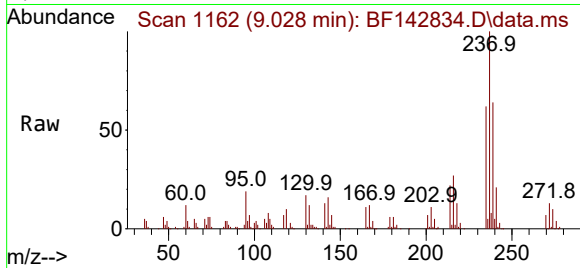




#41
 Hexachlorocyclopentadiene
 Concen: 47.699 ng
 RT: 9.028 min Scan# 1162
 Delta R.T. -0.006 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

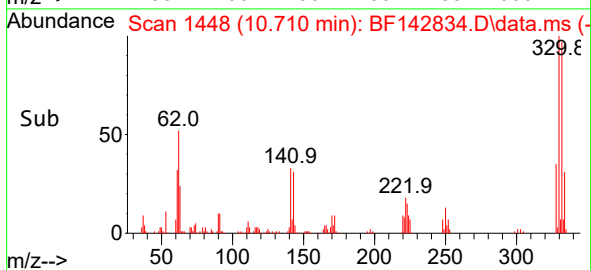
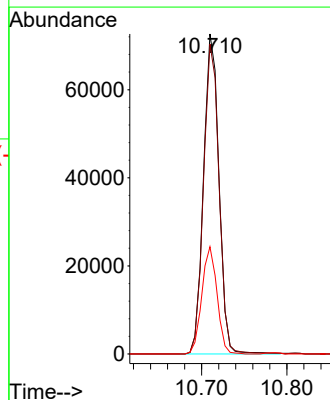
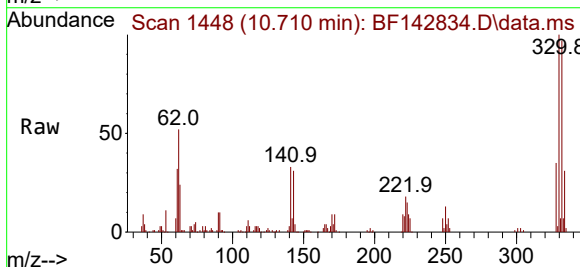
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

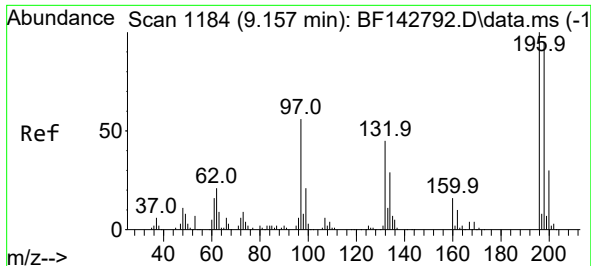
Tgt Ion:237 Resp: 84143
 Ion Ratio Lower Upper
 237 100
 235 62.0 43.4 83.4
 272 13.2 0.0 32.7



#42
 2,4,6-Tribromophenol
 Concen: 84.173 ng
 RT: 10.710 min Scan# 1448
 Delta R.T. -0.006 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

Tgt Ion:330 Resp: 91255
 Ion Ratio Lower Upper
 330 100
 332 97.4 75.0 112.6
 141 33.0 25.3 37.9

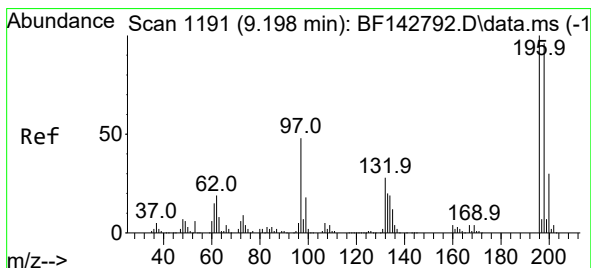
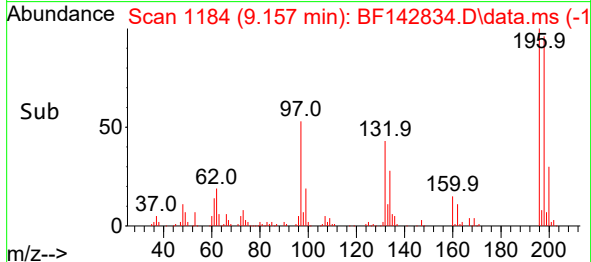
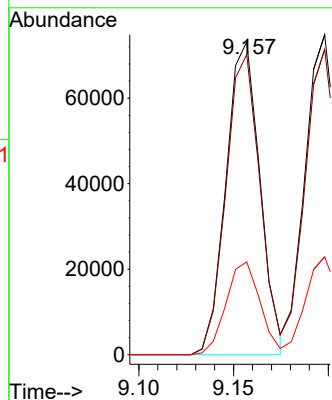
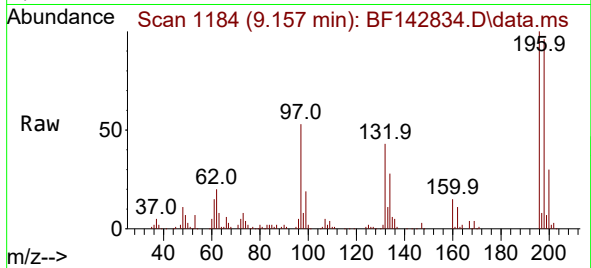




#43
2,4,6-Trichlorophenol
Concen: 44.992 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

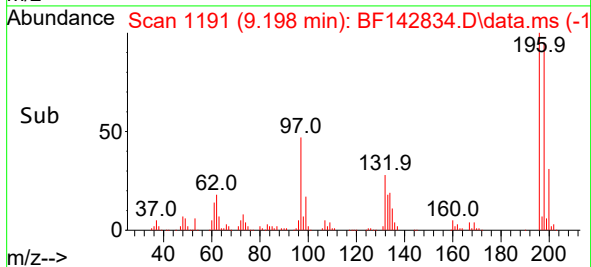
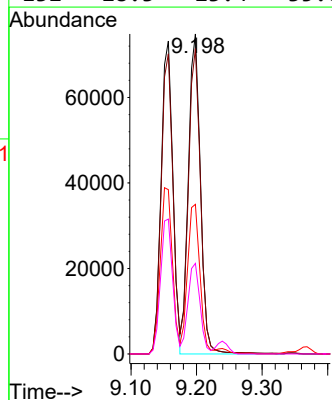
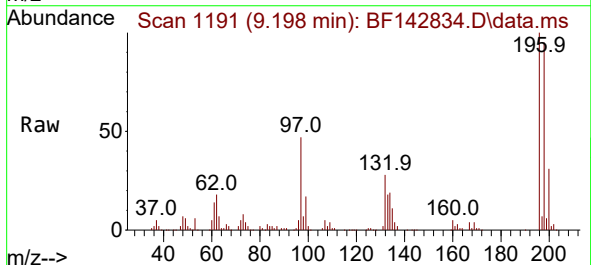
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

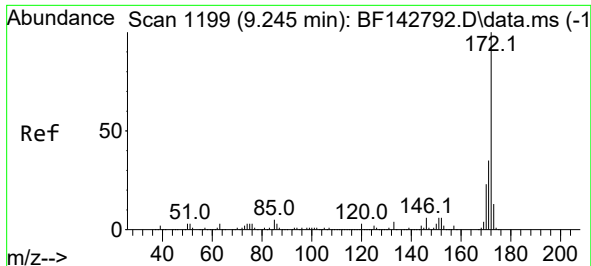
Tgt Ion:196 Resp: 91136
Ion Ratio Lower Upper
196 100
198 95.9 76.2 114.2
200 29.7 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 44.977 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:196 Resp: 95905
Ion Ratio Lower Upper
196 100
198 95.4 76.6 115.0
97 46.7 38.2 57.2
132 28.3 23.4 35.0

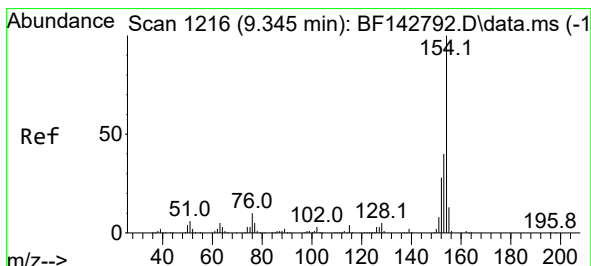
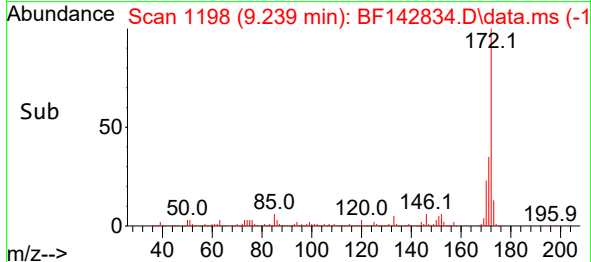
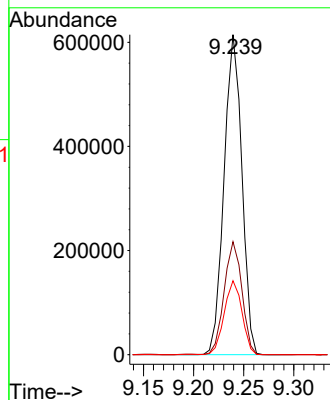
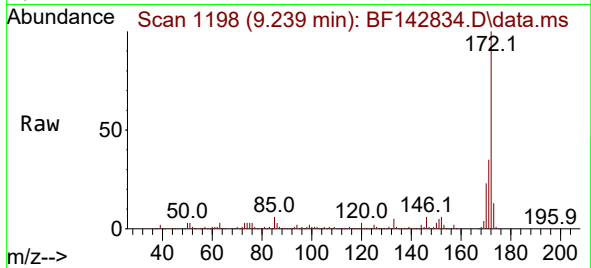




#45
2-Fluorobiphenyl
Concen: 94.396 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

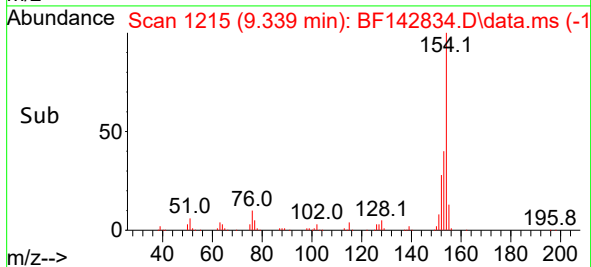
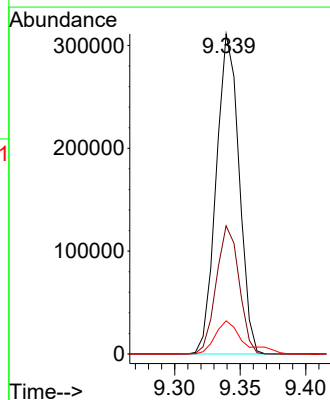
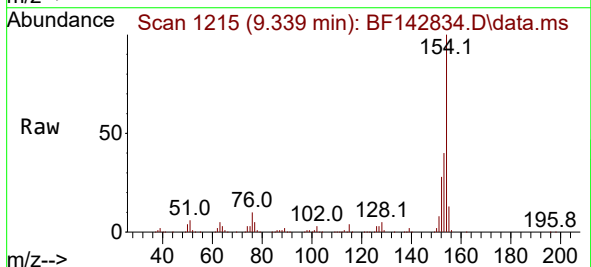
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

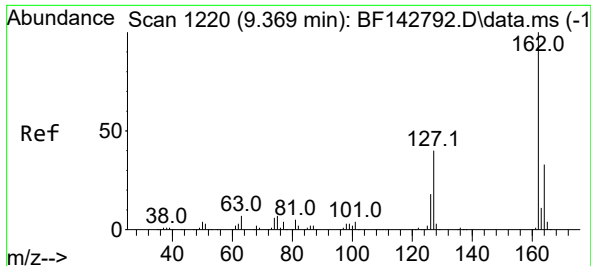
Tgt Ion:172 Resp: 757016
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 23.1 18.5 27.7



#46
1,1'-Biphenyl
Concen: 45.199 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:154 Resp: 376150
Ion Ratio Lower Upper
154 100
153 40.1 20.3 60.3
76 10.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 44.220 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

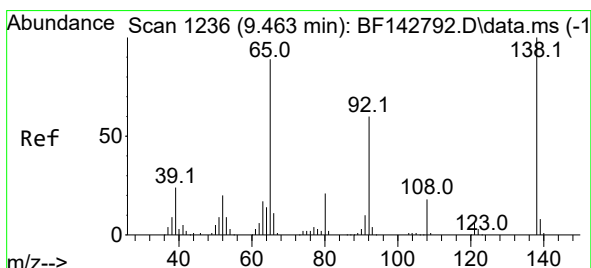
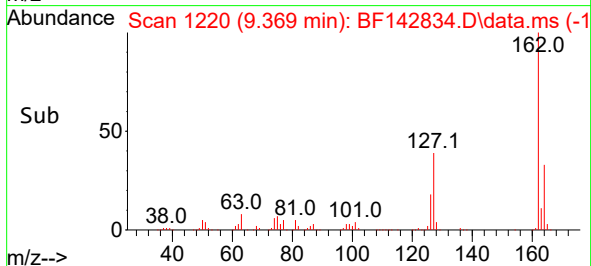
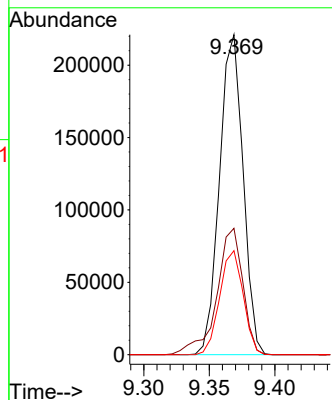
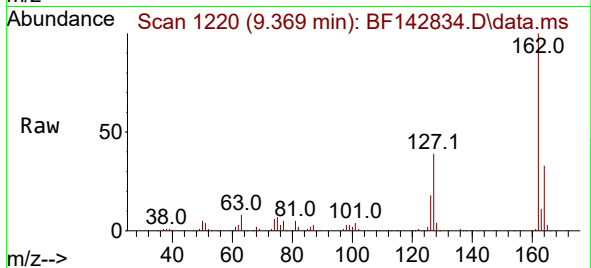
Tgt Ion:162 Resp: 276163

