

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062725\
 Data File : BF142882.D
 Acq On : 27 Jun 2025 09:51
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Jun 27 11:46:40 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF061925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	70500	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	264550	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	140000	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	234291	20.000	ng	0.00
76) Chrysene-d12	14.057	240	139168	20.000	ng	0.00
86) Perylene-d12	15.545	264	151209	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	357569	84.443	ng	0.00
7) Phenol-d6	6.510	99	415394	83.149	ng	0.00
23) Nitrobenzene-d5	7.445	82	477762	99.057	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	121734	84.497	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	998745	93.716	ng	0.00
79) Terphenyl-d14	12.998	244	871106	86.486	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.628	88	68061	40.186	ng	99
3) Pyridine	3.405	79	171908	40.487	ng	99
4) n-Nitrosodimethylamine	3.352	42	88749	40.420	ng	99
6) Aniline	6.540	93	276214	41.552	ng	97
8) 2-Chlorophenol	6.663	128	193634	42.392	ng	97
9) Benzaldehyde	6.428	77	105877	35.722	ng	99
10) Phenol	6.522	94	228233	41.099	ng	95
11) bis(2-Chloroethyl)ether	6.610	93	163774	41.264	ng	98
12) 1,3-Dichlorobenzene	6.816	146	213093	41.714	ng	99
13) 1,4-Dichlorobenzene	6.893	146	220329	42.749	ng	99
14) 1,2-Dichlorobenzene	7.045	146	205480	42.033	ng	99
15) Benzyl Alcohol	7.022	79	152439	42.208	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.151	45	252551	39.605	ng	97
17) 2-Methylphenol	7.134	107	144657	41.790	ng	98
18) Hexachloroethane	7.387	117	76850	42.629	ng	99
19) n-Nitroso-di-n-propyla...	7.293	70	121595	41.849	ng	97
20) 3+4-Methylphenols	7.287	107	180389	41.797	ng	95
22) Acetophenone	7.287	105	242192	41.515	ng	98
24) Nitrobenzene	7.463	77	180776	41.412	ng	99
25) Isophorone	7.704	82	322599	41.696	ng	99
26) 2-Nitrophenol	7.781	139	103609	43.570	ng	97
27) 2,4-Dimethylphenol	7.816	122	174240	42.301	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	205343	41.746	ng	99
29) 2,4-Dichlorophenol	8.022	162	156473	41.895	ng	100
30) 1,2,4-Trichlorobenzene	8.104	180	170514	41.519	ng	99
31) Naphthalene	8.187	128	540387	41.731	ng	99
32) Benzoic acid	7.928	122	88699	42.249	ng	96
33) 4-Chloroaniline	8.234	127	221895	42.142	ng	97
34) Hexachlorobutadiene	8.298	225	104342	41.536	ng	99
35) Caprolactam	8.604	113	45431	46.097	ng	96
36) 4-Chloro-3-methylphenol	8.716	107	157062	42.314	ng	99
37) 2-Methylnaphthalene	8.875	142	333334	41.521	ng	99
38) 1-Methylnaphthalene	8.975	142	347469	41.811	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	169797	41.104	ng	99
41) Hexachlorocyclopentadiene	9.028	237	85906	36.646	ng	98
43) 2,4,6-Trichlorophenol	9.157	196	110019	40.872	ng	99

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 QLast Update : Tue Jun 24 05:28:21 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	117411	41.435	ng	99
46) 1,1'-Biphenyl	9.339	154	453330	40.991	ng	100
47) 2-Chloronaphthalene	9.369	162	337318	40.645	ng	99
48) 2-Nitroaniline	9.463	65	98089	42.158	ng	97
49) Acenaphthylene	9.781	152	561931	41.130	ng	99
50) Dimethylphthalate	9.639	163	385972	42.591	ng	100
51) 2,6-Dinitrotoluene	9.704	165	83923	42.169	ng	98
52) Acenaphthene	9.957	154	345883	41.495	ng	99
53) 3-Nitroaniline	9.875	138	93460	42.653	ng	99
54) 2,4-Dinitrophenol	9.986	184	40658	40.800	ng	93
55) Dibenzofuran	10.128	168	489849	40.981	ng	99
56) 4-Nitrophenol	10.034	139	60360	40.238	ng	96
57) 2,4-Dinitrotoluene	10.110	165	114910	43.469	ng	99
58) Fluorene	10.469	166	387127	41.470	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.245	232	95093	41.633	ng	96
60) Diethylphthalate	10.339	149	383081	43.114	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	186438	41.853	ng	98
62) 4-Nitroaniline	10.486	138	90481	45.151	ng	98
63) Azobenzene	10.622	77	324727	40.890	ng	97
65) 4,6-Dinitro-2-methylph...	10.522	198	60921	42.988	ng	99
66) n-Nitrosodiphenylamine	10.581	169	332341	40.929	ng	100
67) 4-Bromophenyl-phenylether	10.951	248	110475	41.431	ng	98
68) Hexachlorobenzene	11.022	284	120962	40.826	ng	98
69) Atrazine	11.104	200	95659	45.621	ng	99
70) Pentachlorophenol	11.216	266	58852	39.862	ng	98
71) Phenanthrene	11.433	178	517710	40.792	ng	99
72) Anthracene	11.486	178	532425	40.904	ng	99
73) Carbazole	11.639	167	469739	41.819	ng	99
74) Di-n-butylphthalate	11.963	149	532302	45.490	ng	100
75) Fluoranthene	12.622	202	503645	41.814	ng	100
77) Benzidine	12.745	184	213892	40.907	ng	99
78) Pyrene	12.857	202	500872	38.396	ng	99
80) Butylbenzylphthalate	13.469	149	172705	45.642	ng	97
81) Benzo(a)anthracene	14.045	228	386926	41.213	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	130270	42.779	ng	99
83) Chrysene	14.080	228	343961	41.058	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	245032	45.007	ng	99
85) Di-n-octyl phthalate	14.639	149	429047	41.794	ng	99
87) Indeno(1,2,3-cd)pyrene	17.063	276	444330	38.579	ng	98
88) Benzo(b)fluoranthene	15.110	252	369007	42.174	ng	99
89) Benzo(k)fluoranthene	15.139	252	345320	42.185	ng	99
90) Benzo(a)pyrene	15.486	252	353665	41.840	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	362287	38.714	ng	98
92) Benzo(g,h,i)perylene	17.521	276	357781	38.341	ng	98

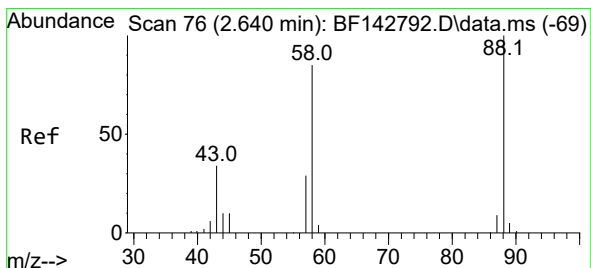
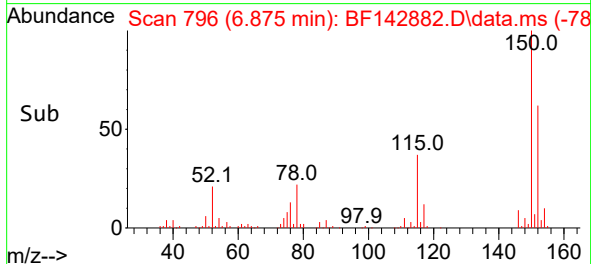
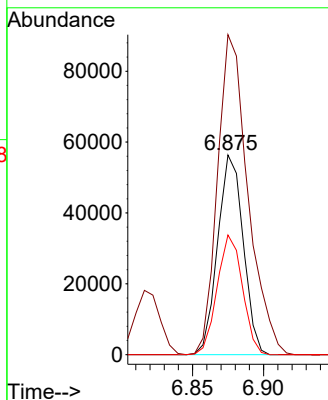
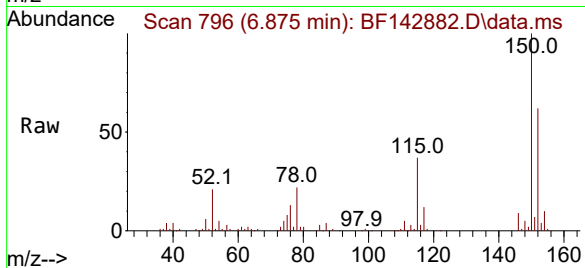
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

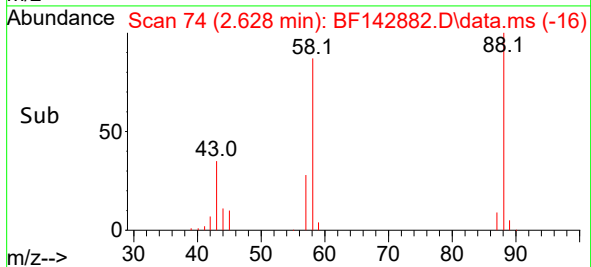
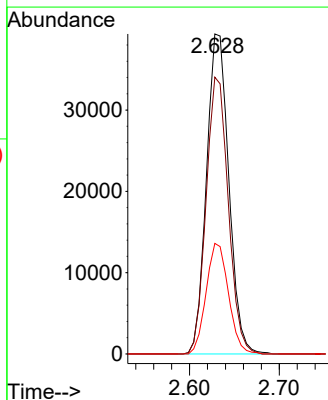
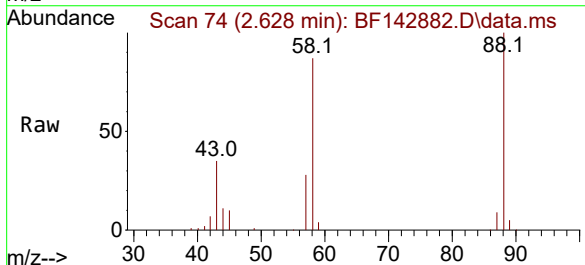
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:152 Resp: 70500
 Ion Ratio Lower Upper
 152 100
 150 160.2 127.2 190.8
 115 59.9 46.6 69.8



#2
 1,4-Dioxane
 Concen: 40.186 ng
 RT: 2.628 min Scan# 74
 Delta R.T. -0.012 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion: 88 Resp: 68061
 Ion Ratio Lower Upper
 88 100
 58 85.8 69.1 103.7
 43 34.6 27.4 41.2

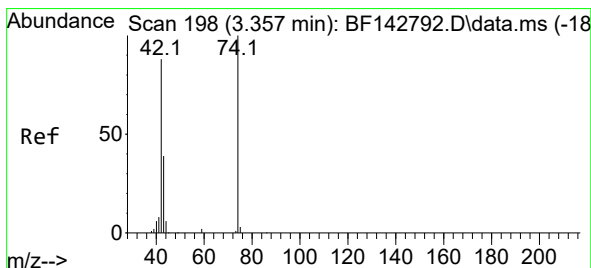
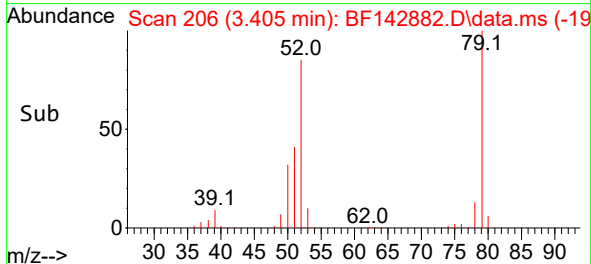
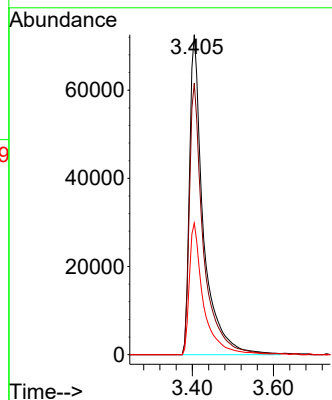
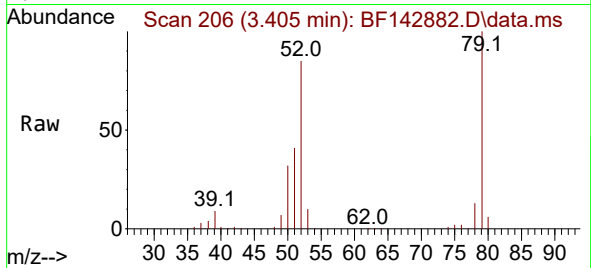




#3
Pyridine
Concen: 40.487 ng
RT: 3.405 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

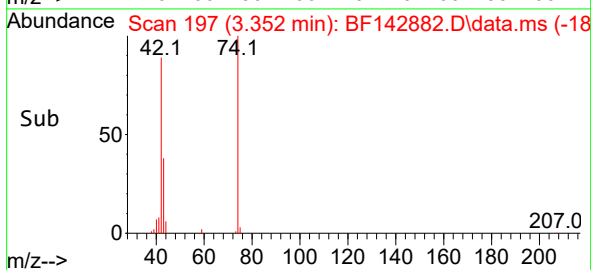
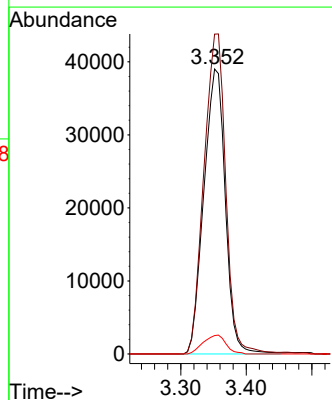
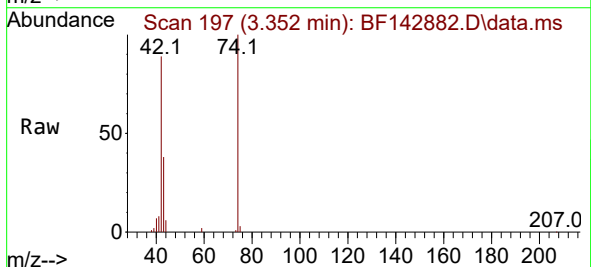
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 79 Resp: 171908
Ion Ratio Lower Upper
79 100
52 84.8 69.2 103.8
51 41.1 33.2 49.8



#4
n-Nitrosodimethylamine
Concen: 40.420 ng
RT: 3.352 min Scan# 197
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 42 Resp: 88749
Ion Ratio Lower Upper
42 100
74 112.3 90.9 136.3
44 6.5 5.8 8.6

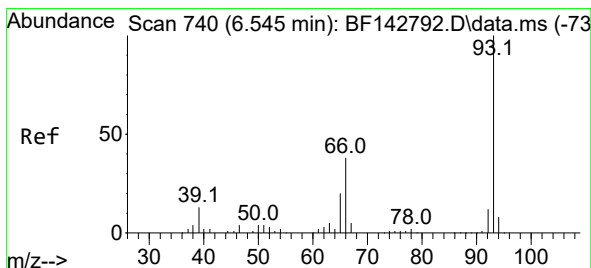
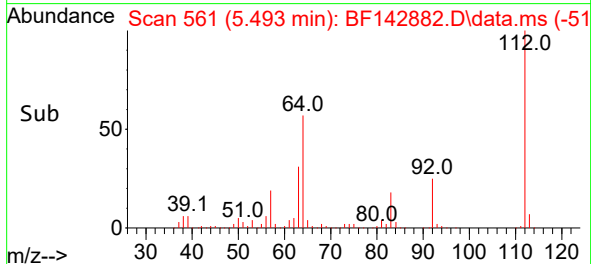
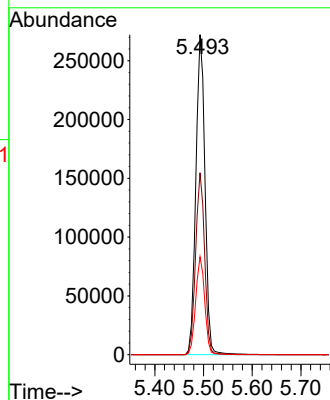
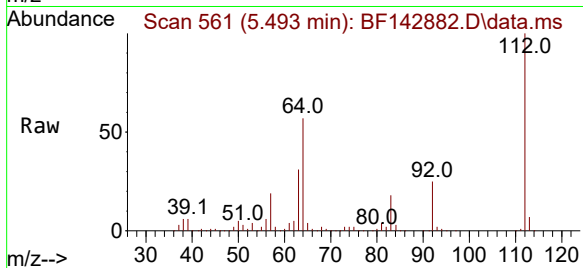




#5
2-Fluorophenol
Concen: 84.443 ng
RT: 5.493 min Scan# 501
Delta R.T. 0.001 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

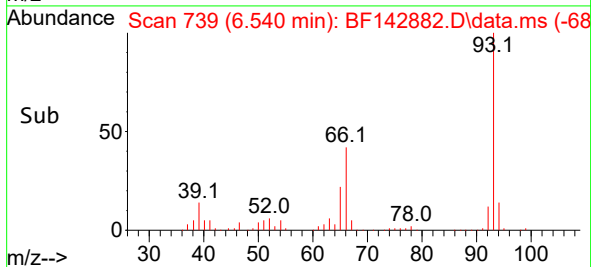
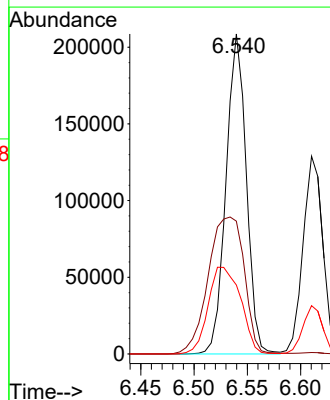
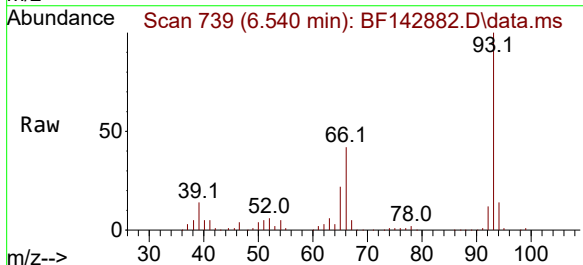
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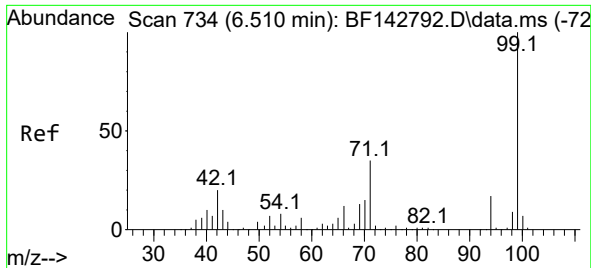
Tgt Ion:112 Resp: 357569
Ion Ratio Lower Upper
112 100
64 56.8 48.2 72.2
63 30.6 25.7 38.5



#6
Aniline
Concen: 41.552 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 93 Resp: 276214
Ion Ratio Lower Upper
93 100
66 41.5 31.8 47.6
65 21.6 16.2 24.2

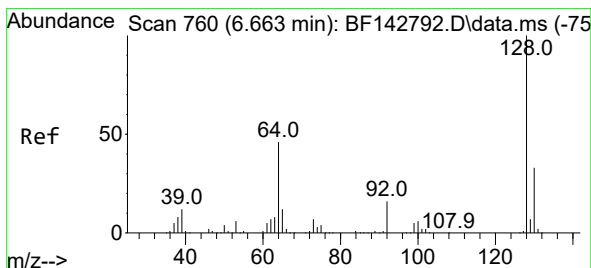
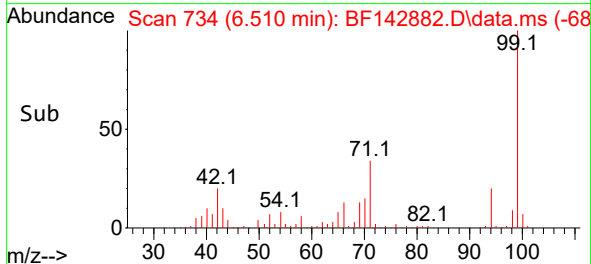
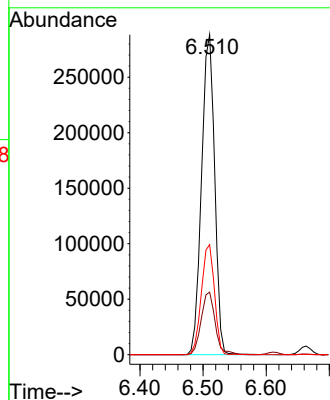
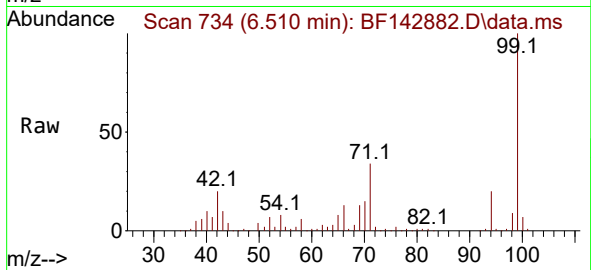




#7
Phenol-d6
Concen: 83.149 ng
RT: 6.510 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

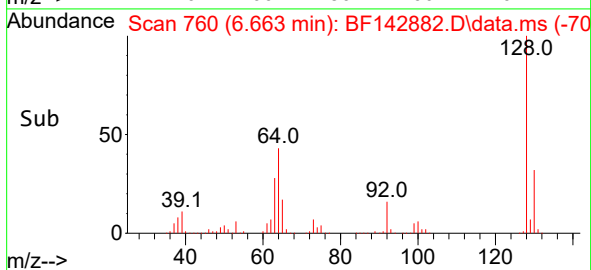
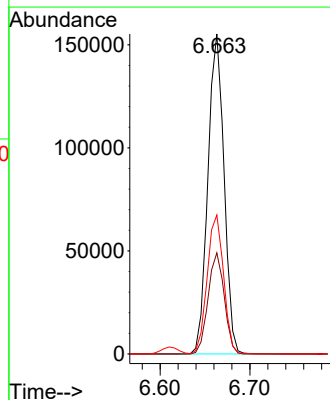
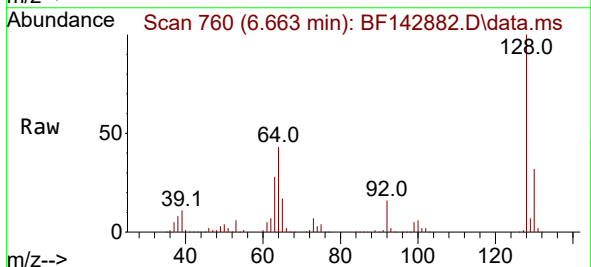
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ClientSampleId :
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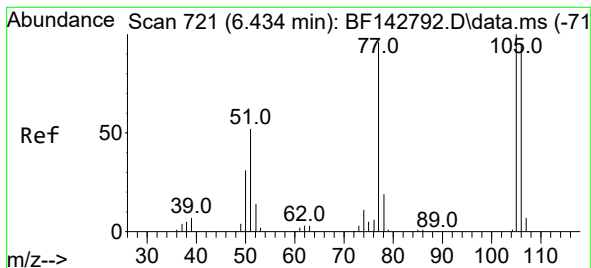
Tgt Ion: 99 Resp: 415394
Ion Ratio Lower Upper
99 100
42 19.5 15.9 23.9
71 34.4 27.8 41.8



#8
2-Chlorophenol
Concen: 42.392 ng
RT: 6.663 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 128 Resp: 193634
Ion Ratio Lower Upper
128 100
130 31.6 12.7 52.7
64 43.5 26.5 66.5





#9

Benzaldehyde

Concen: 35.722 ng

RT: 6.428 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

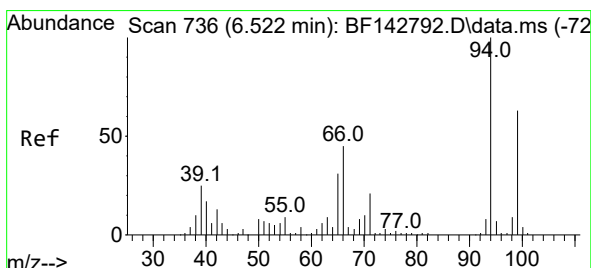
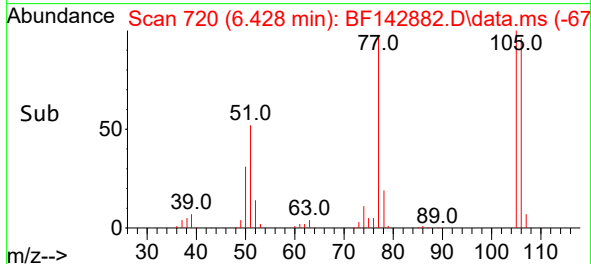
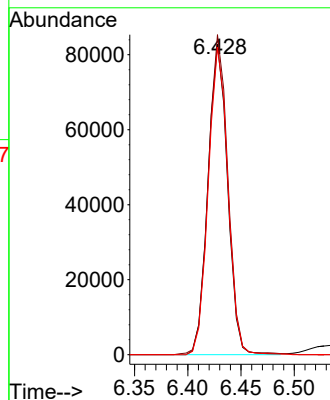
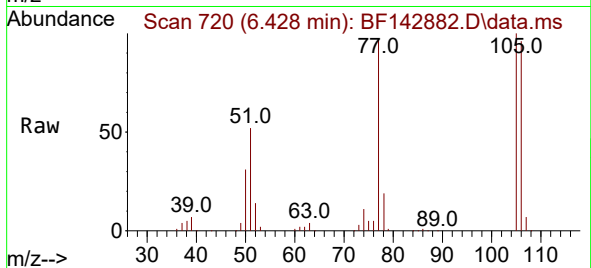
Tgt Ion: 77 Resp: 105877

