

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142384.D
 Acq On : 15 May 2025 10:08
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: May 15 10:43:10 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF050525.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 05 18:41:44 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	167469	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	652293	20.000	ng	0.00
39) Acenaphthene-d10	9.945	164	352544	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	609842	20.000	ng	0.00
76) Chrysene-d12	14.068	240	307770	20.000	ng	0.00
86) Perylene-d12	15.556	264	334801	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	793699	80.905	ng	0.00
7) Phenol-d6	6.528	99	973163	80.654	ng	0.00
23) Nitrobenzene-d5	7.469	82	945883	88.437	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	321545	94.468	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	1880482	76.057	ng	0.00
79) Terphenyl-d14	13.015	244	1718750	82.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.681	88	165382	37.436	ng	98
3) Pyridine	3.445	79	423152	40.797	ng	99
4) n-Nitrosodimethylamine	3.398	42	227064	37.667	ng	97
6) Aniline	6.563	93	627828	53.049	ng	100
8) 2-Chlorophenol	6.686	128	449181	42.847	ng	98
9) Benzaldehyde	6.451	77	264659	37.477	ng	99
10) Phenol	6.539	94	564949	44.171	ng	97
11) bis(2-Chloroethyl)ether	6.639	93	403831	32.018	ng	97
12) 1,3-Dichlorobenzene	6.845	146	477678	39.828	ng	99
13) 1,4-Dichlorobenzene	6.922	146	479424	39.812	ng	99
14) 1,2-Dichlorobenzene	7.075	146	459174	39.725	ng	99
15) Benzyl Alcohol	7.039	79	350796	44.898	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	699875	37.159	ng	100
17) 2-Methylphenol	7.151	107	341529	40.240	ng	100
18) Hexachloroethane	7.416	117	166684	41.602	ng	99
19) n-Nitroso-di-n-propyla...	7.316	70	297251	39.827	ng	98
20) 3+4-Methylphenols	7.304	107	428978	40.498	ng	96
22) Acetophenone	7.316	105	563832	38.876	ng	99
24) Nitrobenzene	7.486	77	428681	42.519	ng	96
25) Isophorone	7.728	82	797707	39.386	ng	99
26) 2-Nitrophenol	7.798	139	234213	48.180	ng	98
27) 2,4-Dimethylphenol	7.833	122	413214	40.579	ng	100
28) bis(2-Chloroethoxy)met...	7.933	93	491833	37.765	ng	100
29) 2,4-Dichlorophenol	8.039	162	367794	42.484	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	397960	40.845	ng	99
31) Naphthalene	8.210	128	1241567	39.273	ng	100
32) Benzoic acid	7.945	122	262715	48.080	ng	98
33) 4-Chloroaniline	8.257	127	515092m	39.930	ng	
34) Hexachlorobutadiene	8.328	225	235169	40.762	ng	99
35) Caprolactam	8.622	113	110904	43.955	ng	96
36) 4-Chloro-3-methylphenol	8.727	107	388839	43.207	ng	98
37) 2-Methylnaphthalene	8.898	142	779778	39.695	ng	99
38) 1-Methylnaphthalene	8.998	142	807941	39.461	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	396248	40.244	ng	99
41) Hexachlorocyclopentadiene	9.051	237	275586	45.288	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	277366	44.660	ng	99

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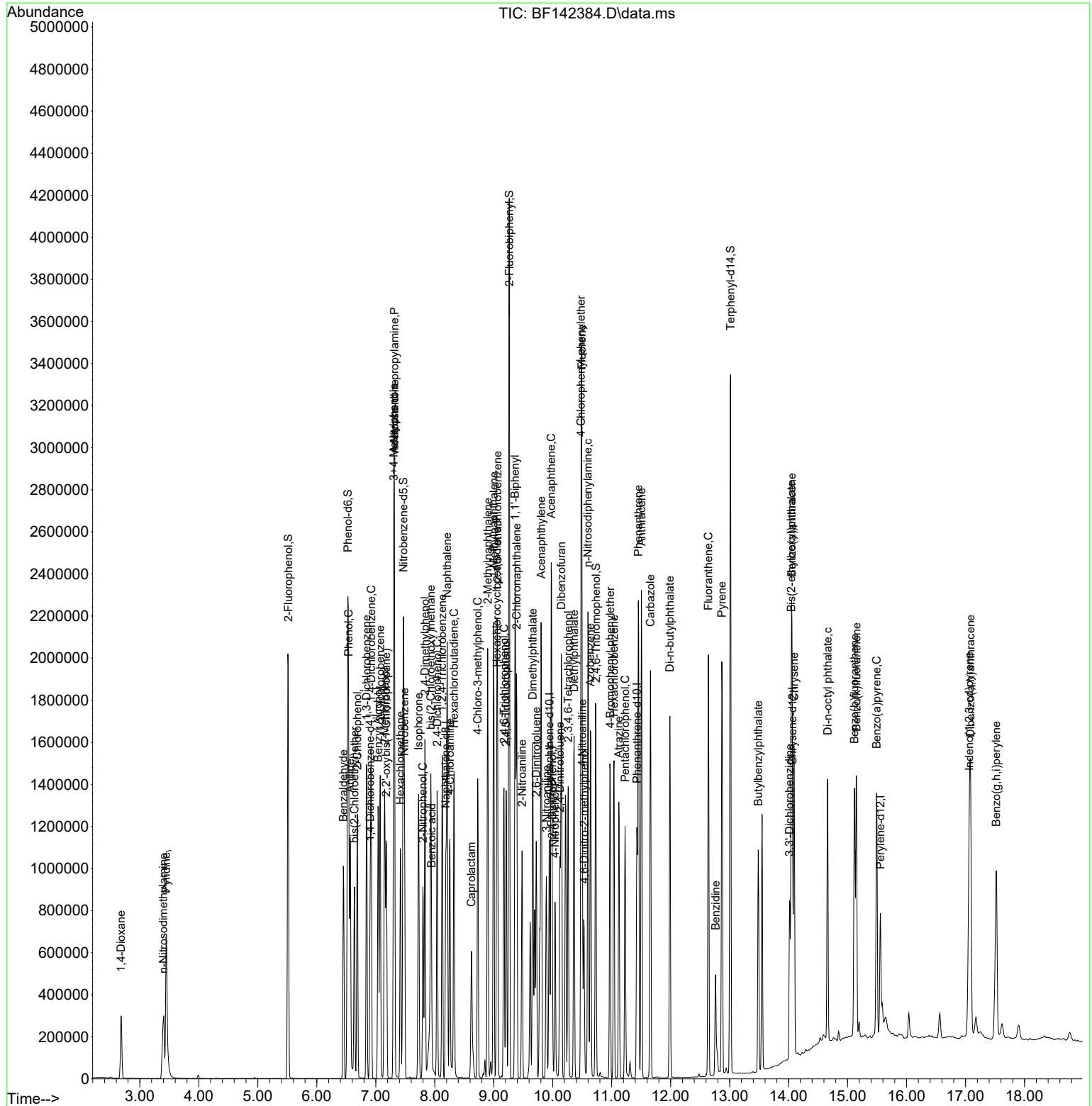
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	284606	43.069	ng	99
46) 1,1'-Biphenyl	9.363	154	1054716	39.019	ng	99
47) 2-Chloronaphthalene	9.386	162	793640	39.480	ng	99
48) 2-Nitroaniline	9.480	65	242020	46.970	ng	93
49) Acenaphthylene	9.804	152	1330203	39.556	ng	100
50) Dimethylphthalate	9.663	163	920024	40.641	ng	99
51) 2,6-Dinitrotoluene	9.722	165	202470	47.782	ng	92
52) Acenaphthene	9.974	154	823139	40.709	ng	100
53) 3-Nitroaniline	9.892	138	231519	46.586	ng	93
54) 2,4-Dinitrophenol	9.992	184	109406	52.287	ng	# 31
55) Dibenzofuran	10.145	168	1177533	39.460	ng	99
56) 4-Nitrophenol	10.039	139	190242	50.863	ng	98
57) 2,4-Dinitrotoluene	10.122	165	272568	50.147	ng	96
58) Fluorene	10.492	166	887188	38.957	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	246742	45.231	ng	98
60) Diethylphthalate	10.363	149	894154	39.551	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	442251	40.251	ng	99
62) 4-Nitroaniline	10.504	138	190827	48.448	ng	99
63) Azobenzene	10.639	77	829169	38.382	ng	100
65) 4,6-Dinitro-2-methylph...	10.533	198	143343	50.061	ng	92
66) n-Nitrosodiphenylamine	10.598	169	795348	39.193	ng	100
67) 4-Bromophenyl-phenylether	10.974	248	278763	40.333	ng	96
68) Hexachlorobenzene	11.039	284	308205	40.540	ng	96
69) Atrazine	11.121	200	220173	41.159	ng	100
70) Pentachlorophenol	11.227	266	196607	49.158	ng	98
71) Phenanthrene	11.451	178	1232846	38.567	ng	100
72) Anthracene	11.504	178	1276652	38.868	ng	100
73) Carbazole	11.657	167	1120621	38.029	ng	99
74) Di-n-butylphthalate	11.986	149	1222117	39.441	ng	100
75) Fluoranthene	12.639	202	1178524	36.881	ng	99
77) Benzidine	12.763	184	338767	60.569	ng	98
78) Pyrene	12.868	202	1163491	42.472	ng	99
80) Butylbenzylphthalate	13.486	149	341169	43.080	ng	98
81) Benzo(a)anthracene	14.057	228	787940	39.532	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	250112	53.961	ng	98
83) Chrysene	14.092	228	718046	38.699	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	466640	45.102	ng	99
85) Di-n-octyl phthalate	14.662	149	874781	46.831	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	977143	41.956	ng	99
88) Benzo(b)fluoranthene	15.115	252	790611	38.990	ng	99
89) Benzo(k)fluoranthene	15.151	252	705674	38.028	ng	100
90) Benzo(a)pyrene	15.492	252	744294	40.961	ng	100
91) Dibenzo(a,h)anthracene	17.086	278	791409	41.131	ng	98
92) Benzo(g,h,i)perylene	17.521	276	776651	40.669	ng	97

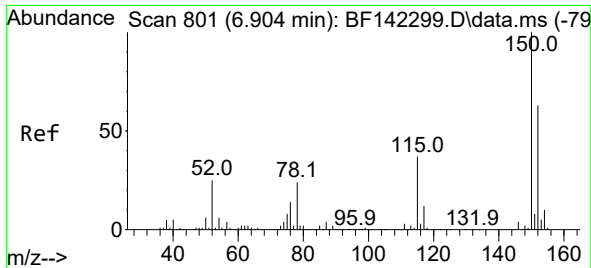
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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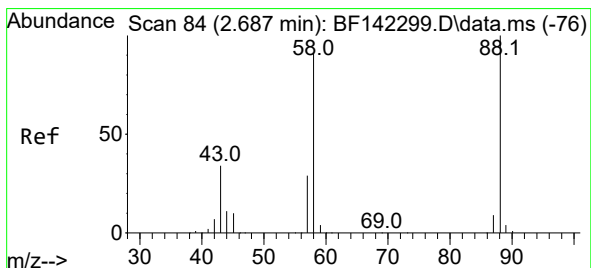
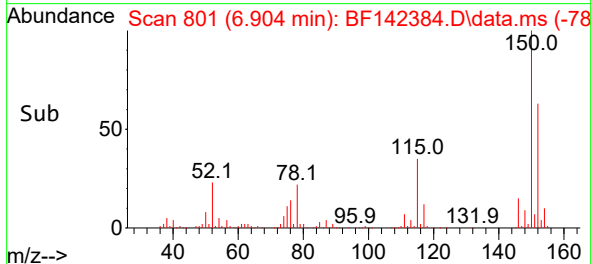
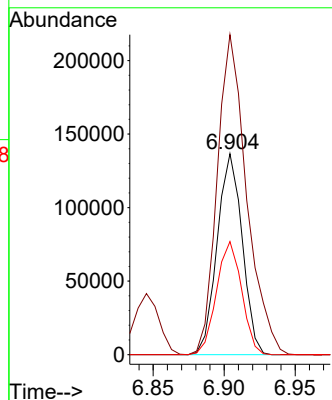
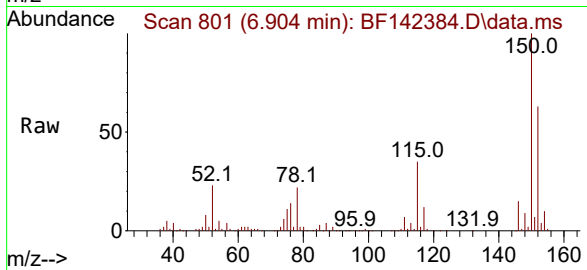