Ion Ratio Lower Upper

162 100

127 39.5 32.2 48.2

164 32.5 26.1 39.1



#48

2-Nitroaniline

Concen: 42.049 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

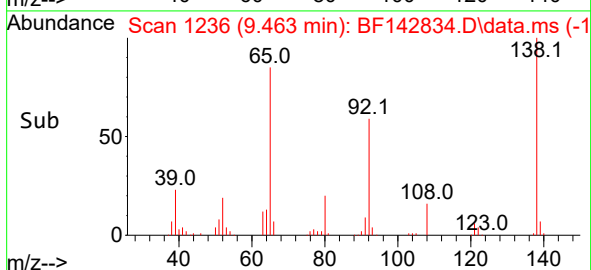
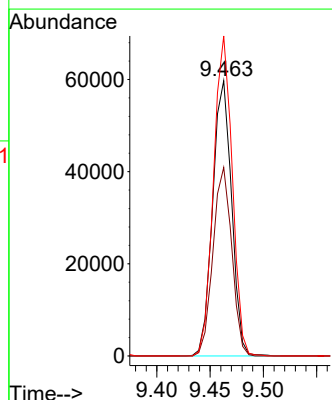
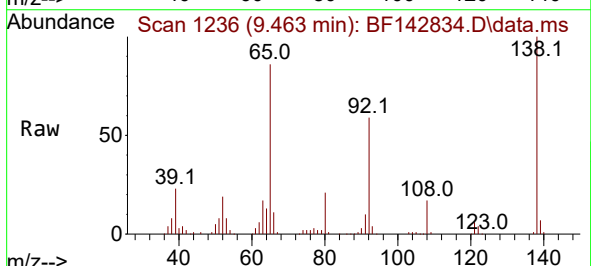
Tgt Ion: 65 Resp: 73622

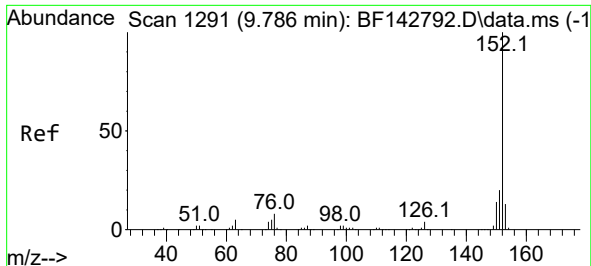
Ion Ratio Lower Upper

65 100

92 68.5 53.8 80.6

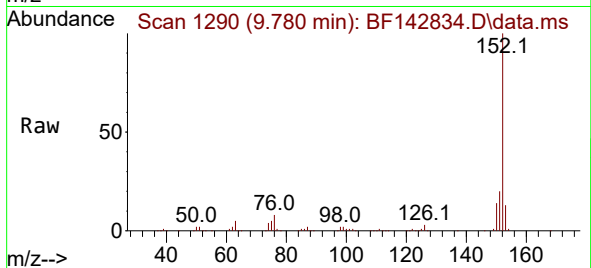
138 116.3 89.6 134.4



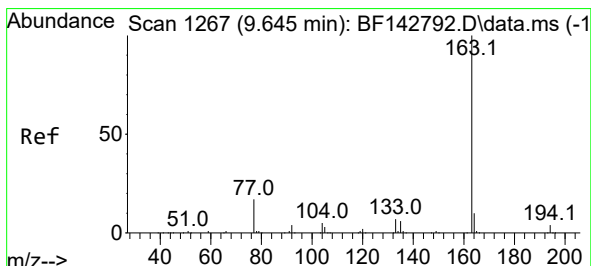
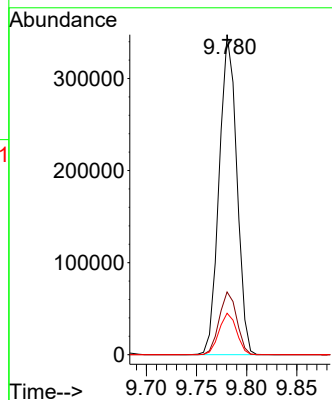
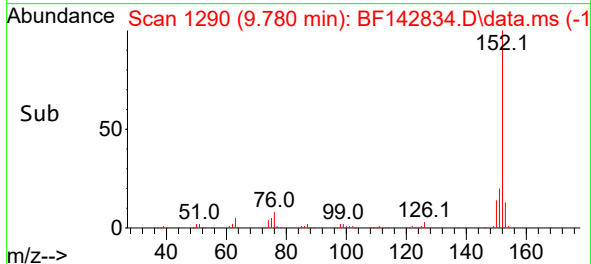


#49
Acenaphthylene
Concen: 41.275 ng
RT: 9.780 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

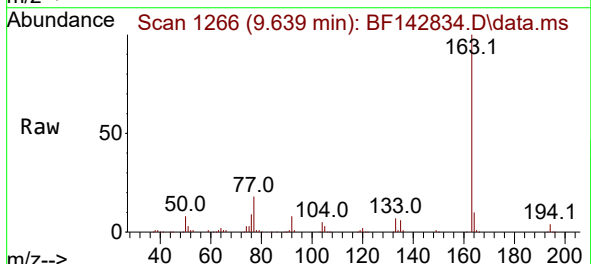
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040



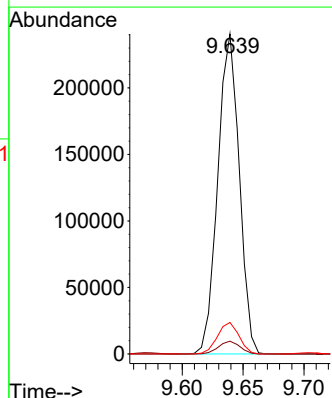
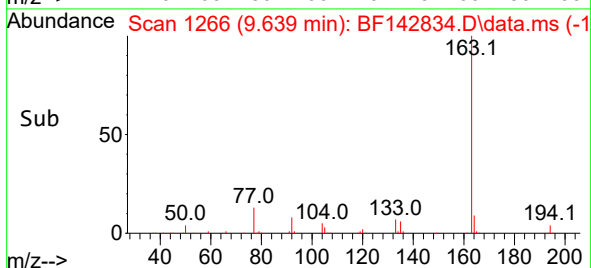
Tgt Ion:152 Resp: 424345
Ion Ratio Lower Upper
152 100
151 19.6 16.1 24.1
153 12.9 10.4 15.6

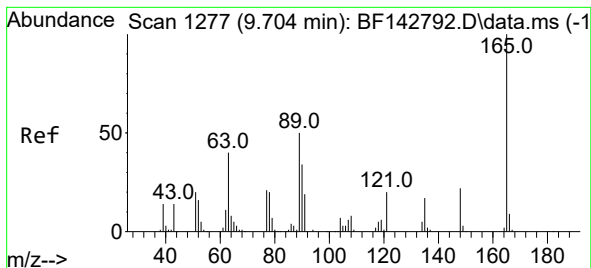


#50
Dimethylphthalate
Concen: 43.304 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25



Tgt Ion:163 Resp: 295308
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.8 8.0 12.0

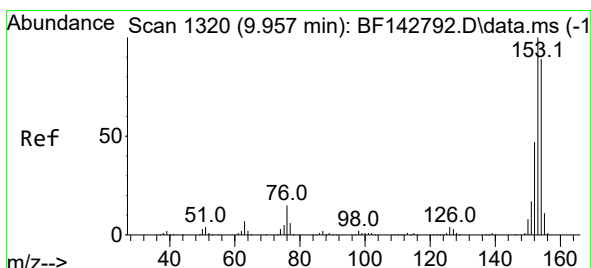
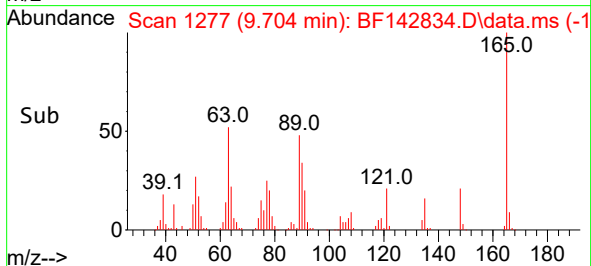
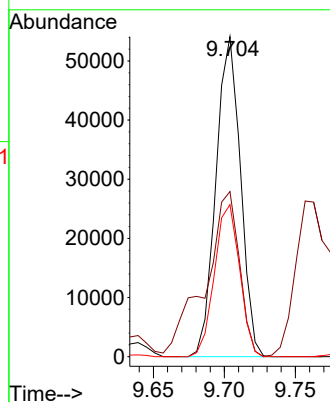
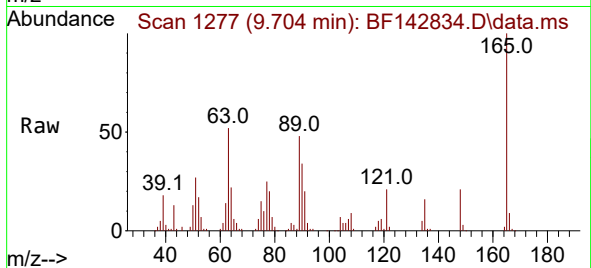




#51
2,6-Dinitrotoluene
Concen: 43.414 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

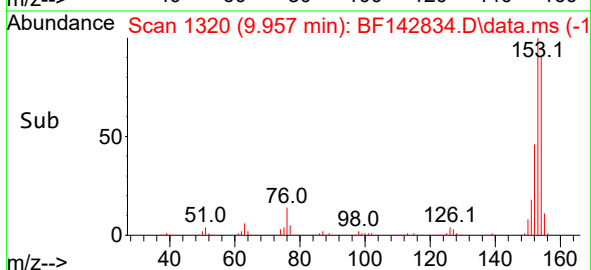
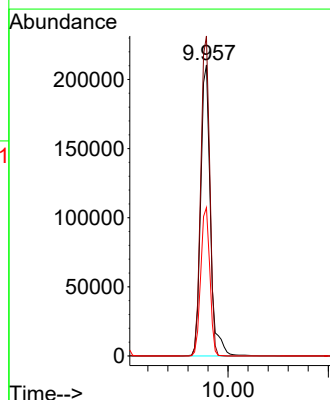
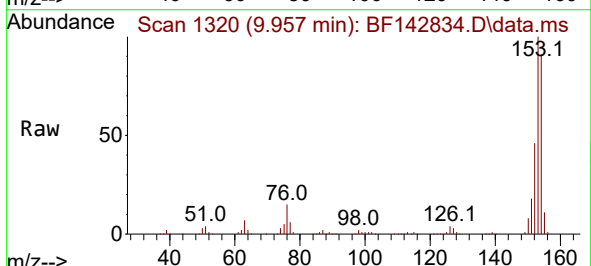
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

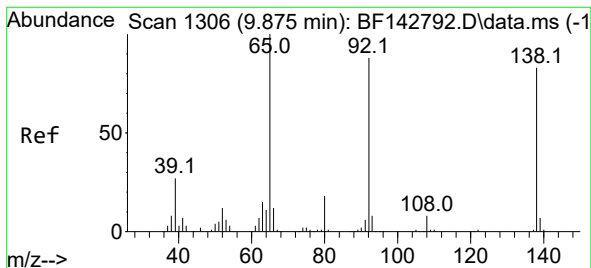
Tgt Ion:165 Resp: 65017
Ion Ratio Lower Upper
165 100
63 51.6 44.2 66.4
89 47.5 39.8 59.8



#52
Acenaphthene
Concen: 44.920 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:154 Resp: 281768
Ion Ratio Lower Upper
154 100
153 109.9 90.0 135.0
152 50.9 41.9 62.9





#53

3-Nitroaniline

Concen: 40.967 ng

RT: 9.875 min Scan# 1306

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

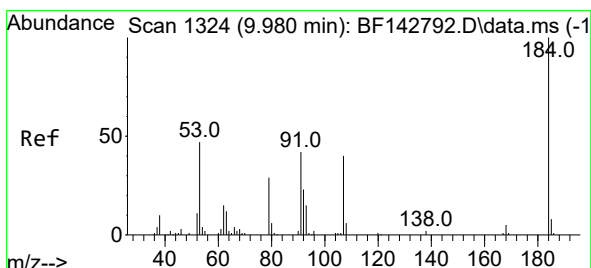
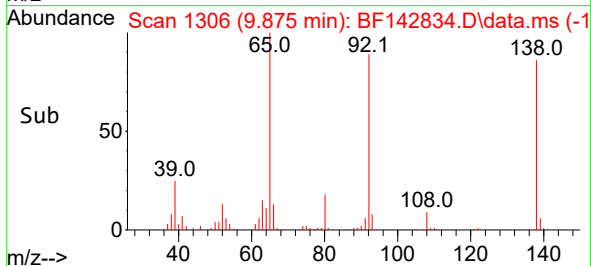
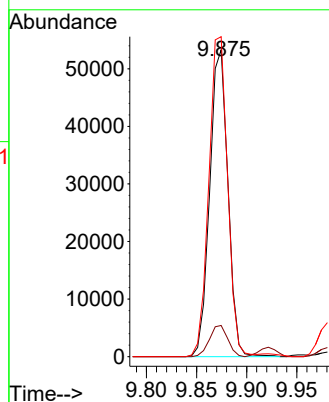
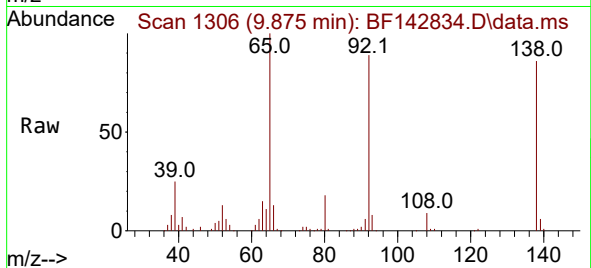
Tgt Ion:138 Resp: 67550