Ion Ratio Lower Upper

77 100

105 103.1 83.8 123.8

106 99.2 78.7 118.7



#10

Phenol

Concen: 41.099 ng

RT: 6.522 min Scan# 736

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

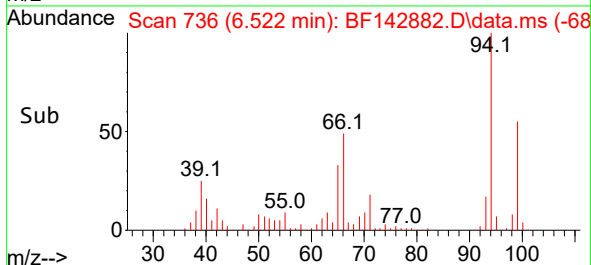
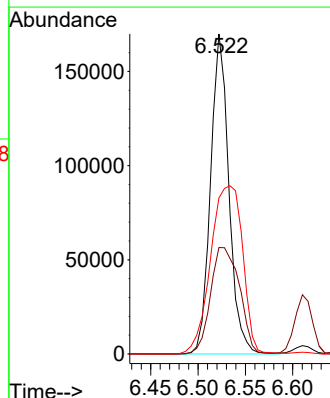
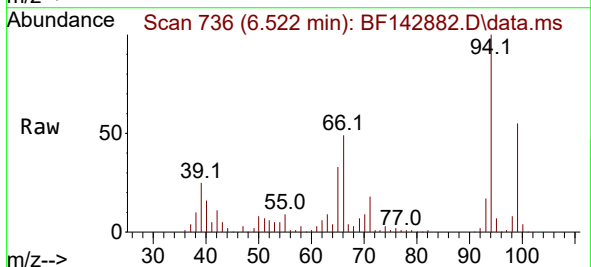
Tgt Ion: 94 Resp: 228233

Ion Ratio Lower Upper

94 100

65 33.3 11.3 51.3

66 48.8 24.9 64.9

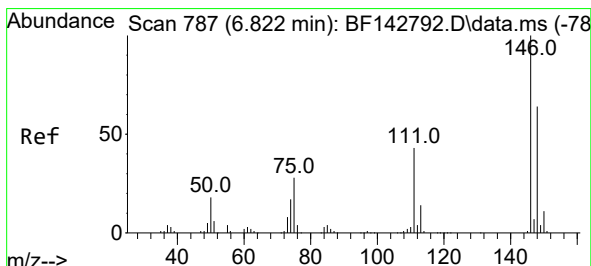
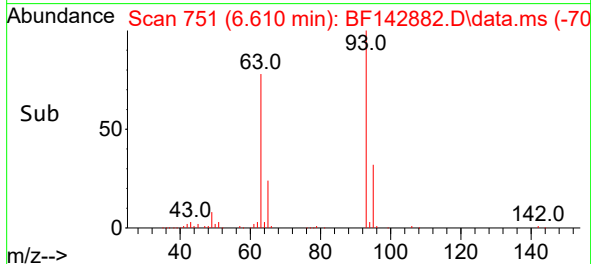
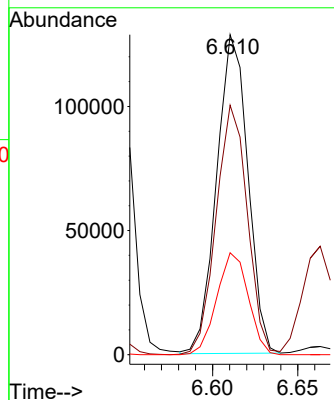
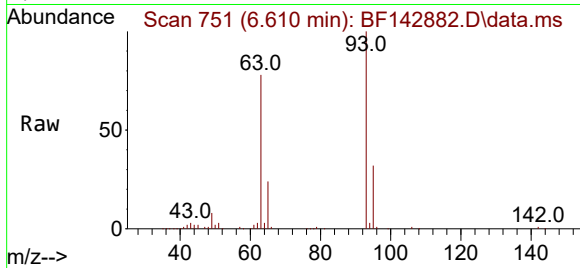




#11
bis(2-Chloroethyl)ether
Concen: 41.264 ng
RT: 6.610 min Scan# 751
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

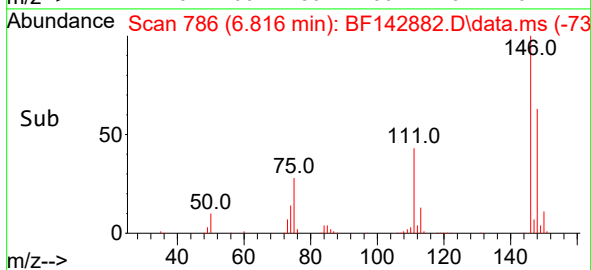
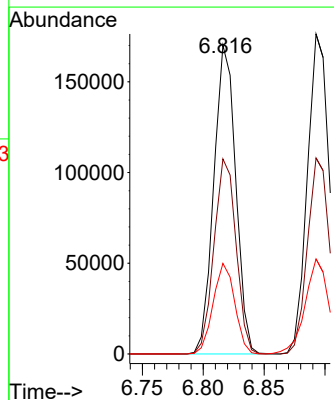
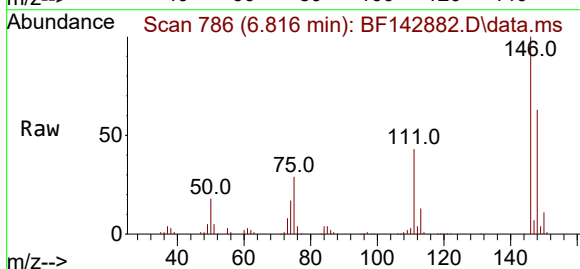
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 163774
Ion Ratio Lower Upper
93 100
63 78.0 60.3 100.3
95 31.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 41.714 ng
RT: 6.816 min Scan# 786
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:146 Resp: 213093
Ion Ratio Lower Upper
146 100
148 63.1 51.1 76.7
75 29.3 22.7 34.1





#13

1,4-Dichlorobenzene

Concen: 42.749 ng

RT: 6.893 min Scan# 79

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

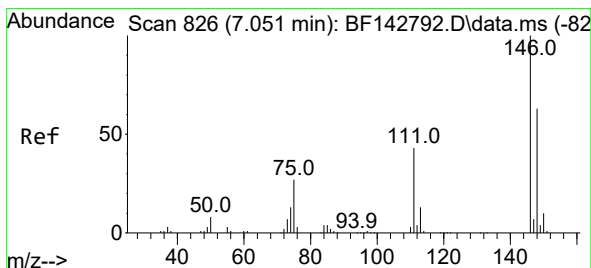
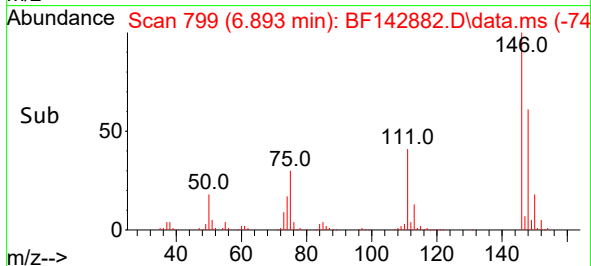
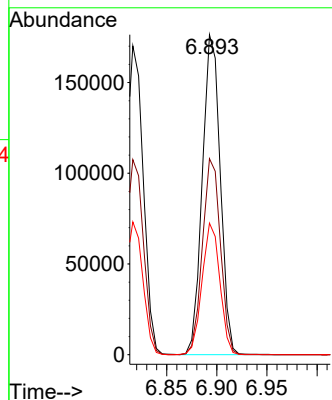
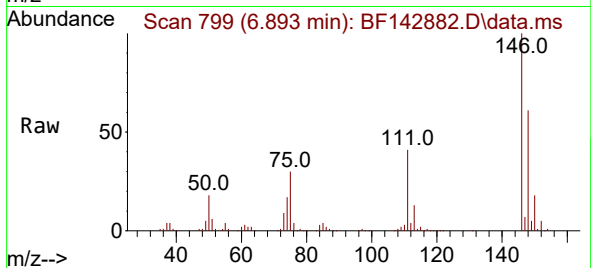
Tgt Ion:146 Resp: 220329

Ion Ratio Lower Upper

146 100

148 61.3 50.2 75.2

111 41.1 33.2 49.8



#14

1,2-Dichlorobenzene

Concen: 42.033 ng

RT: 7.045 min Scan# 825

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

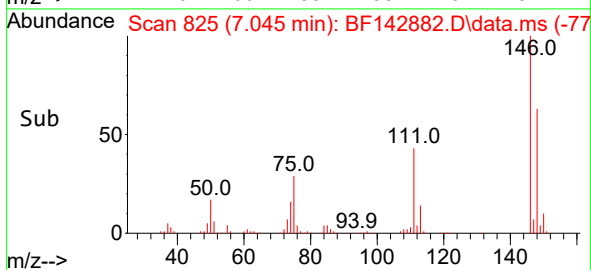
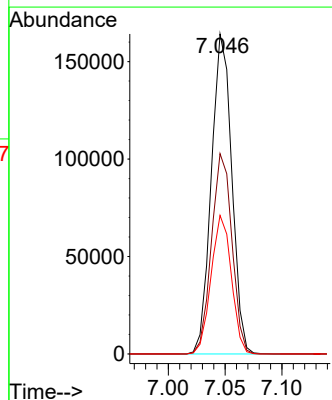
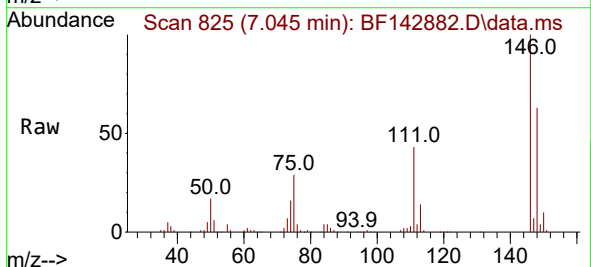
Tgt Ion:146 Resp: 205480

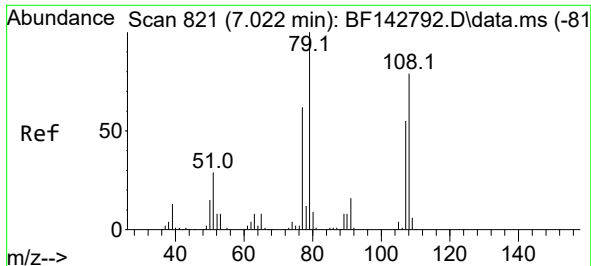
Ion Ratio Lower Upper

146 100

148 62.6 50.4 75.6

111 43.3 34.1 51.1

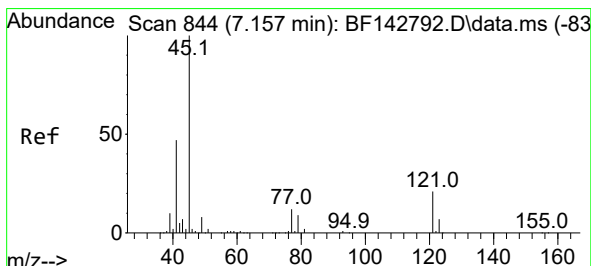
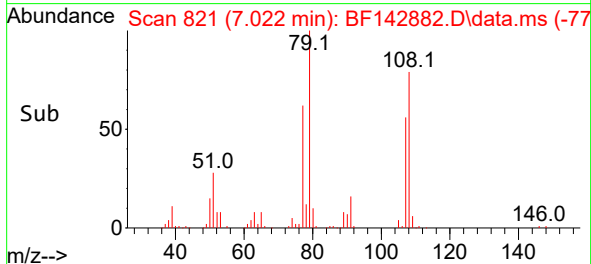
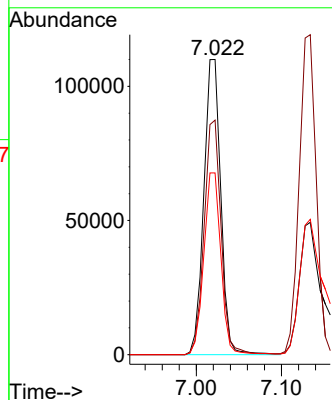
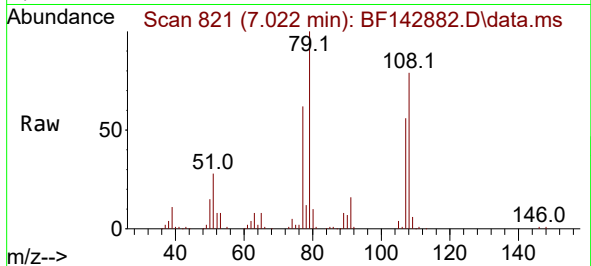




#15
Benzyl Alcohol
Concen: 42.208 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

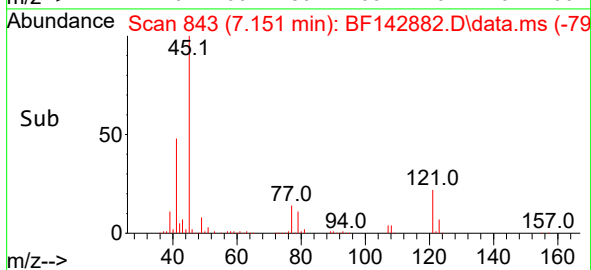
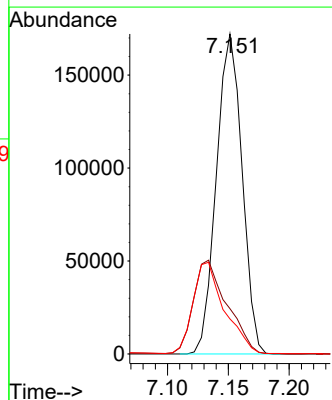
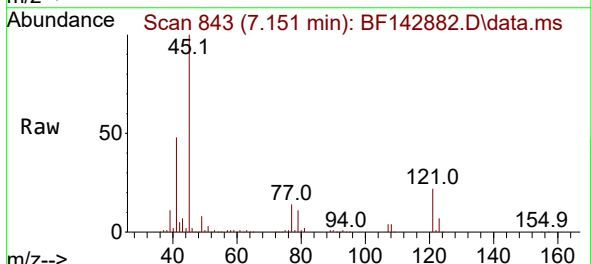
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

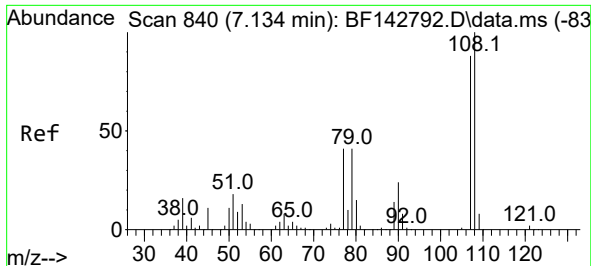
Tgt Ion: 79 Resp: 152439
Ion Ratio Lower Upper
79 100
108 79.5 63.4 95.0
77 61.6 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.605 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 45 Resp: 252551
Ion Ratio Lower Upper
45 100
77 14.2 0.0 32.8
79 10.9 0.0 29.8

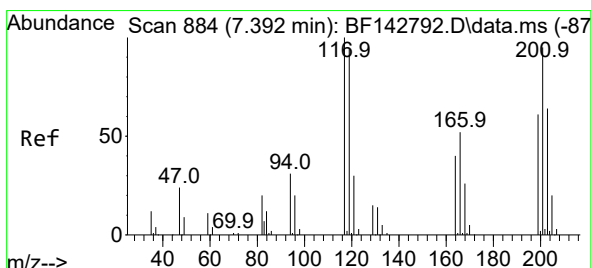
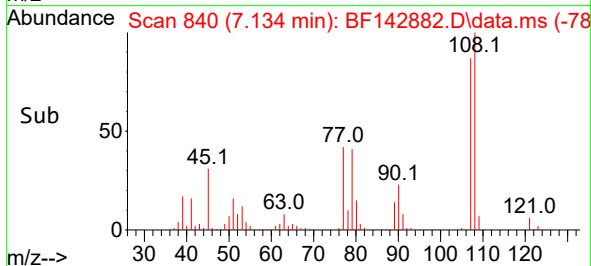
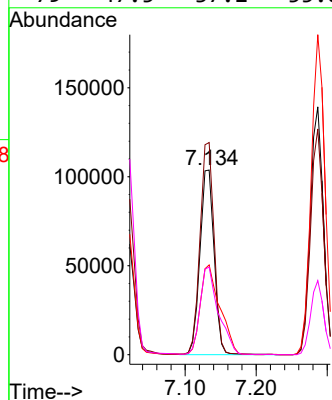
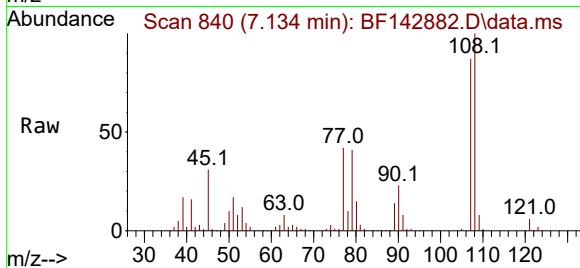




#17
2-Methylphenol
Concen: 41.790 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

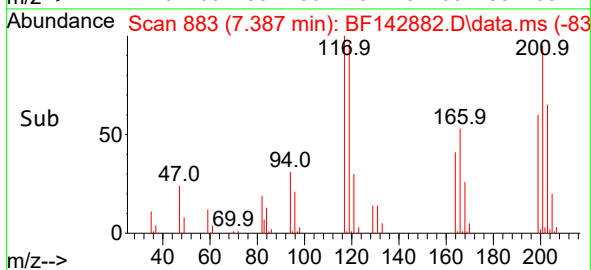
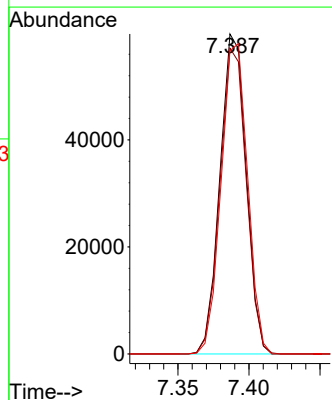
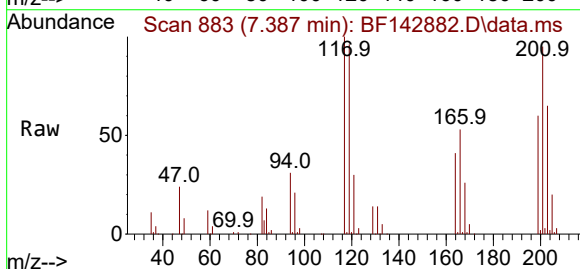
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	107	Resp:	144657
Ion	Ratio	Lower	Upper
107	100		
108	114.9	90.9	136.3
77	48.6	37.3	55.9
79	47.5	37.2	55.8



#18
Hexachloroethane
Concen: 42.629 ng
RT: 7.387 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:	117	Resp:	76850
Ion	Ratio	Lower	Upper
117	100		
119	95.5	75.4	113.0
201	94.7	75.9	113.9



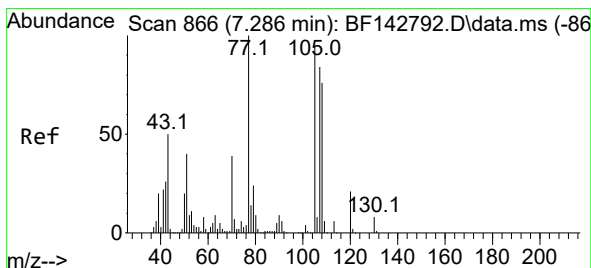
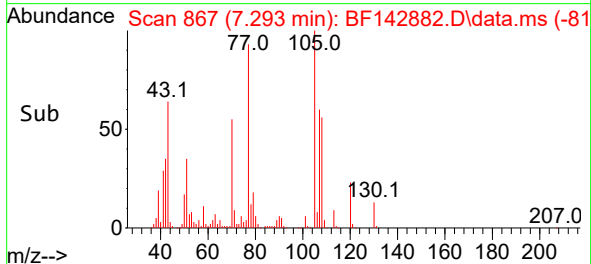
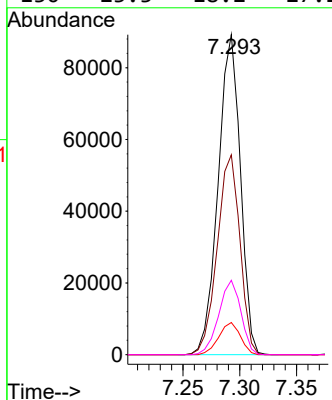
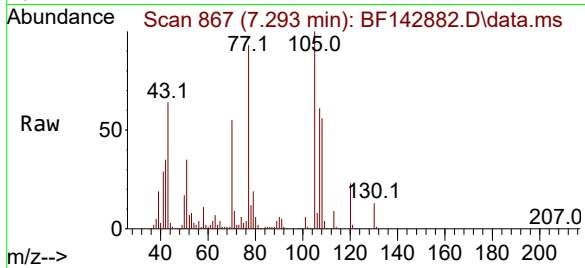


#19
n-Nitroso-di-n-propylamine
Concen: 41.849 ng
RT: 7.293 min Scan# 867
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 70 Resp: 121595

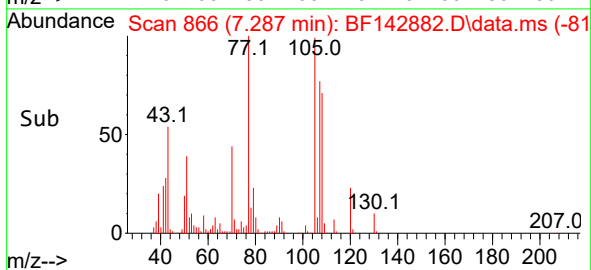
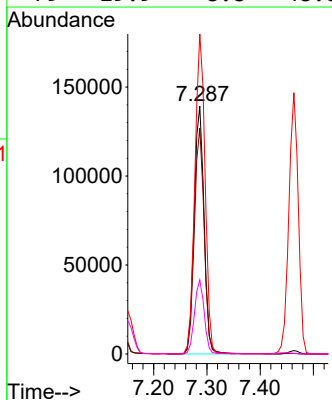
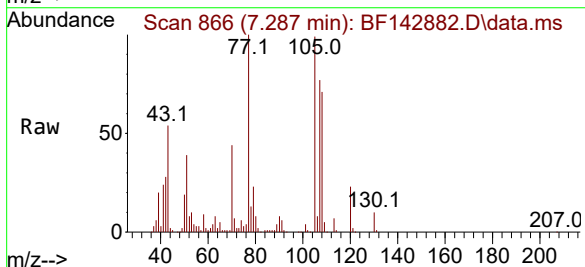
Ion	Ratio	Lower	Upper
70	100		
42	62.4	52.1	78.1
101	10.0	8.2	12.2
130	23.3	18.2	27.2



#20
3+4-Methylphenols
Concen: 41.797 ng
RT: 7.287 min Scan# 866
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion: 107 Resp: 180389

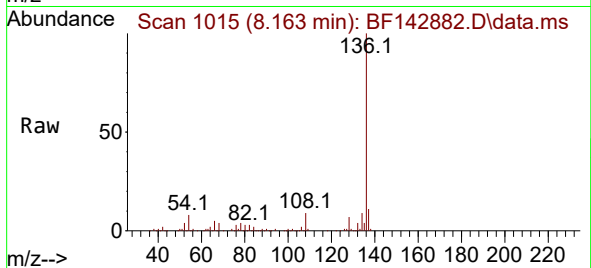
Ion	Ratio	Lower	Upper
107	100		
108	91.0	70.0	110.0
77	129.1	98.5	138.5
79	29.9	8.8	48.8





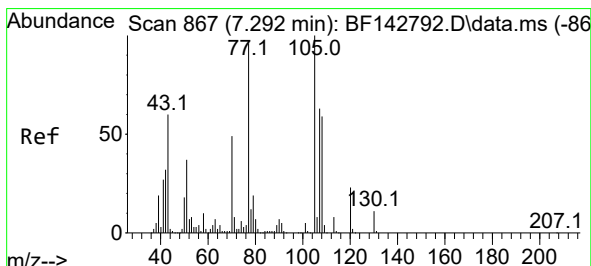
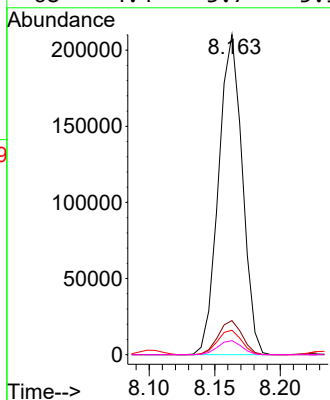
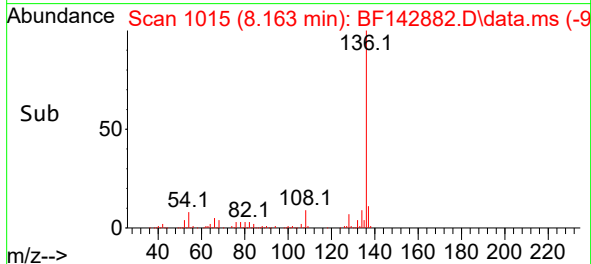
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