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 80
 Delta R.T. 0.000 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

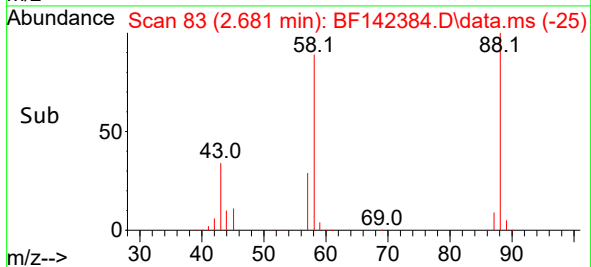
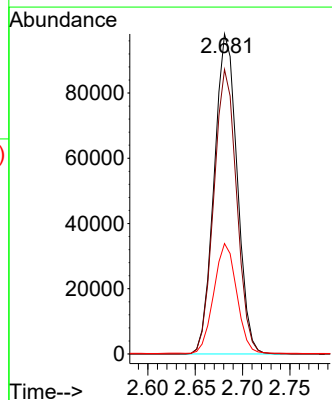
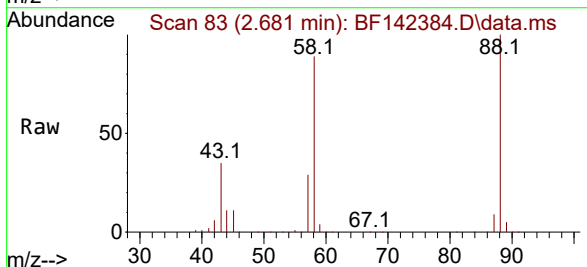
Instrument :
 BNA_F
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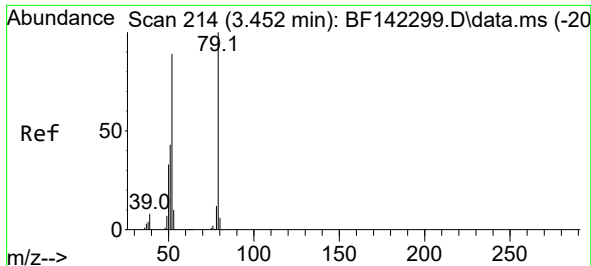
Tgt Ion:152 Resp: 167469
 Ion Ratio Lower Upper
 152 100
 150 159.2 126.6 190.0
 115 56.3 47.3 70.9



#2
 1,4-Dioxane
 Concen: 37.436 ng
 RT: 2.681 min Scan# 83
 Delta R.T. -0.006 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

Tgt Ion: 88 Resp: 165382
 Ion Ratio Lower Upper
 88 100
 58 88.3 73.0 109.4
 43 34.2 27.8 41.6

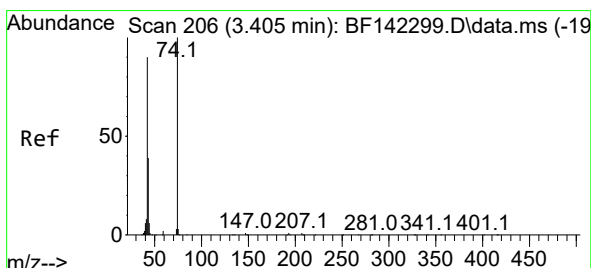
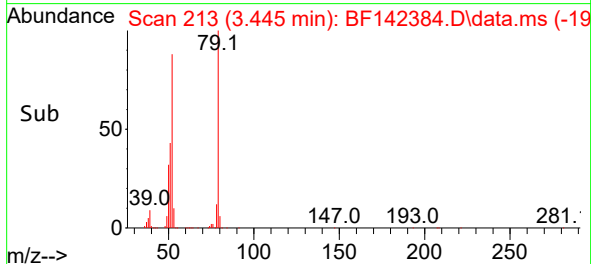
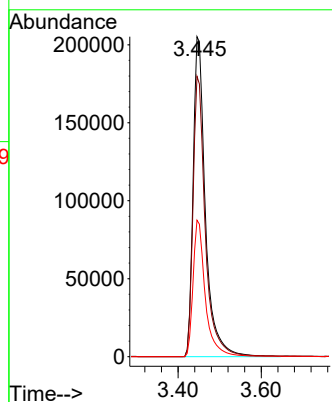
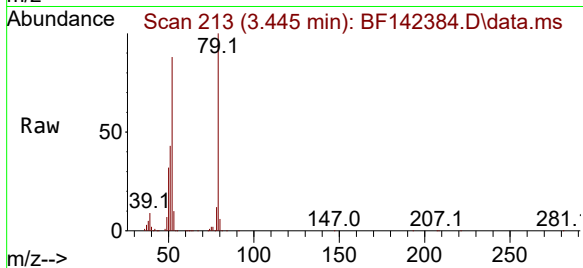




#3
Pyridine
Concen: 40.797 ng
RT: 3.445 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

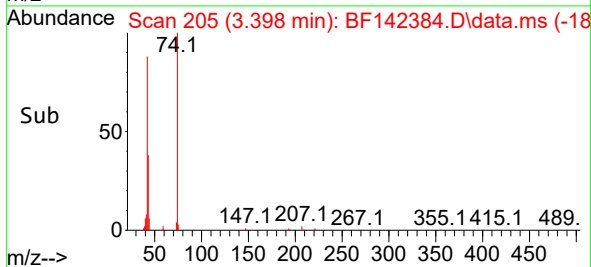
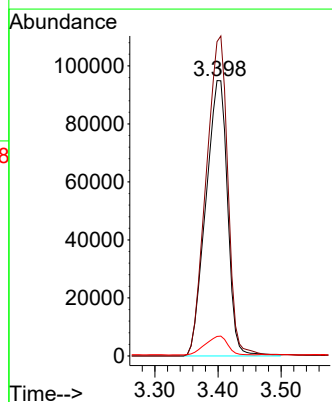
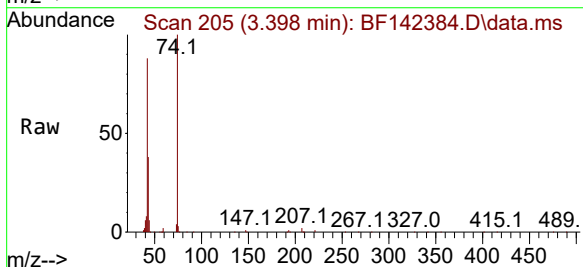
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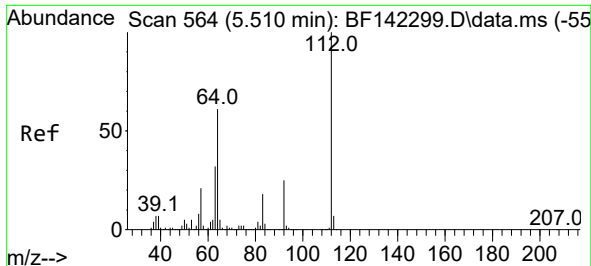
Tgt Ion: 79 Resp: 423152
Ion Ratio Lower Upper
79 100
52 87.6 71.0 106.4
51 42.7 34.9 52.3



#4
n-Nitrosodimethylamine
Concen: 37.667 ng
RT: 3.398 min Scan# 205
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 42 Resp: 227064
Ion Ratio Lower Upper
42 100
74 114.1 88.5 132.7
44 7.1 5.8 8.8

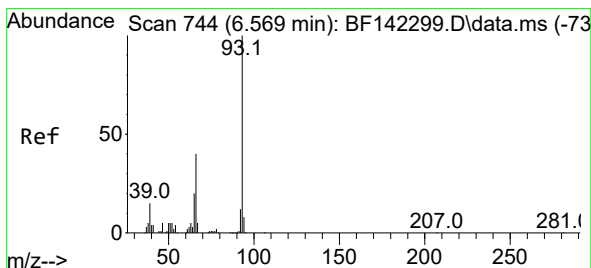
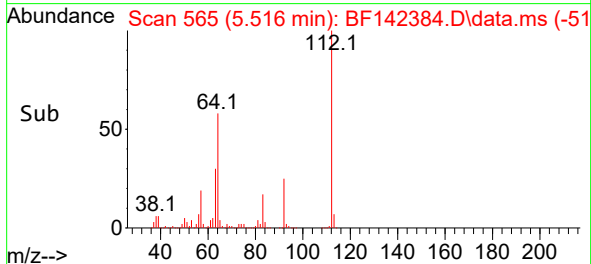
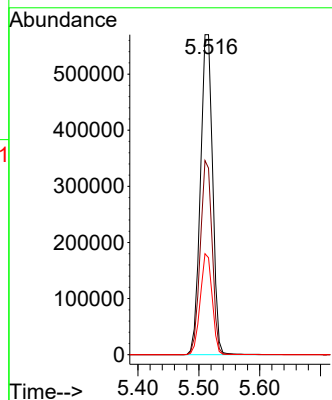
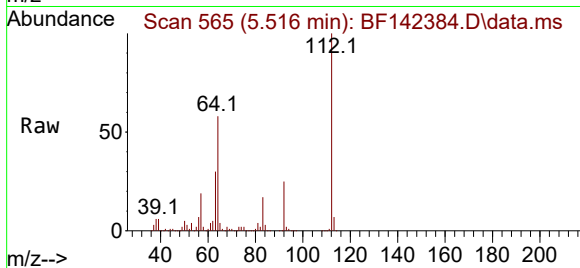




#5
2-Fluorophenol
Concen: 80.905 ng
RT: 5.516 min Scan# 511
Delta R.T. 0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

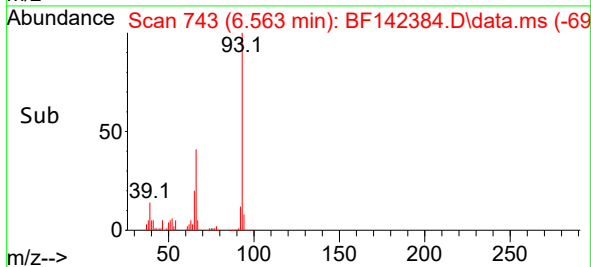
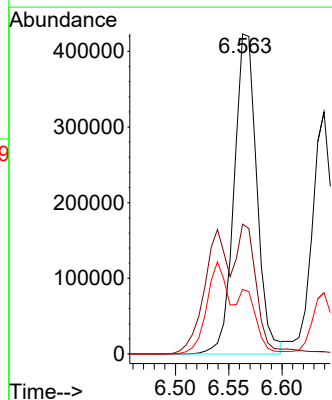
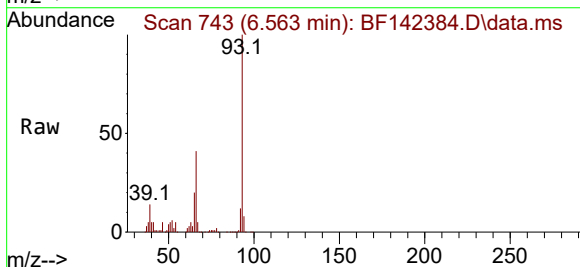
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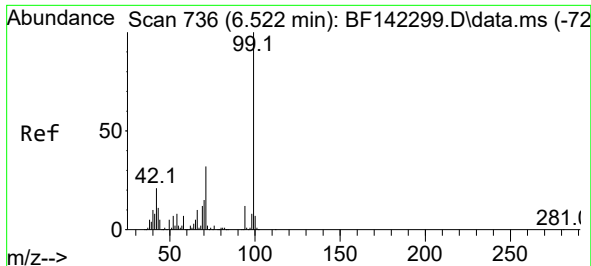
Tgt Ion:112 Resp: 793699
Ion Ratio Lower Upper
112 100
64 58.3 48.9 73.3
63 30.3 25.6 38.4



#6
Aniline
Concen: 53.049 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 93 Resp: 627828
Ion Ratio Lower Upper
93 100
66 40.5 32.2 48.4
65 20.1 16.3 24.5