Ion Ratio Lower Upper

138 100

108 10.2 8.1 12.1

92 104.3 85.1 127.7



#54

2,4-Dinitrophenol

Concen: 44.832 ng

RT: 9.980 min Scan# 1324

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

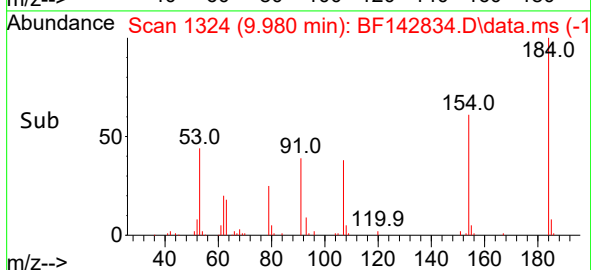
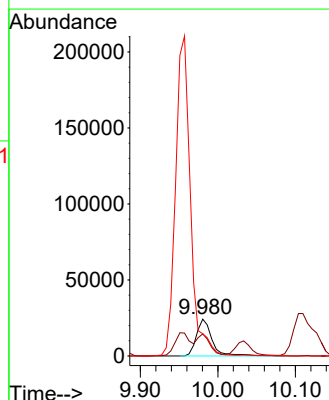
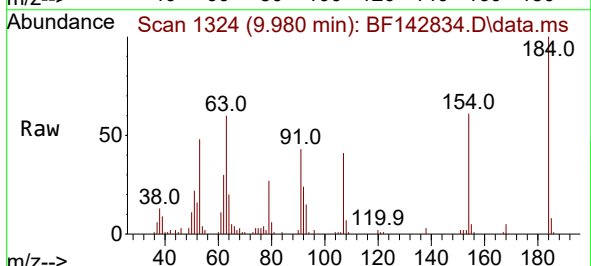
Tgt Ion:184 Resp: 33619

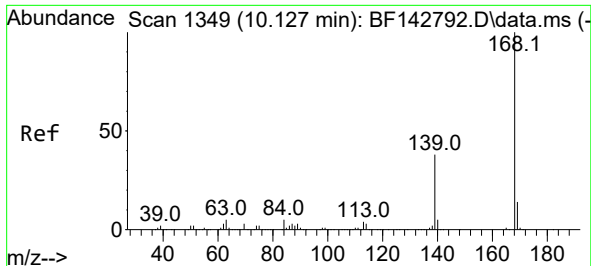
Ion Ratio Lower Upper

184 100

63 60.2 50.6 75.8

154 60.7 51.8 77.8

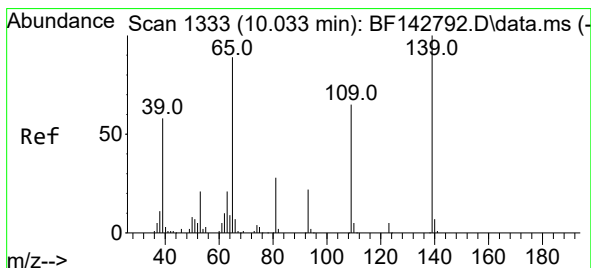
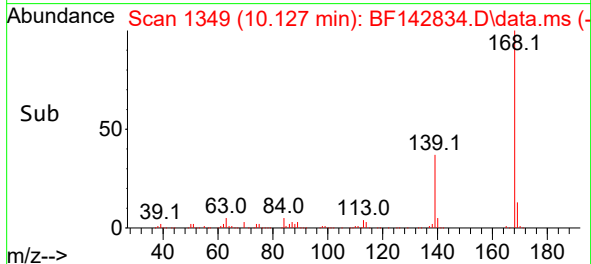
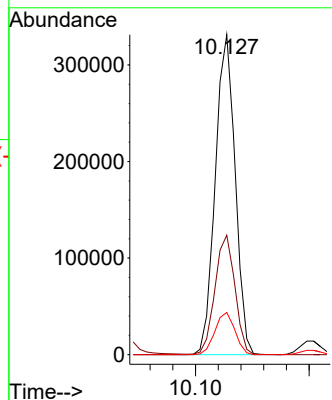
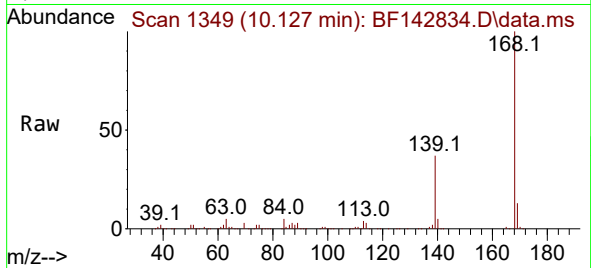




#55
Dibenzenofuran
Concen: 44.746 ng
RT: 10.127 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

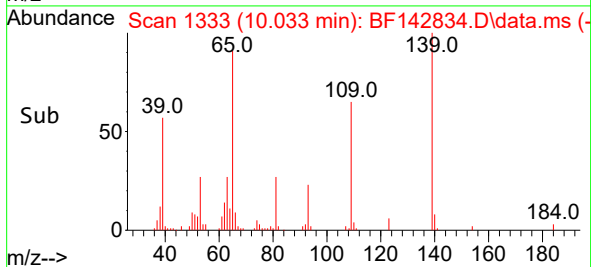
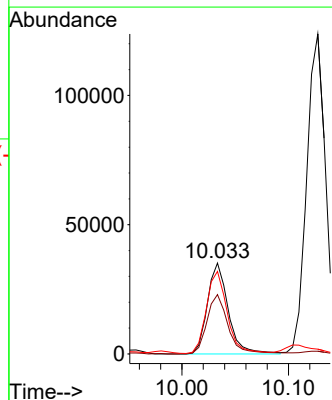
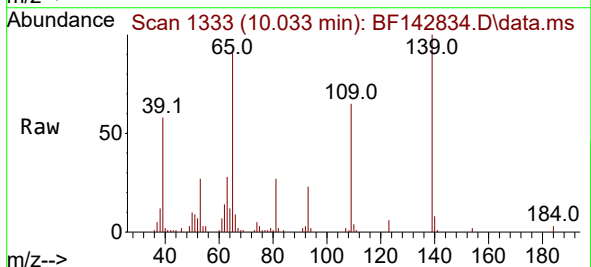
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

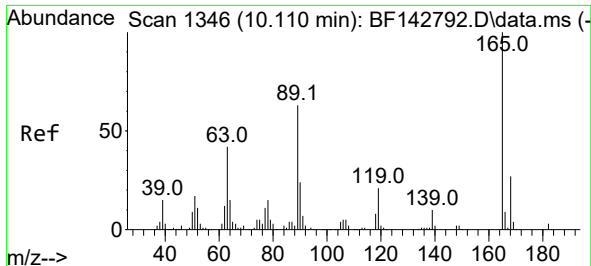
Tgt Ion:168 Resp: 402477
Ion Ratio Lower Upper
168 100
139 37.4 30.2 45.4
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 42.364 ng
RT: 10.033 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:139 Resp: 47821
Ion Ratio Lower Upper
139 100
109 65.2 44.7 84.7
65 90.8 69.8 109.8





#57

2,4-Dinitrotoluene

Concen: 41.648 ng

RT: 10.110 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 82849

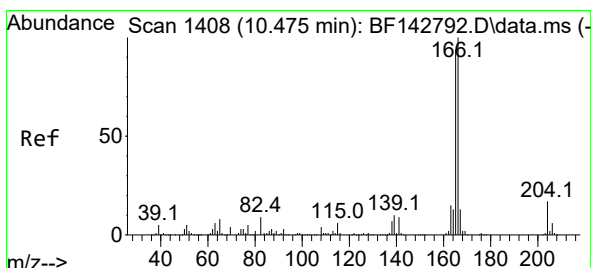
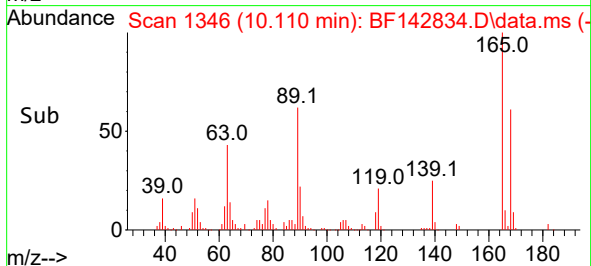
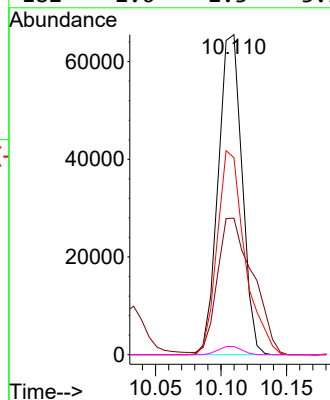
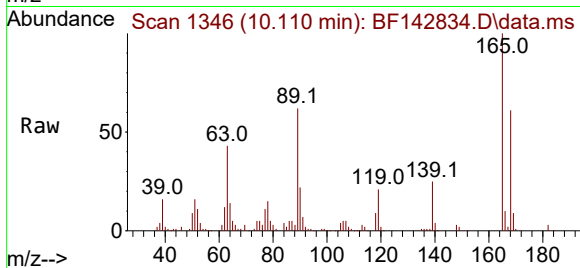
Ion Ratio Lower Upper

165 100

63 42.6 33.9 50.9

89 61.6 50.6 75.8

182 2.6 2.3 3.5



#58

Fluorene

Concen: 42.997 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

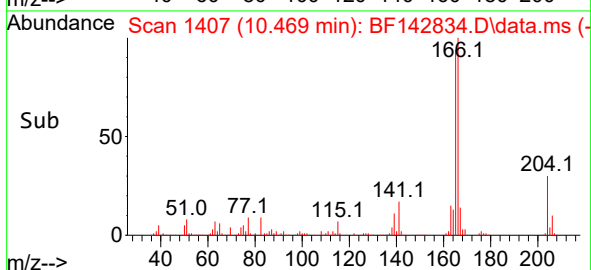
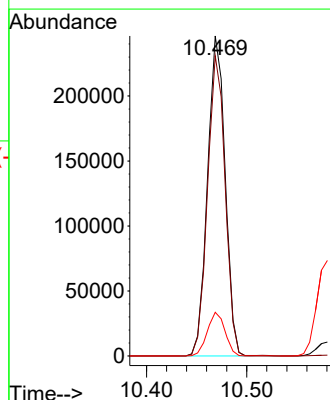
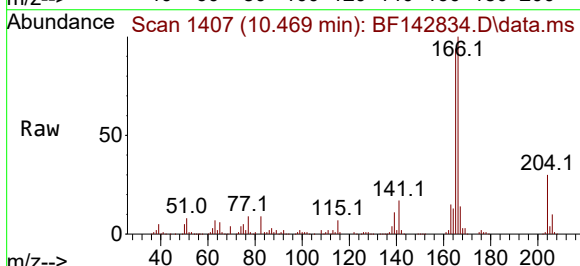
Tgt Ion:166 Resp: 302042

Ion Ratio Lower Upper

166 100

165 93.8 75.2 112.8

167 13.7 10.6 15.8

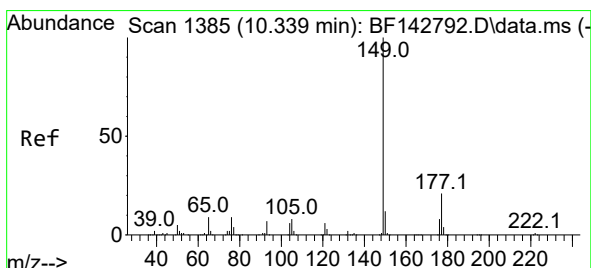
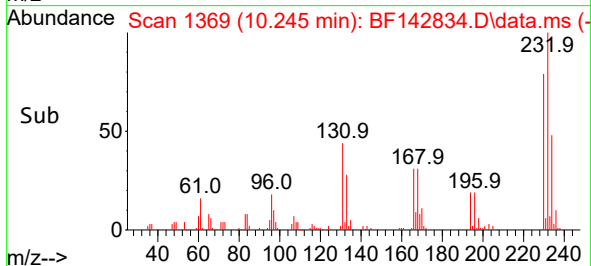
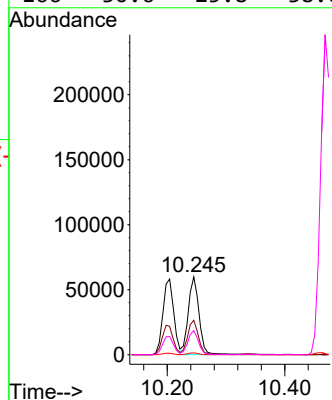
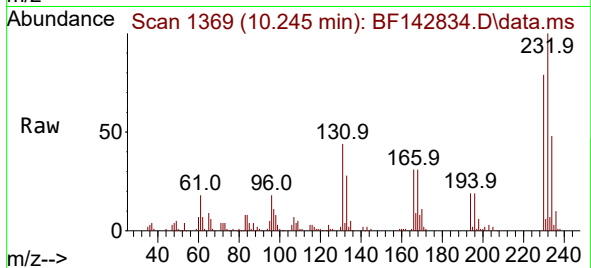




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.458 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

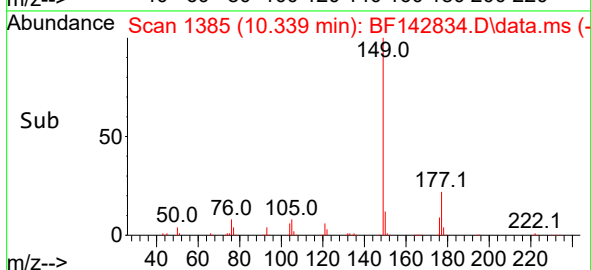
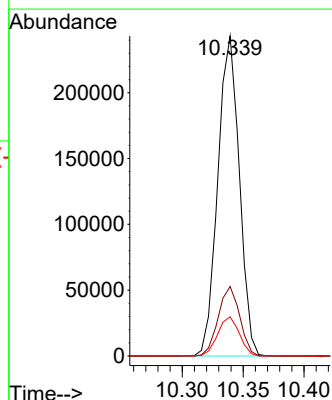
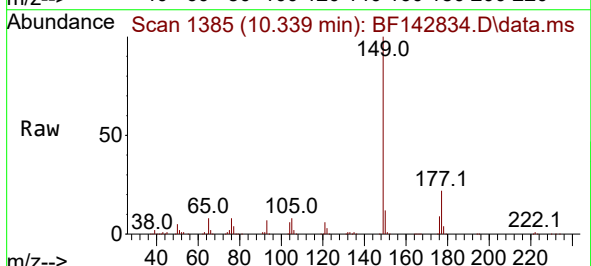
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