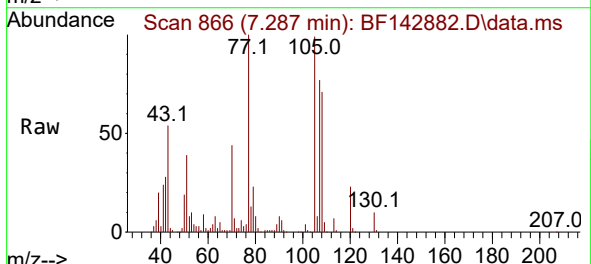


Tgt Ion:136 Resp: 264550

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.7	6.3	9.5
68	4.4	3.7	5.5

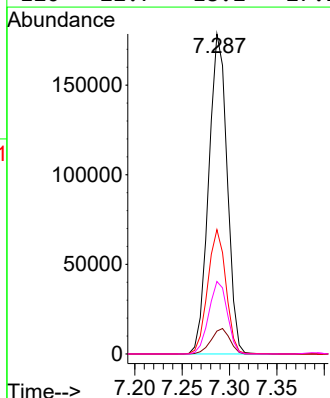
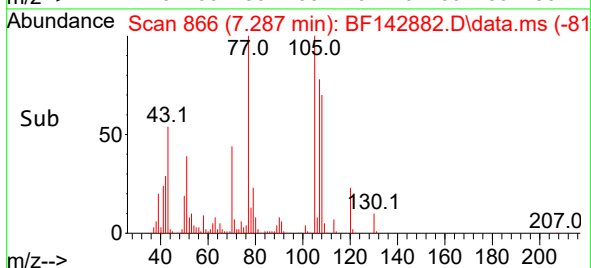


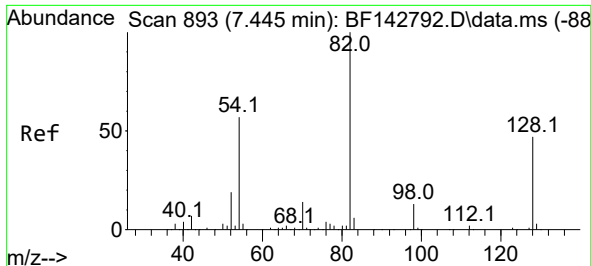
#22
Acetophenone
Concen: 41.515 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51



Tgt Ion:105 Resp: 242192

Ion	Ratio	Lower	Upper
105	100		
71	7.1	6.5	9.7
51	38.9	29.8	44.8
120	22.7	18.2	27.2





#23

Nitrobenzene-d5

Concen: 99.057 ng

RT: 7.445 min Scan# 893

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

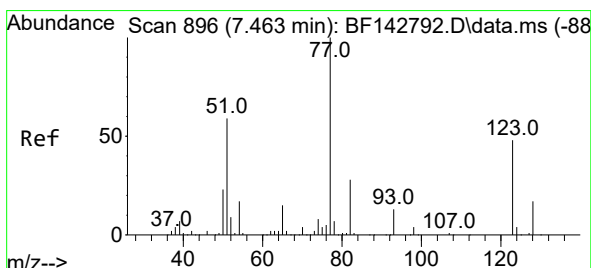
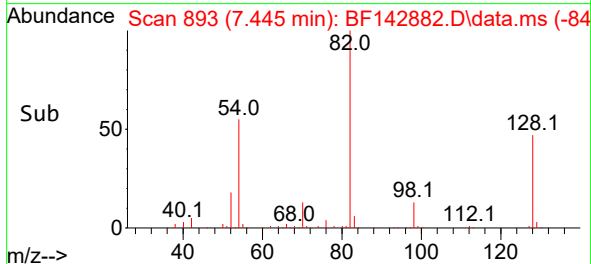
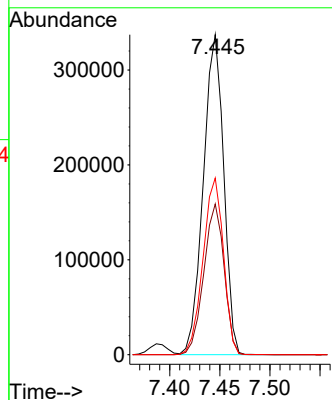
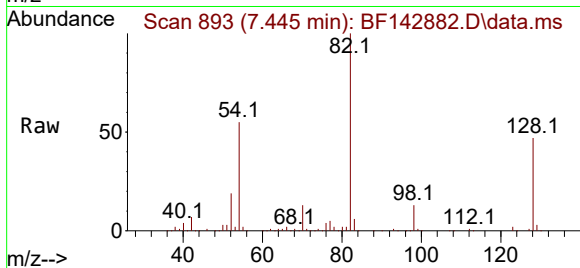
Tgt Ion: 82 Resp: 477762

Ion Ratio Lower Upper

82 100

128 47.1 37.7 56.5

54 55.2 45.7 68.5



#24

Nitrobenzene

Concen: 41.412 ng

RT: 7.463 min Scan# 896

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

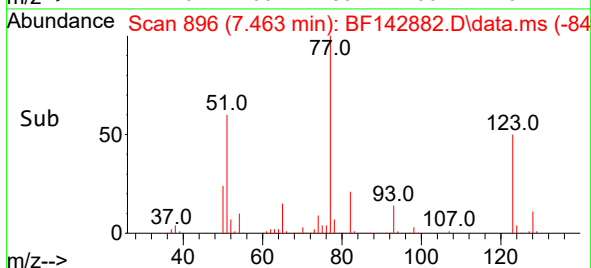
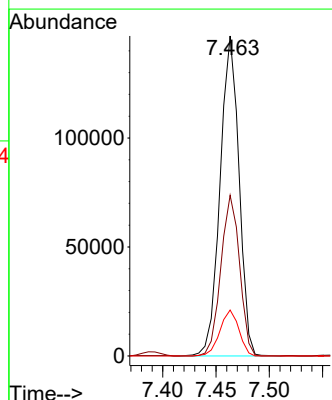
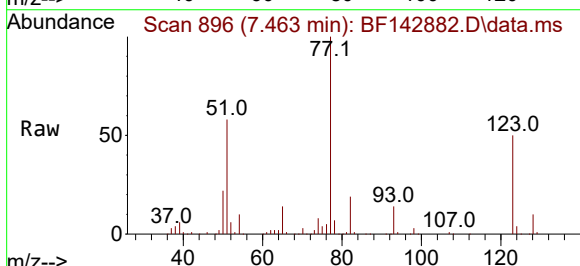
Tgt Ion: 77 Resp: 180776

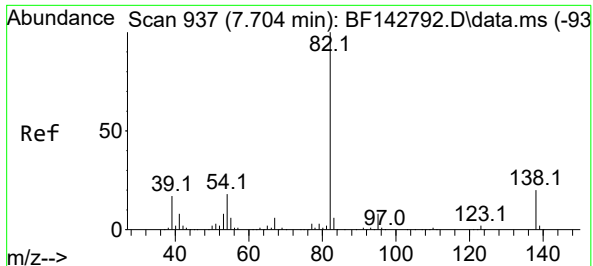
Ion Ratio Lower Upper

77 100

123 50.2 39.2 58.8

65 14.3 11.6 17.4

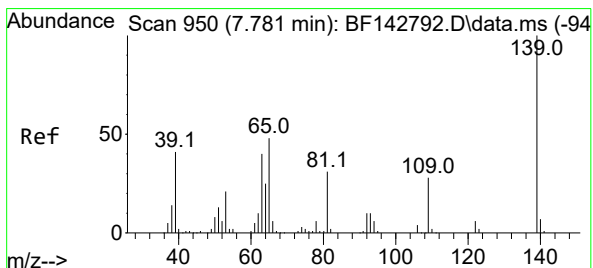
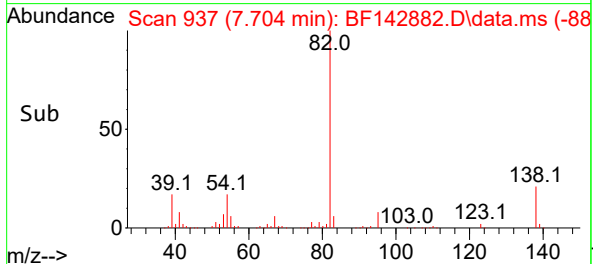
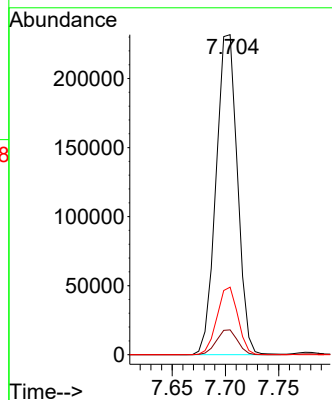
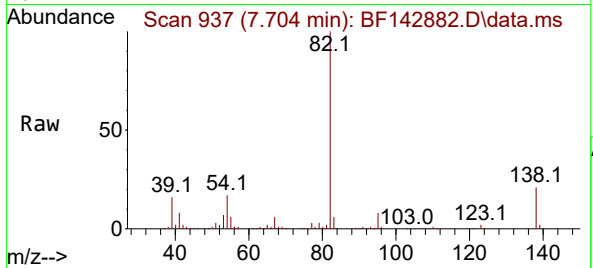




#25
Isophorone
Concen: 41.696 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

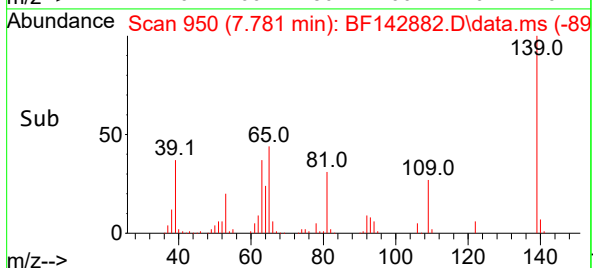
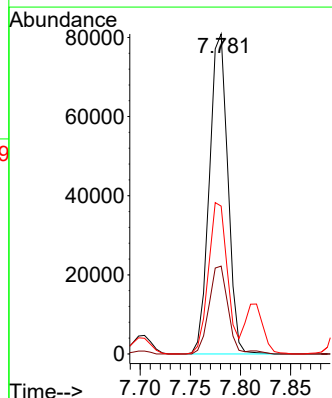
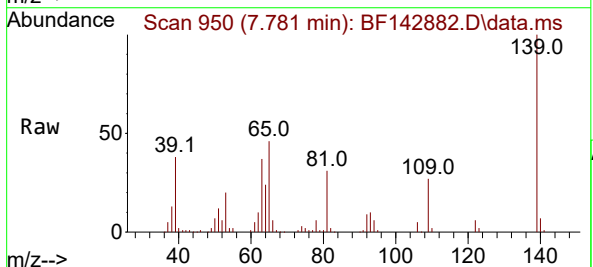
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

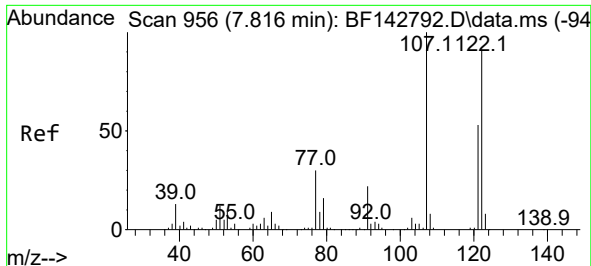
Tgt Ion: 82 Resp: 322599
Ion Ratio Lower Upper
82 100
95 7.7 6.2 9.2
138 21.1 16.2 24.4



#26
2-Nitrophenol
Concen: 43.570 ng
RT: 7.781 min Scan# 950
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:139 Resp: 103609
Ion Ratio Lower Upper
139 100
109 27.4 22.7 34.1
65 46.2 38.6 58.0





#27

2,4-Dimethylphenol

Concen: 42.301 ng

RT: 7.816 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

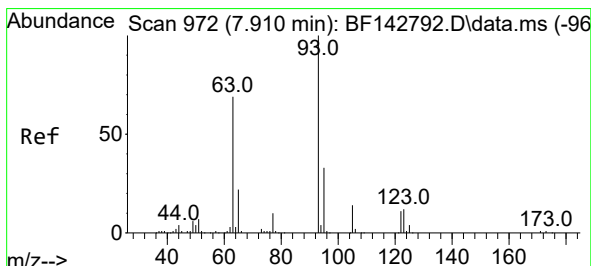
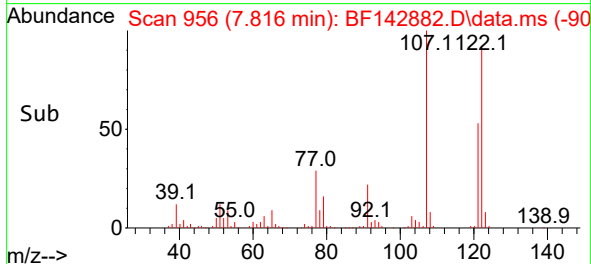
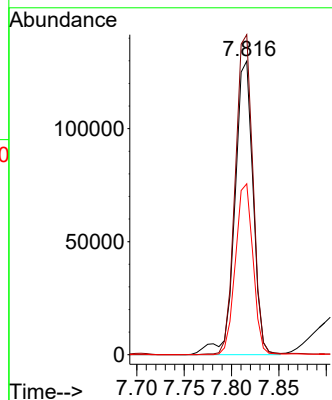
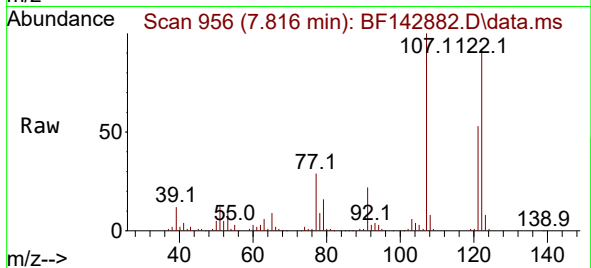
Tgt Ion:122 Resp: 174240

Ion Ratio Lower Upper

122 100

107 109.0 88.0 132.0

121 58.2 46.3 69.5



#28

bis(2-Chloroethoxy)methane

Concen: 41.746 ng

RT: 7.910 min Scan# 972

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

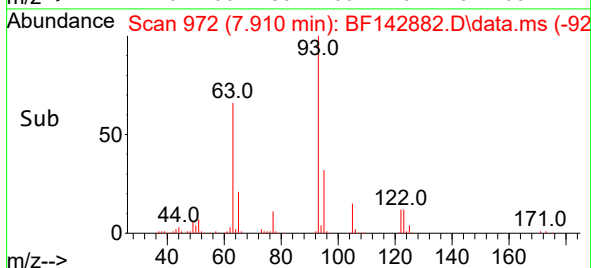
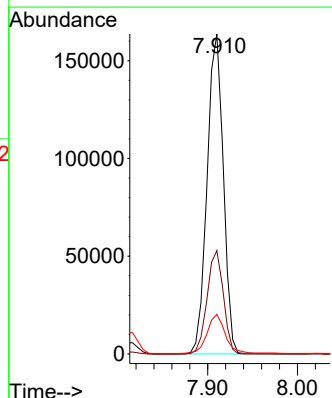
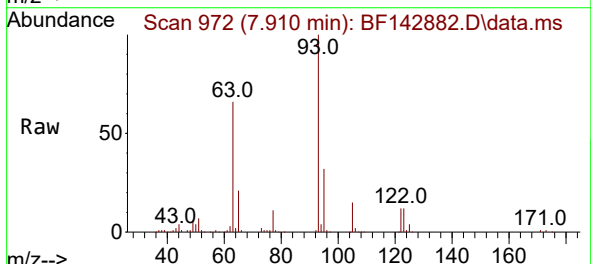
Tgt Ion: 93 Resp: 205343

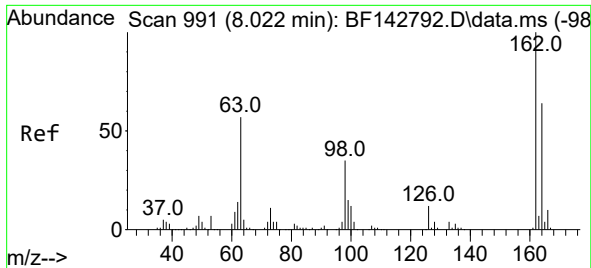
Ion Ratio Lower Upper

93 100

95 32.3 26.2 39.2

123 12.4 9.9 14.9





#29

2,4-Dichlorophenol

Concen: 41.895 ng

RT: 8.022 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

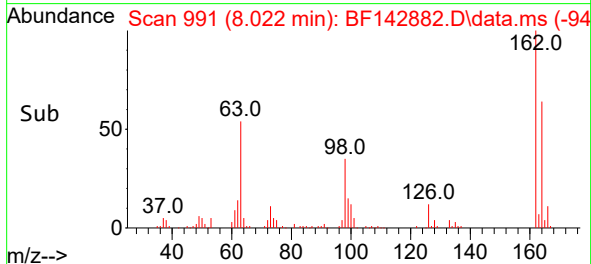
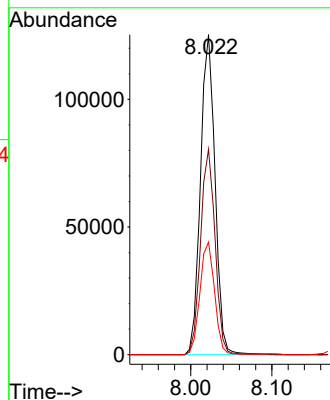
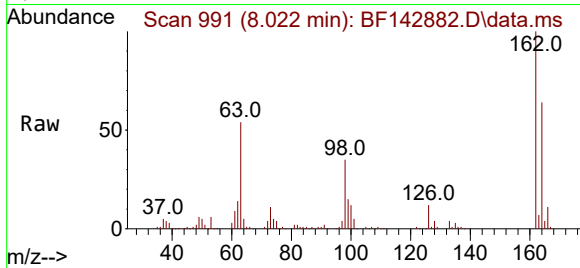
Tgt Ion:162 Resp: 156473

Ion Ratio Lower Upper

162 100

164 64.2 44.0 84.0

98 35.2 15.4 55.4



#30

1,2,4-Trichlorobenzene

Concen: 41.519 ng

RT: 8.104 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF142882.D

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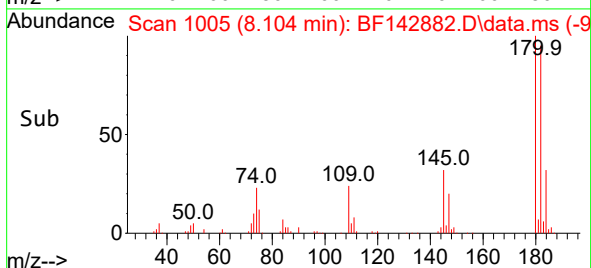
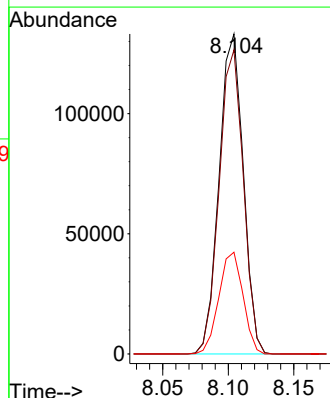
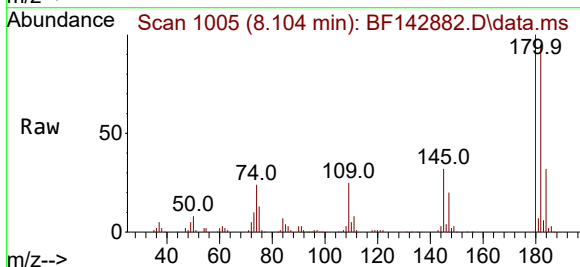
Tgt Ion:180 Resp: 170514

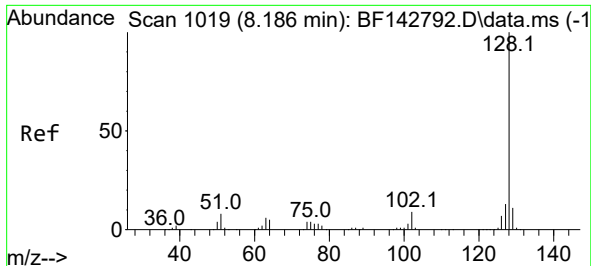
Ion Ratio Lower Upper

180 100

182 95.0 76.4 114.6

145 31.8 25.8 38.8

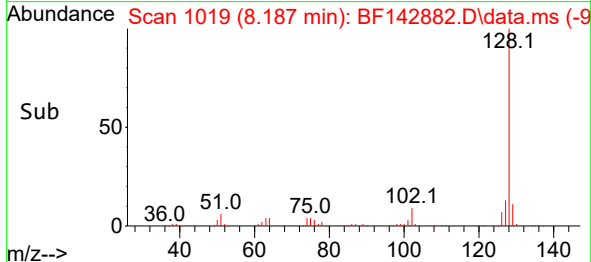
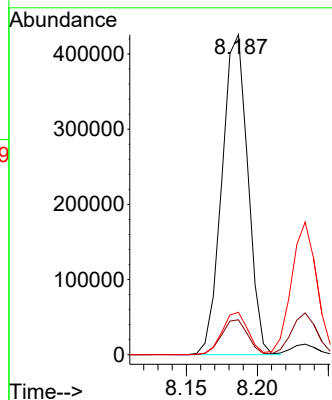
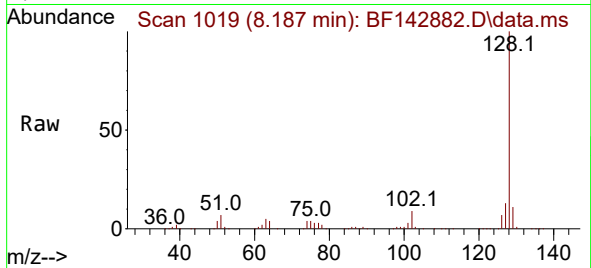




#31
Naphthalene
Concen: 41.731 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

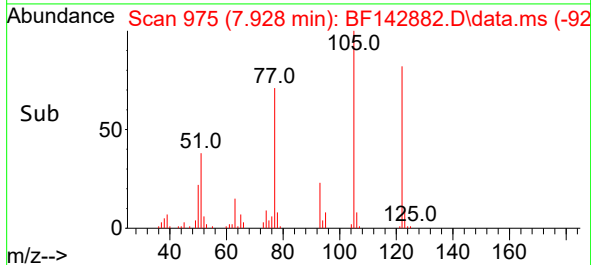
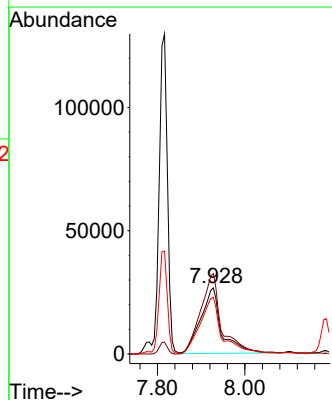
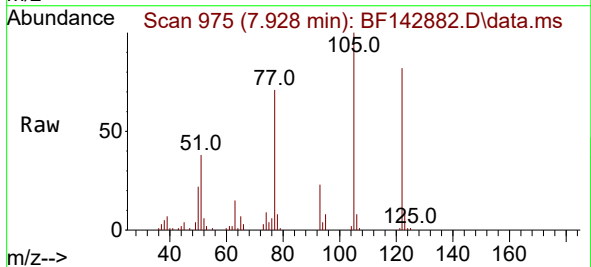
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

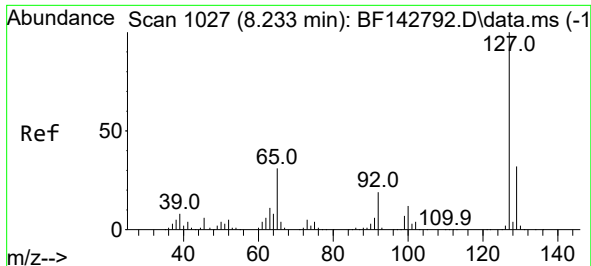
Tgt Ion:128 Resp: 540387
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.4 15.6



#32
Benzoic acid
Concen: 42.249 ng
RT: 7.928 min Scan# 975
Delta R.T. 0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:122 Resp: 88699
Ion Ratio Lower Upper
122 100
105 121.4 104.7 144.7
77 85.7 70.2 110.2

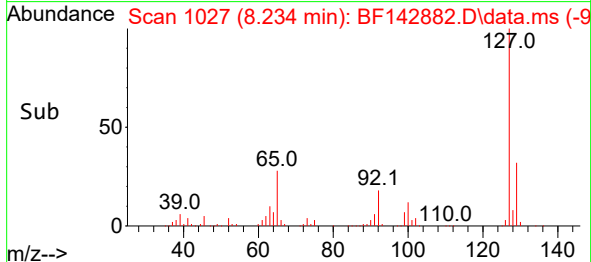
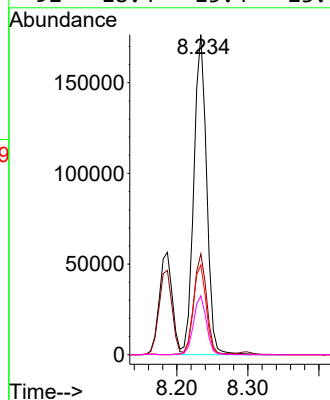
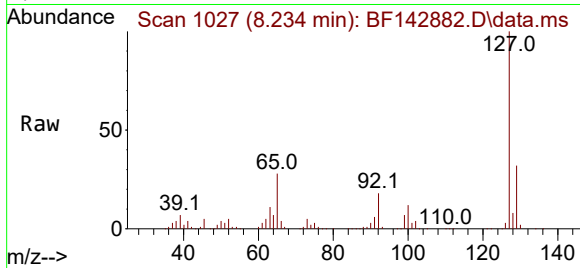




#33
4-Chloroaniline
Concen: 42.142 ng
RT: 8.234 min Scan# 1027
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