#7

Phenol-d6

Concen: 80.654 ng

RT: 6.528 min Scan# 736

Delta R.T. 0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

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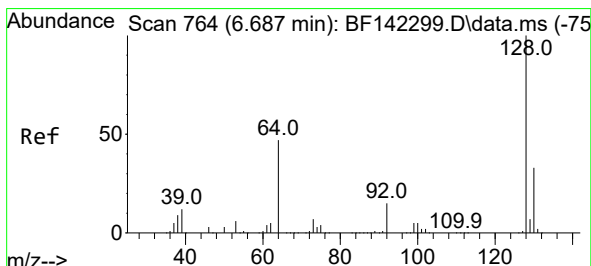
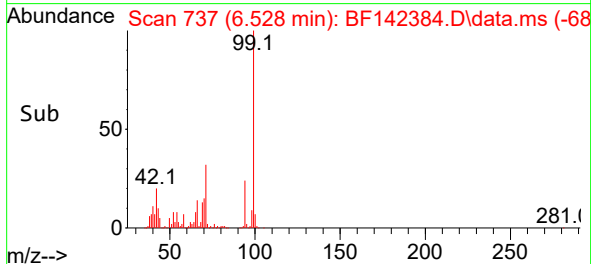
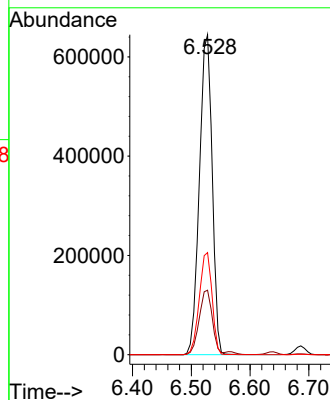
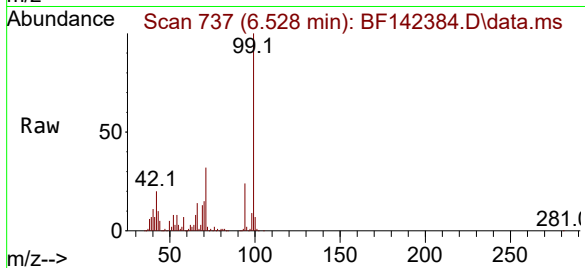
Tgt Ion: 99 Resp: 973163

Ion Ratio Lower Upper

99 100

42 20.1 17.0 25.4

71 31.9 25.8 38.8



#8

2-Chlorophenol

Concen: 42.847 ng

RT: 6.686 min Scan# 764

Delta R.T. -0.000 min

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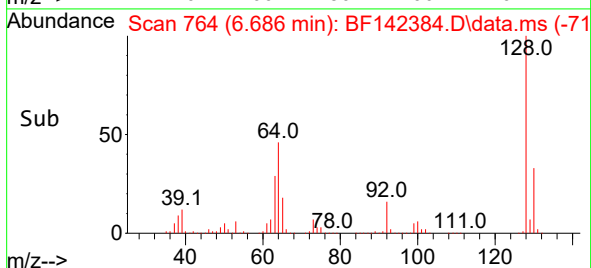
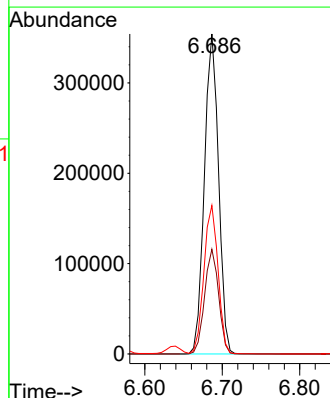
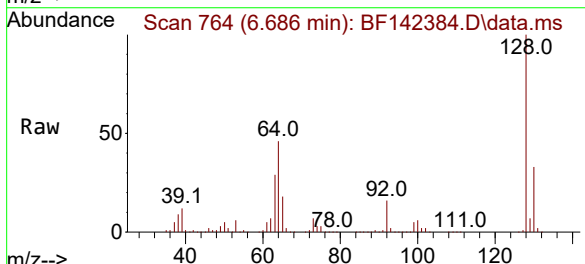
Tgt Ion:128 Resp: 449181

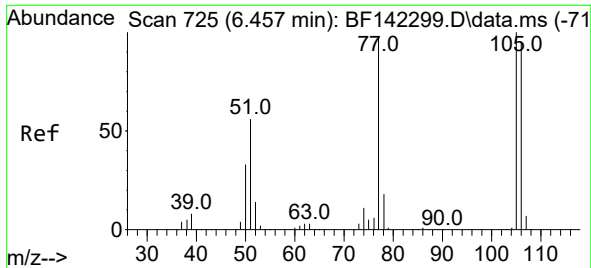
Ion Ratio Lower Upper

128 100

130 32.7 12.7 52.7

64 46.4 29.2 69.2





#9

Benzaldehyde

Concen: 37.477 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

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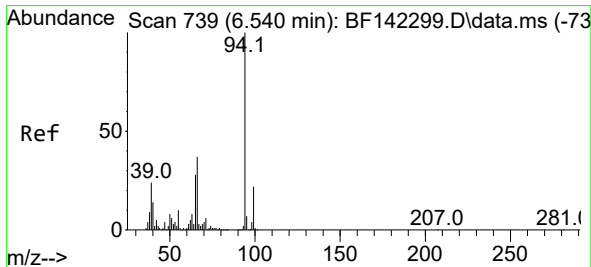
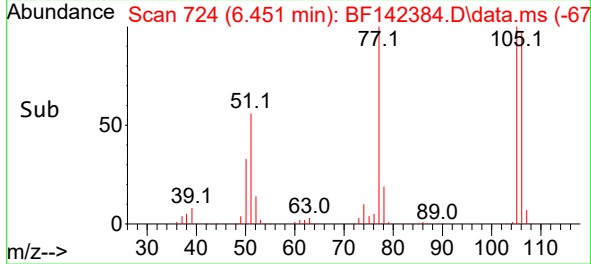
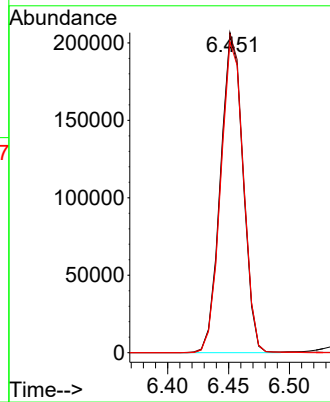
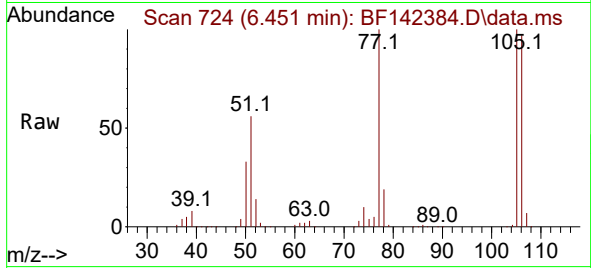
Tgt Ion: 77 Resp: 264659

Ion Ratio Lower Upper

77 100

105 99.6 82.0 122.0

106 97.1 77.2 117.2



#10

Phenol

Concen: 44.171 ng

RT: 6.539 min Scan# 739

Delta R.T. -0.000 min

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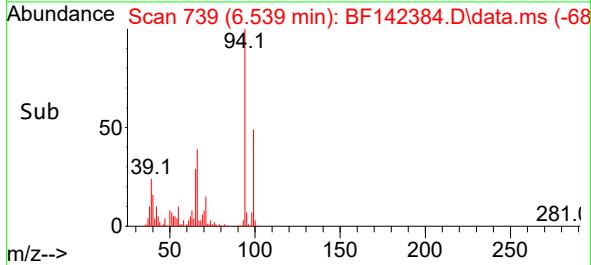
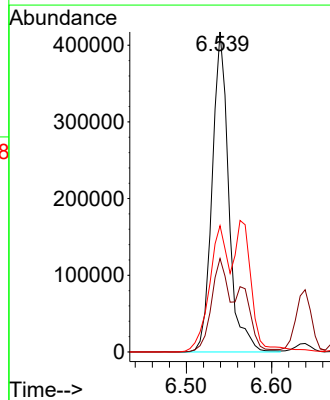
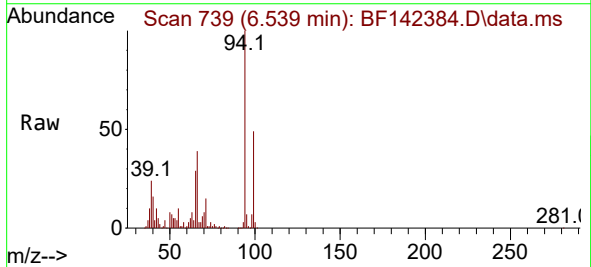
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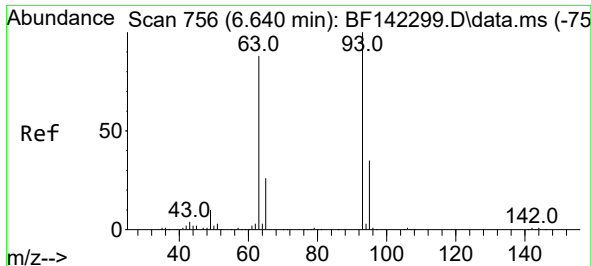
Ion Ratio Lower Upper

94 100

65 29.2 8.5 48.5

66 39.5 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 32.018 ng

RT: 6.639 min Scan# 756

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

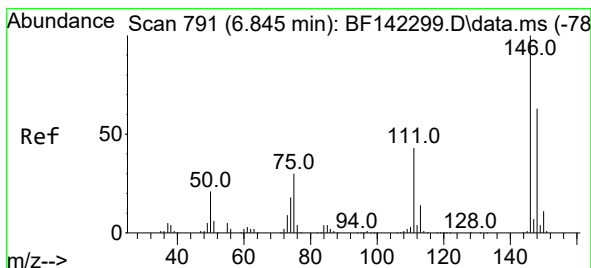
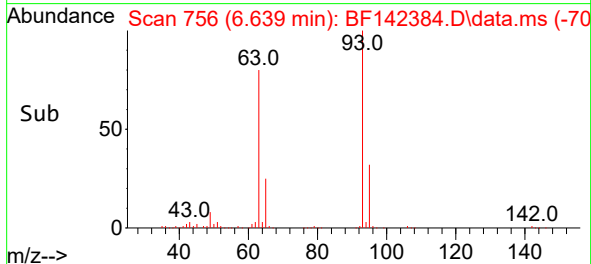
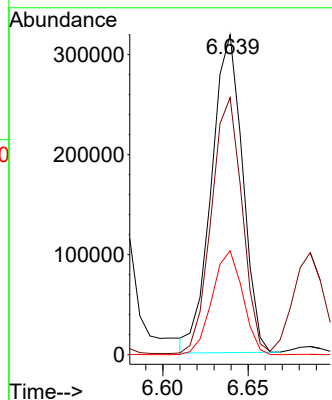
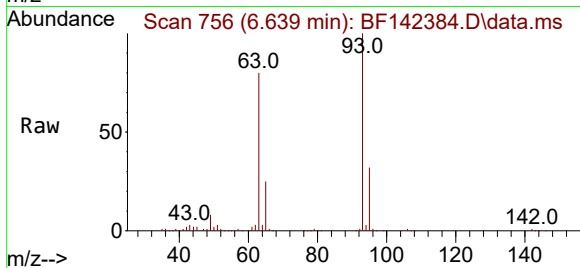
Tgt Ion: 93 Resp: 403831

Ion Ratio Lower Upper

93 100

63 80.3 58.4 98.4

95 32.5 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 39.828 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

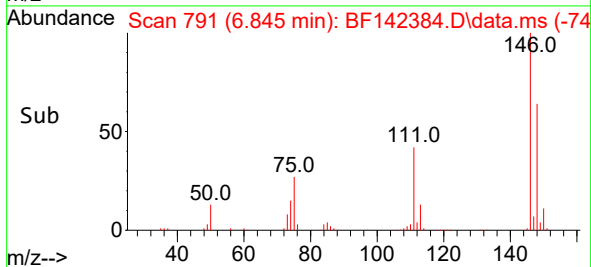
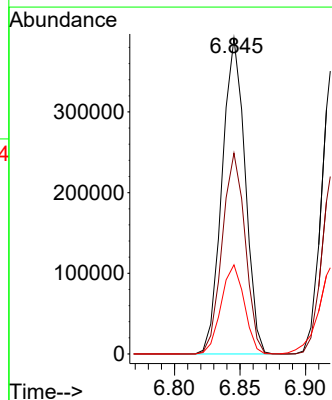
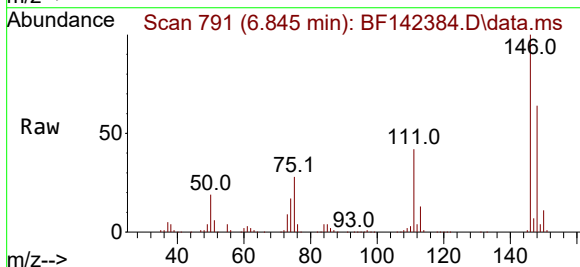
Tgt Ion:146 Resp: 477678