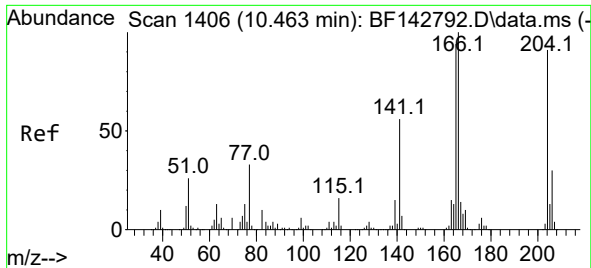
Tgt Ion:232 Resp: 76414
Ion Ratio Lower Upper
232 100
131 44.2 37.6 56.4
130 2.2 1.7 2.5
166 30.6 25.8 38.6



#60
Diethylphthalate
Concen: 44.703 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:149 Resp: 298902
Ion Ratio Lower Upper
149 100
177 21.7 17.0 25.6
150 12.3 9.8 14.6

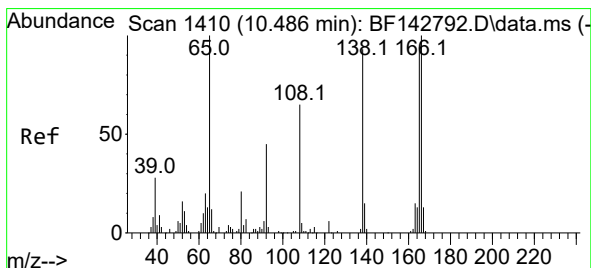
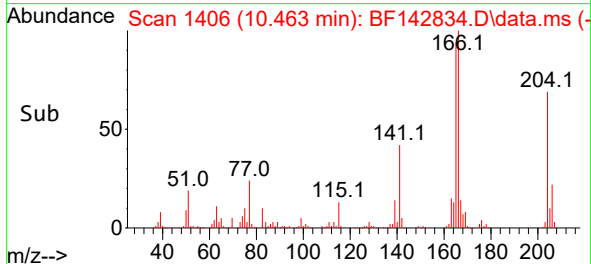
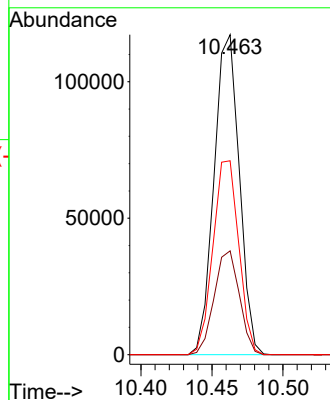
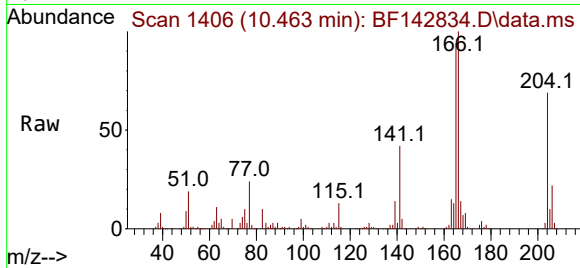




#61
4-Chlorophenyl-phenylether
Concen: 43.262 ng
RT: 10.463 min Scan# 1406
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

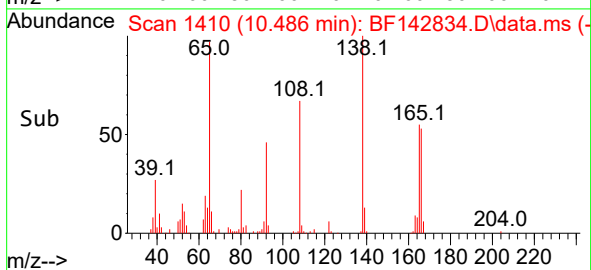
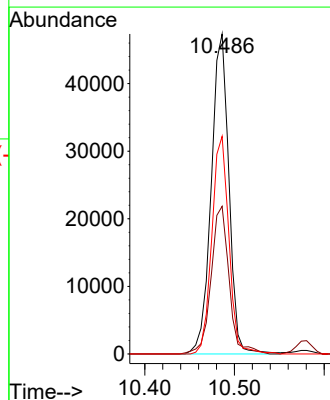
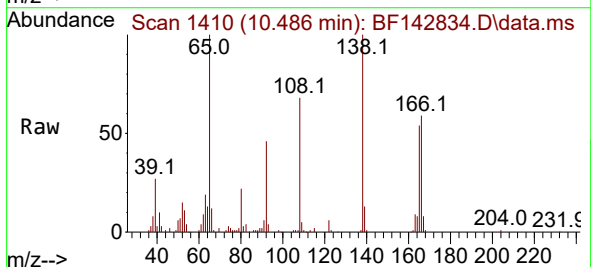
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

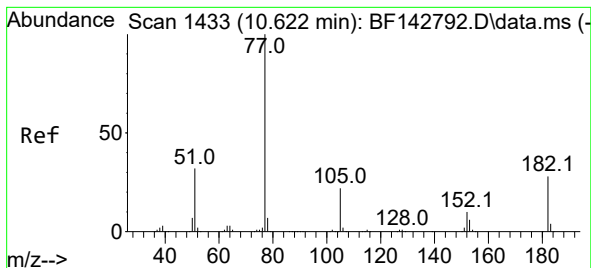
Tgt Ion:204 Resp: 145019
Ion Ratio Lower Upper
204 100
206 32.4 26.3 39.5
141 60.6 49.1 73.7



#62
4-Nitroaniline
Concen: 42.905 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:138 Resp: 64702
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 68.0 50.2 90.2





#63

Azobenzene

Concen: 43.395 ng

RT: 10.622 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 259329

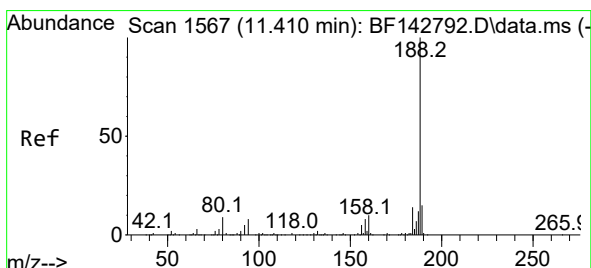
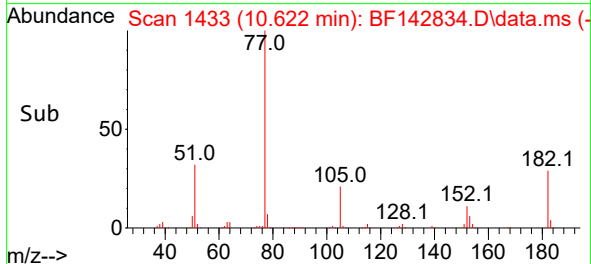
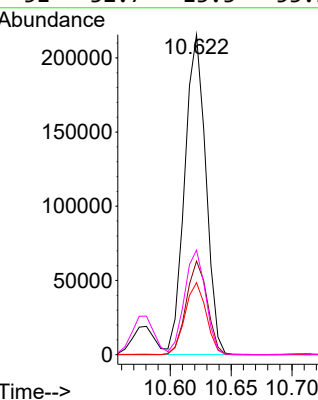
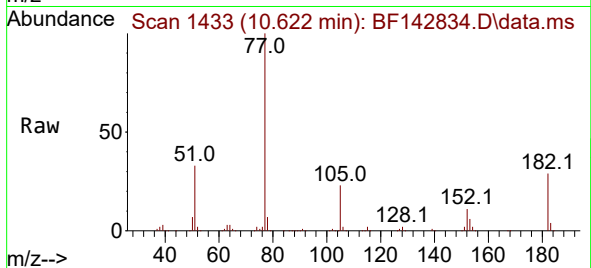
Ion Ratio Lower Upper

77 100

182 29.2 7.7 47.7

105 22.5 1.9 41.9

51 32.7 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: BF142834.D

Acq: 25 Jun 2025 13:25

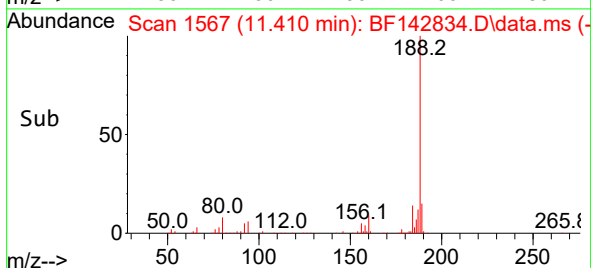
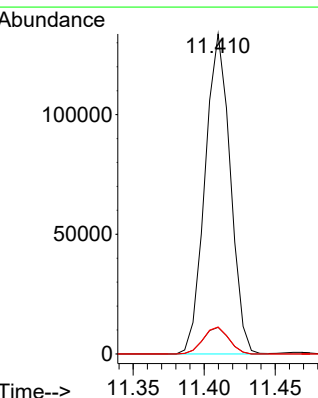
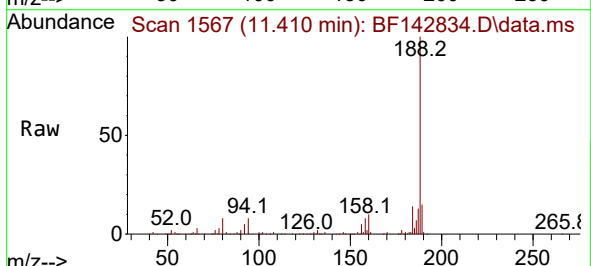
Tgt Ion:188 Resp: 165051

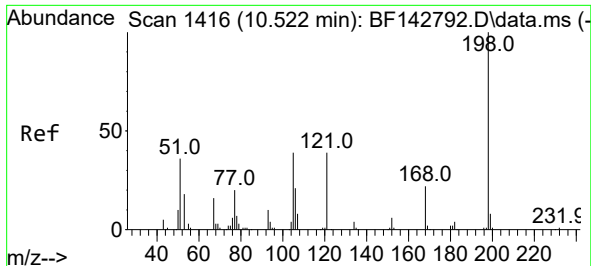
Ion Ratio Lower Upper

188 100

94 8.3 6.7 10.1

80 8.4 6.9 10.3

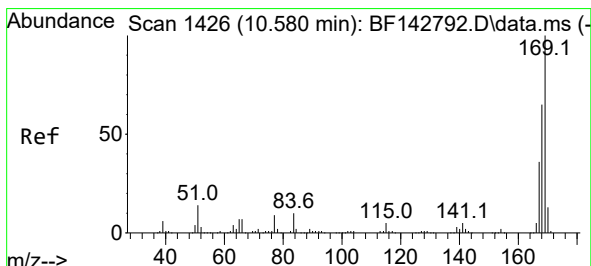
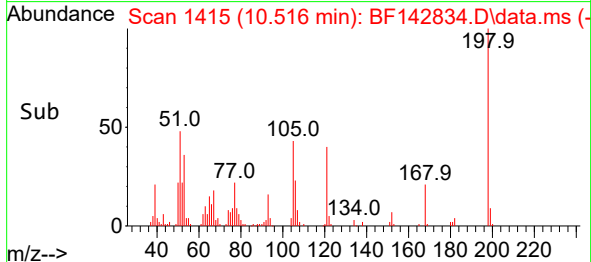
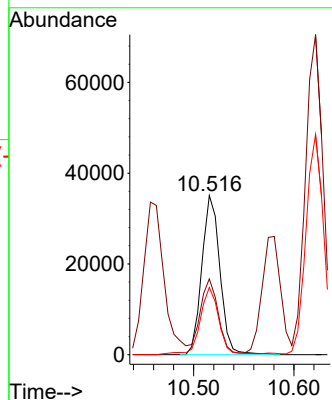
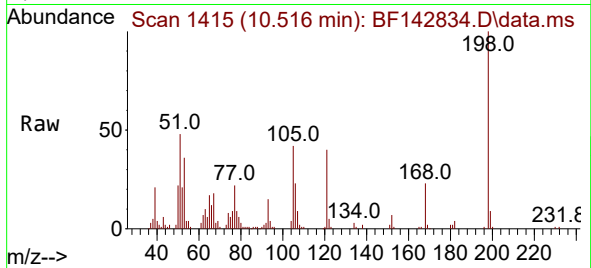




#65
4,6-Dinitro-2-methylphenol
Concen: 44.100 ng
RT: 10.516 min Scan# 1416
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

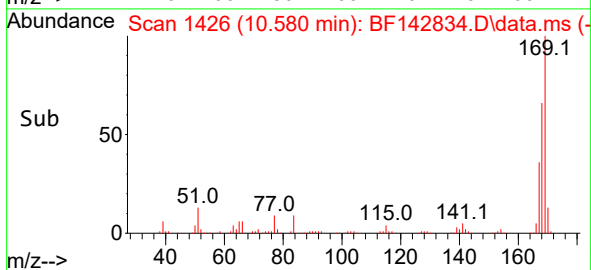
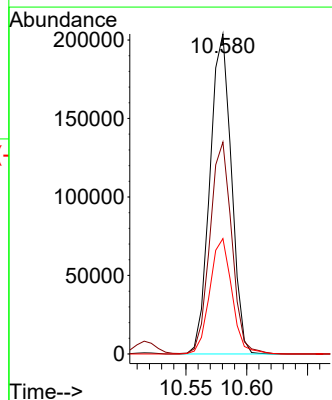
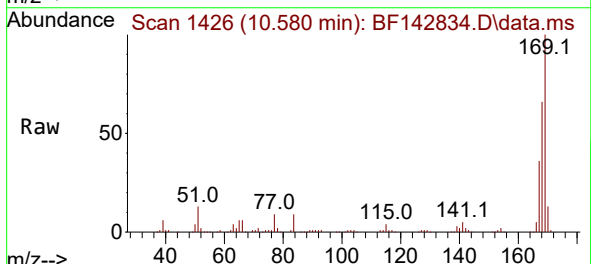
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

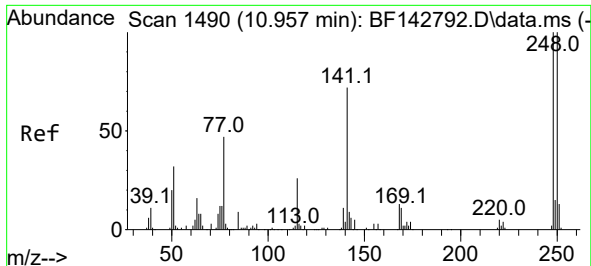
Tgt Ion:198 Resp: 44027
Ion Ratio Lower Upper
198 100
51 47.7 25.4 65.4
105 42.2 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 43.770 ng
RT: 10.580 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:169 Resp: 250374
Ion Ratio Lower Upper
169 100
168 66.2 51.9 77.9
167 36.0 28.5 42.7