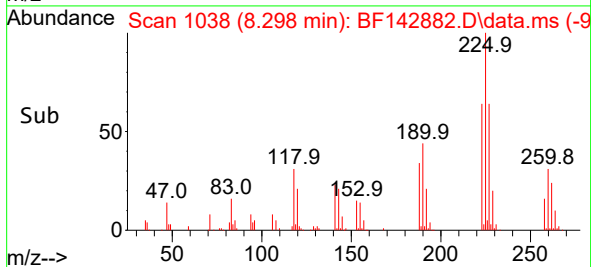
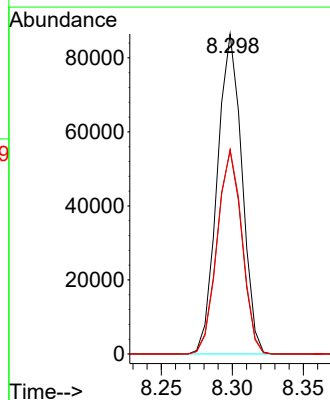
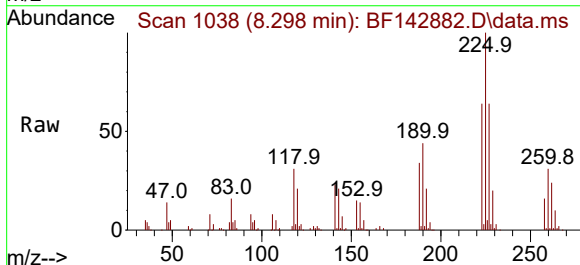
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

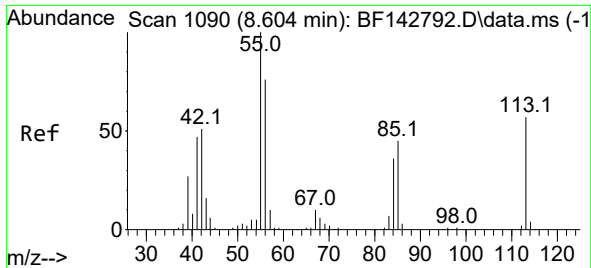
Tgt Ion:	127	Resp:	221895
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.9	38.9
65	28.1	24.6	36.8
92	18.4	15.4	23.0



#34
Hexachlorobutadiene
Concen: 41.536 ng
RT: 8.298 min Scan# 1038
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:	225	Resp:	104342
Ion	Ratio	Lower	Upper
225	100		
223	63.5	49.9	74.9
227	63.9	51.4	77.0

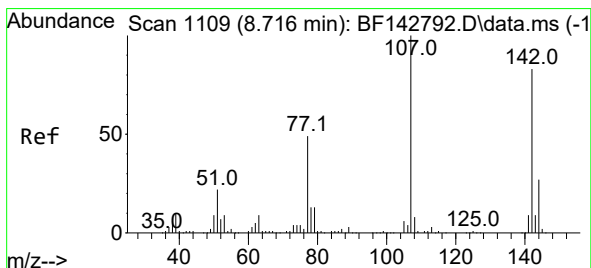
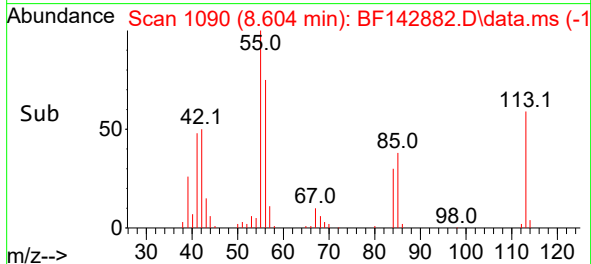
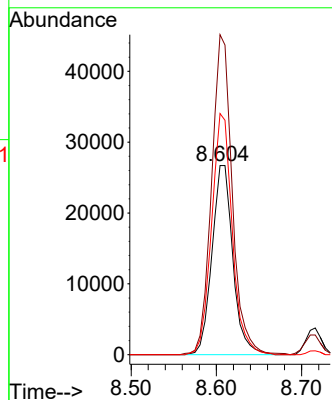
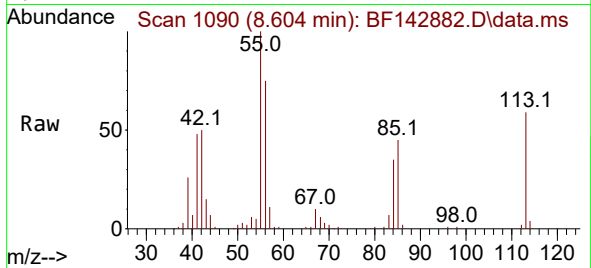




#35
 Caprolactam
 Concen: 46.097 ng
 RT: 8.604 min Scan# 1090
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

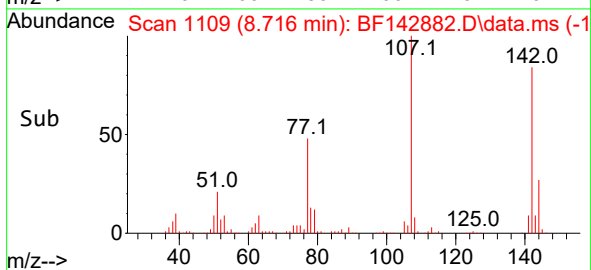
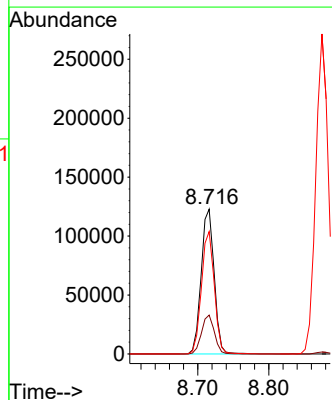
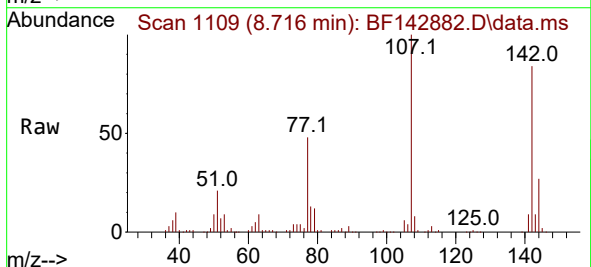
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

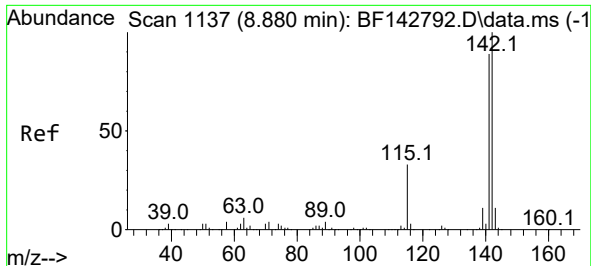
Tgt Ion:113 Resp: 45431
 Ion Ratio Lower Upper
 113 100
 55 169.2 154.4 194.4
 56 127.4 112.1 152.1



#36
 4-Chloro-3-methylphenol
 Concen: 42.314 ng
 RT: 8.716 min Scan# 1109
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion:107 Resp: 157062
 Ion Ratio Lower Upper
 107 100
 144 26.9 21.3 31.9
 142 84.5 66.6 100.0

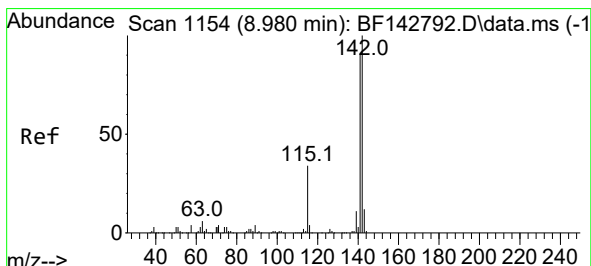
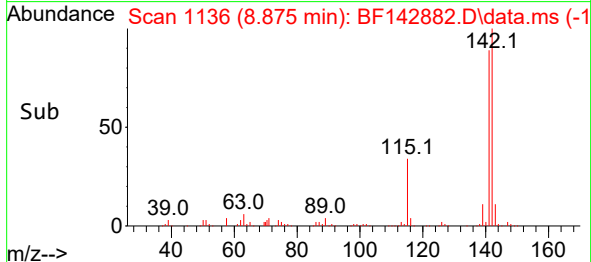
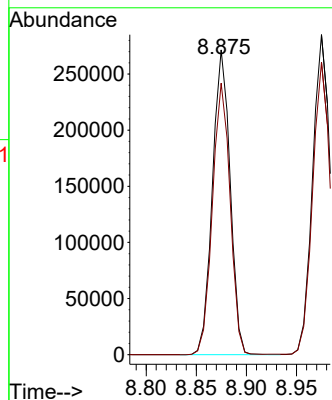
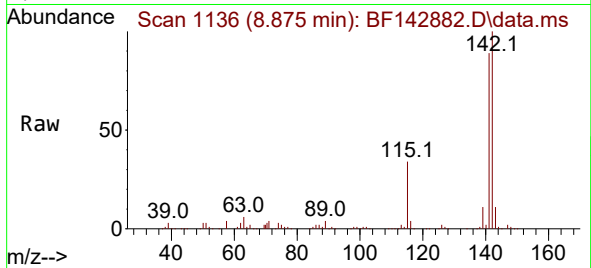




#37
2-Methylnaphthalene
Concen: 41.521 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

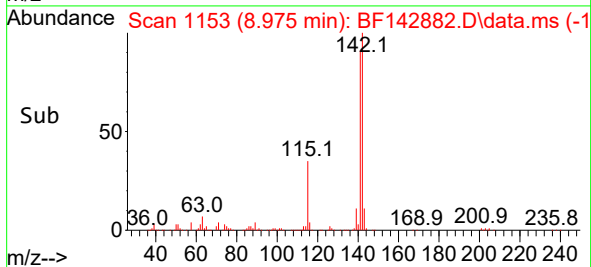
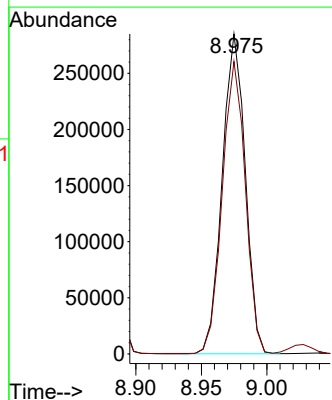
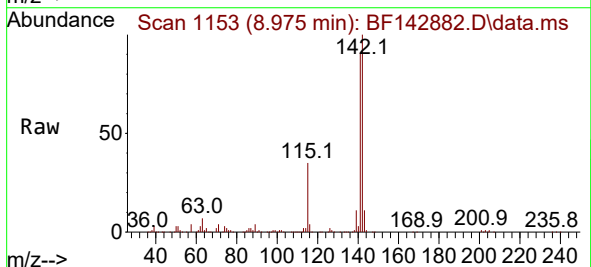
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:142 Resp: 333334
Ion Ratio Lower Upper
142 100
141 89.1 70.9 106.3



#38
1-Methylnaphthalene
Concen: 41.811 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:142 Resp: 347469
Ion Ratio Lower Upper
142 100
141 91.4 73.0 109.4

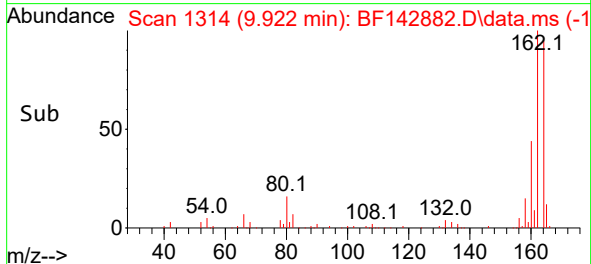
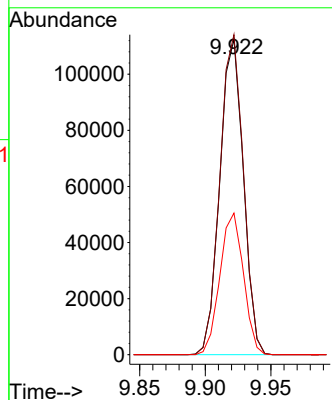
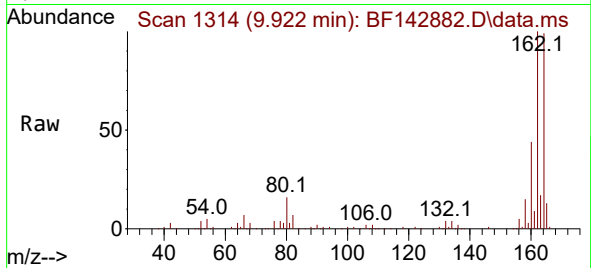




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

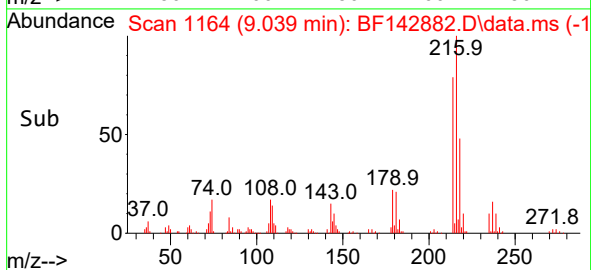
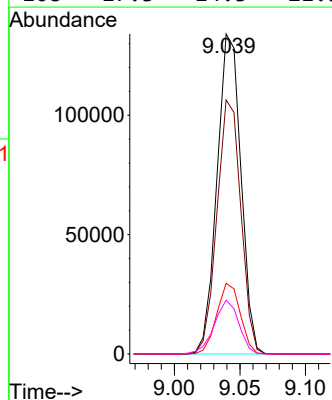
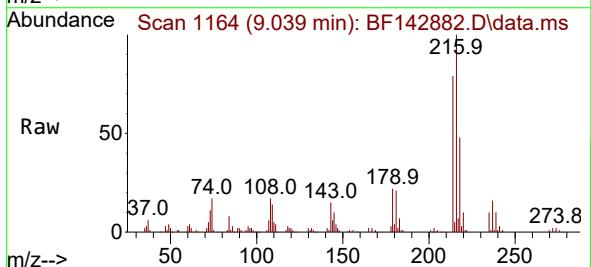
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

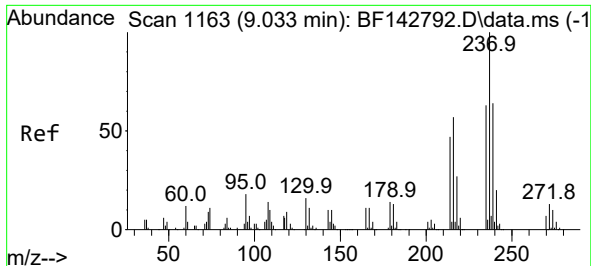
Tgt Ion:164 Resp: 140000
Ion Ratio Lower Upper
164 100
162 101.5 81.8 122.8
160 44.9 36.0 54.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 41.104 ng
RT: 9.039 min Scan# 1164
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:216 Resp: 169797
Ion Ratio Lower Upper
216 100
214 79.2 63.7 95.5
179 21.8 17.6 26.4
108 17.3 14.3 21.5

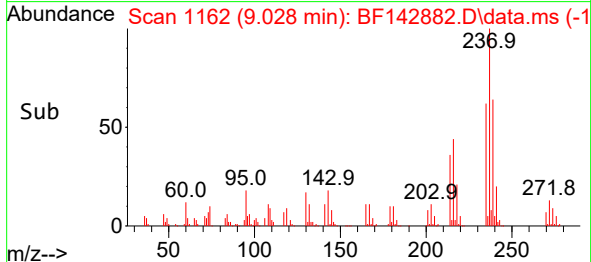
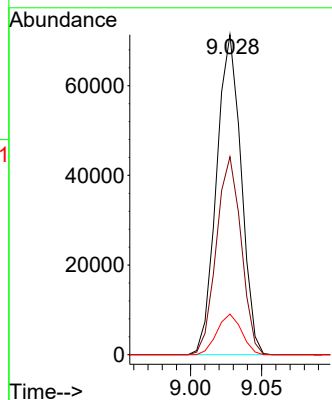
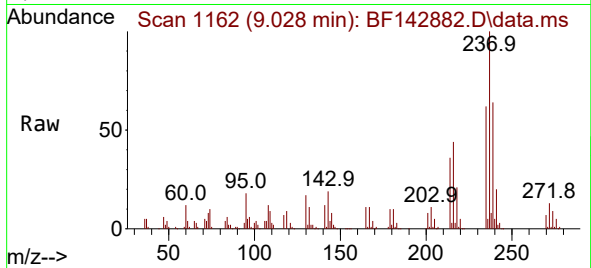




#41
Hexachlorocyclopentadiene
Concen: 36.646 ng
RT: 9.028 min Scan# 1162
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

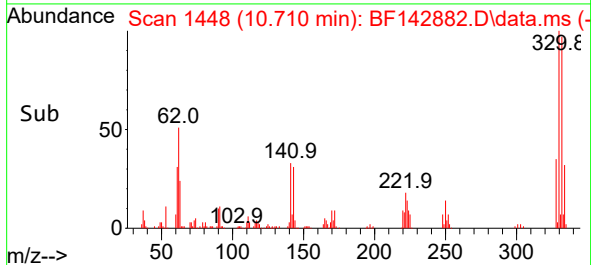
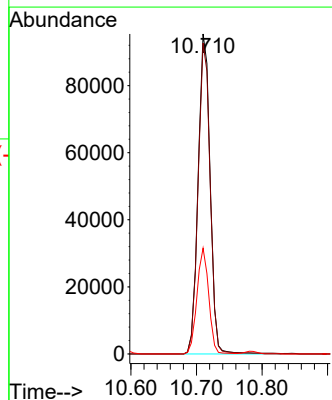
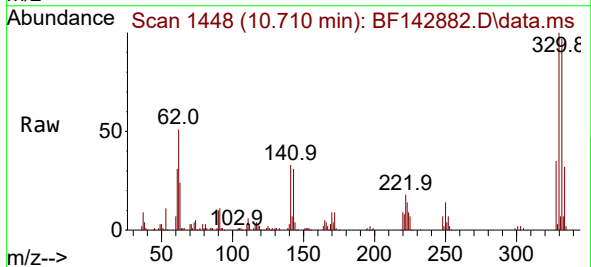
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

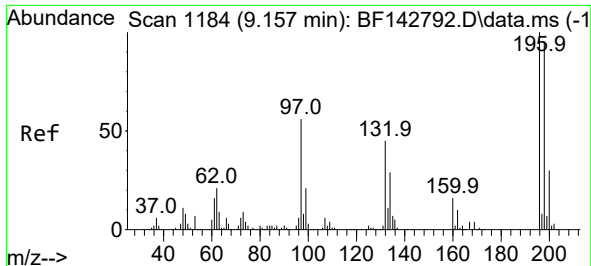
Tgt Ion:237 Resp: 85906
Ion Ratio Lower Upper
237 100
235 61.8 43.4 83.4
272 12.7 0.0 32.7



#42
2,4,6-Tribromophenol
Concen: 84.497 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:330 Resp: 121734
Ion Ratio Lower Upper
330 100
332 97.4 75.0 112.6
141 32.2 25.3 37.9

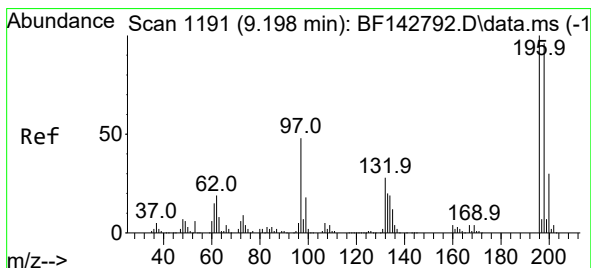
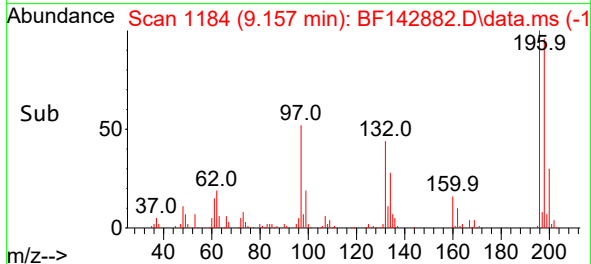
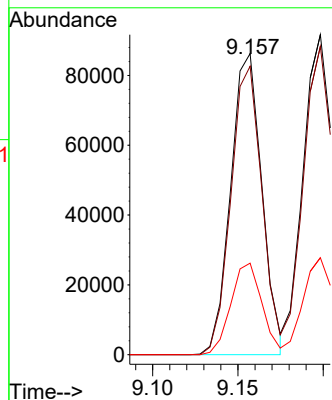
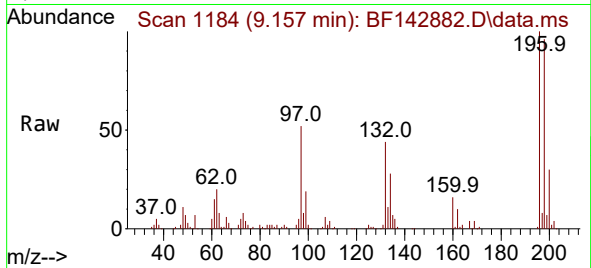




#43
2,4,6-Trichlorophenol
Concen: 40.872 ng
RT: 9.157 min Scan# 1184
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

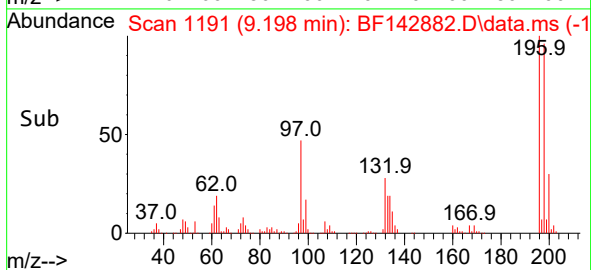
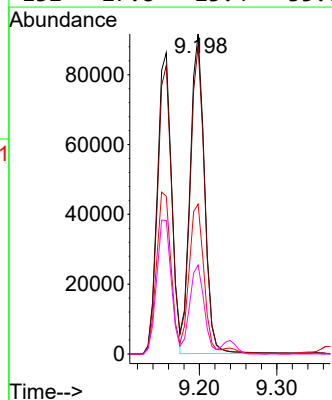
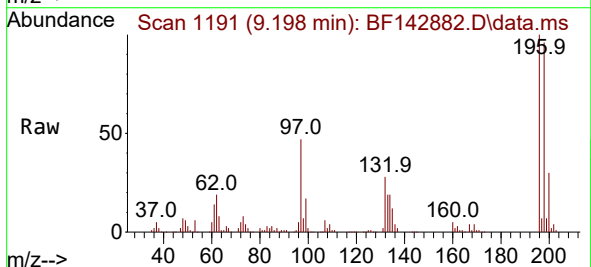
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

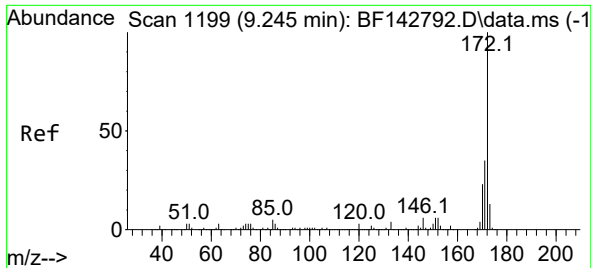
Tgt Ion:196 Resp: 110019
Ion Ratio Lower Upper
196 100
198 95.8 76.2 114.2
200 30.4 24.1 36.1



#44
2,4,5-Trichlorophenol
Concen: 41.435 ng
RT: 9.198 min Scan# 1191
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:196 Resp: 117411
Ion Ratio Lower Upper
196 100
198 96.3 76.6 115.0
97 46.9 38.2 57.2
132 27.8 23.4 35.0

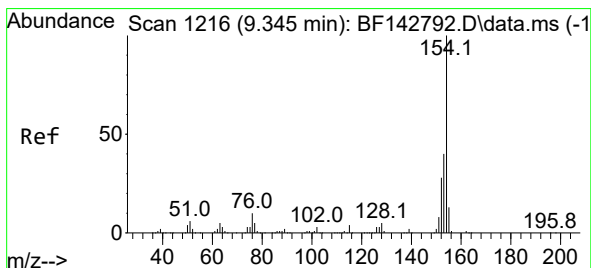
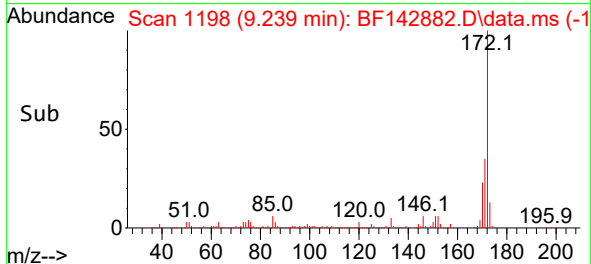
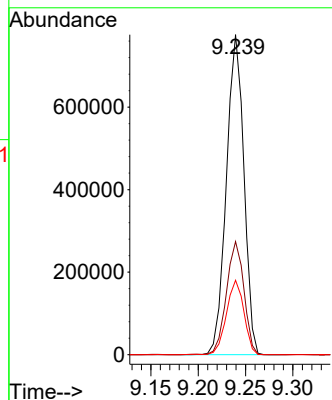
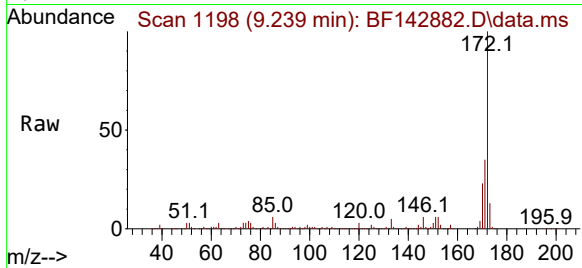




#45
2-Fluorobiphenyl
Concen: 93.716 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