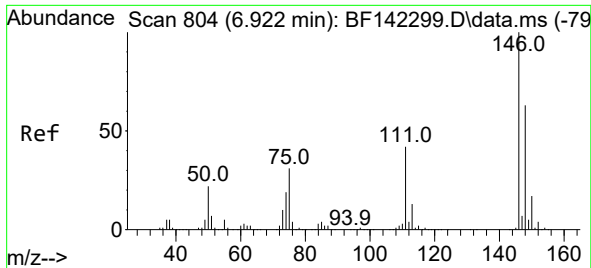
Ion Ratio Lower Upper

146 100

148 63.6 50.6 76.0

75 28.2 24.2 36.4





#13

1,4-Dichlorobenzene

Concen: 39.812 ng

RT: 6.922 min Scan# 804

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

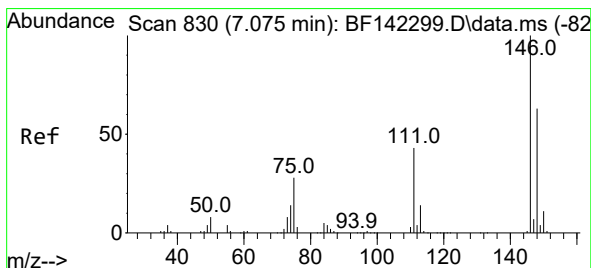
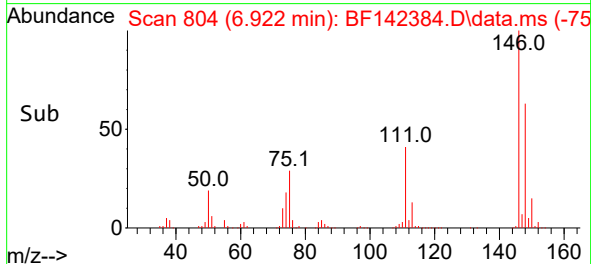
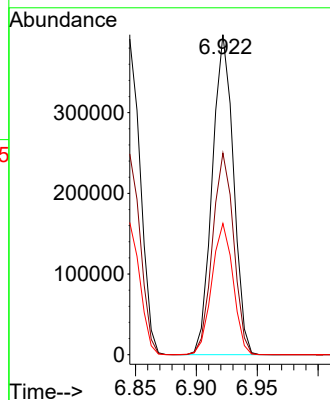
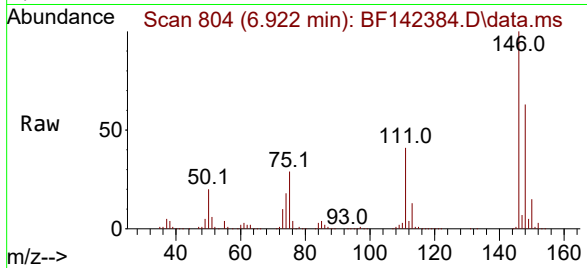
Tgt Ion:146 Resp: 479424

Ion Ratio Lower Upper

146 100

148 63.0 50.5 75.7

111 41.0 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 39.725 ng

RT: 7.075 min Scan# 830

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

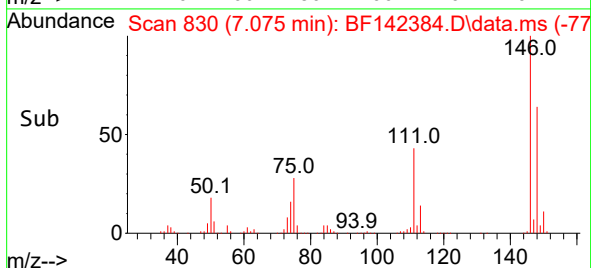
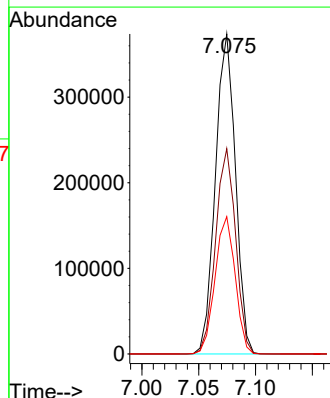
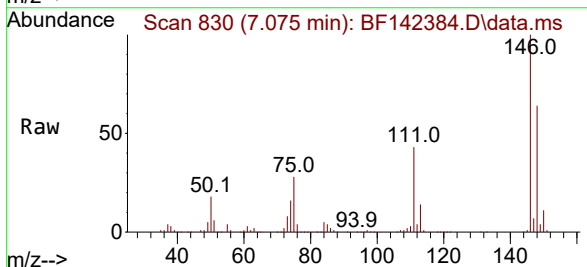
Tgt Ion:146 Resp: 459174

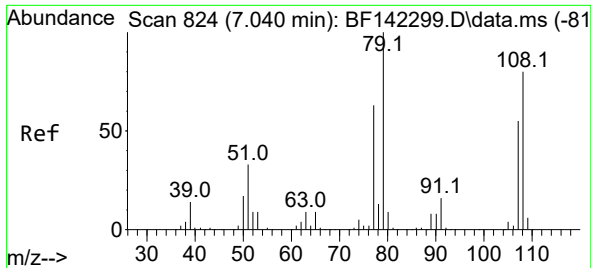
Ion Ratio Lower Upper

146 100

148 64.1 50.3 75.5

111 42.9 34.5 51.7

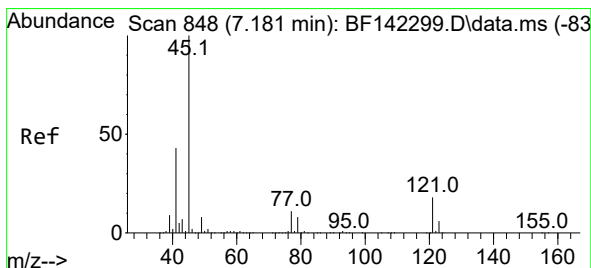
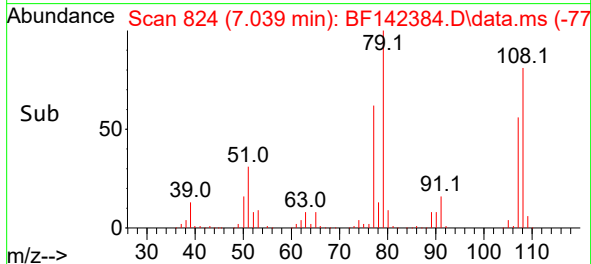
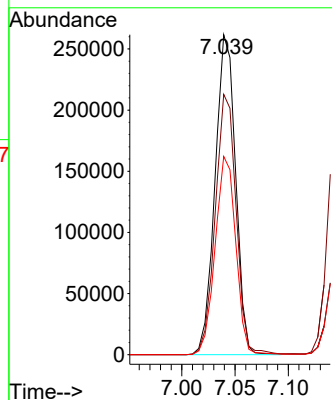
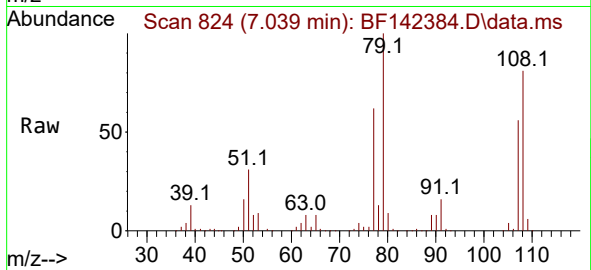




#15
Benzyl Alcohol
Concen: 44.898 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

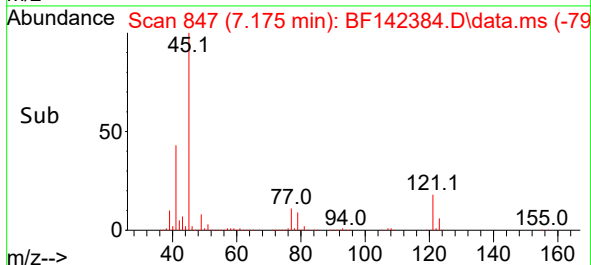
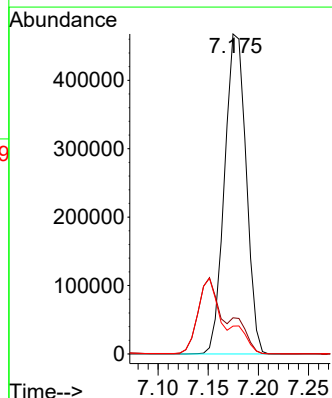
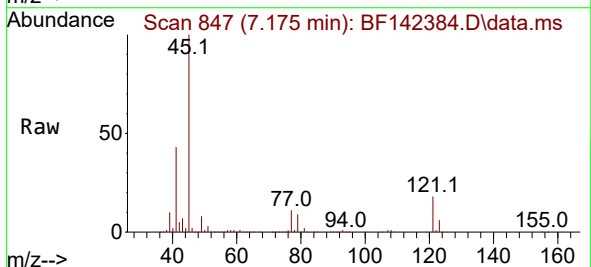
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

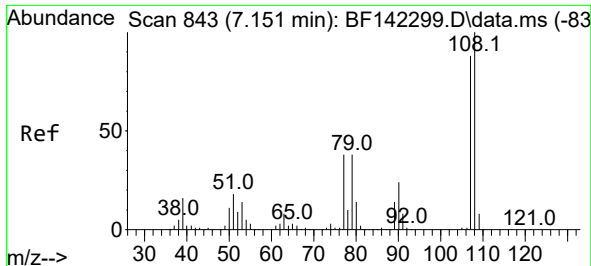
Tgt Ion: 79 Resp: 350796
Ion Ratio Lower Upper
79 100
108 81.3 63.9 95.9
77 61.9 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.159 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 45 Resp: 699875
Ion Ratio Lower Upper
45 100
77 11.3 0.0 31.2
79 8.7 0.0 28.5

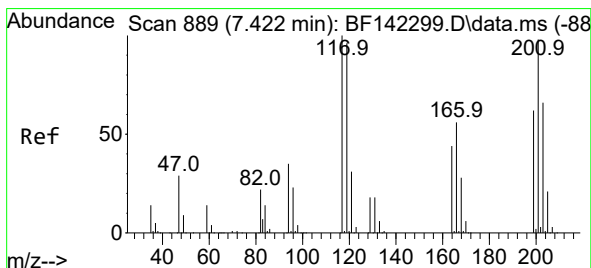
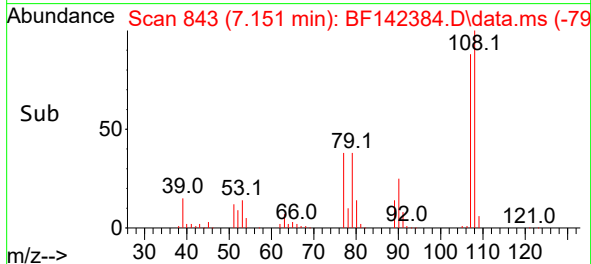
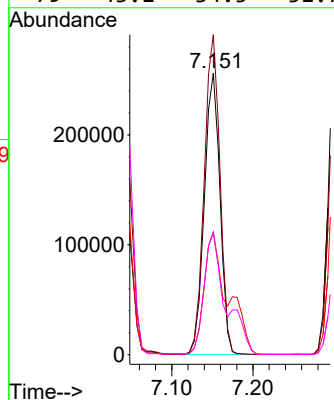
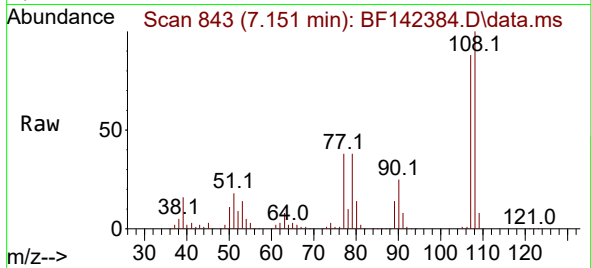




#17
2-Methylphenol
Concen: 40.240 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

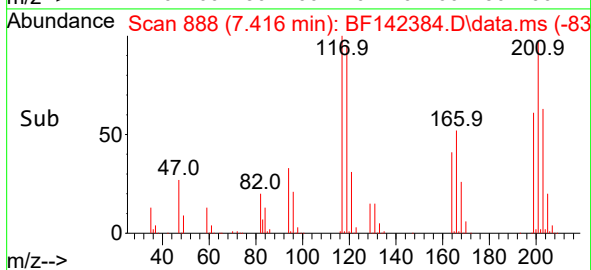
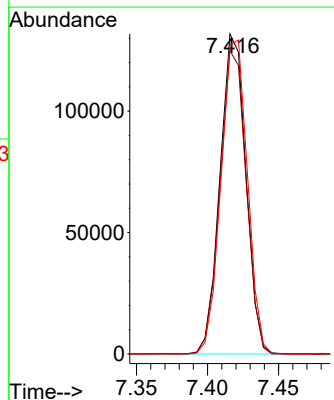
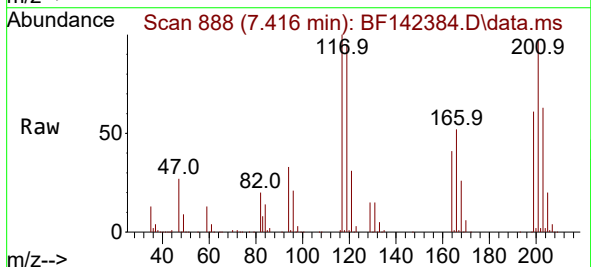
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