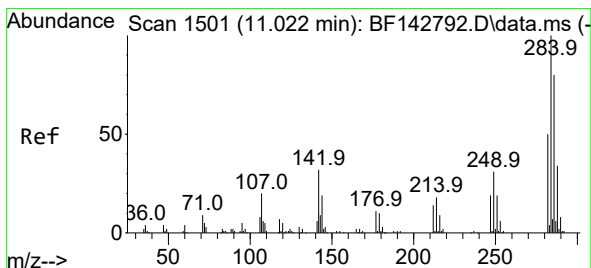
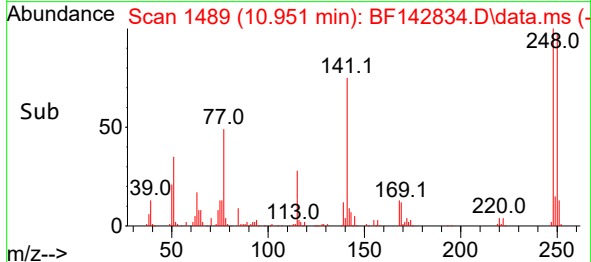
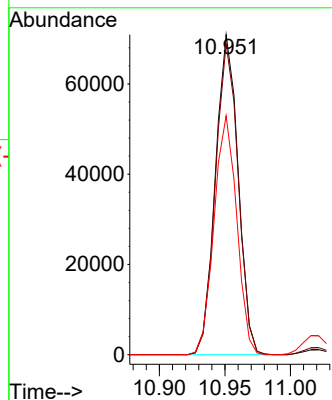
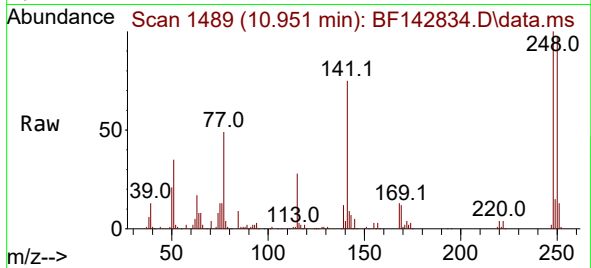




#67
4-Bromophenyl-phenylether
Concen: 45.479 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

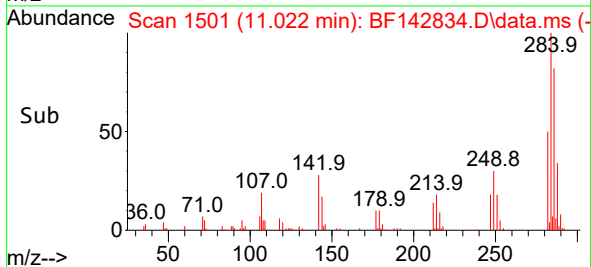
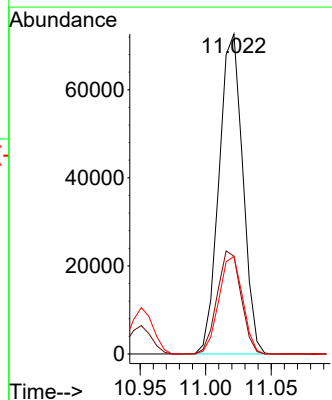
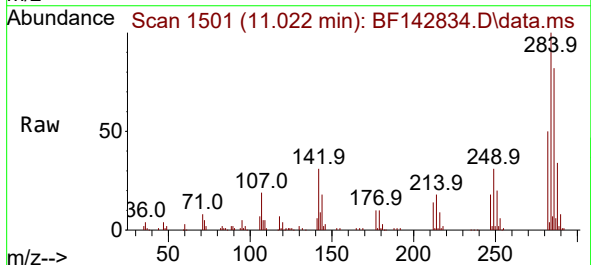
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

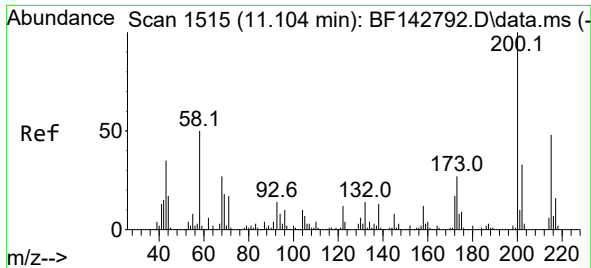
Tgt Ion:248 Resp: 85430
Ion Ratio Lower Upper
248 100
250 97.2 79.8 119.8
141 74.7 57.8 86.6



#68
Hexachlorobenzene
Concen: 43.810 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:284 Resp: 91443
Ion Ratio Lower Upper
284 100
142 30.5 25.5 38.3
249 30.5 24.9 37.3





#69

Atrazine

Concen: 44.922 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

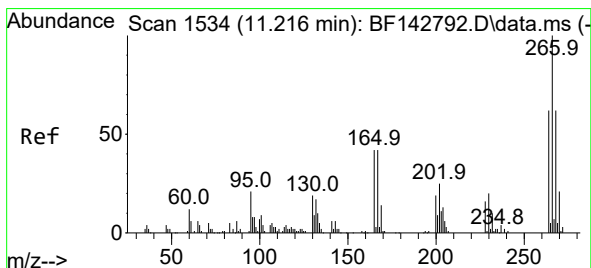
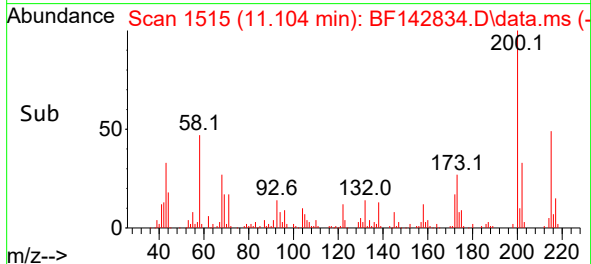
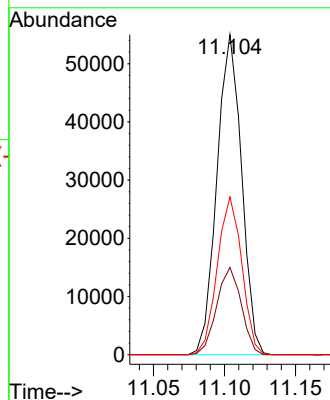
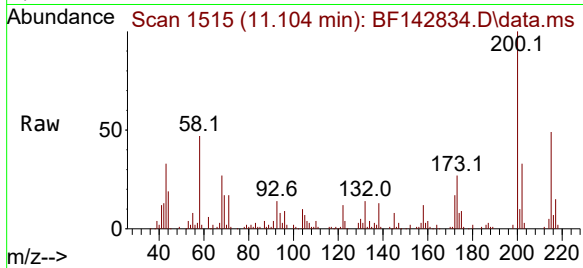
Tgt Ion:200 Resp: 66356

Ion Ratio Lower Upper

200 100

173 27.3 7.4 47.4

215 49.2 28.4 68.4



#70

Pentachlorophenol

Concen: 47.555 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

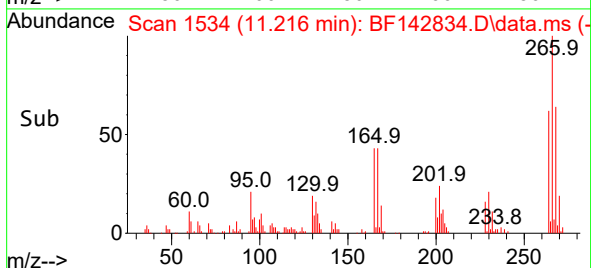
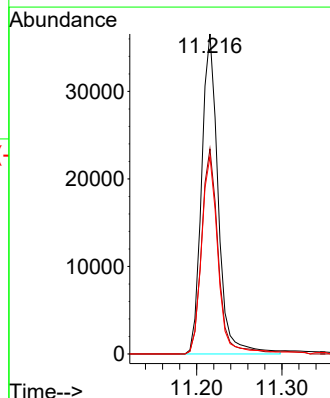
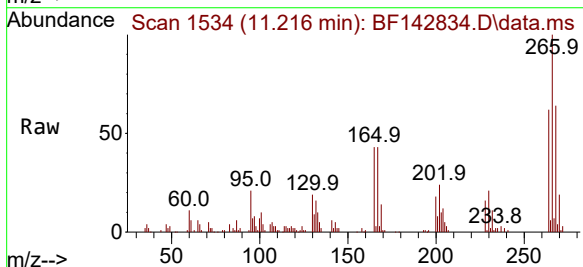
Tgt Ion:266 Resp: 49461

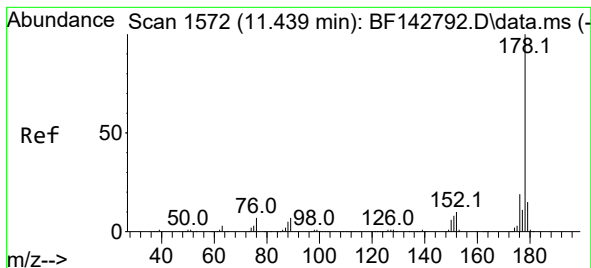
Ion Ratio Lower Upper

266 100

268 64.1 49.8 74.8

264 61.7 49.9 74.9





#71

Phenanthrene

Concen: 43.939 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

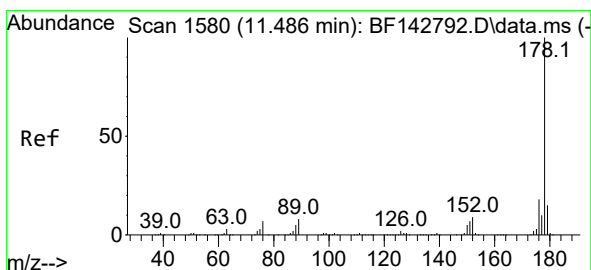
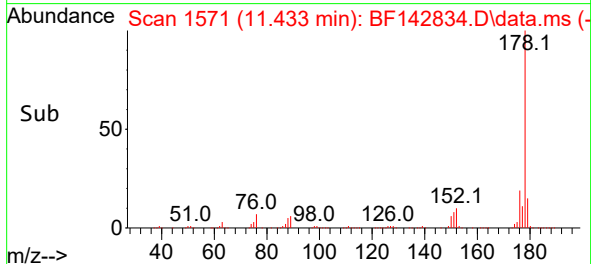
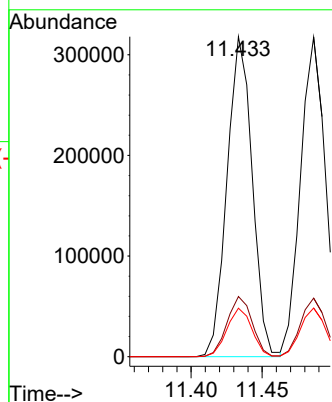
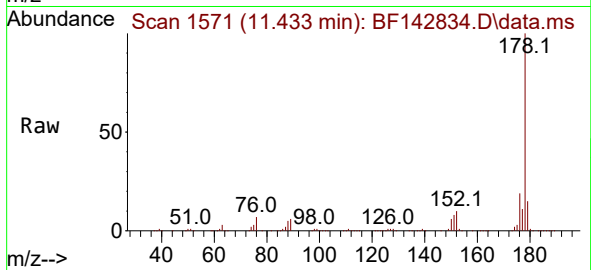
Tgt Ion:178 Resp: 392851

Ion Ratio Lower Upper

178 100

176 18.8 15.1 22.7

179 15.2 12.0 18.0



#72

Anthracene

Concen: 42.146 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

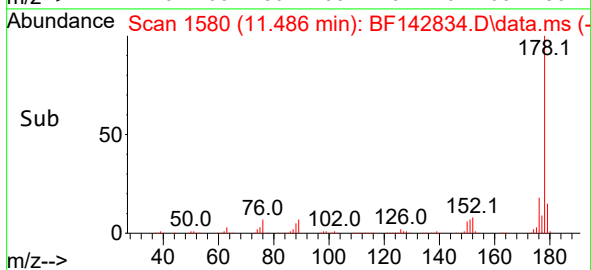
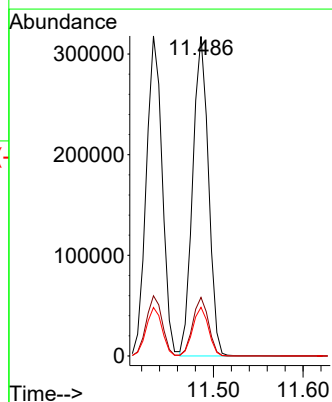
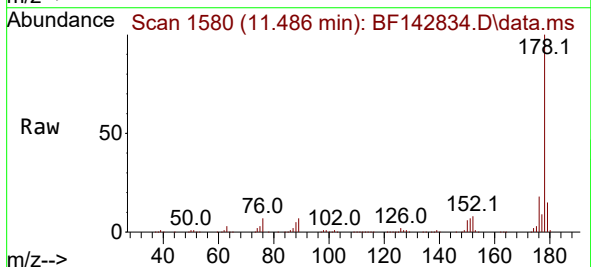
Tgt Ion:178 Resp: 386458