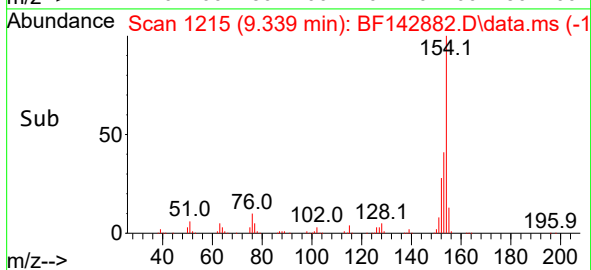
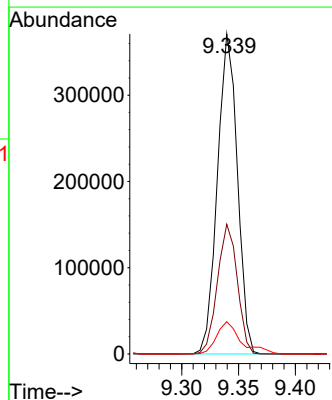
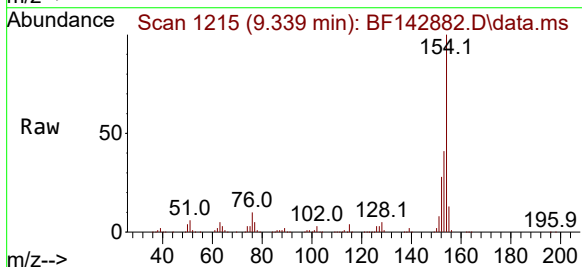
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

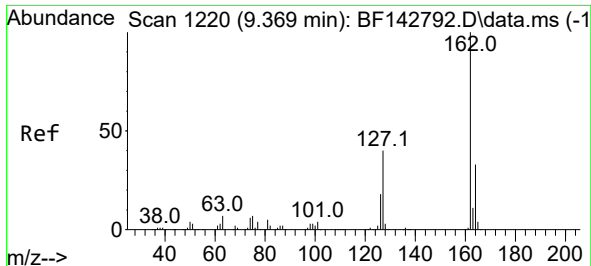
Tgt Ion:172 Resp: 998745
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.3 18.5 27.7



#46
1,1'-Biphenyl
Concen: 40.991 ng
RT: 9.339 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:154 Resp: 453330
Ion Ratio Lower Upper
154 100
153 40.5 20.3 60.3
76 10.1 0.0 30.3





#47

2-Chloronaphthalene

Concen: 40.645 ng

RT: 9.369 min Scan# 1220

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

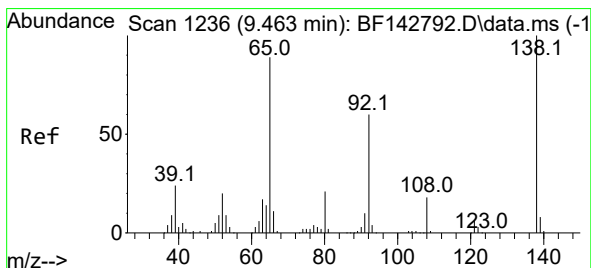
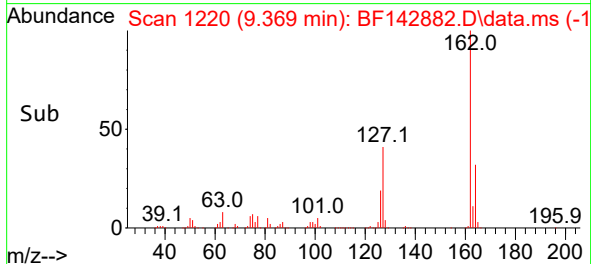
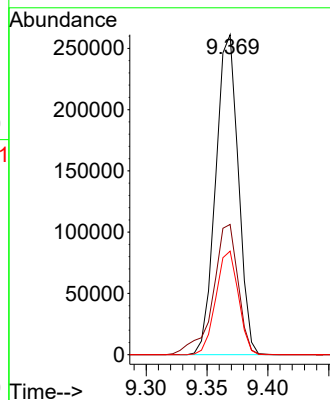
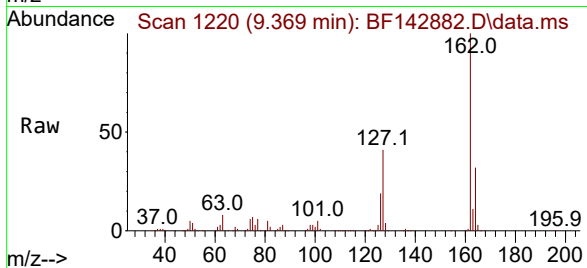
Tgt Ion:162 Resp: 337318

Ion Ratio Lower Upper

162 100

127 40.7 32.2 48.2

164 32.4 26.1 39.1



#48

2-Nitroaniline

Concen: 42.158 ng

RT: 9.463 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

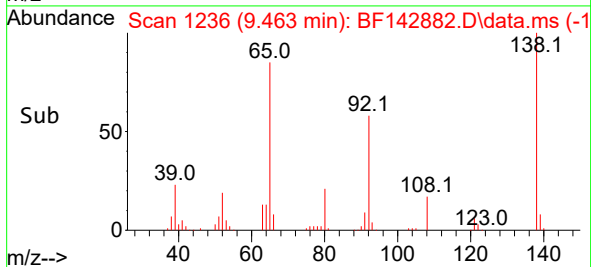
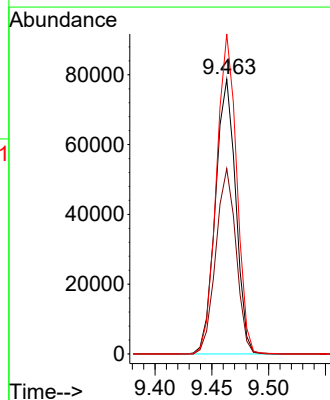
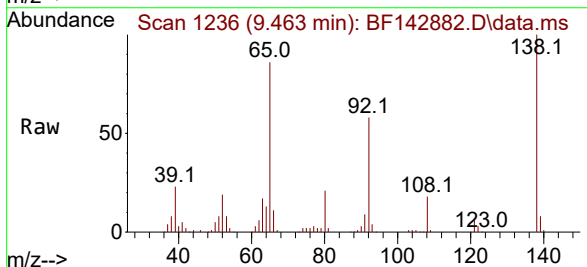
Tgt Ion: 65 Resp: 98089

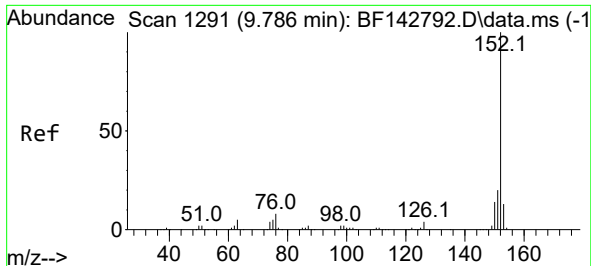
Ion Ratio Lower Upper

65 100

92 67.4 53.8 80.6

138 116.5 89.6 134.4

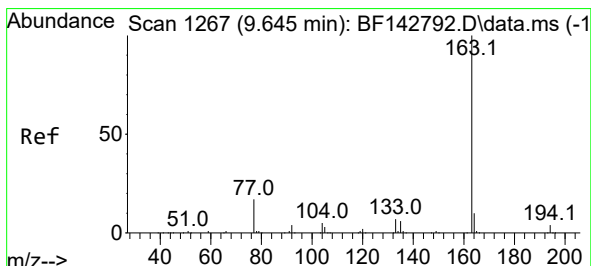
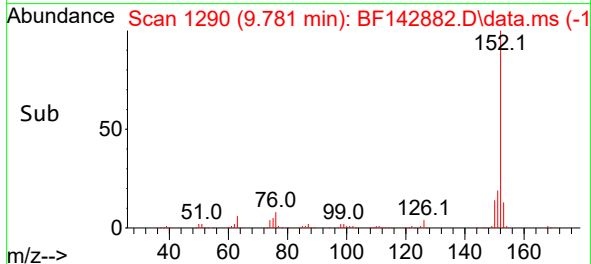
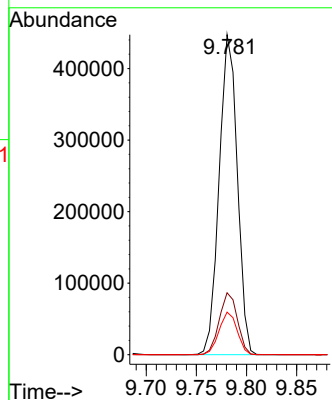
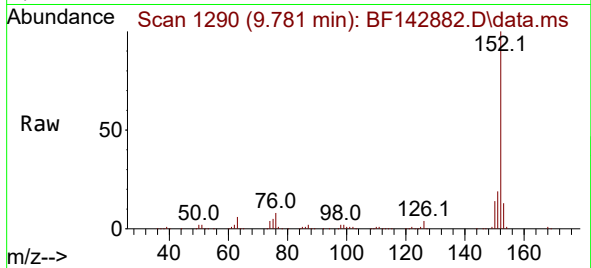




#49
Acenaphthylene
Concen: 41.130 ng
RT: 9.781 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

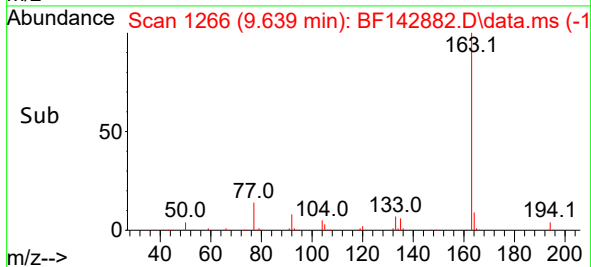
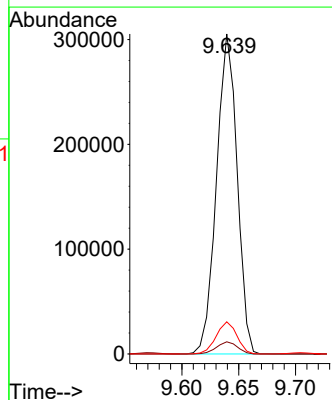
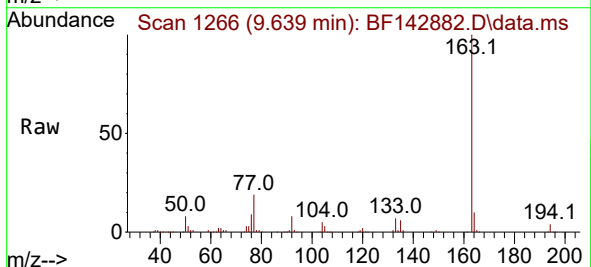
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

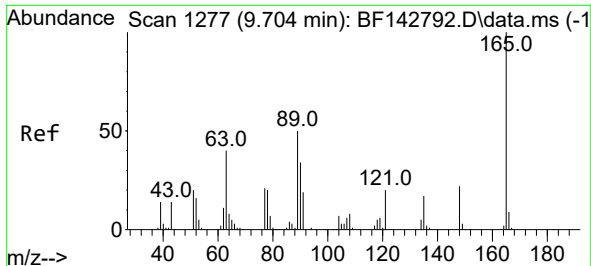
Tgt Ion:152 Resp: 561931
Ion Ratio Lower Upper
152 100
151 19.4 16.1 24.1
153 13.3 10.4 15.6



#50
Dimethylphthalate
Concen: 42.591 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:163 Resp: 385972
Ion Ratio Lower Upper
163 100
194 3.8 3.3 4.9
164 10.1 8.0 12.0

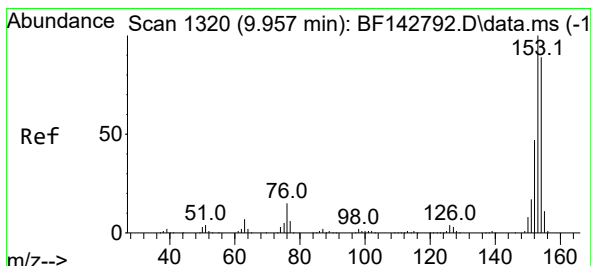
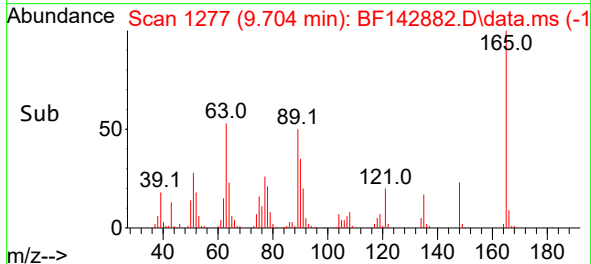
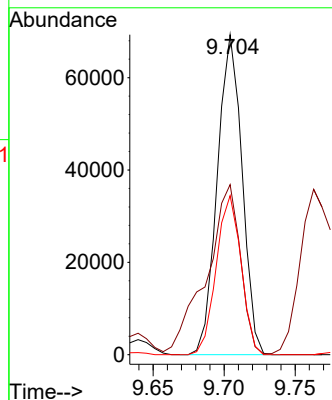
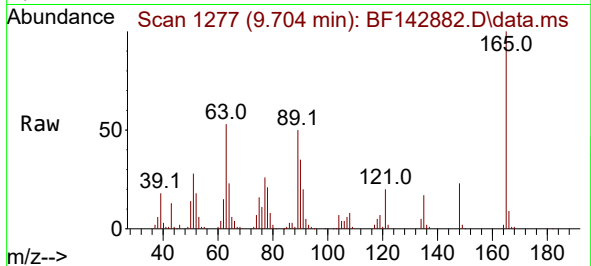




#51
2,6-Dinitrotoluene
Concen: 42.169 ng
RT: 9.704 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

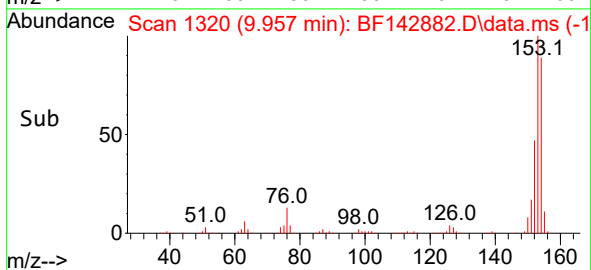
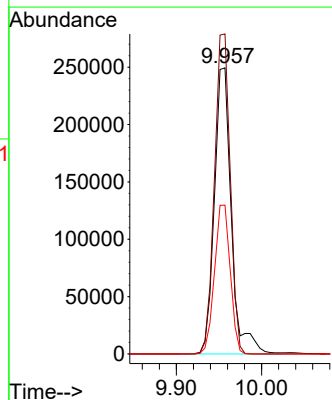
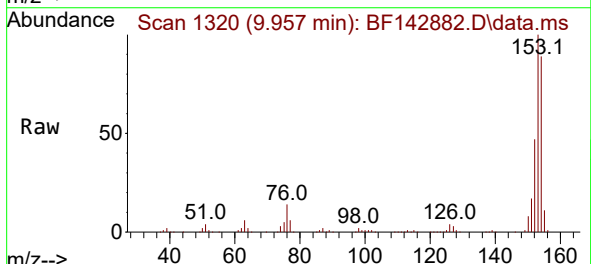
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

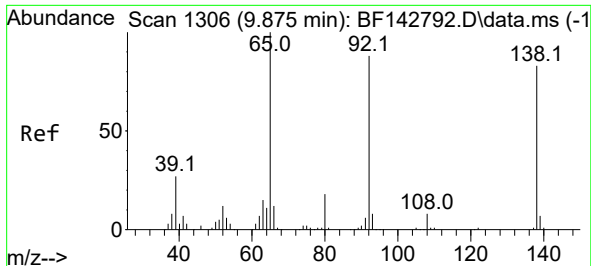
Tgt Ion:165 Resp: 83923
Ion Ratio Lower Upper
165 100
63 53.2 44.2 66.4
89 49.7 39.8 59.8



#52
Acenaphthene
Concen: 41.495 ng
RT: 9.957 min Scan# 1320
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:154 Resp: 345883
Ion Ratio Lower Upper
154 100
153 111.9 90.0 135.0
152 52.0 41.9 62.9

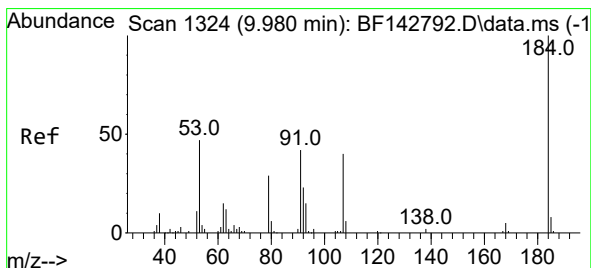
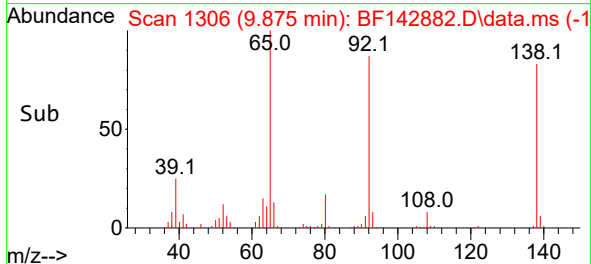
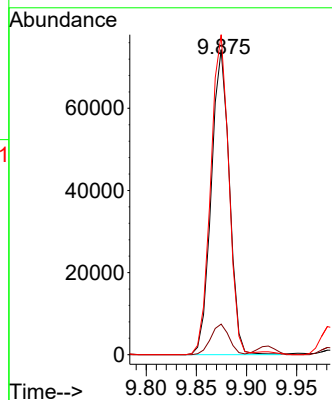
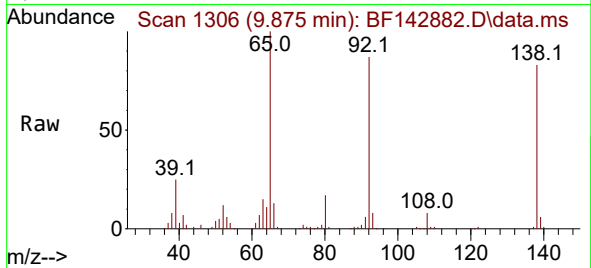




#53
3-Nitroaniline
Concen: 42.653 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

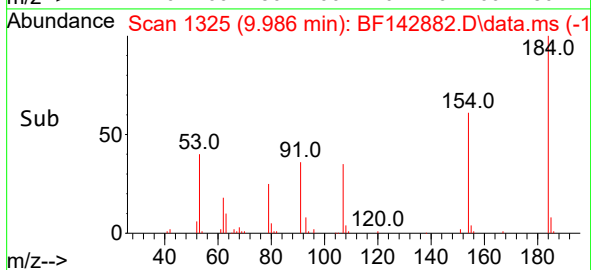
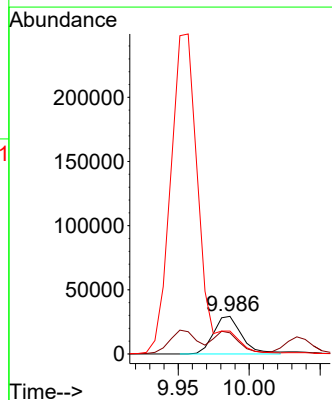
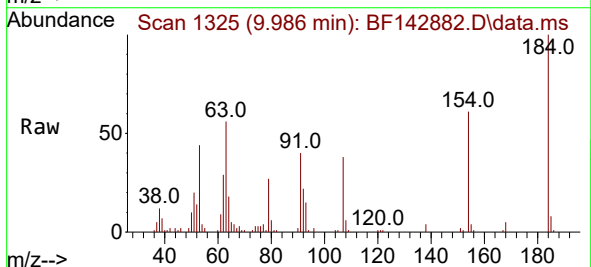
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

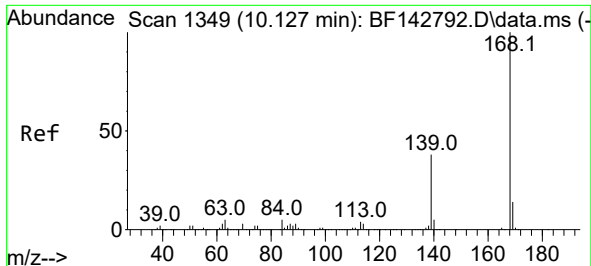
Tgt Ion:138 Resp: 93460
Ion Ratio Lower Upper
138 100
108 10.0 8.1 12.1
92 104.9 85.1 127.7



#54
2,4-Dinitrophenol
Concen: 40.800 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:184 Resp: 40658
Ion Ratio Lower Upper
184 100
63 56.1 50.6 75.8
154 60.6 51.8 77.8

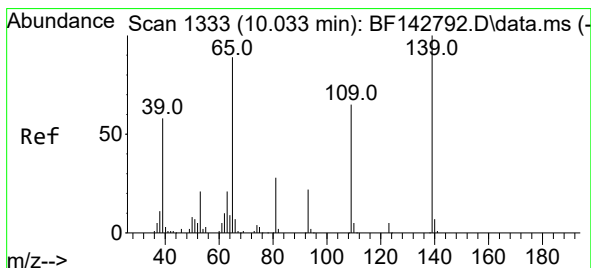
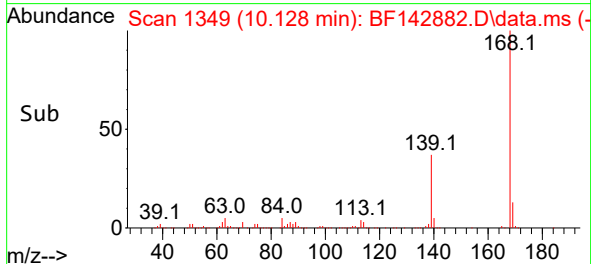
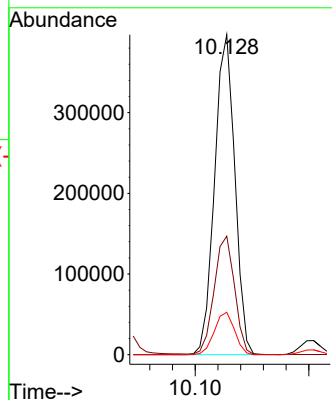
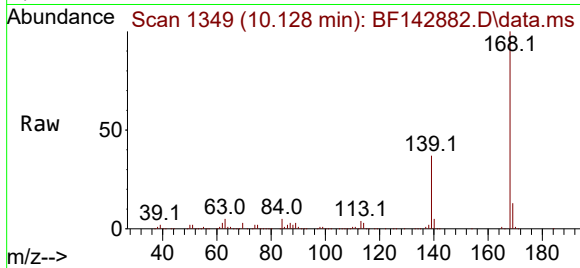




#55
Dibenzenofuran
Concen: 40.981 ng
RT: 10.128 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

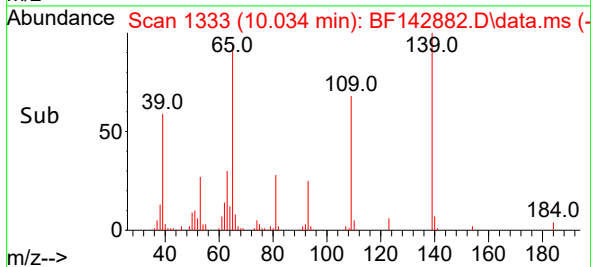
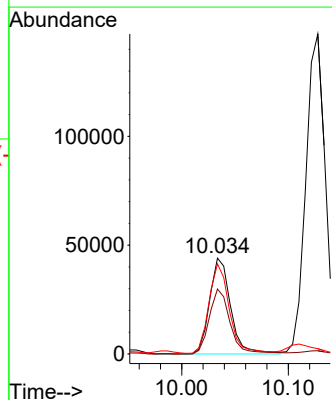
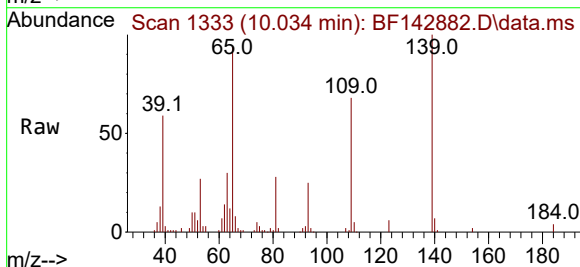
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

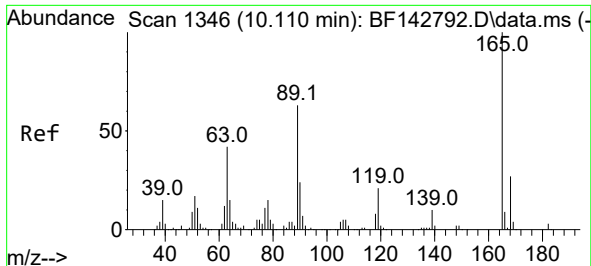
Tgt Ion:168 Resp: 489849
Ion Ratio Lower Upper
168 100
139 37.1 30.2 45.4
169 13.3 10.8 16.2



#56
4-Nitrophenol
Concen: 40.238 ng
RT: 10.034 min Scan# 1333
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:139 Resp: 60360
Ion Ratio Lower Upper
139 100
109 67.8 44.7 84.7
65 94.0 69.8 109.8