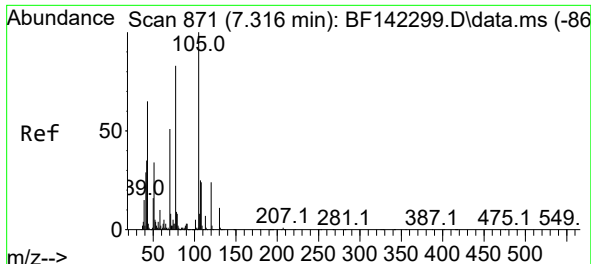
Tgt Ion:107 Resp: 341529
Ion Ratio Lower Upper
107 100
108 113.7 91.1 136.7
77 43.6 34.7 52.1
79 43.1 34.5 51.7



#18
Hexachloroethane
Concen: 41.602 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:117 Resp: 166684
Ion Ratio Lower Upper
117 100
119 94.8 76.9 115.3
201 96.6 78.0 117.0

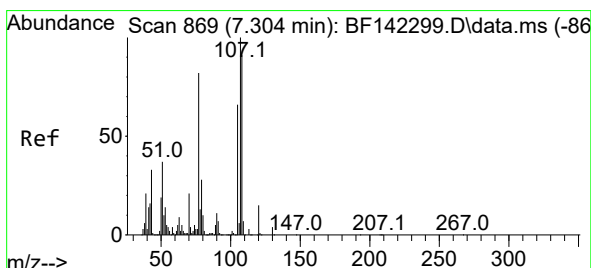
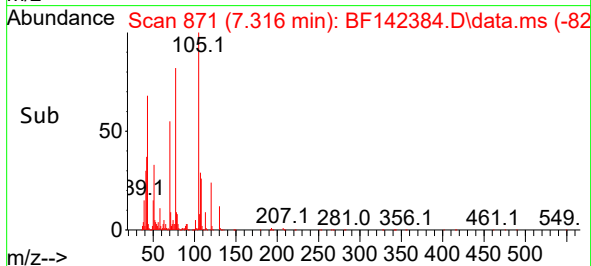
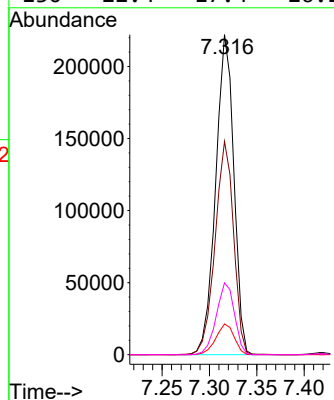
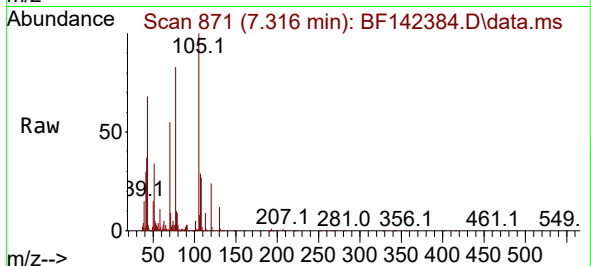




#19
n-Nitroso-di-n-propylamine
Concen: 39.827 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

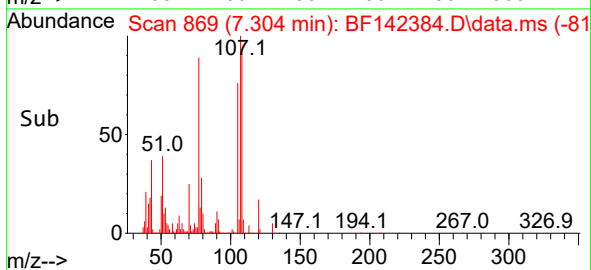
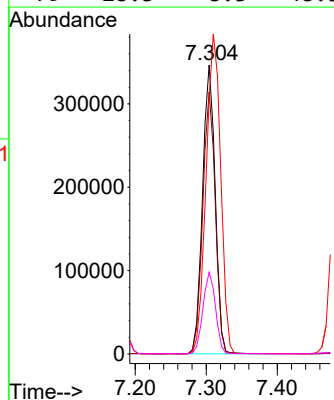
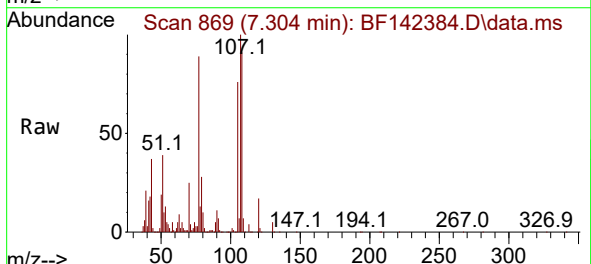
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

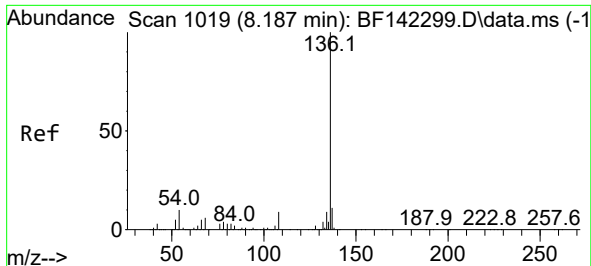
Tgt Ion: 70 Resp: 297251
Ion Ratio Lower Upper
70 100
42 66.6 54.8 82.2
101 9.6 7.7 11.5
130 22.4 17.4 26.2



#20
3+4-Methylphenols
Concen: 40.498 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 107 Resp: 428978
Ion Ratio Lower Upper
107 100
108 90.7 71.5 111.5
77 88.9 61.6 101.6
79 28.3 8.3 48.3

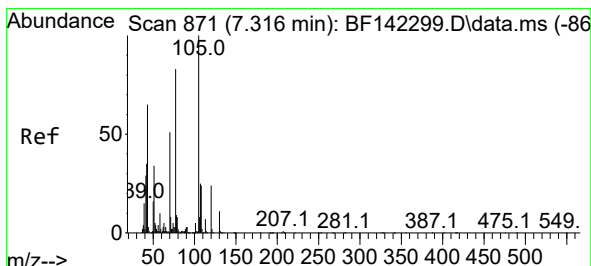
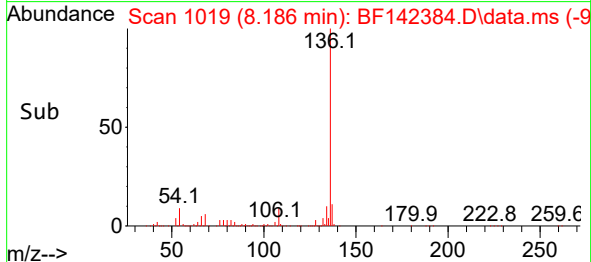
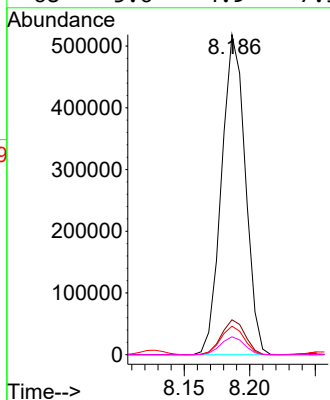
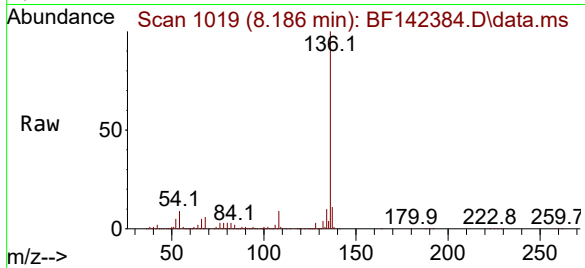




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

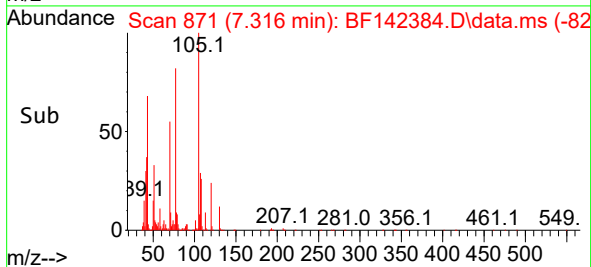
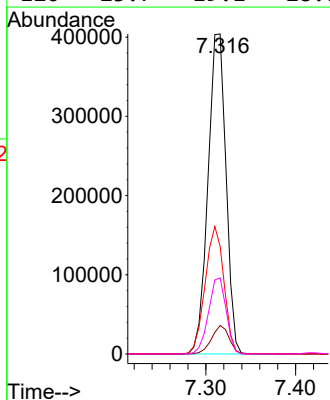
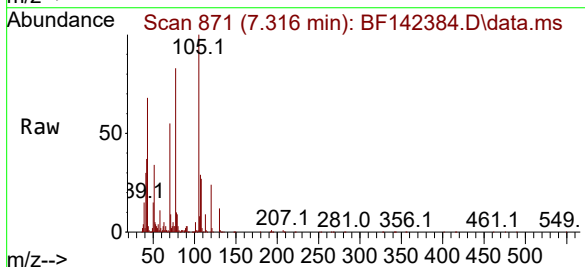
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

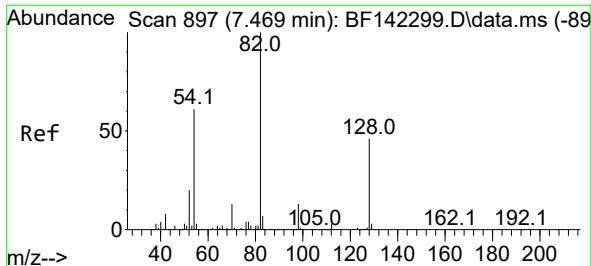
Tgt Ion:	136	Resp:	652293
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	8.9	7.7	11.5
68	5.6	4.9	7.3



#22
Acetophenone
Concen: 38.876 ng
RT: 7.316 min Scan# 871
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:	105	Resp:	563832
Ion	Ratio	Lower	Upper
105	100		
71	8.9	6.7	10.1
51	33.7	27.6	41.4
120	23.7	19.1	28.7





#23

Nitrobenzene-d5

Concen: 88.437 ng

RT: 7.469 min Scan# 89

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

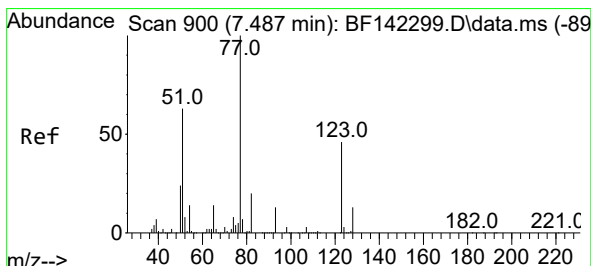
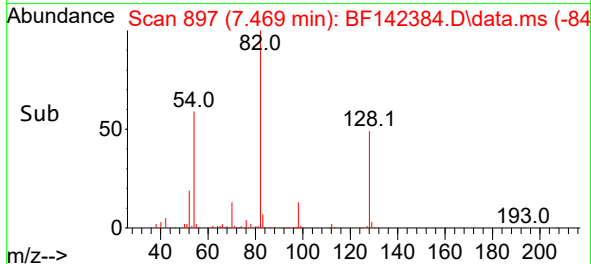
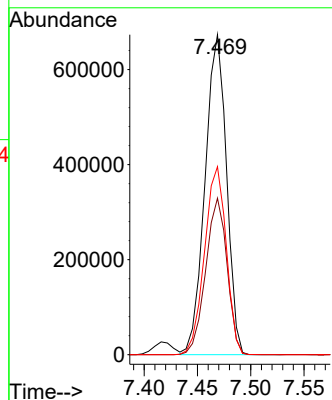
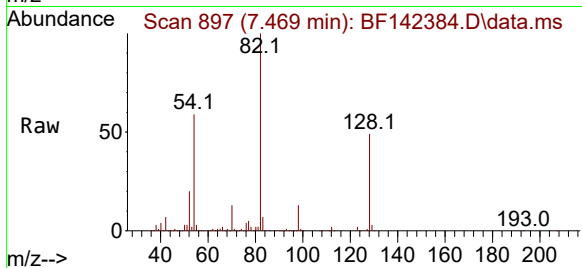
Tgt Ion: 82 Resp: 945883