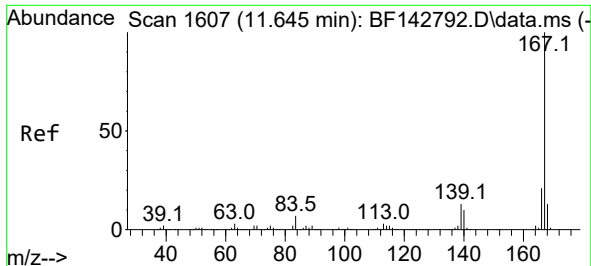
Ion Ratio Lower Upper

178 100

176 18.3 14.6 21.8

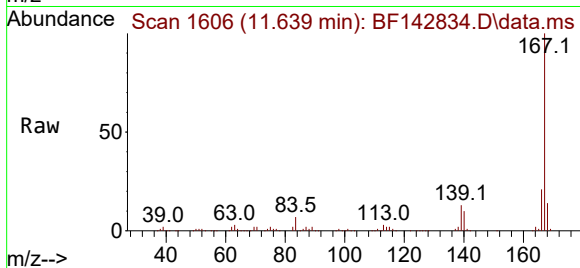
179 15.2 12.4 18.6



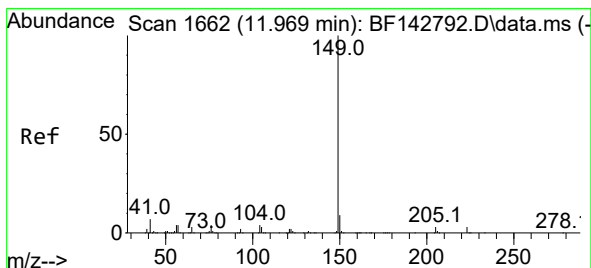
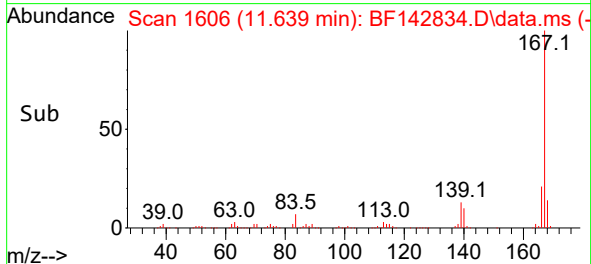
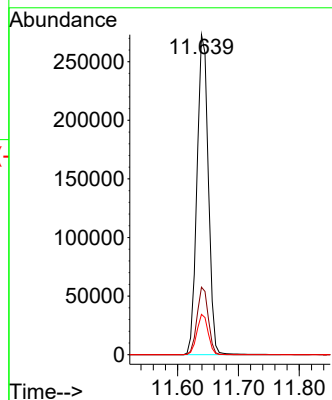


#73
 Carbazole
 Concen: 44.618 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

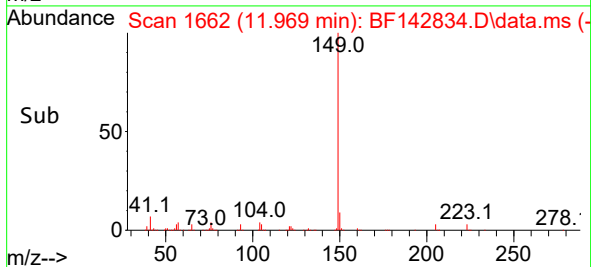
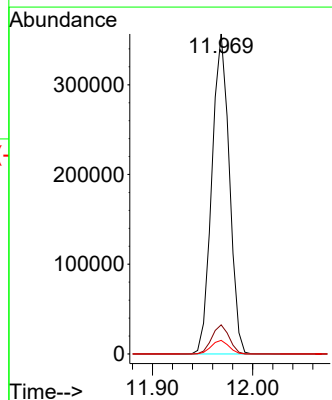
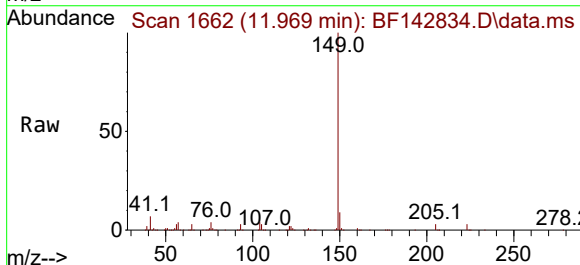


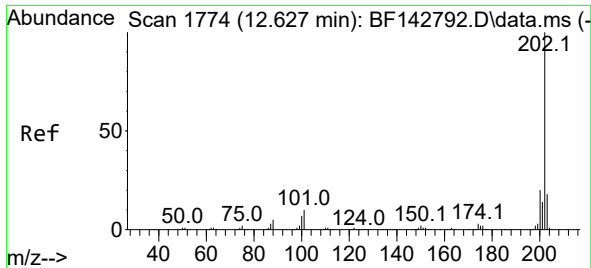
Tgt Ion:167 Resp: 353066
 Ion Ratio Lower Upper
 167 100
 166 21.1 17.0 25.4
 139 12.6 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 52.204 ng
 RT: 11.969 min Scan# 1662
 Delta R.T. 0.000 min
 Lab File: BF142834.D
 Acq: 25 Jun 2025 13:25

Tgt Ion:149 Resp: 430341
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.4 11.0
 104 4.2 3.5 5.3

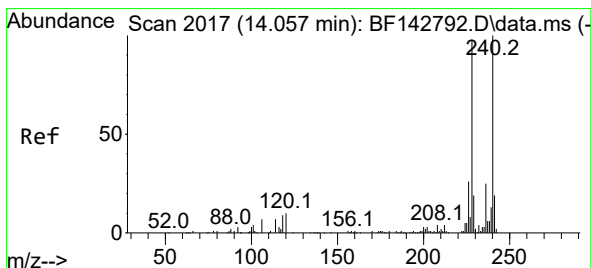
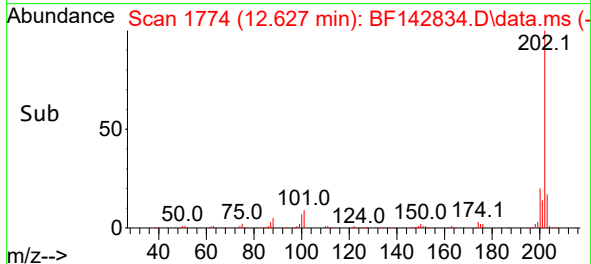
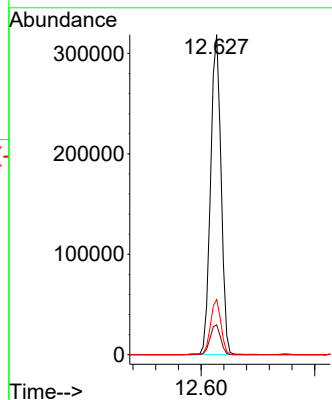
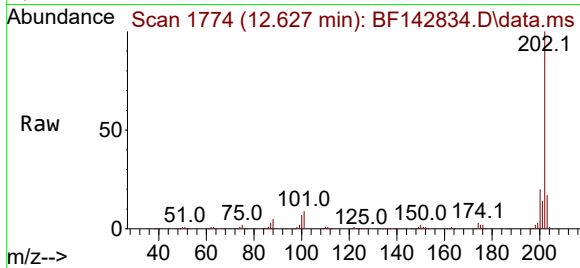




#75
Fluoranthene
Concen: 47.656 ng
RT: 12.627 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

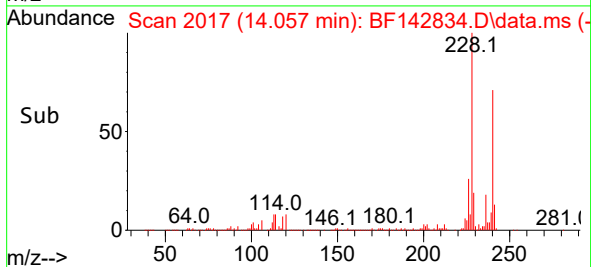
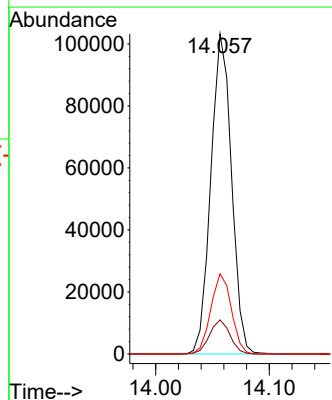
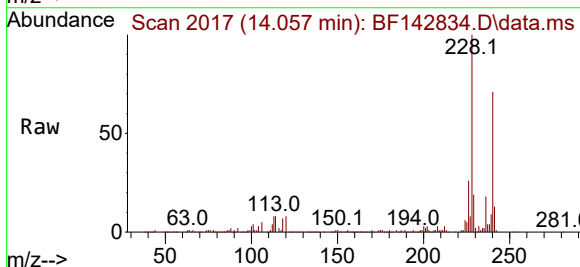
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

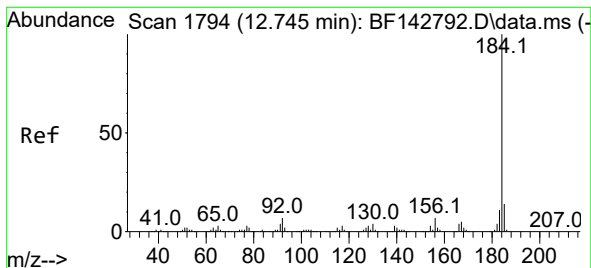
Tgt Ion:202 Resp: 404373
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 17.2 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2017
Delta R.T. 0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:240 Resp: 130450
Ion Ratio Lower Upper
240 100
120 10.6 8.2 12.2
236 25.1 19.8 29.8





#77

Benzidine

Concen: 33.751 ng

RT: 12.751 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

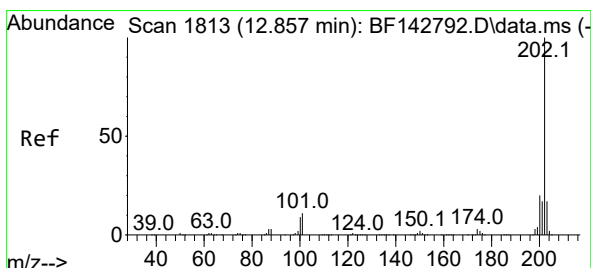
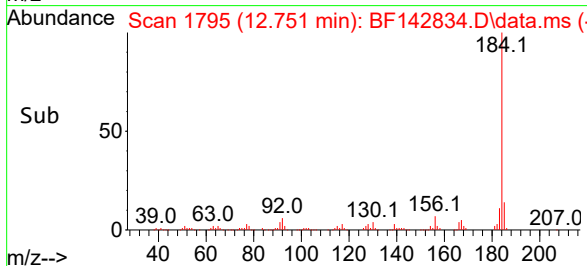
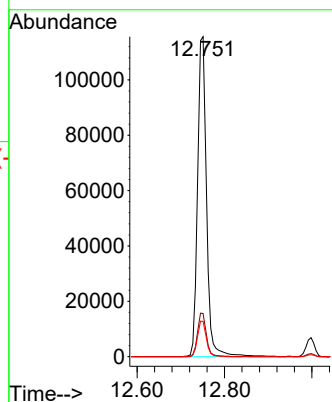
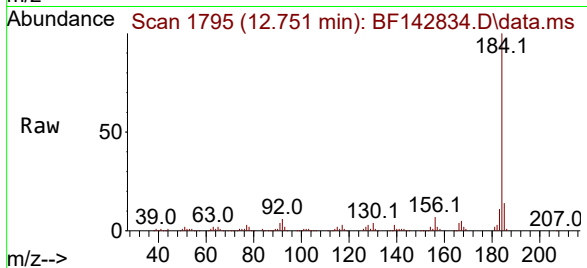
Tgt Ion:184 Resp: 165421

Ion Ratio Lower Upper

184 100

185 13.5 11.5 17.3

183 11.1 9.0 13.4



#78

Pyrene

Concen: 33.232 ng

RT: 12.857 min Scan# 1813

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

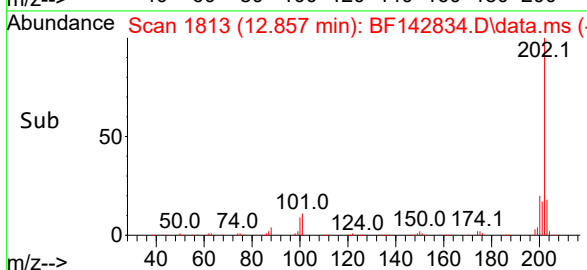
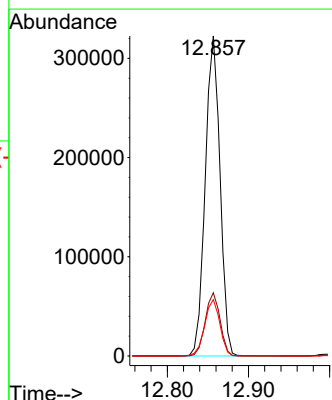
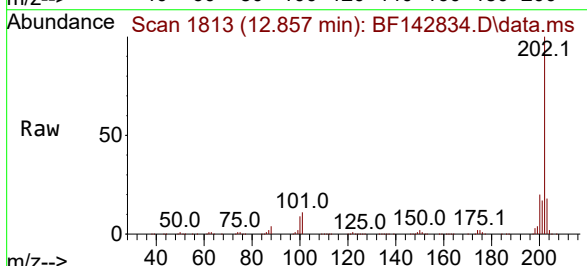
Tgt Ion:202 Resp: 406353

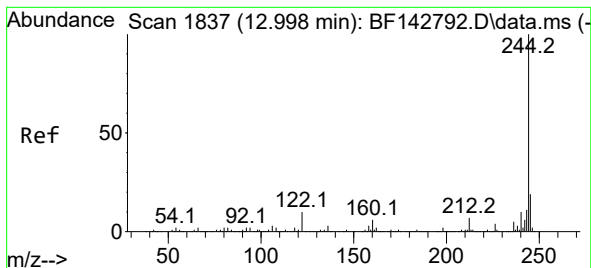
Ion Ratio Lower Upper

202 100

200 19.8 15.7 23.5

203 17.6 13.8 20.6





#79

Terphenyl-d14

Concen: 70.670 ng

RT: 12.998 min Scan# 1837

Delta R.T. -0.000 min

Lab File: BF142834.D

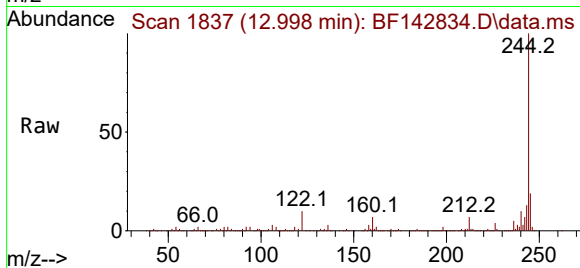
Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040