#57

2,4-Dinitrotoluene

Concen: 43.469 ng

RT: 10.110 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 114910

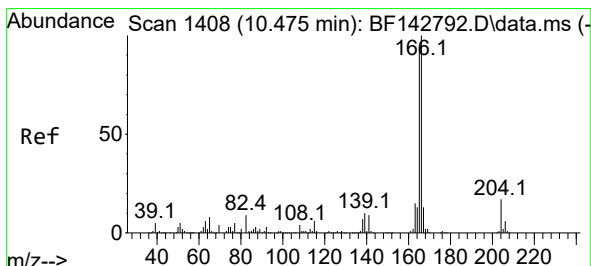
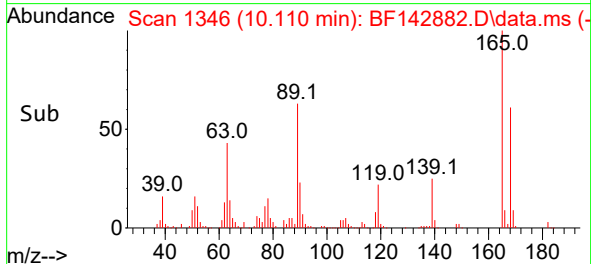
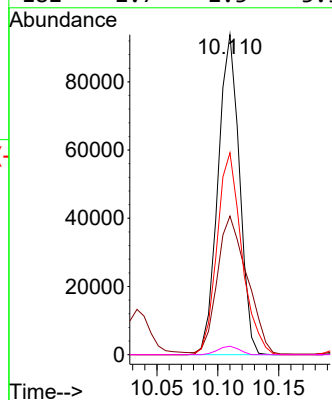
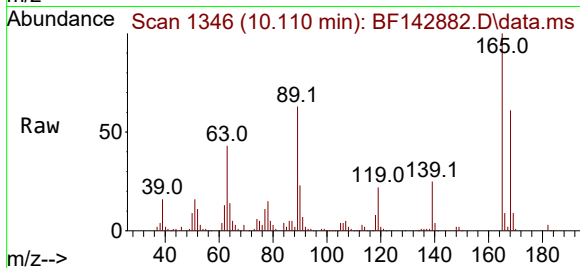
Ion Ratio Lower Upper

165 100

63 43.3 33.9 50.9

89 63.1 50.6 75.8

182 2.7 2.3 3.5



#58

Fluorene

Concen: 41.470 ng

RT: 10.469 min Scan# 1407

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

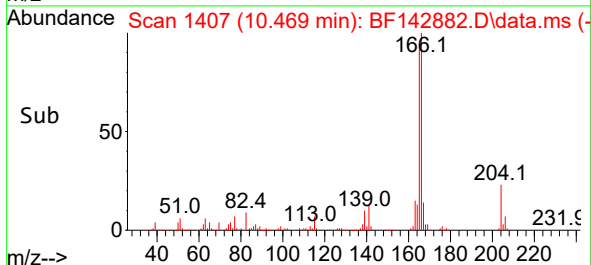
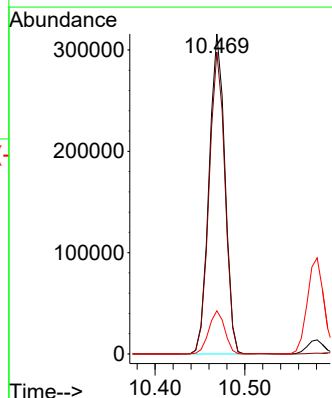
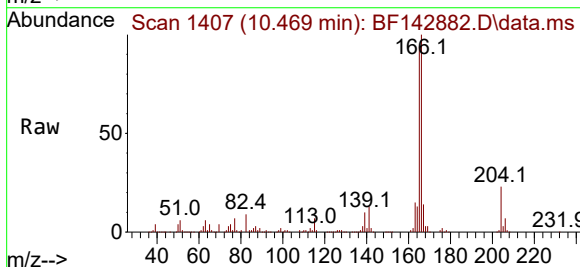
Tgt Ion:166 Resp: 387127

Ion Ratio Lower Upper

166 100

165 94.3 75.2 112.8

167 13.5 10.6 15.8

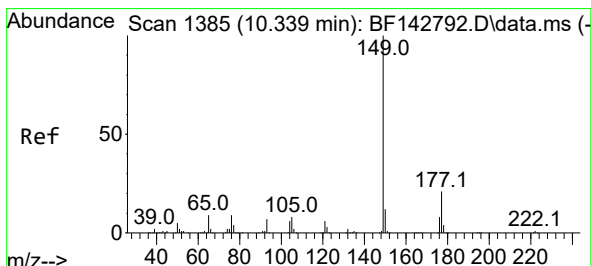
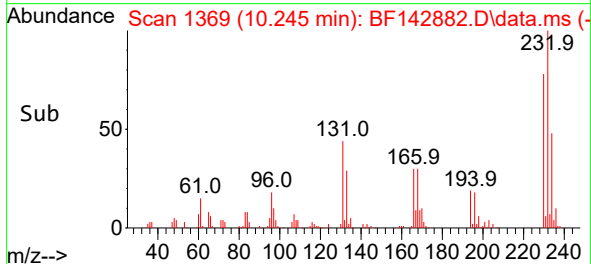
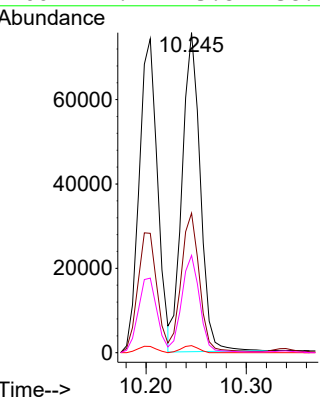
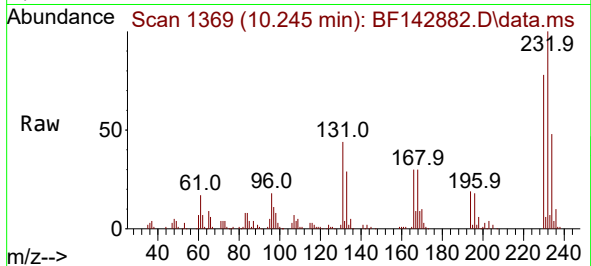




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.633 ng
RT: 10.245 min Scan# 1369
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

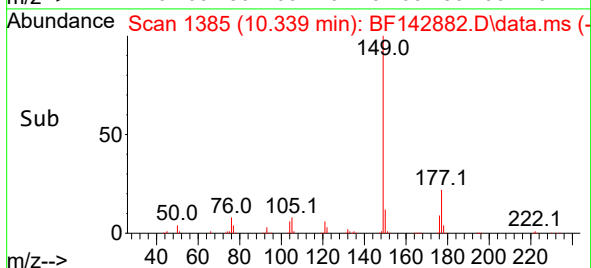
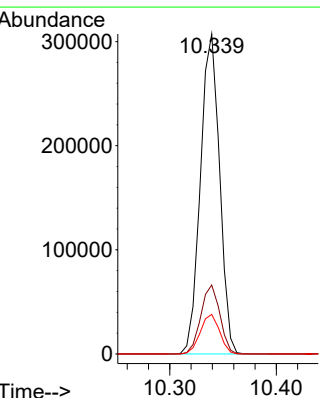
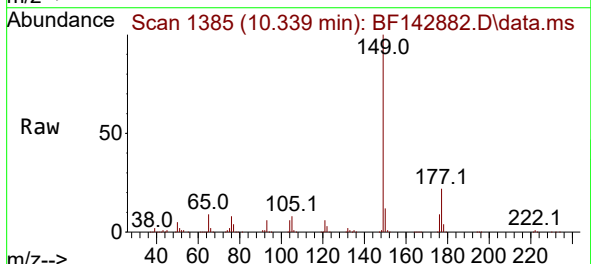
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

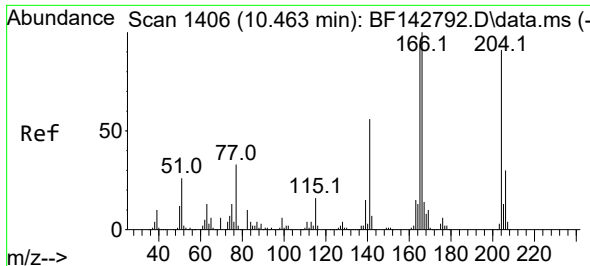
Tgt Ion:232 Resp: 95093
Ion Ratio Lower Upper
232 100
131 44.7 37.6 56.4
130 2.1 1.7 2.5
166 29.7 25.8 38.6



#60
Diethylphthalate
Concen: 43.114 ng
RT: 10.339 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:149 Resp: 383081
Ion Ratio Lower Upper
149 100
177 21.5 17.0 25.6
150 12.3 9.8 14.6

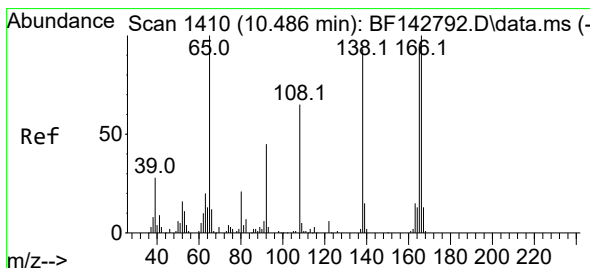
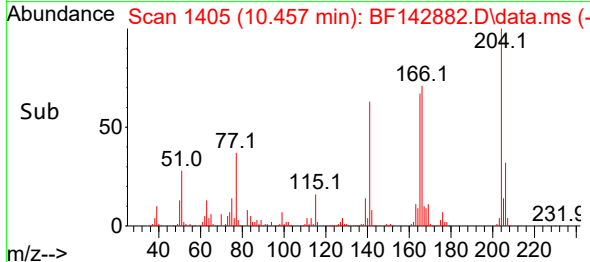
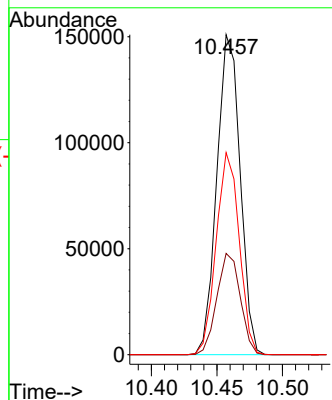
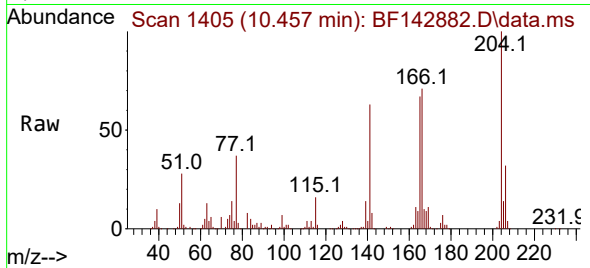




#61
4-Chlorophenyl-phenylether
Concen: 41.853 ng
RT: 10.457 min Scan# 1405
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

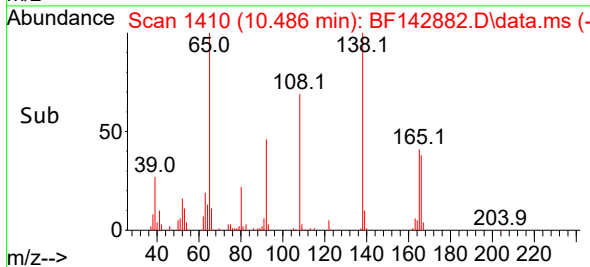
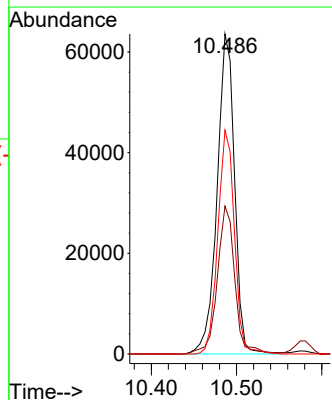
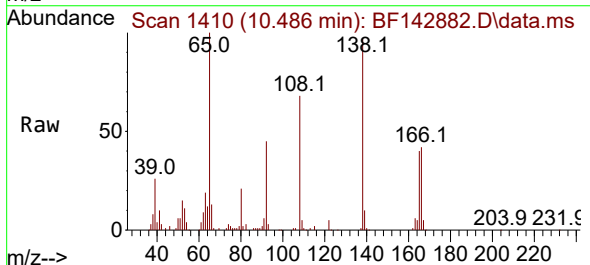
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

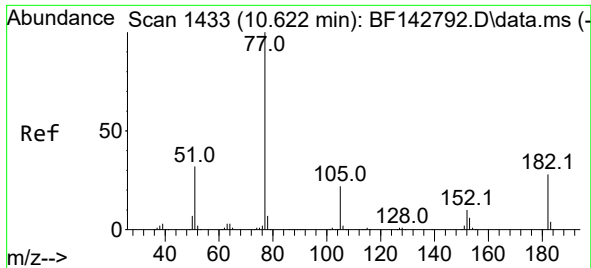
Tgt Ion:204 Resp: 186438
Ion Ratio Lower Upper
204 100
206 31.7 26.3 39.5
141 63.2 49.1 73.7



#62
4-Nitroaniline
Concen: 45.151 ng
RT: 10.486 min Scan# 1410
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:138 Resp: 90481
Ion Ratio Lower Upper
138 100
92 46.2 28.4 68.4
108 69.9 50.2 90.2

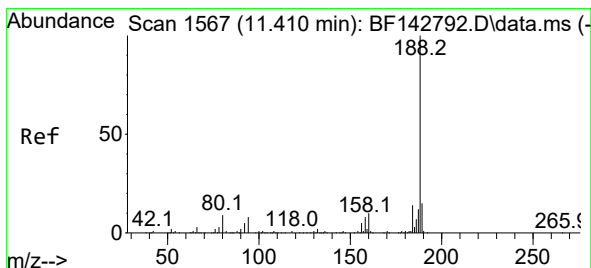
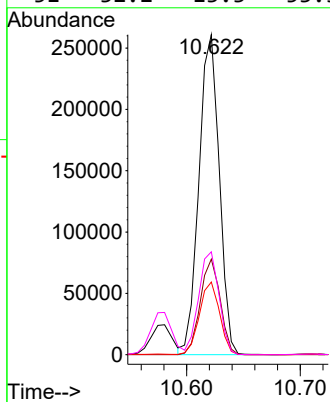
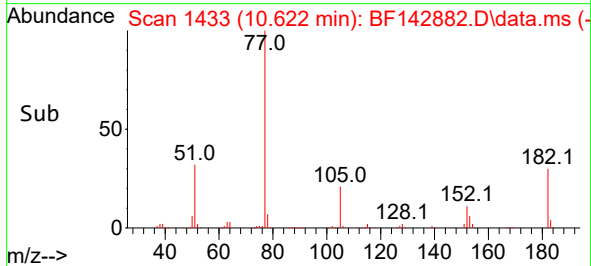
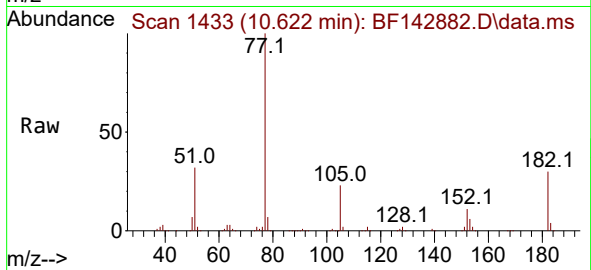




#63
Azobenzene
Concen: 40.890 ng
RT: 10.622 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

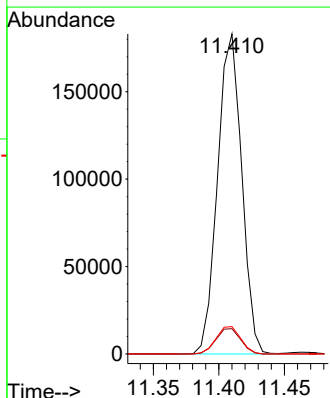
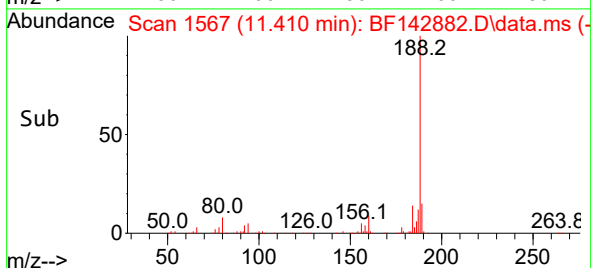
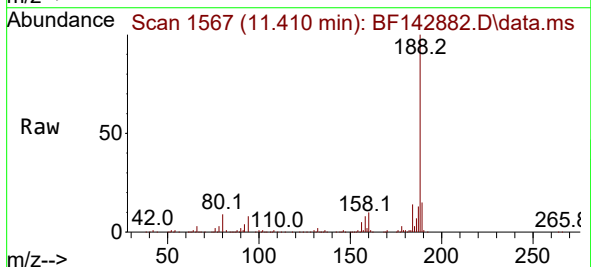
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

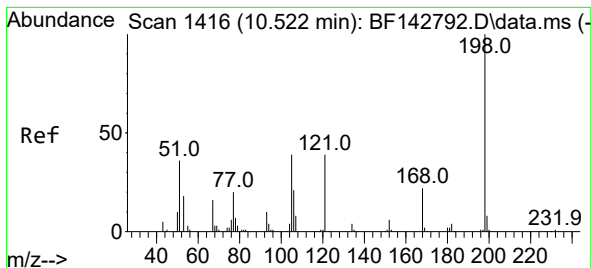
Tgt Ion: 77	Resp: 324727
Ion Ratio	Lower Upper
77 100	
182 29.8	7.7 47.7
105 22.7	1.9 41.9
51 32.2	13.3 53.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 1567
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:188	Resp: 234291
Ion Ratio	Lower Upper
188 100	
94 7.9	6.7 10.1
80 8.6	6.9 10.3

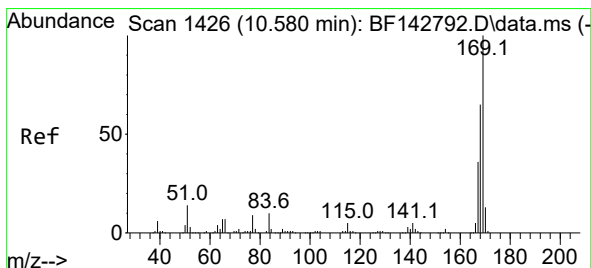
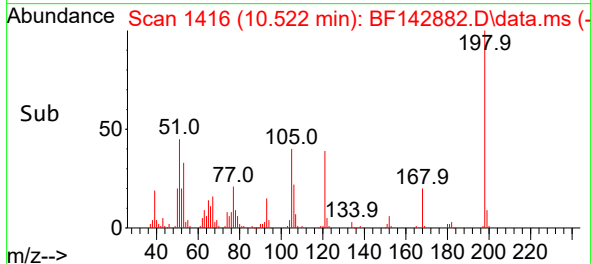
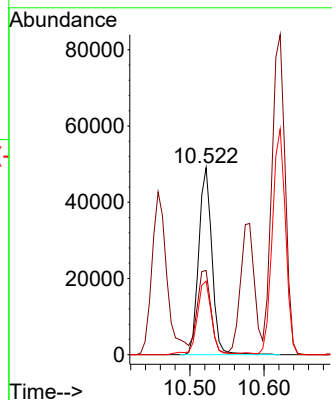
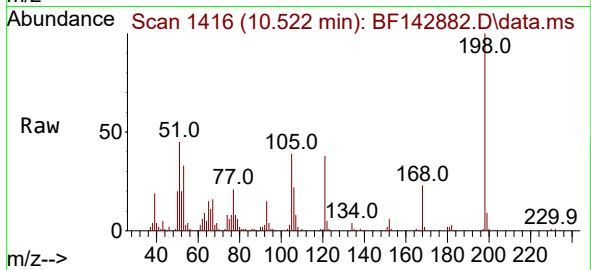




#65
4,6-Dinitro-2-methylphenol
Concen: 42.988 ng
RT: 10.522 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

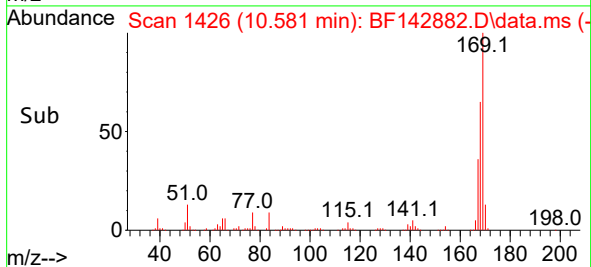
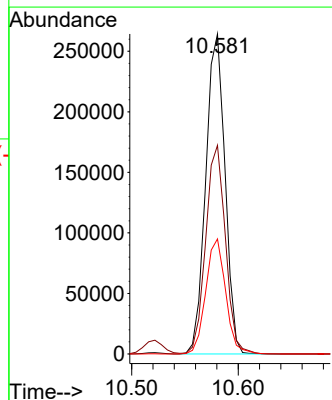
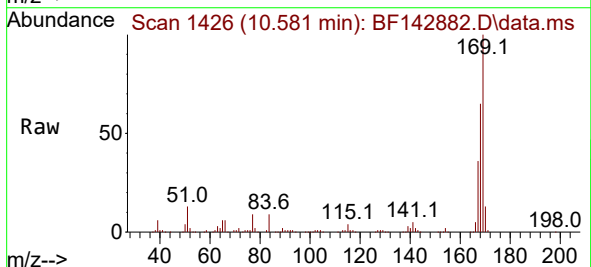
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

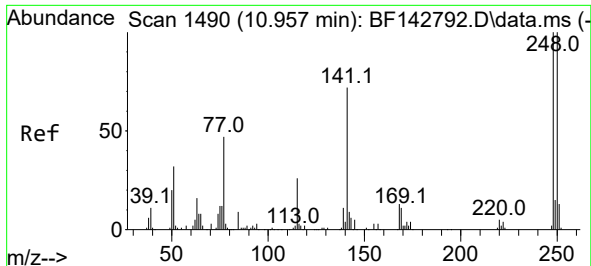
Tgt Ion:198 Resp: 60921
Ion Ratio Lower Upper
198 100
51 44.9 25.4 65.4
105 39.4 20.4 60.4



#66
n-Nitrosodiphenylamine
Concen: 40.929 ng
RT: 10.581 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:169 Resp: 332341
Ion Ratio Lower Upper
169 100
168 65.2 51.9 77.9
167 35.9 28.5 42.7

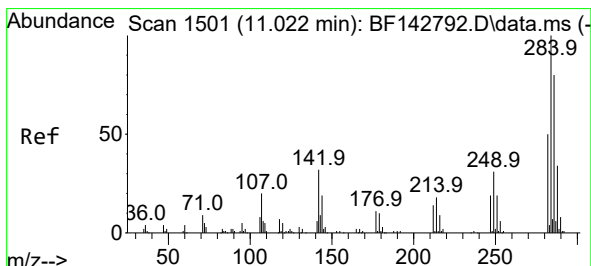
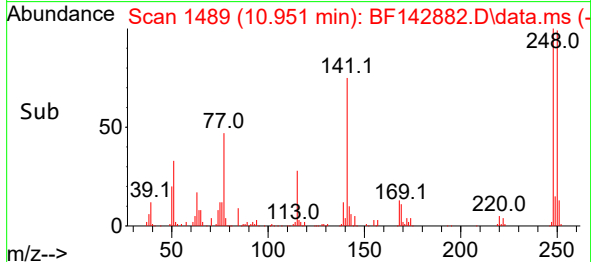
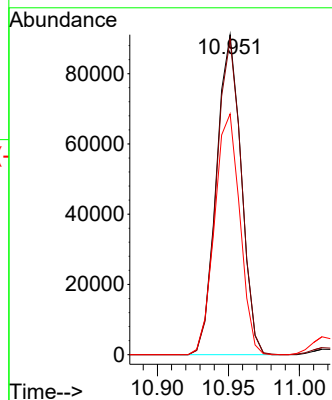
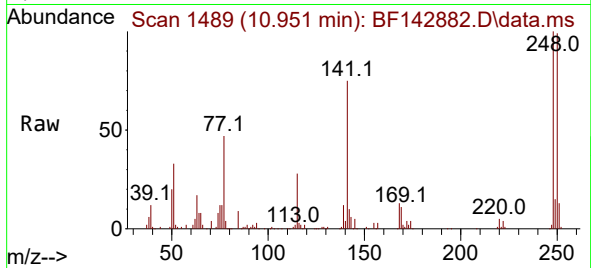




#67
4-Bromophenyl-phenylether
Concen: 41.431 ng
RT: 10.951 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

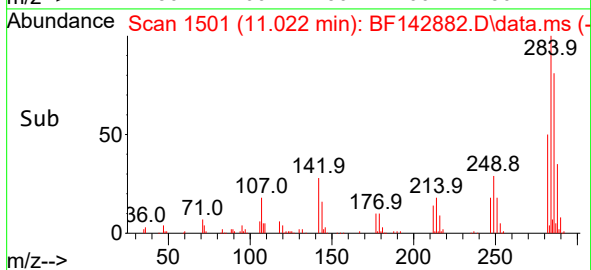
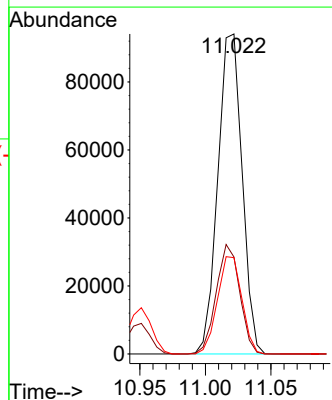
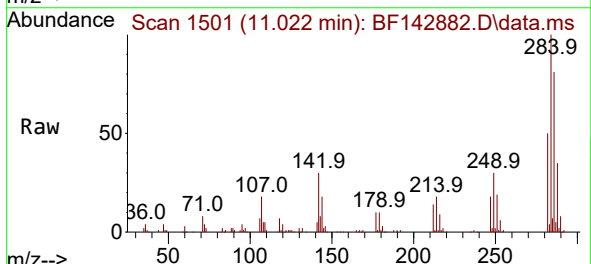
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 110475
Ion Ratio Lower Upper
248 100
250 98.6 79.8 119.8
141 75.3 57.8 86.6



#68
Hexachlorobenzene
Concen: 40.826 ng
RT: 11.022 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:284 Resp: 120962
Ion Ratio Lower Upper
284 100
142 30.3 25.5 38.3
249 30.1 24.9 37.3