Ion Ratio Lower Upper

82 100

128 48.9 37.0 55.6

54 58.8 48.6 73.0



#24

Nitrobenzene

Concen: 42.519 ng

RT: 7.486 min Scan# 900

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

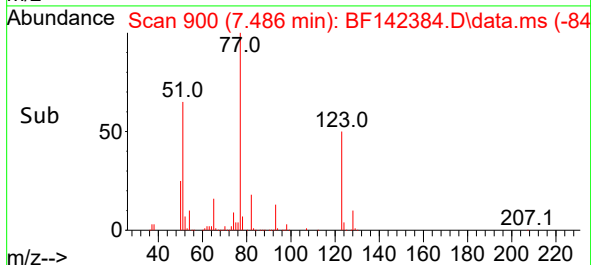
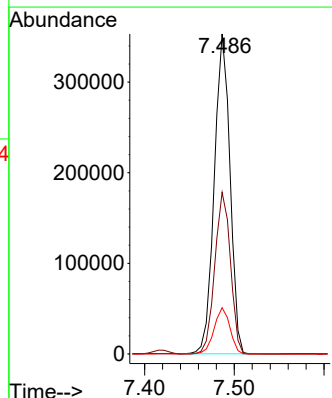
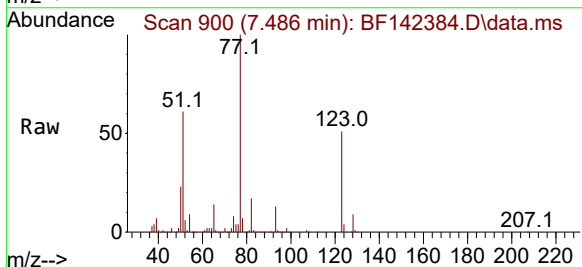
Tgt Ion: 77 Resp: 428681

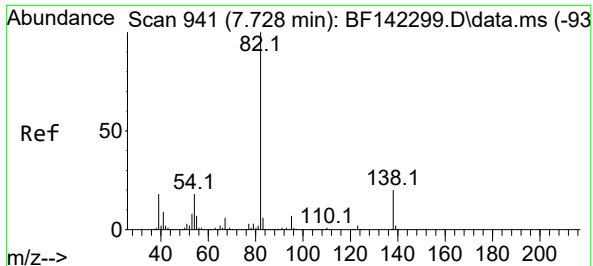
Ion Ratio Lower Upper

77 100

123 50.5 37.8 56.8

65 14.4 11.4 17.0

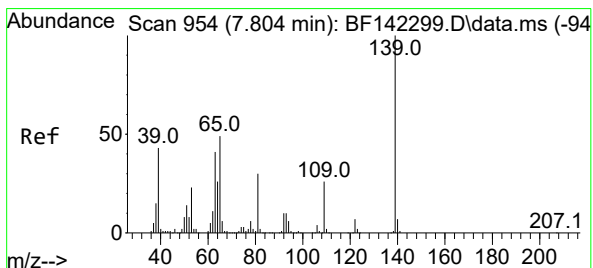
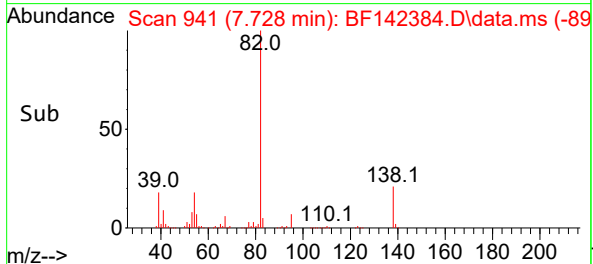
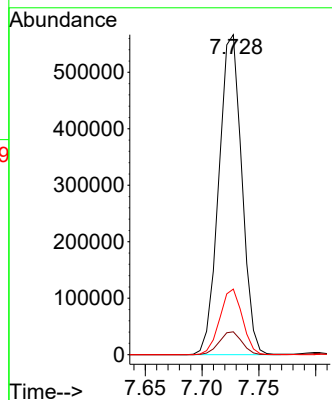
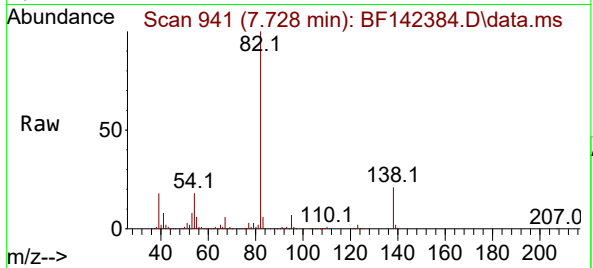




#25
Isophorone
Concen: 39.386 ng
RT: 7.728 min Scan# 941
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

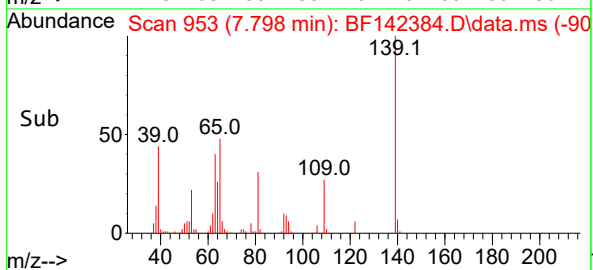
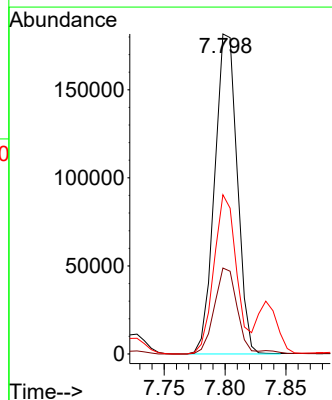
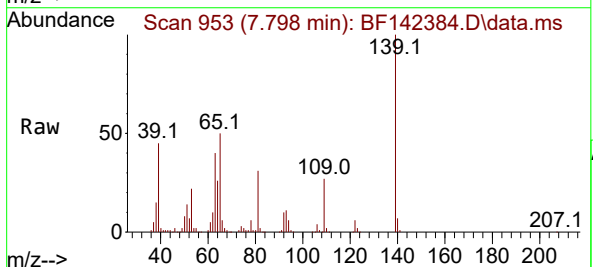
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

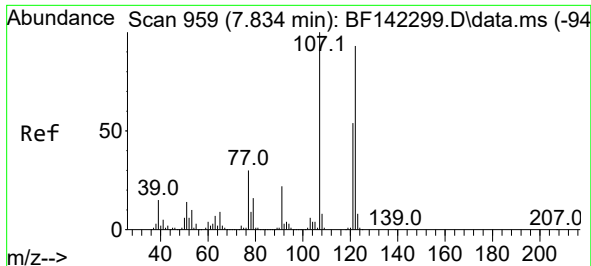
Tgt Ion: 82 Resp: 797707
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 20.5 16.1 24.1



#26
2-Nitrophenol
Concen: 48.180 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion: 139 Resp: 234213
Ion Ratio Lower Upper
139 100
109 26.8 20.8 31.2
65 49.7 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 40.579 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

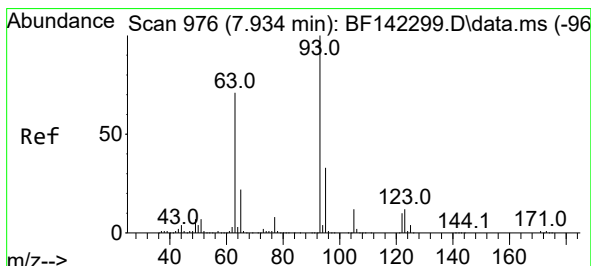
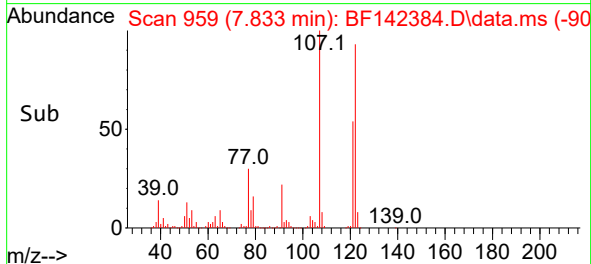
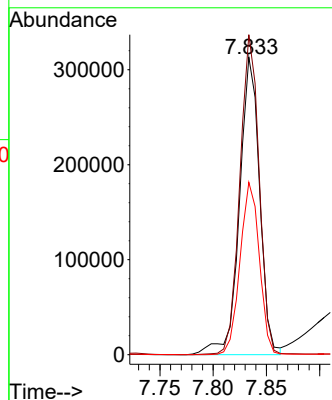
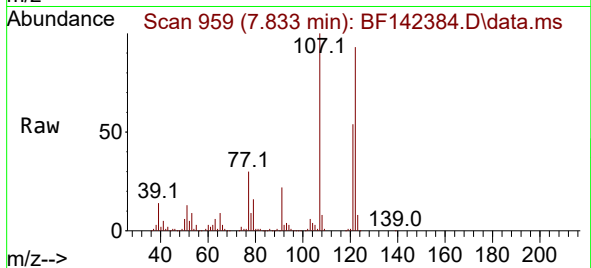
Tgt Ion:122 Resp: 413214

Ion Ratio Lower Upper

122 100

107 107.6 86.0 129.0

121 58.0 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 37.765 ng

RT: 7.933 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

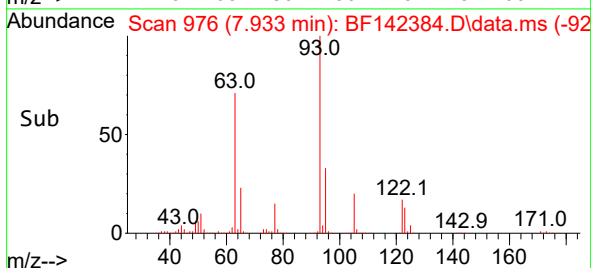
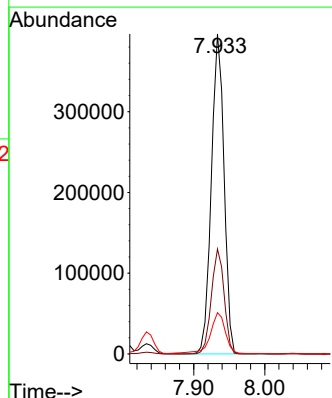
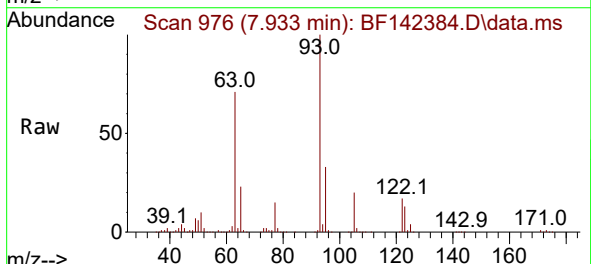
Tgt Ion: 93 Resp: 491833

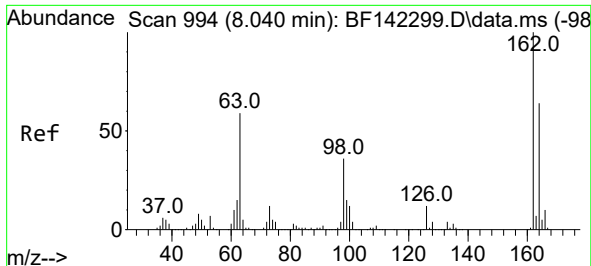
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 12.9 10.2 15.4

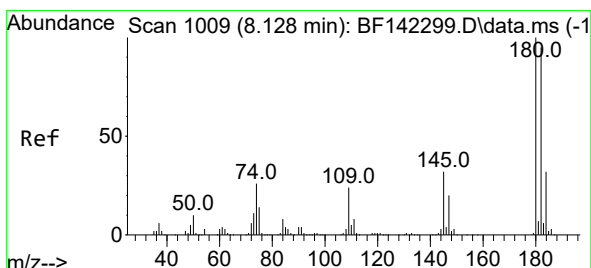
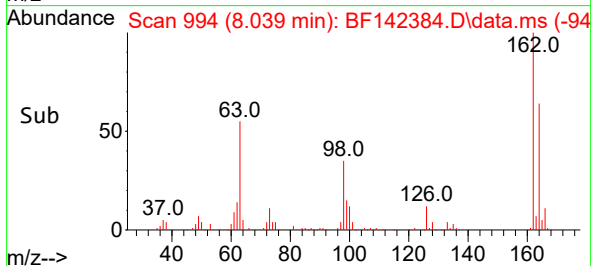
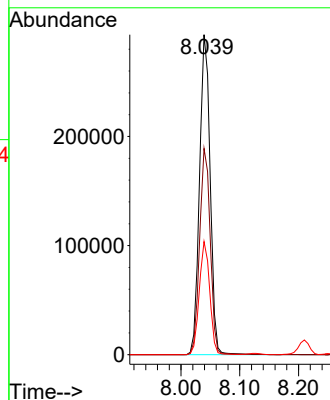
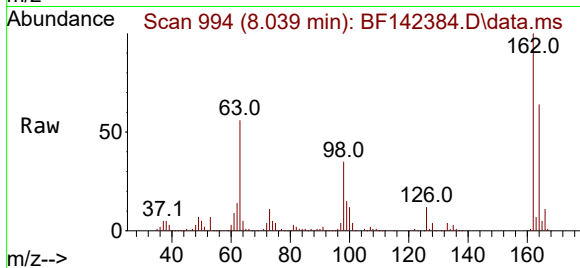