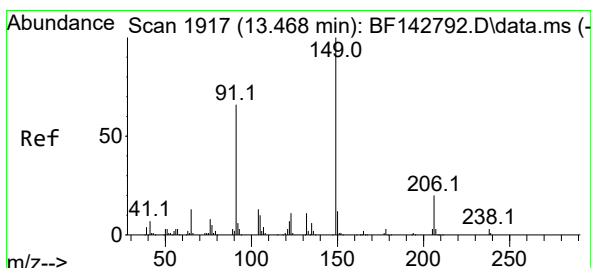
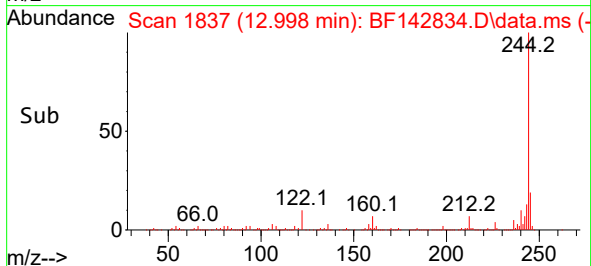
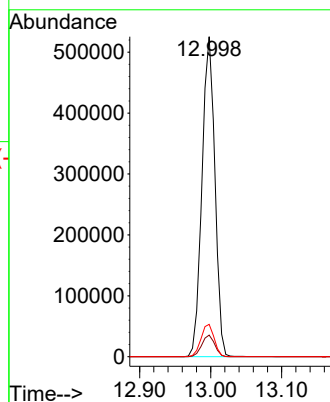
Tgt Ion:244 Resp: 667218

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.0

122 10.1 8.2 12.2



#80

Butylbenzylphthalate

Concen: 49.292 ng

RT: 13.468 min Scan# 1917

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

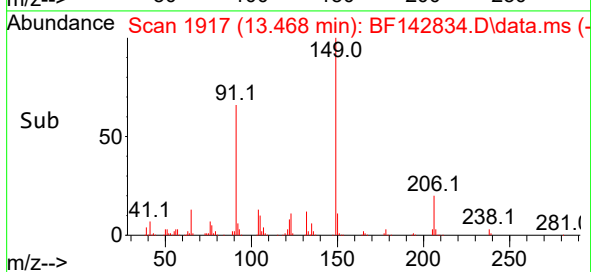
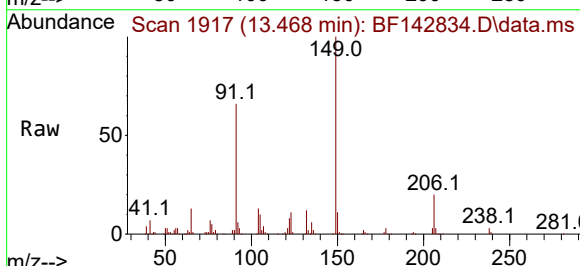
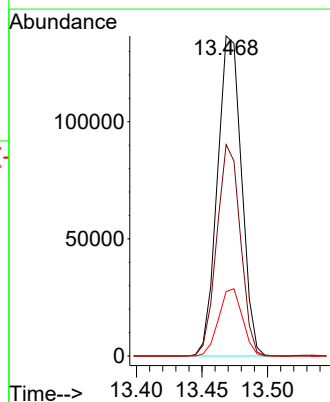
Tgt Ion:149 Resp: 174834

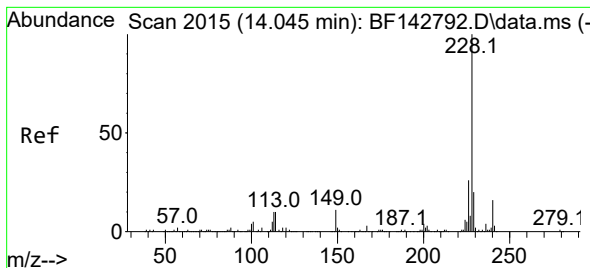
Ion Ratio Lower Upper

149 100

91 66.0 52.9 79.3

206 20.1 16.3 24.5





#81

Benzo(a)anthracene

Concen: 44.285 ng

RT: 14.045 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

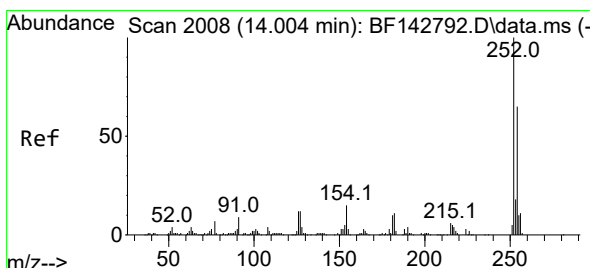
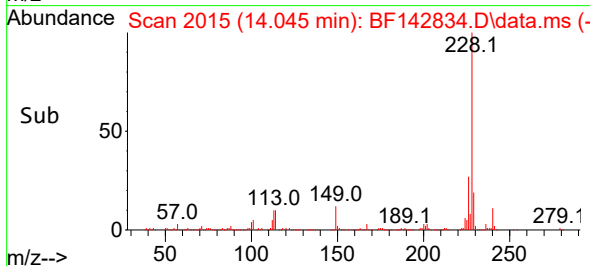
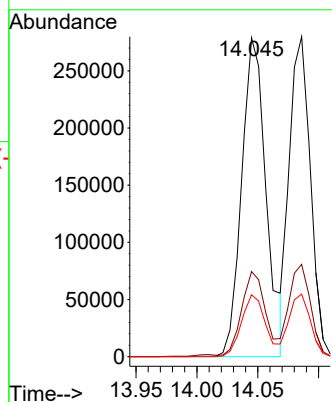
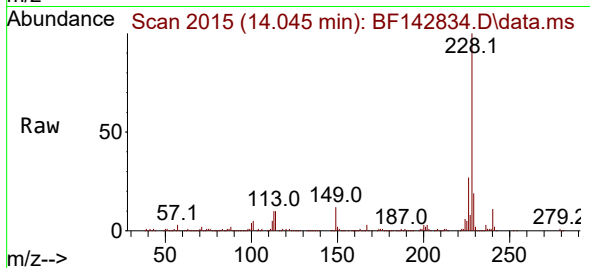
Tgt Ion:228 Resp: 389721

Ion Ratio Lower Upper

228 100

226 26.7 21.2 31.8

229 19.4 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 43.094 ng

RT: 14.010 min Scan# 2009

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

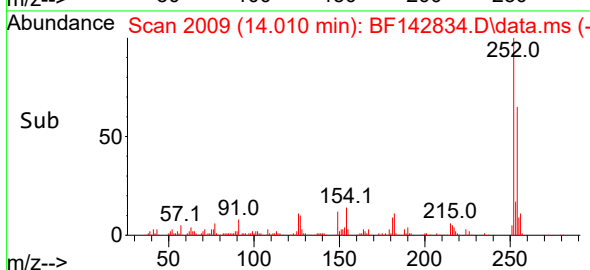
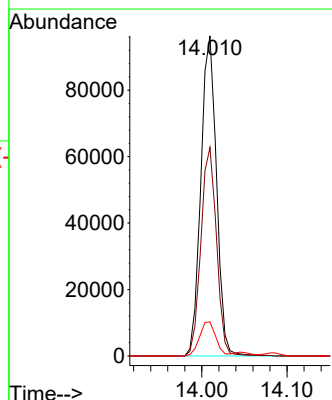
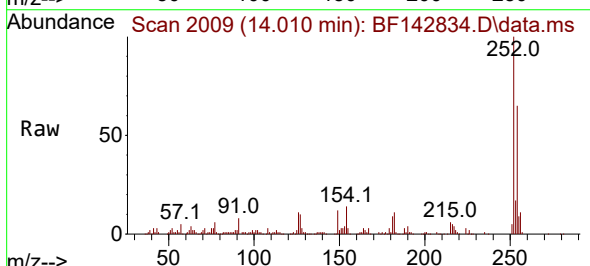
Tgt Ion:252 Resp: 123008

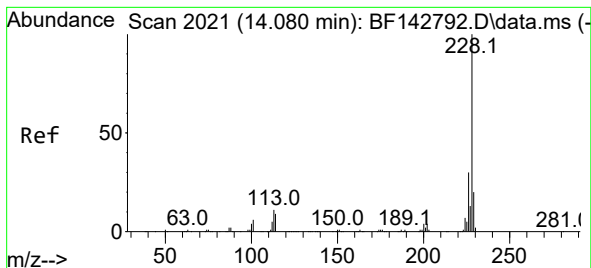
Ion Ratio Lower Upper

252 100

254 65.1 51.7 77.5

126 10.6 9.4 14.2





#83

Chrysene

Concen: 43.234 ng

RT: 14.086 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

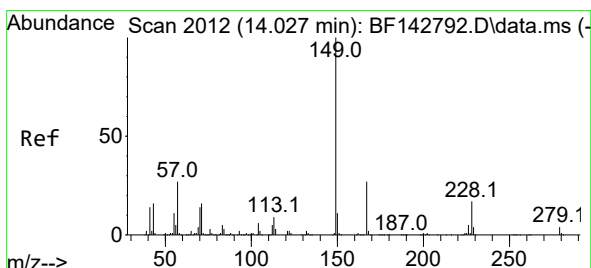
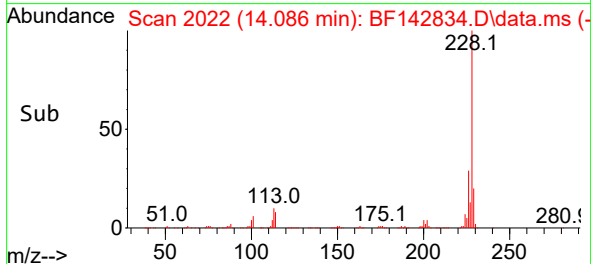
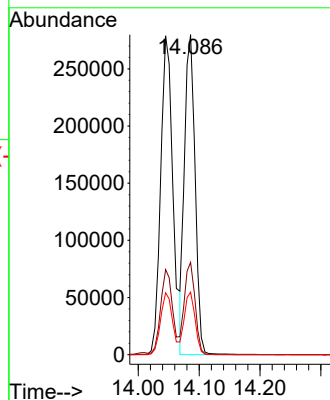
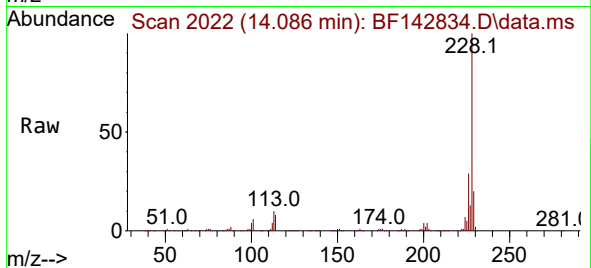
Tgt Ion:228 Resp: 339500

Ion Ratio Lower Upper

228 100

226 28.8 23.7 35.5

229 19.5 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.937 ng

RT: 14.027 min Scan# 2012

Delta R.T. -0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

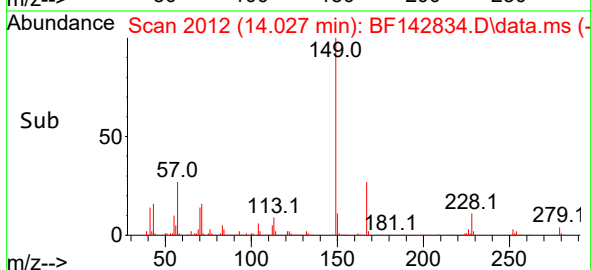
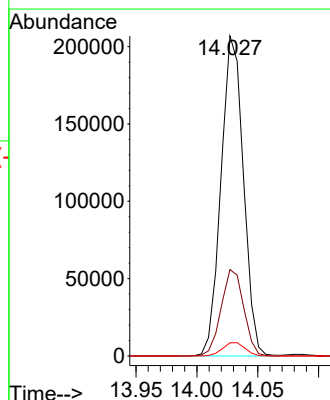
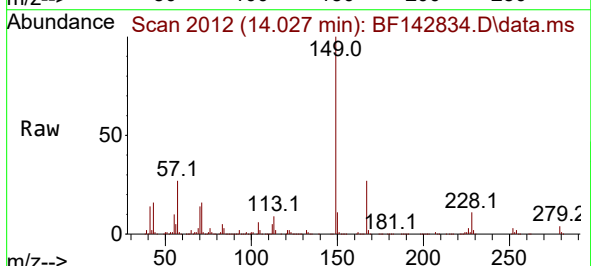
Tgt Ion:149 Resp: 265043

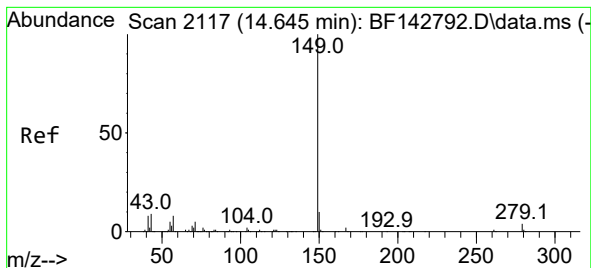
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.1 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 49.504 ng

RT: 14.645 min Scan# 2117

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

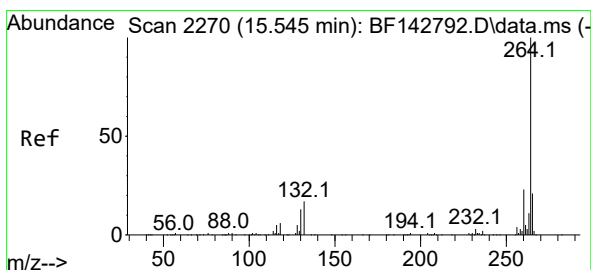
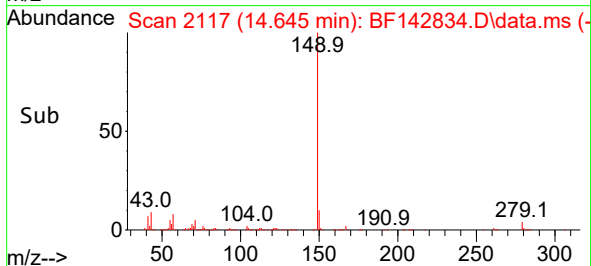
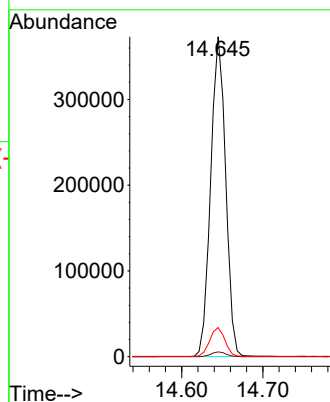
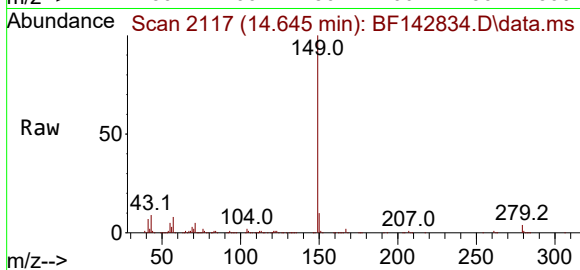
Tgt Ion:149 Resp: 476363