#69

Atrazine

Concen: 45.621 ng

RT: 11.104 min Scan# 1515

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

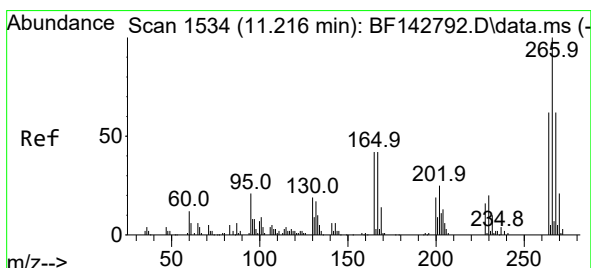
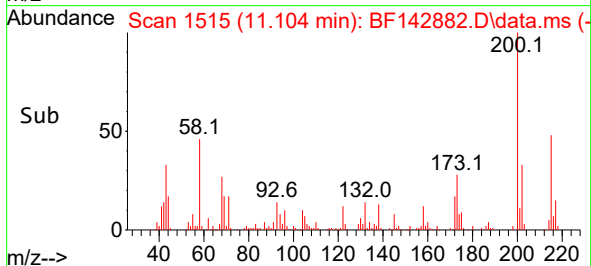
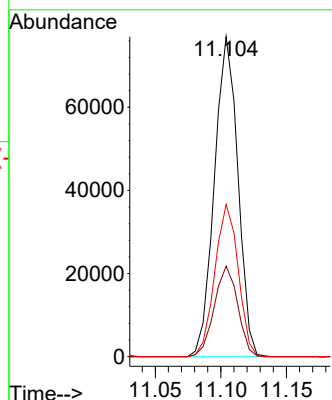
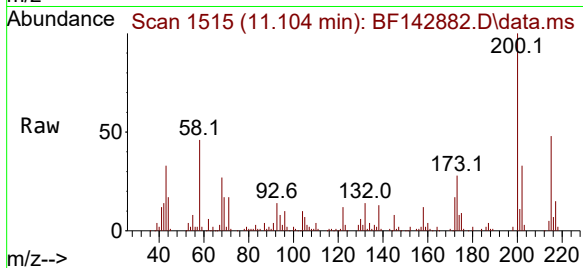
Tgt Ion:200 Resp: 95659

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 47.6 28.4 68.4



#70

Pentachlorophenol

Concen: 39.862 ng

RT: 11.216 min Scan# 1534

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

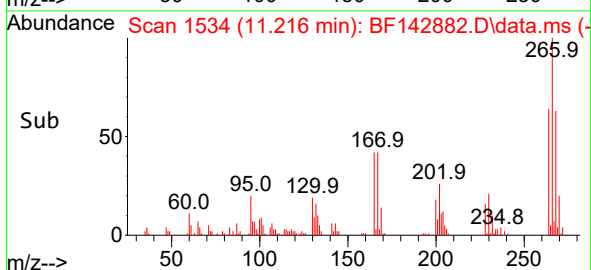
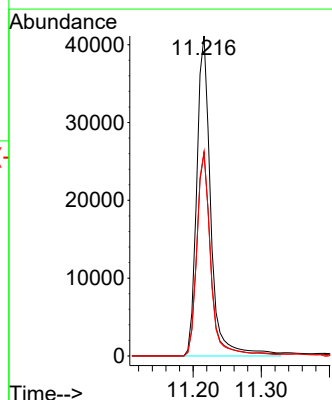
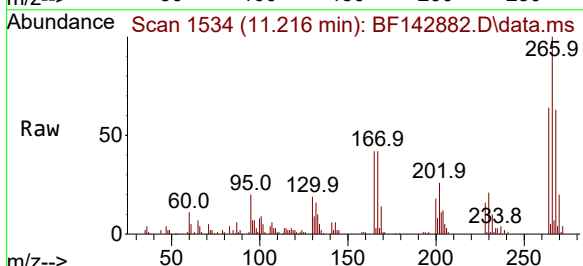
Tgt Ion:266 Resp: 58852

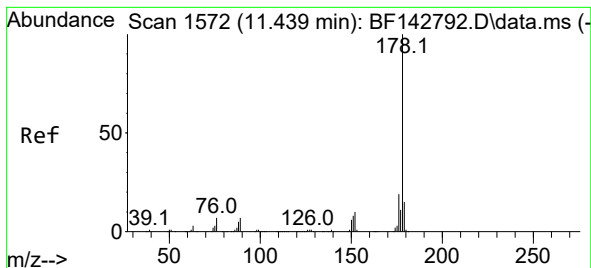
Ion Ratio Lower Upper

266 100

268 63.4 49.8 74.8

264 63.8 49.9 74.9





#71

Phenanthrene

Concen: 40.792 ng

RT: 11.433 min Scan# 1571

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

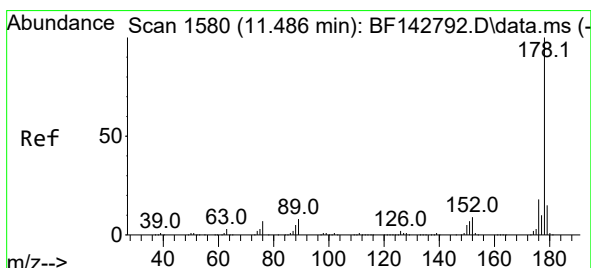
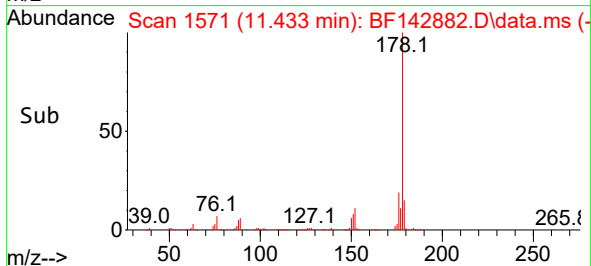
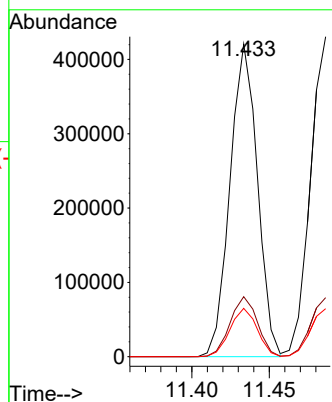
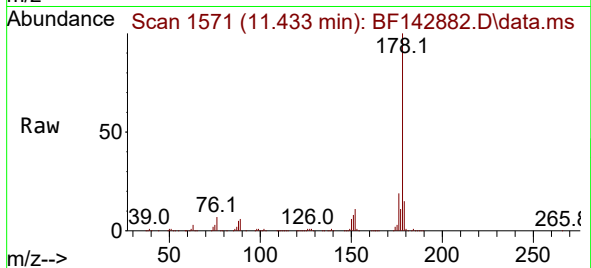
Tgt Ion:178 Resp: 517710

Ion Ratio Lower Upper

178 100

176 19.2 15.1 22.7

179 15.5 12.0 18.0



#72

Anthracene

Concen: 40.904 ng

RT: 11.486 min Scan# 1580

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

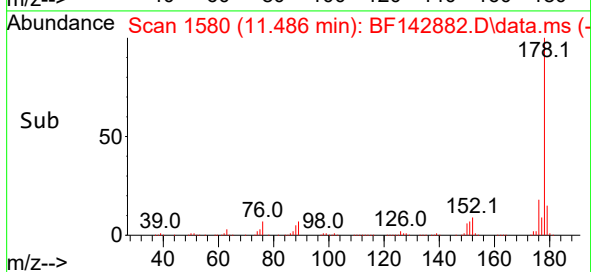
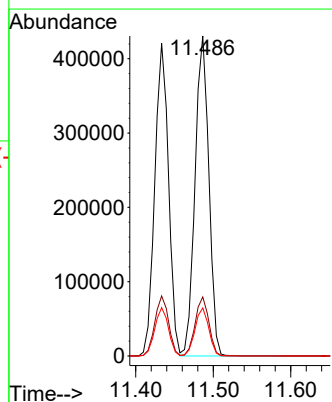
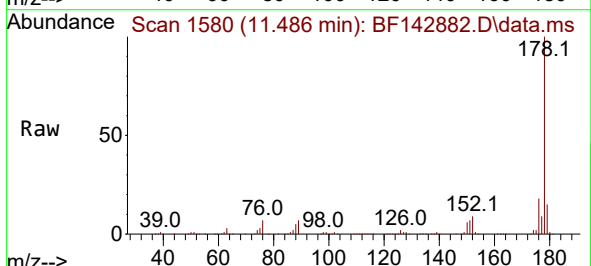
Tgt Ion:178 Resp: 532425

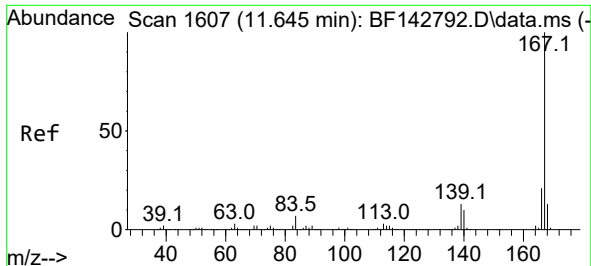
Ion Ratio Lower Upper

178 100

176 18.4 14.6 21.8

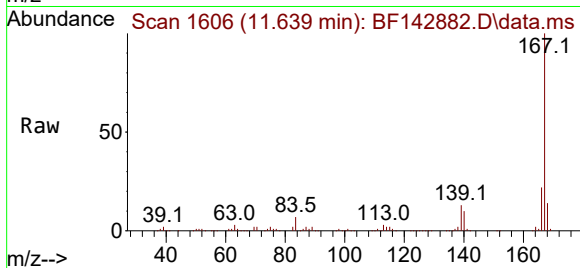
179 15.0 12.4 18.6



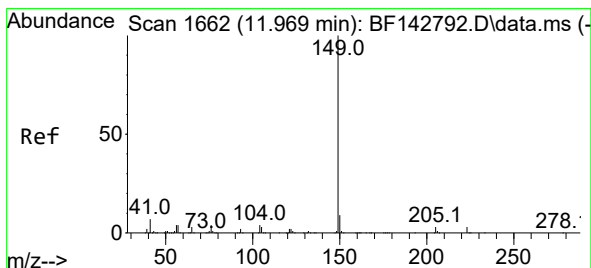
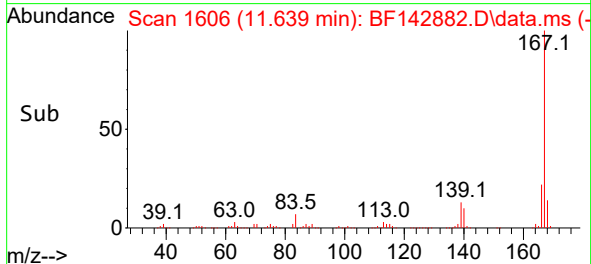
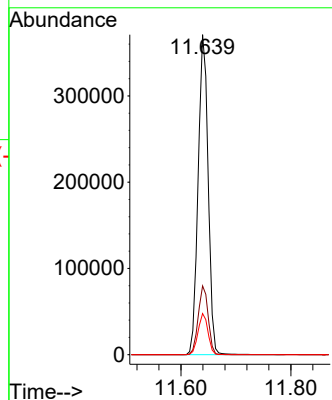


#73
 Carbazole
 Concen: 41.819 ng
 RT: 11.639 min Scan# 1606
 Delta R.T. -0.006 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

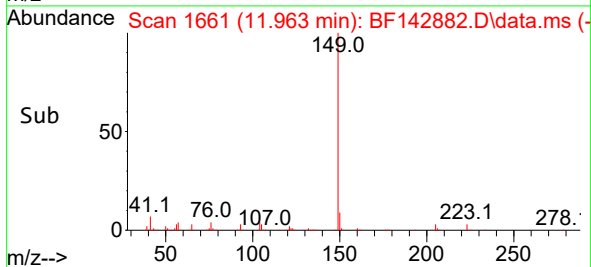
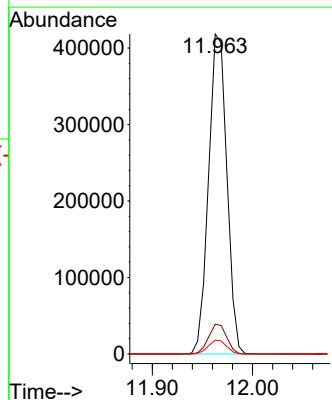
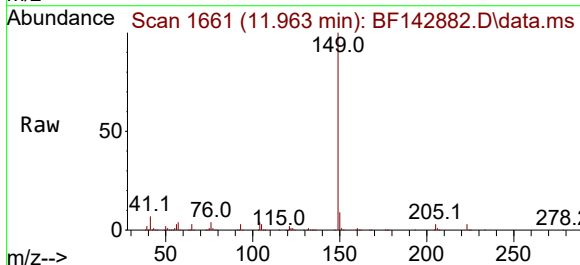


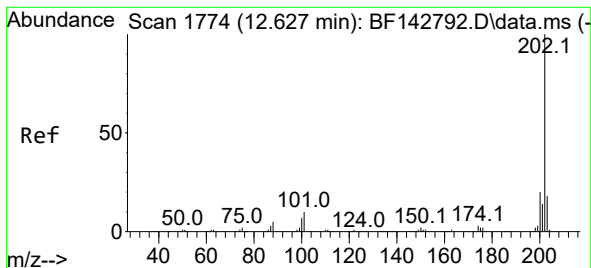
Tgt Ion:167 Resp: 469739
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 12.9 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 45.490 ng
 RT: 11.963 min Scan# 1661
 Delta R.T. -0.006 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion:149 Resp: 532302
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.0
 104 4.3 3.5 5.3





#75

Fluoranthene

Concen: 41.814 ng

RT: 12.622 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

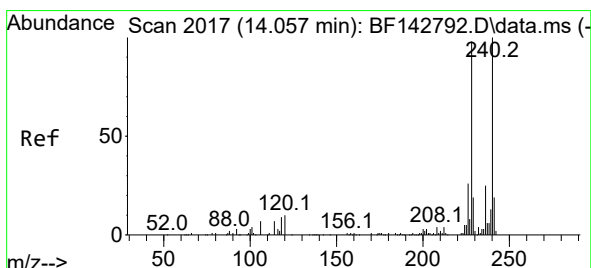
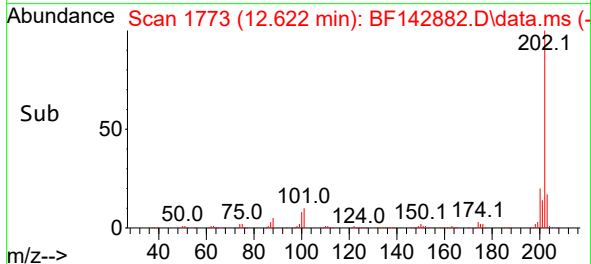
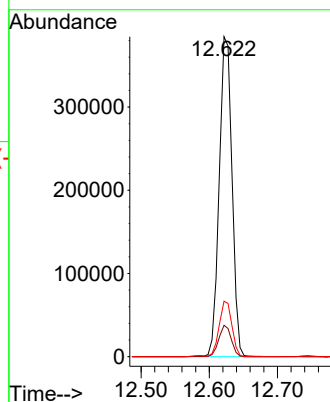
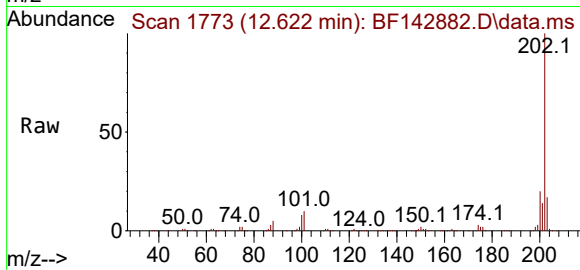
Tgt Ion:202 Resp: 503645

Ion Ratio Lower Upper

202 100

101 9.8 0.0 29.7

203 17.4 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: BF142882.D

Acq: 27 Jun 2025 09:51

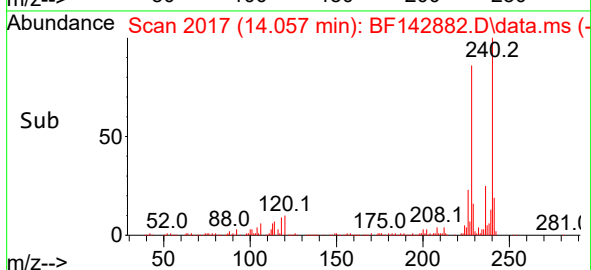
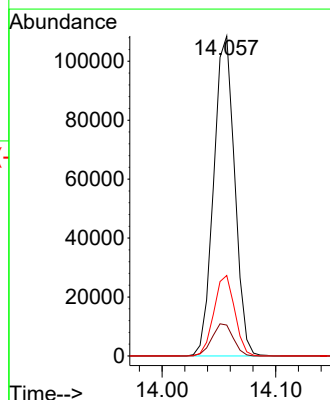
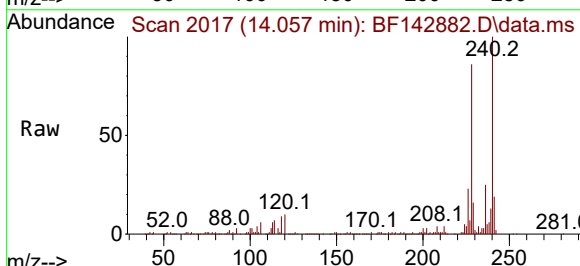
Tgt Ion:240 Resp: 139168

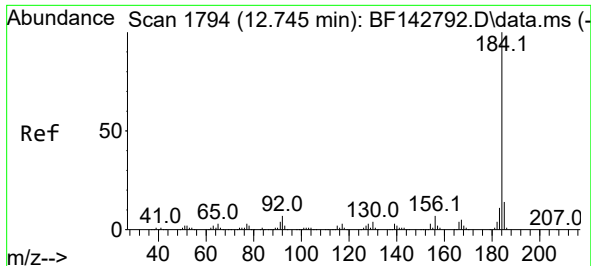
Ion Ratio Lower Upper

240 100

120 9.6 8.2 12.2

236 25.2 19.8 29.8

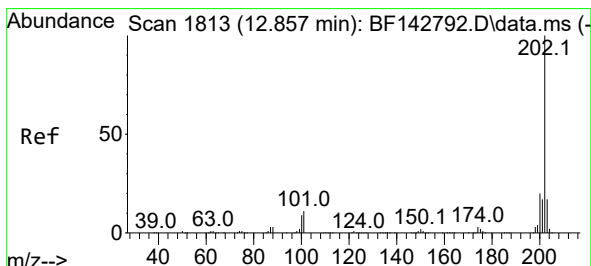
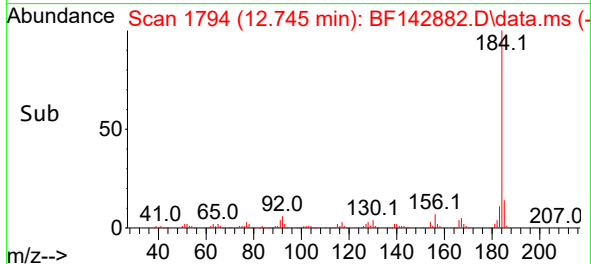
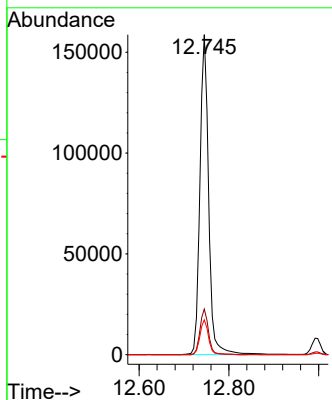
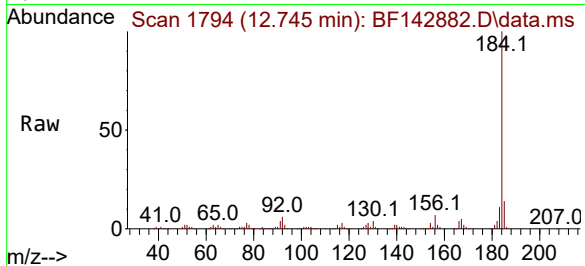




#77
Benzidine
Concen: 40.907 ng
RT: 12.745 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

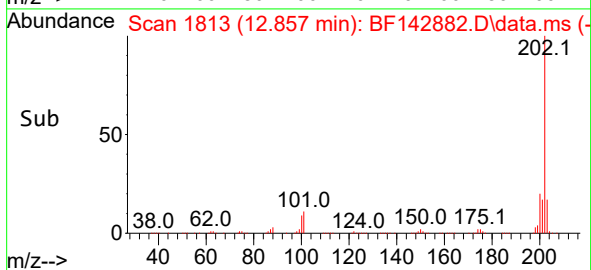
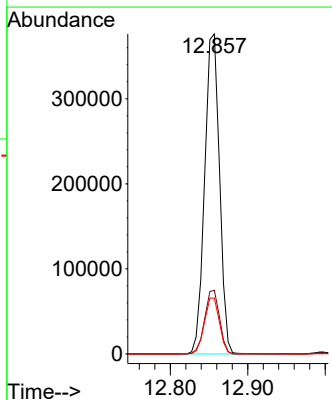
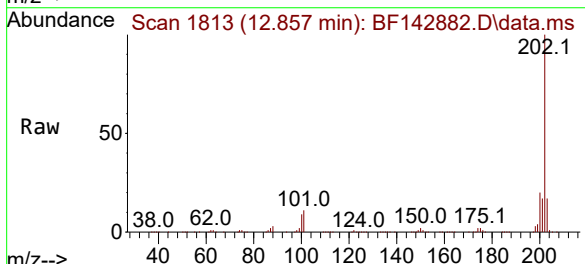
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:184 Resp: 213892
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 10.9 9.0 13.4



#78
Pyrene
Concen: 38.396 ng
RT: 12.857 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:202 Resp: 500872
Ion Ratio Lower Upper
202 100
200 19.9 15.7 23.5
203 17.4 13.8 20.6

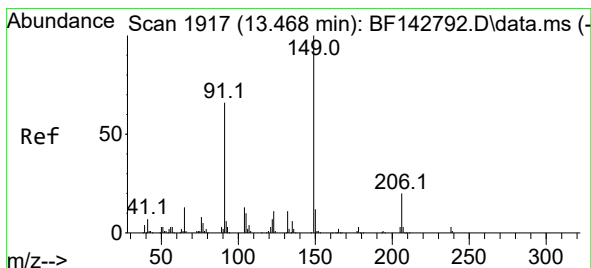
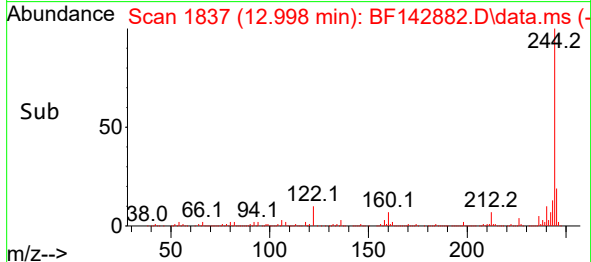
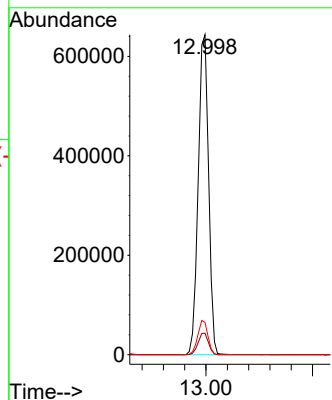
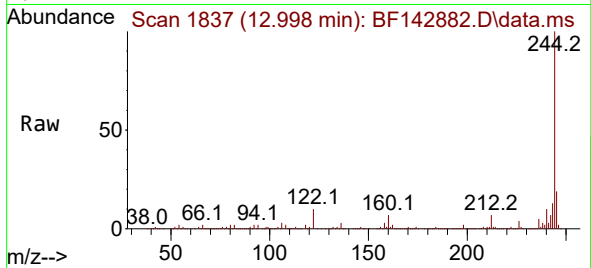




#79
 Terphenyl-d14
 Concen: 86.486 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

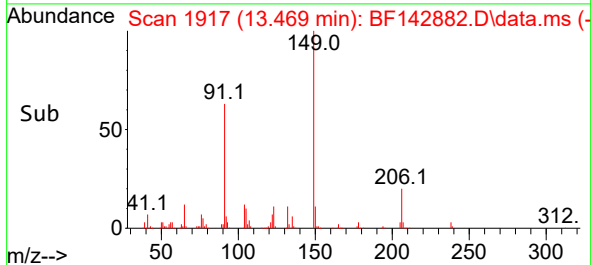
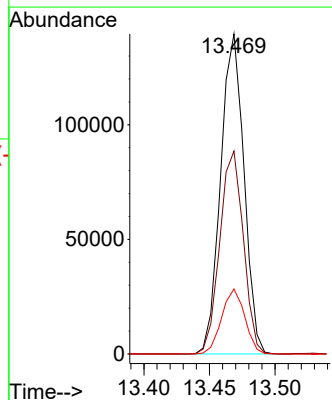
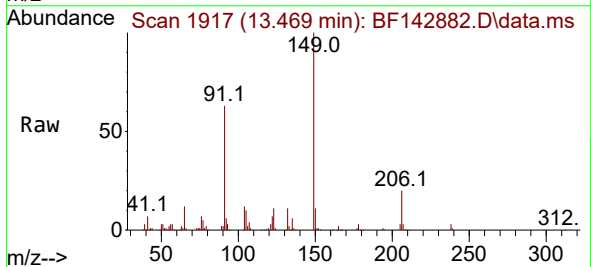
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