#29
2,4-Dichlorophenol
Concen: 42.484 ng
RT: 8.039 min Scan# 994
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

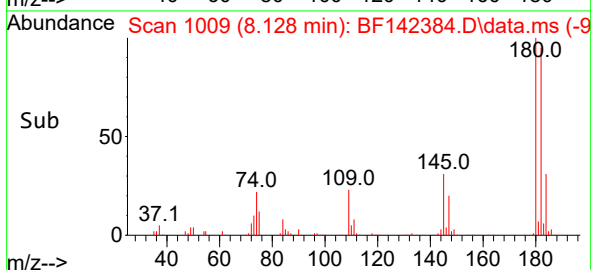
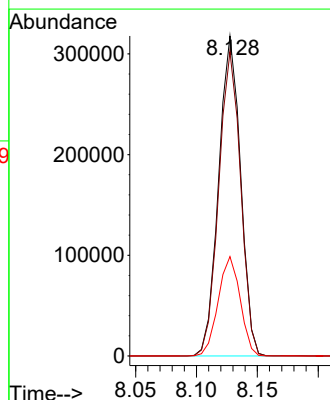
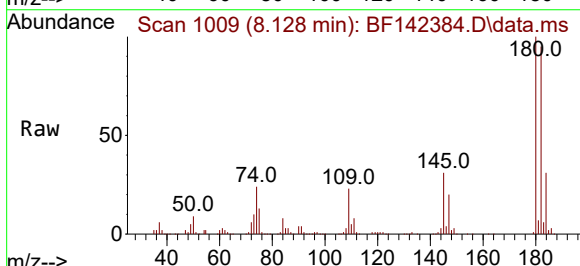
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

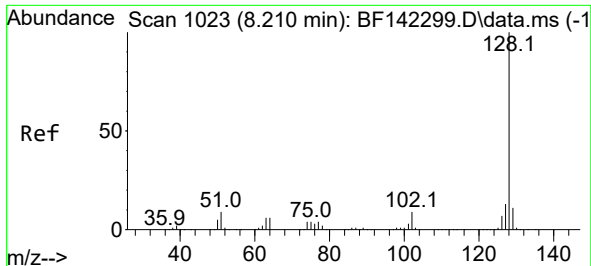
Tgt Ion:162 Resp: 367794
Ion Ratio Lower Upper
162 100
164 64.5 43.6 83.6
98 35.3 16.5 56.5



#30
1,2,4-Trichlorobenzene
Concen: 40.845 ng
RT: 8.128 min Scan# 1009
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:180 Resp: 397960
Ion Ratio Lower Upper
180 100
182 95.0 76.2 114.4
145 31.1 25.8 38.6

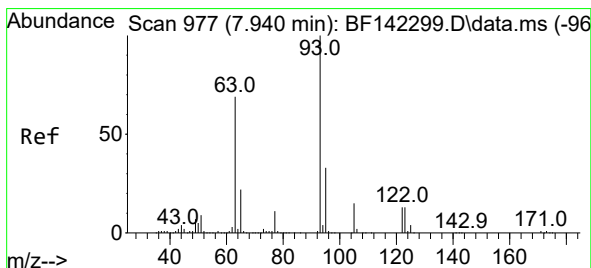
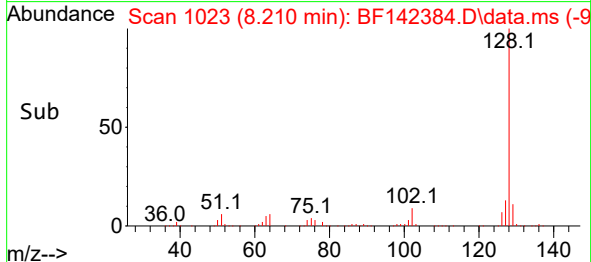
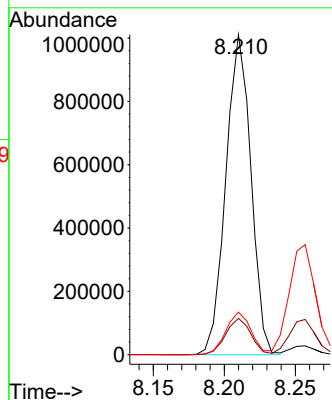
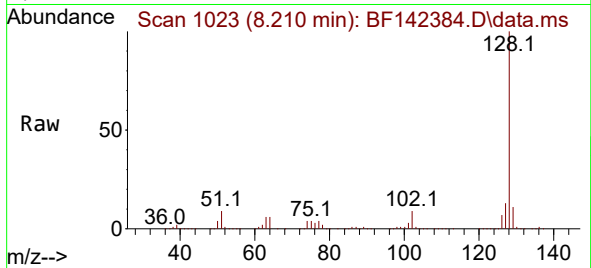




#31
Naphthalene
Concen: 39.273 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

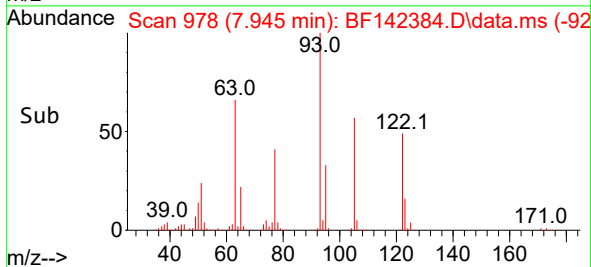
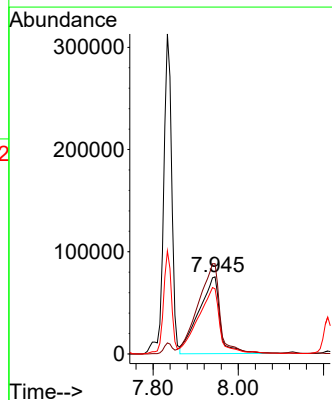
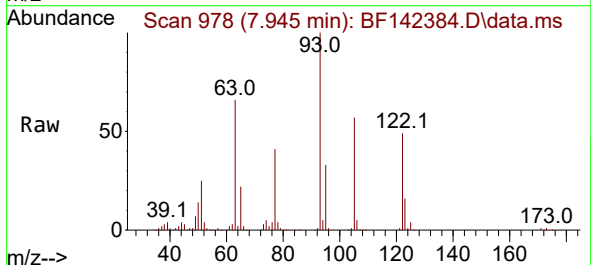
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

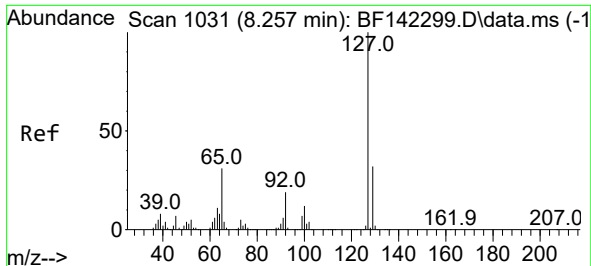
Tgt Ion:128 Resp: 1241567
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 48.080 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:122 Resp: 262715
Ion Ratio Lower Upper
122 100
105 117.0 97.9 137.9
77 84.4 67.7 107.7

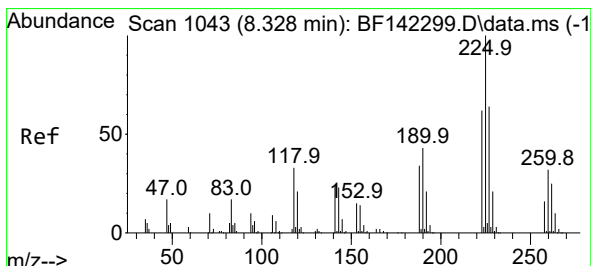
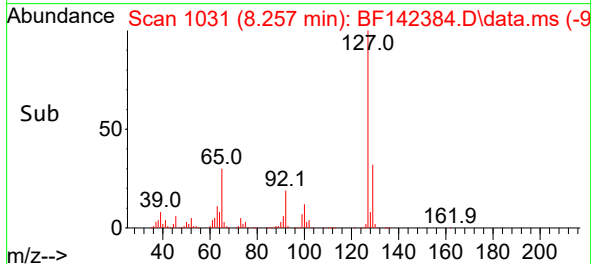
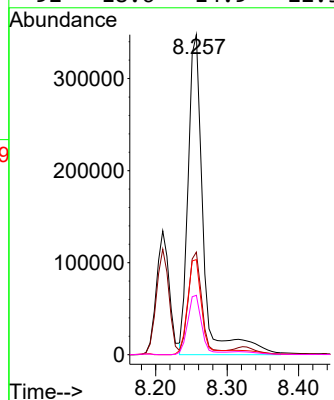
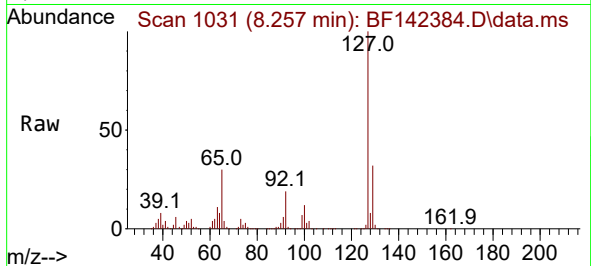




#33
4-Chloroaniline
Concen: 39.930 ng m
RT: 8.257 min Scan# 1031
Delta R.T. -0.010 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

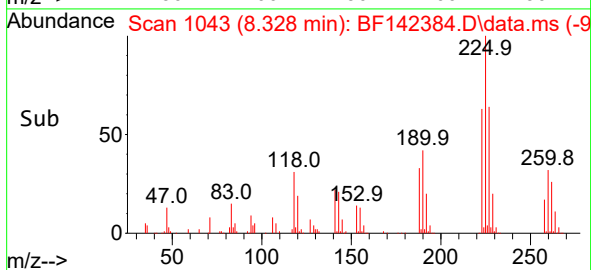
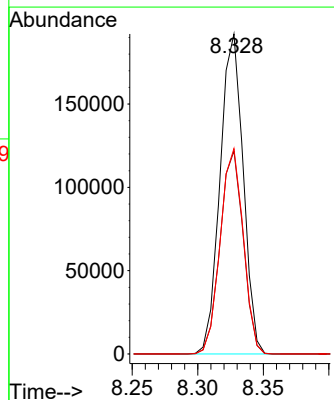
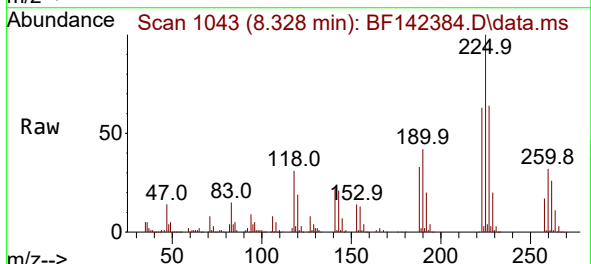
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

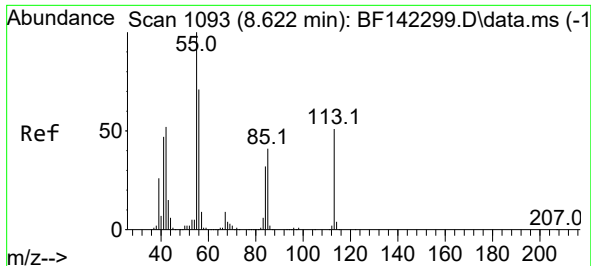
Tgt Ion:	127	Resp:	515092
Ion Ratio	Lower	Upper	
127	100		
129	32.0	25.7	38.5
65	29.7	24.9	37.3
92	18.6	14.9	22.3



#34
Hexachlorobutadiene
Concen: 40.762 ng
RT: 8.328 min Scan# 1043
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:	225	Resp:	235169
Ion Ratio	Lower	Upper	
225	100		
223	63.4	49.8	74.6
227	64.2	50.9	76.3