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.1 7.6 11.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 2271

Delta R.T. 0.006 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

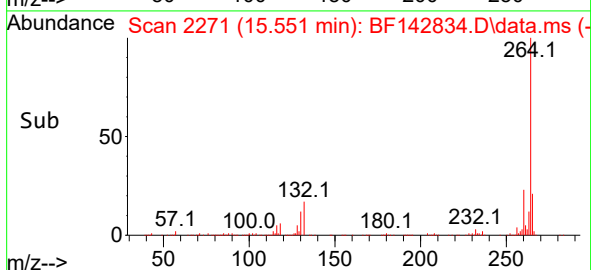
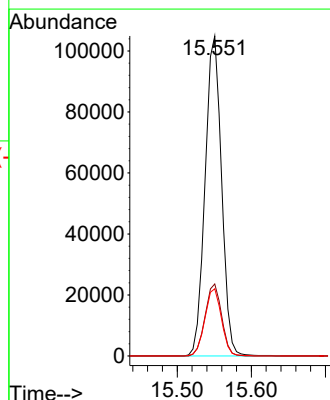
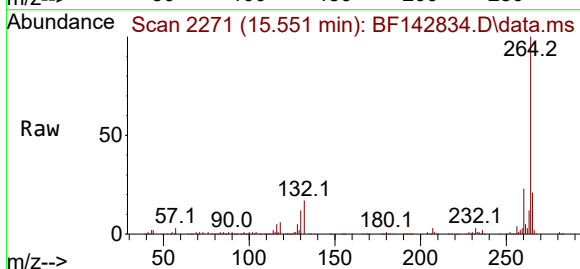
Tgt Ion:264 Resp: 161869

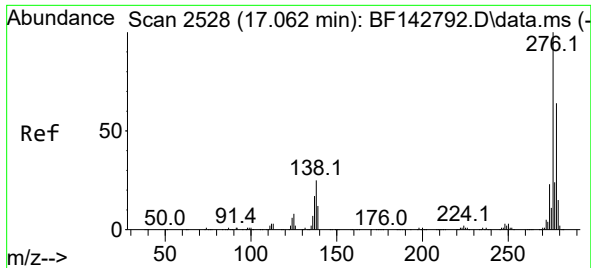
Ion Ratio Lower Upper

264 100

260 22.5 18.1 27.1

265 21.0 16.6 25.0

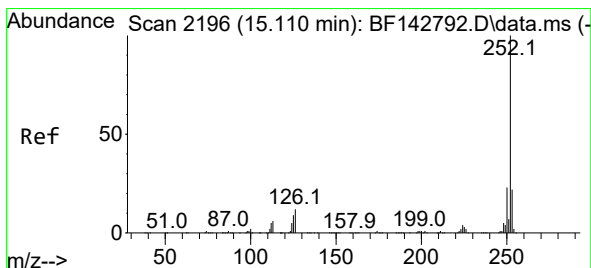
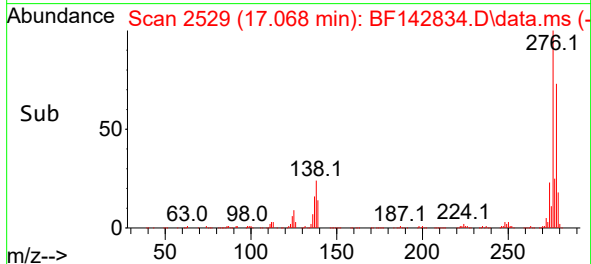
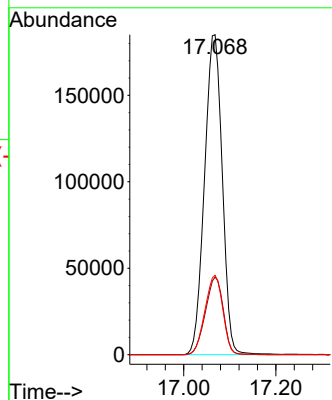
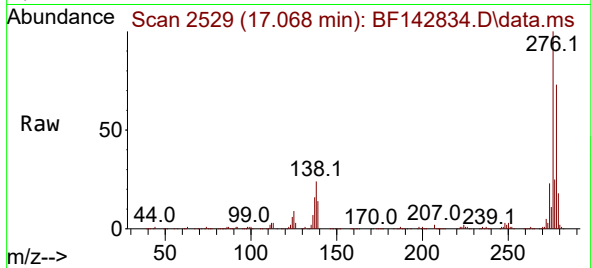




#87
Indeno(1,2,3-cd)pyrene
Concen: 40.260 ng
RT: 17.068 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

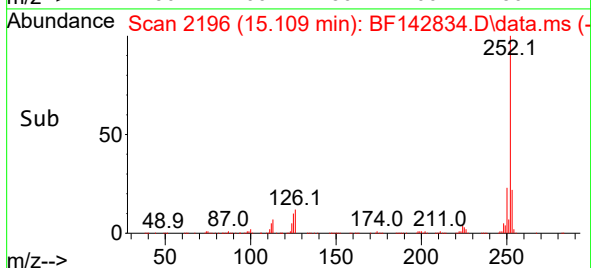
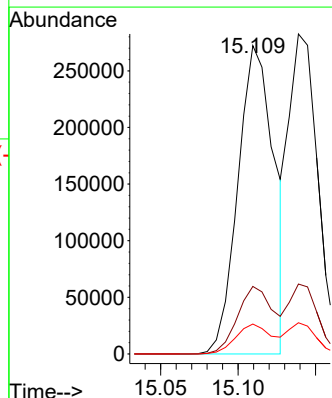
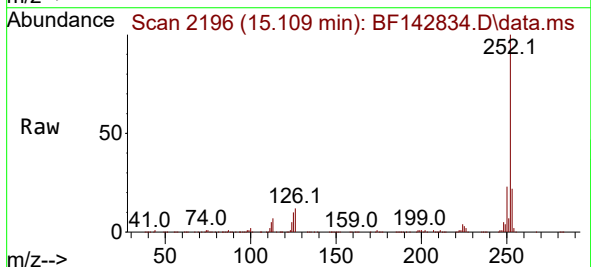
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

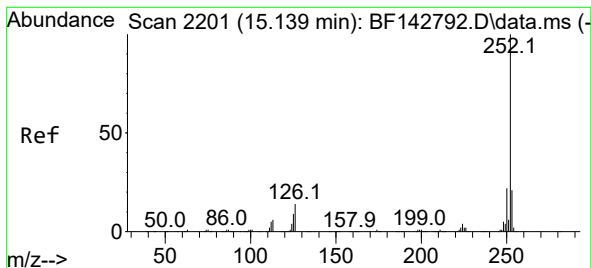
Tgt Ion:276 Resp: 496379
Ion Ratio Lower Upper
276 100
138 24.5 20.2 30.4
277 24.9 19.8 29.6



#88
Benzo(b)fluoranthene
Concen: 47.198 ng
RT: 15.109 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:252 Resp: 442080
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.7 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 41.788 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

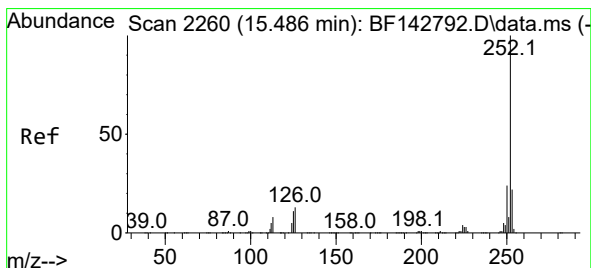
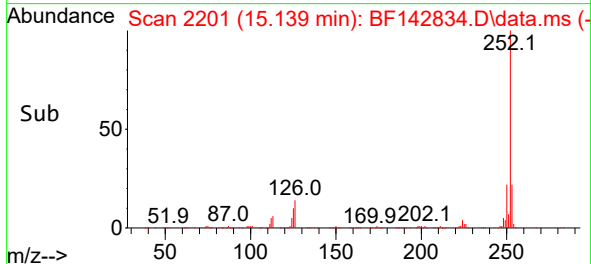
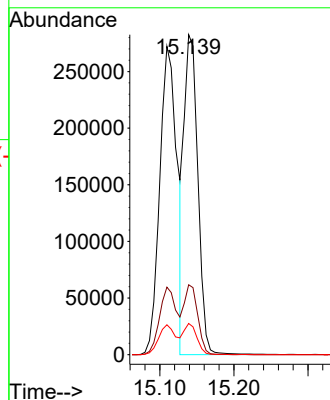
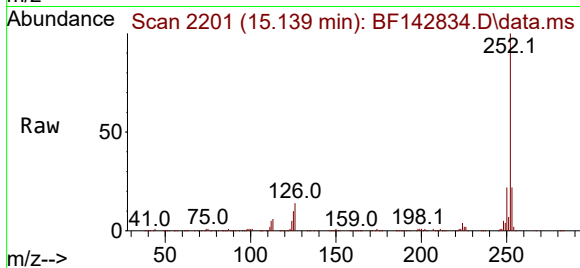
Tgt Ion:252 Resp: 366193

Ion Ratio Lower Upper

252 100

253 21.8 17.2 25.8

125 9.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 40.946 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142834.D

Acq: 25 Jun 2025 13:25

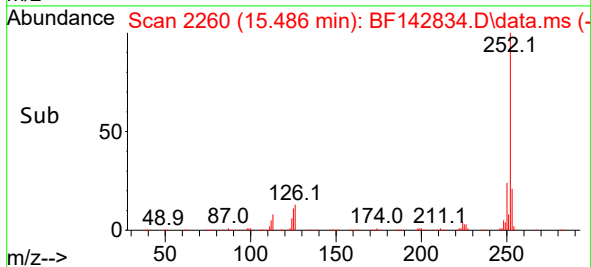
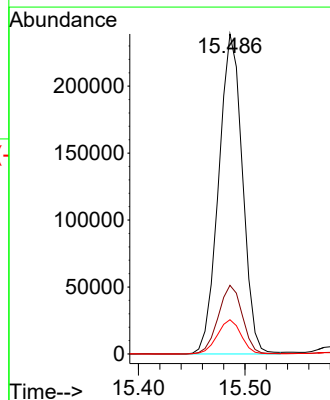
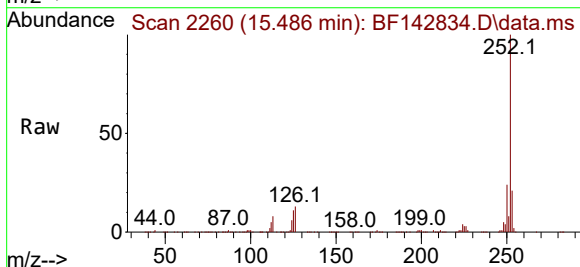
Tgt Ion:252 Resp: 370504

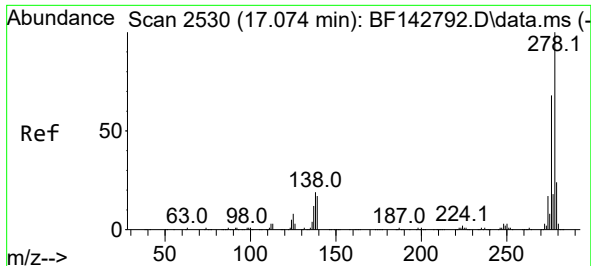
Ion Ratio Lower Upper

252 100

253 21.5 17.5 26.3

125 10.7 8.6 12.8

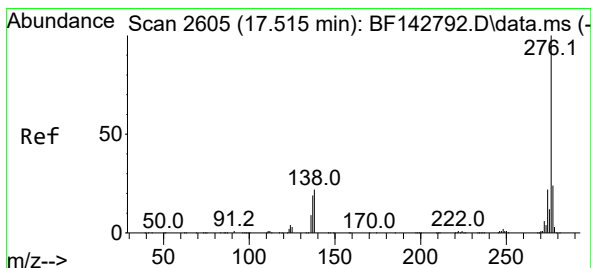
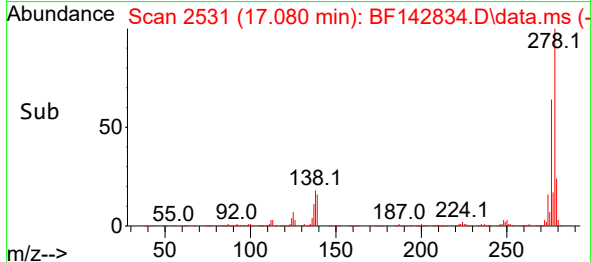
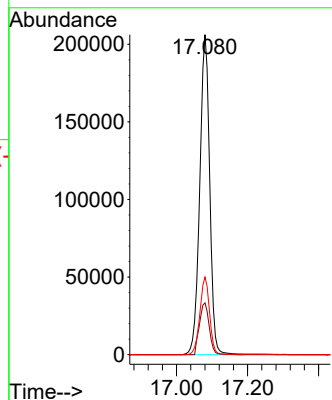
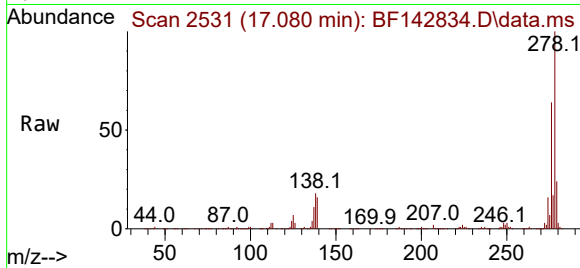




#91
Dibenzo(a,h)anthracene
Concen: 40.224 ng
RT: 17.080 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 402958
Ion Ratio Lower Upper
278 100
139 16.2 13.5 20.3
279 24.2 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 41.282 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142834.D
Acq: 25 Jun 2025 13:25

Tgt Ion:276 Resp: 412382
Ion Ratio Lower Upper
276 100
277 23.1 18.8 28.2
138 21.4 17.6 26.4