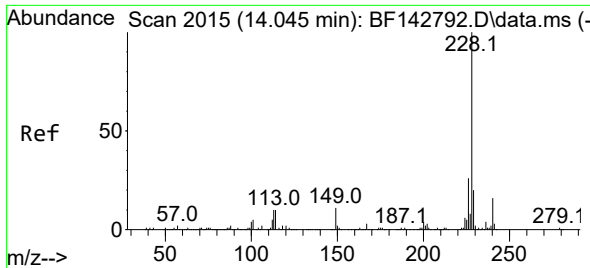
Tgt Ion:244 Resp: 871106
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 10.1 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 45.642 ng
 RT: 13.469 min Scan# 1917
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion:149 Resp: 172705
 Ion Ratio Lower Upper
 149 100
 91 63.4 52.9 79.3
 206 20.3 16.3 24.5

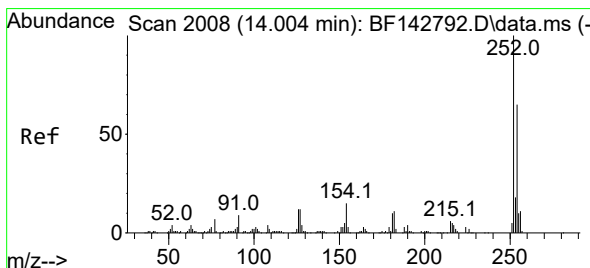
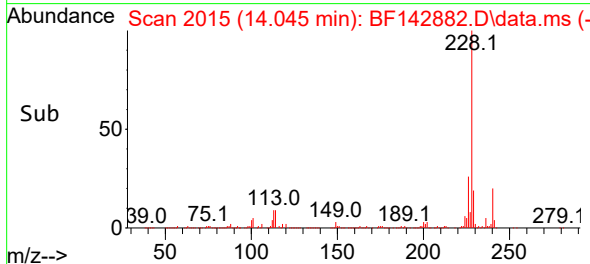
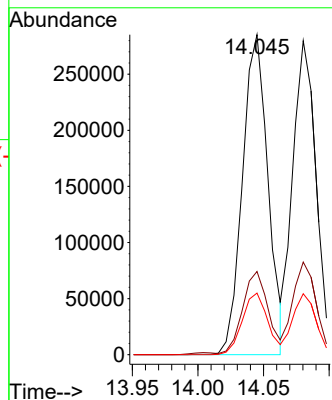
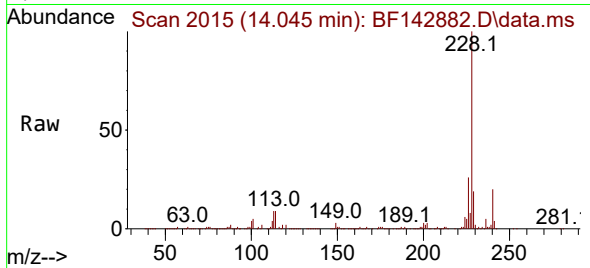




#81
Benzo(a)anthracene
Concen: 41.213 ng
RT: 14.045 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

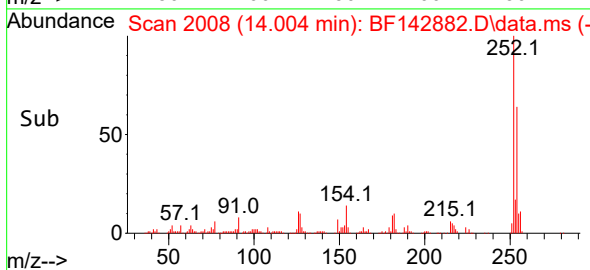
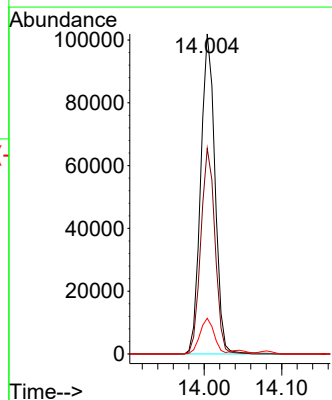
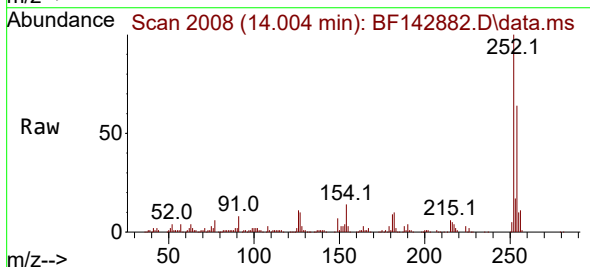
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

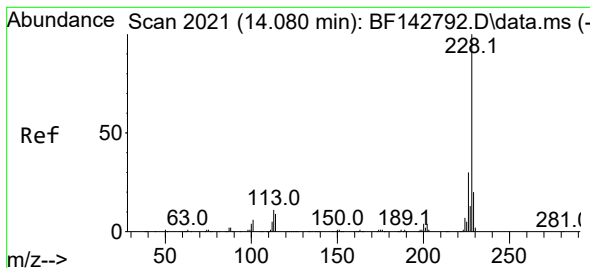
Tgt Ion:228 Resp: 386926
Ion Ratio Lower Upper
228 100
226 26.0 21.2 31.8
229 19.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.779 ng
RT: 14.004 min Scan# 2008
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:252 Resp: 130270
Ion Ratio Lower Upper
252 100
254 64.3 51.7 77.5
126 11.2 9.4 14.2





#83

Chrysene

Concen: 41.058 ng

RT: 14.080 min Scan# 2021

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

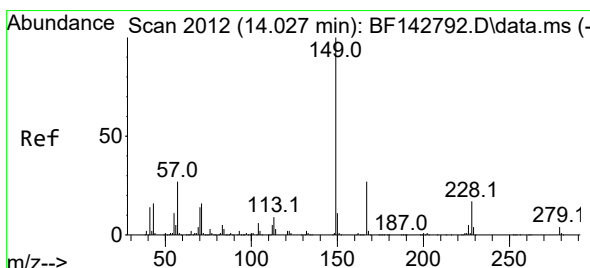
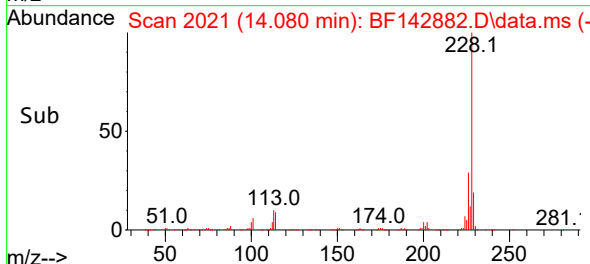
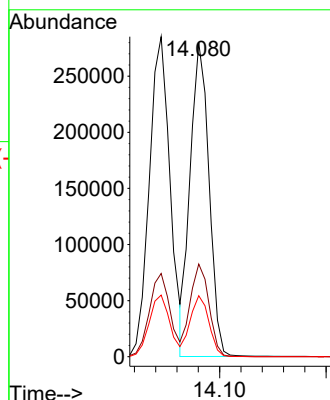
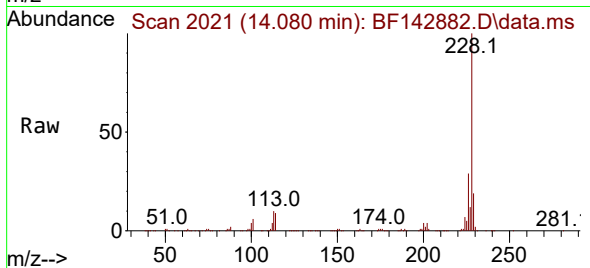
Tgt Ion:228 Resp: 343961

Ion Ratio Lower Upper

228 100

226 29.5 23.7 35.5

229 19.4 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.007 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

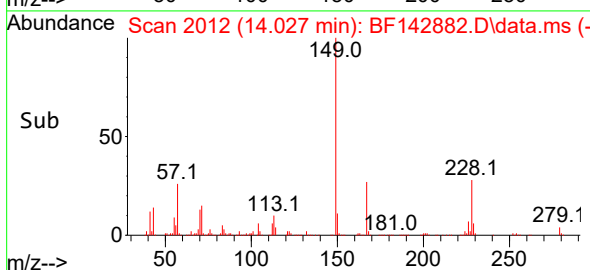
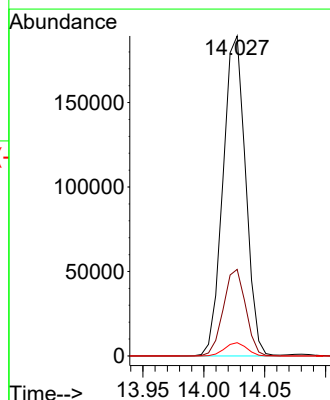
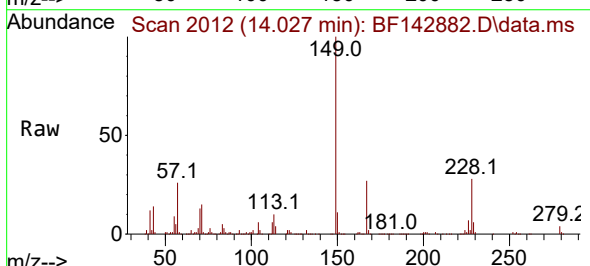
Tgt Ion:149 Resp: 245032

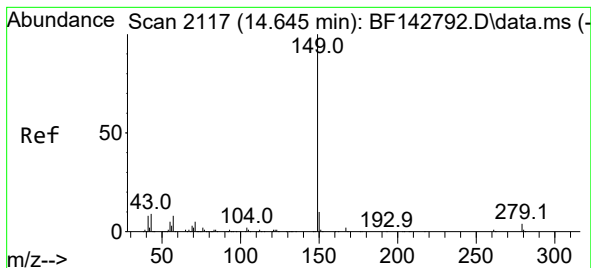
Ion Ratio Lower Upper

149 100

167 27.1 21.4 32.0

279 4.2 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 41.794 ng

RT: 14.639 min Scan# 2116

Delta R.T. -0.006 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

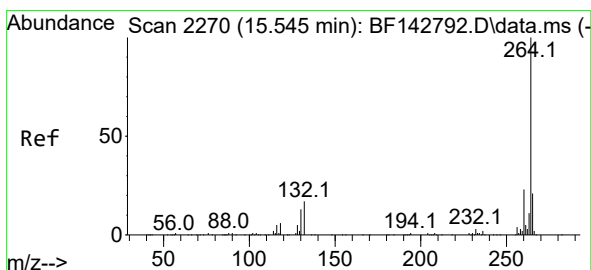
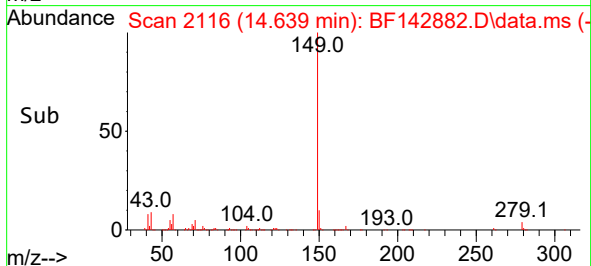
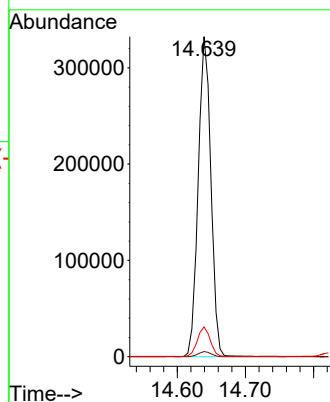
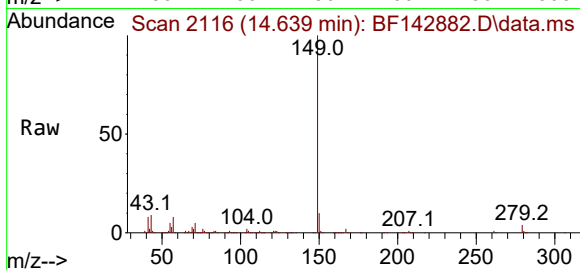
Tgt Ion:149 Resp: 429047

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 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: BF142882.D

Acq: 27 Jun 2025 09:51

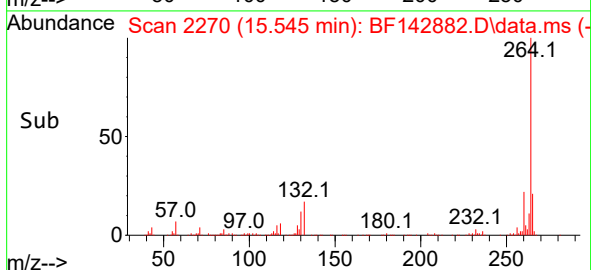
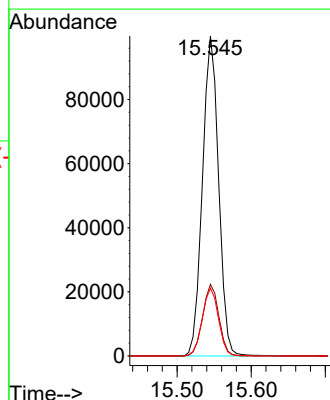
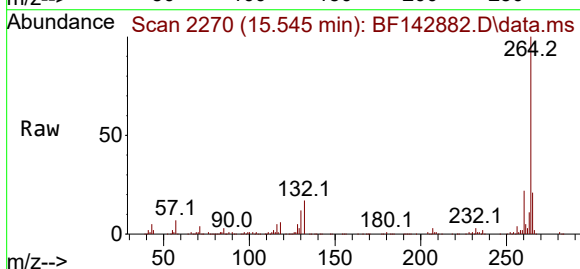
Tgt Ion:264 Resp: 151209

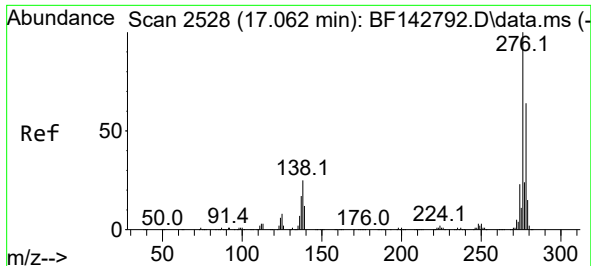
Ion Ratio Lower Upper

264 100

260 22.4 18.1 27.1

265 21.2 16.6 25.0

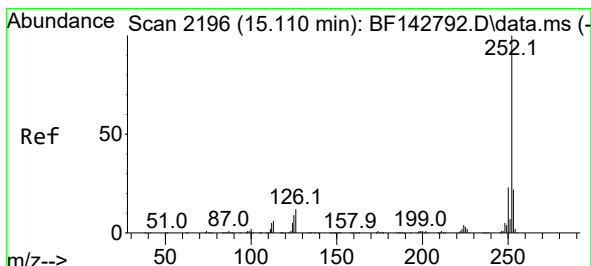
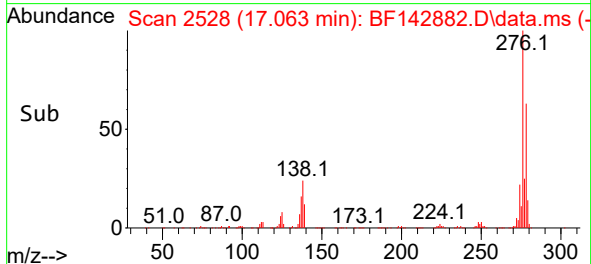
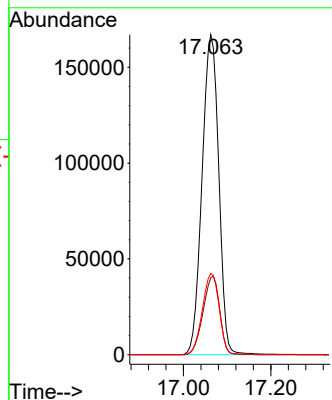
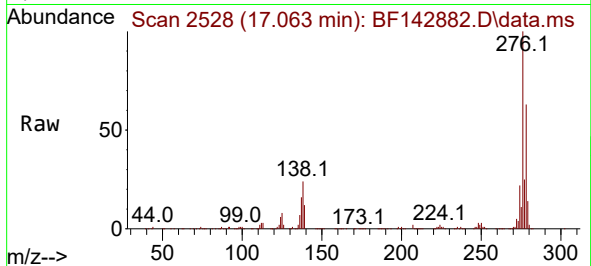




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 38.579 ng
 RT: 17.063 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

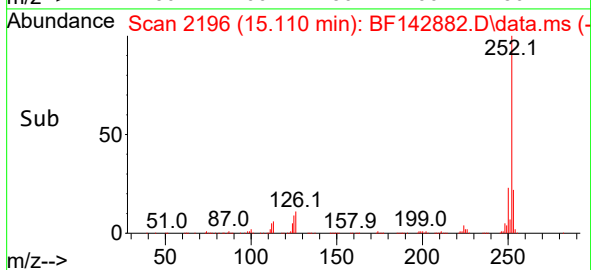
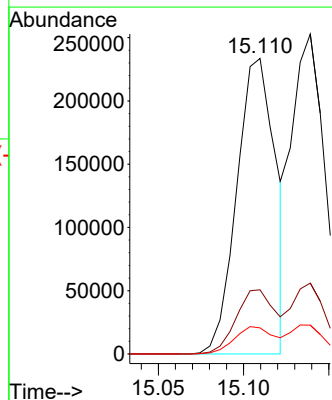
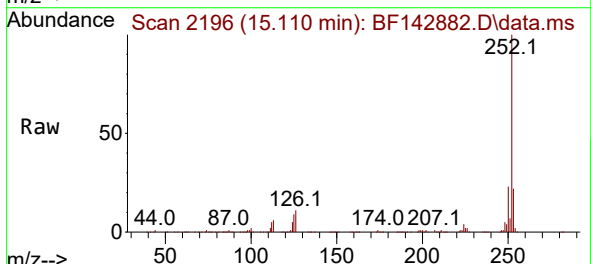
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

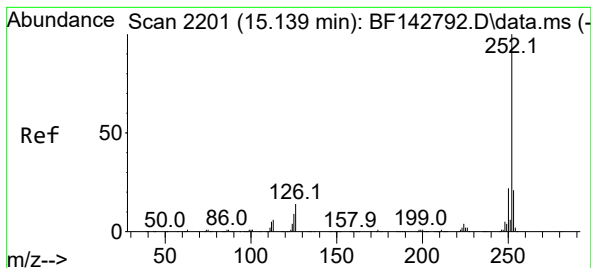
Tgt Ion:276 Resp: 444330
 Ion Ratio Lower Upper
 276 100
 138 24.4 20.2 30.4
 277 25.6 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 42.174 ng
 RT: 15.110 min Scan# 2196
 Delta R.T. 0.000 min
 Lab File: BF142882.D
 Acq: 27 Jun 2025 09:51

Tgt Ion:252 Resp: 369007
 Ion Ratio Lower Upper
 252 100
 253 21.7 17.5 26.3
 125 8.8 7.4 11.0





#89

Benzo(k)fluoranthene

Concen: 42.185 ng

RT: 15.139 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

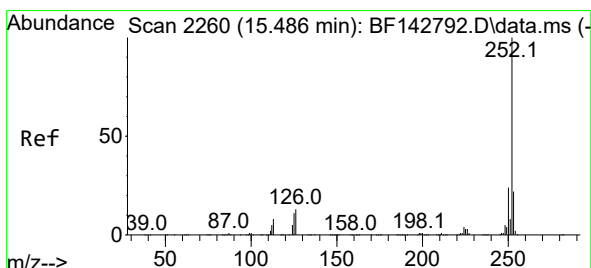
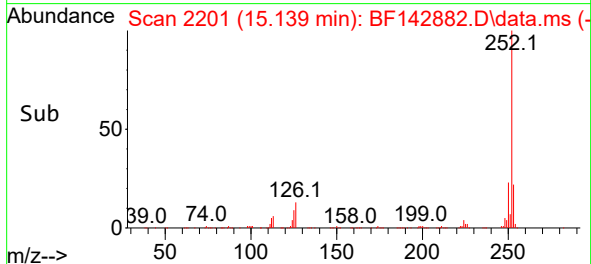
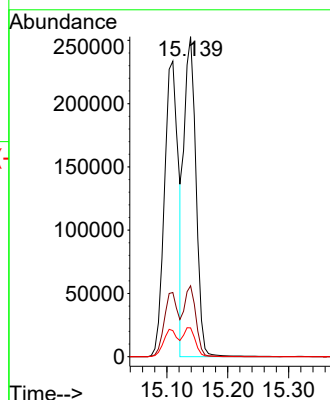
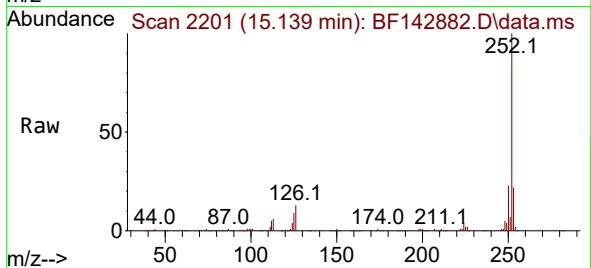
Tgt Ion:252 Resp: 345320

Ion Ratio Lower Upper

252 100

253 22.2 17.2 25.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 41.840 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF142882.D

Acq: 27 Jun 2025 09:51

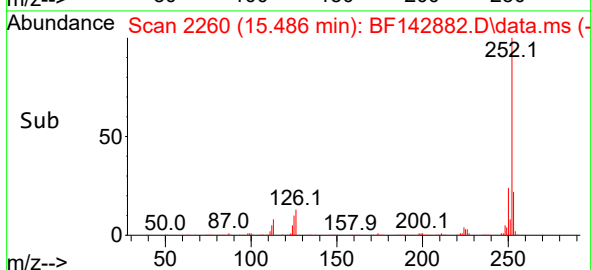
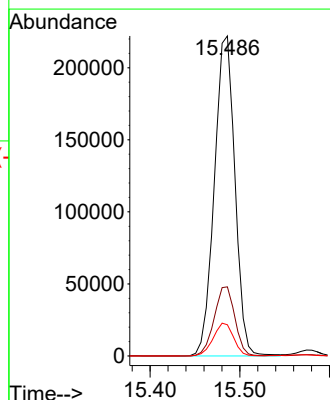
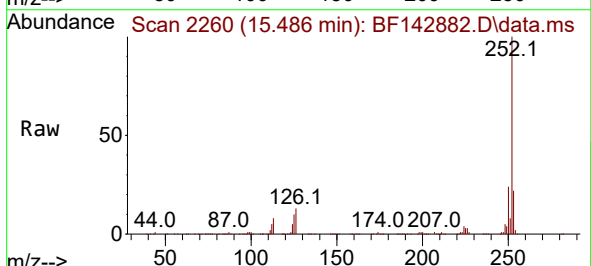
Tgt Ion:252 Resp: 353665

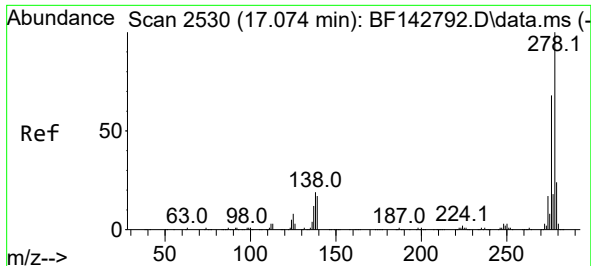
Ion Ratio Lower Upper

252 100

253 21.6 17.5 26.3

125 9.8 8.6 12.8

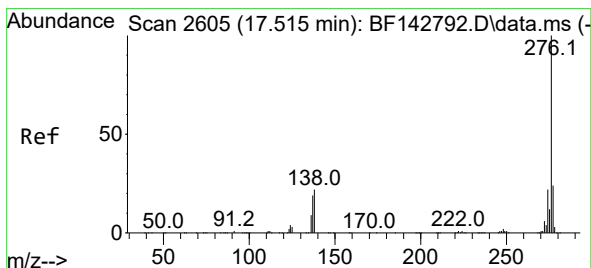
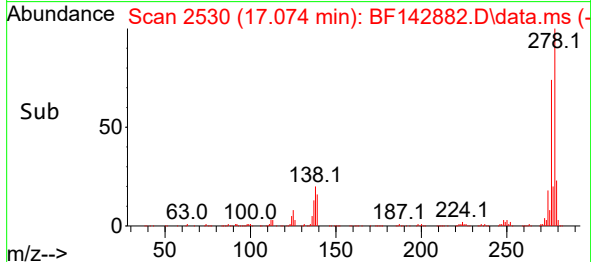
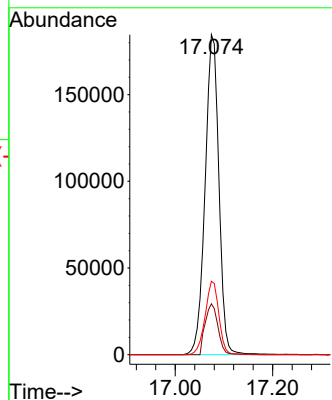
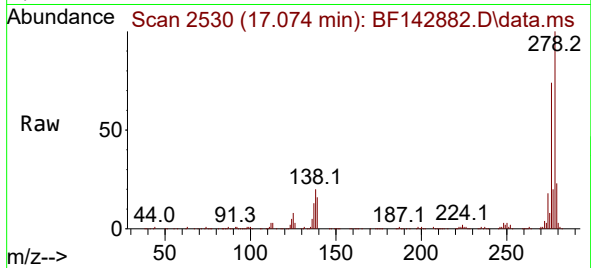




#91
Dibenzo(a,h)anthracene
Concen: 38.714 ng
RT: 17.074 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 362287
Ion Ratio Lower Upper
278 100
139 15.9 13.5 20.3
279 23.0 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.341 ng
RT: 17.521 min Scan# 2606
Delta R.T. 0.006 min
Lab File: BF142882.D
Acq: 27 Jun 2025 09:51

Tgt Ion:276 Resp: 357781
Ion Ratio Lower Upper
276 100
277 24.0 18.8 28.2
138 20.2 17.6 26.4