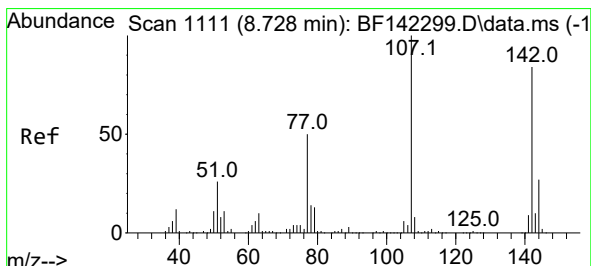
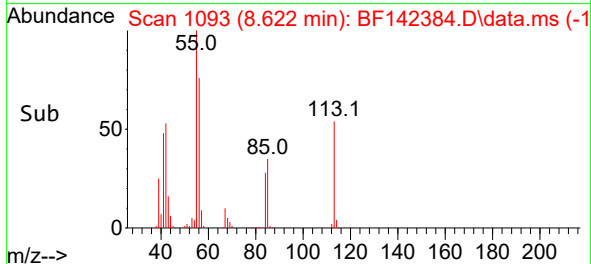
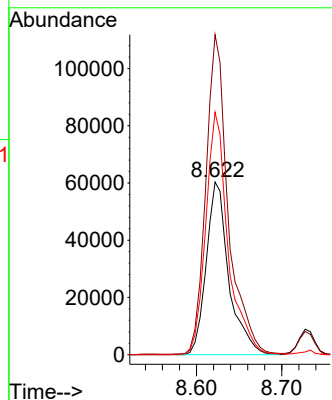
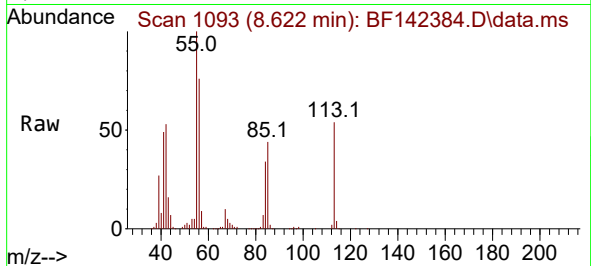




#35
 Caprolactam
 Concen: 43.955 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.000 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

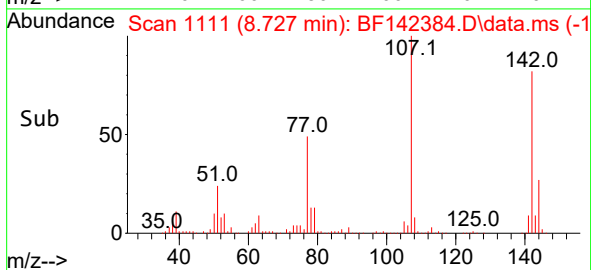
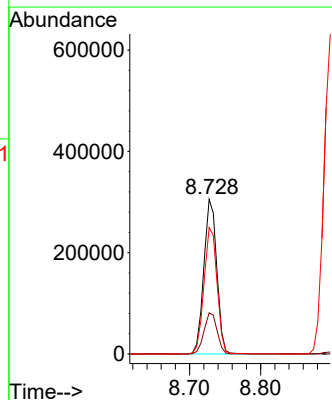
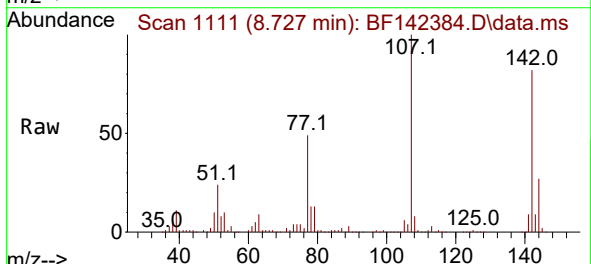
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

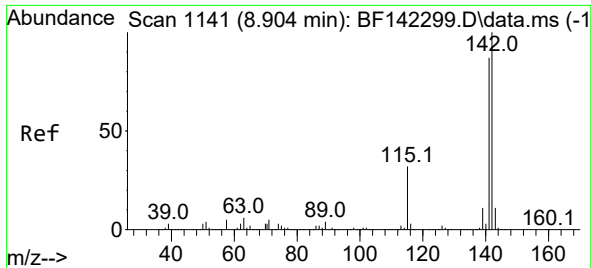
Tgt Ion:113 Resp: 110904
 Ion Ratio Lower Upper
 113 100
 55 185.4 176.4 216.4
 56 140.4 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 43.207 ng
 RT: 8.727 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

Tgt Ion:107 Resp: 388839
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.3 31.9
 142 81.8 66.9 100.3

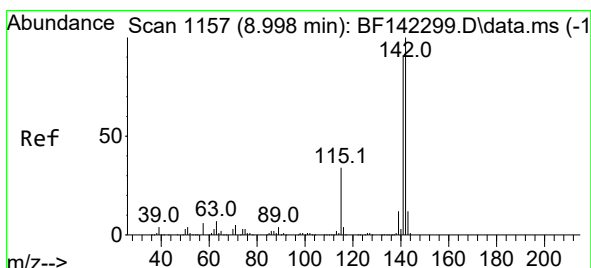
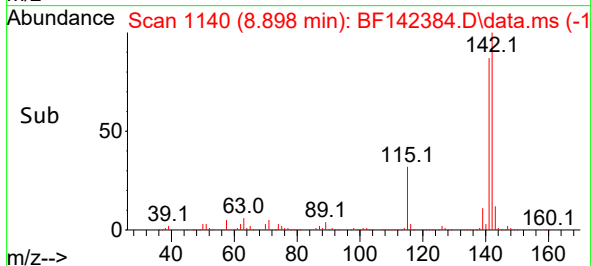
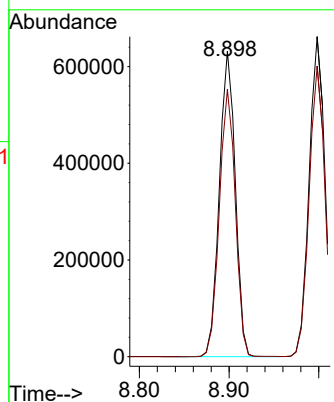
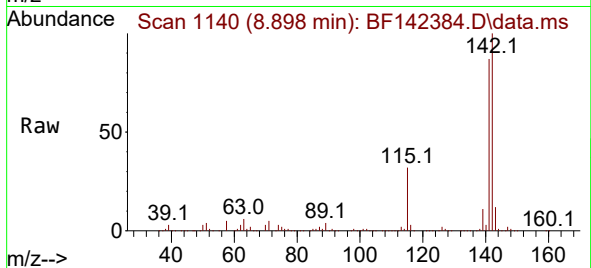




#37
2-Methylnaphthalene
Concen: 39.695 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

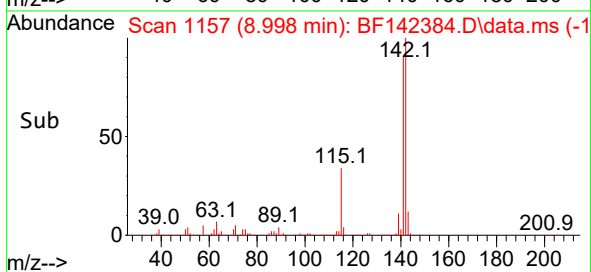
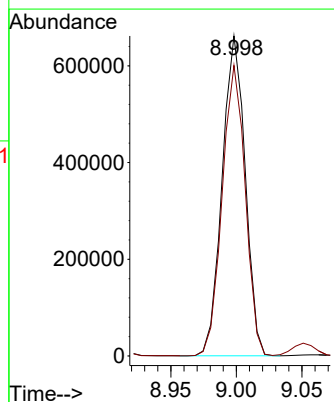
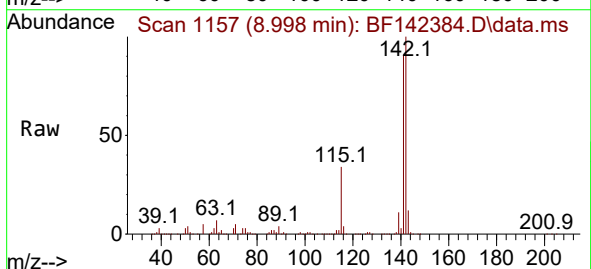
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

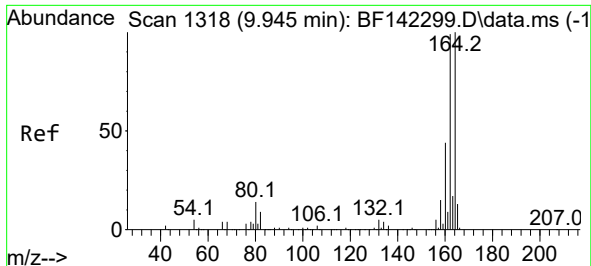
Tgt Ion:142 Resp: 779778
Ion Ratio Lower Upper
142 100
141 87.5 69.4 104.2



#38
1-Methylnaphthalene
Concen: 39.461 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:142 Resp: 807941
Ion Ratio Lower Upper
142 100
141 90.8 72.5 108.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.945 min Scan# 1168

Delta R.T. 0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

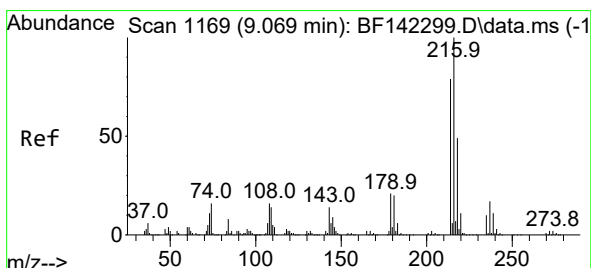
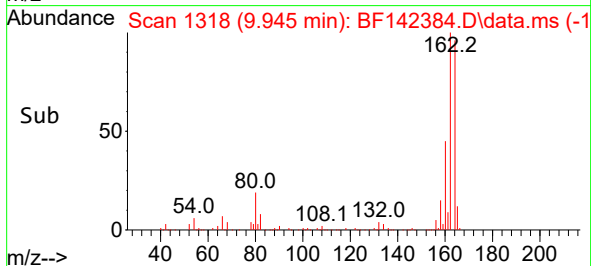
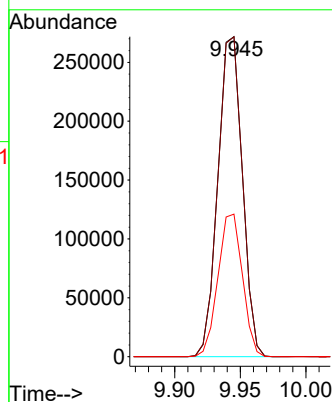
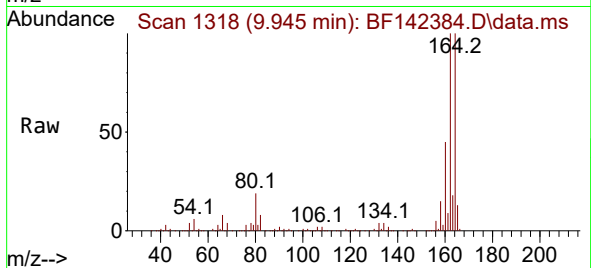
Tgt Ion:164 Resp: 352544

Ion Ratio Lower Upper

164 100

162 100.0 79.2 118.8

160 44.6 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.244 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Tgt Ion:216 Resp: 396248

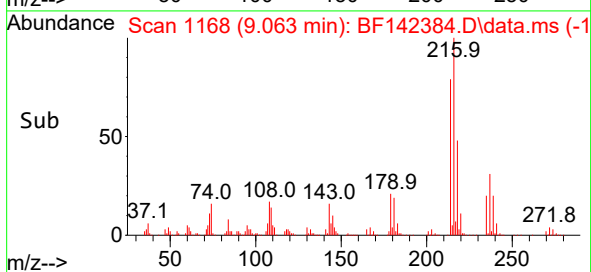
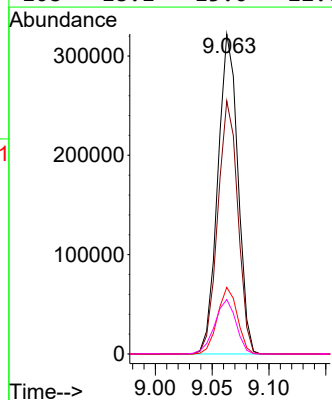
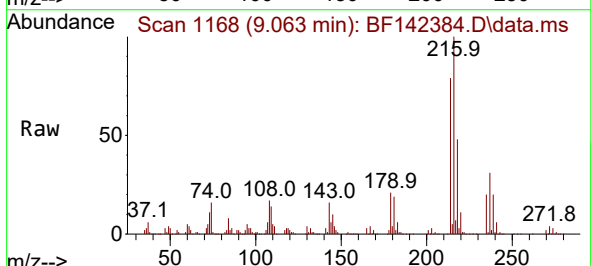
Ion Ratio Lower Upper

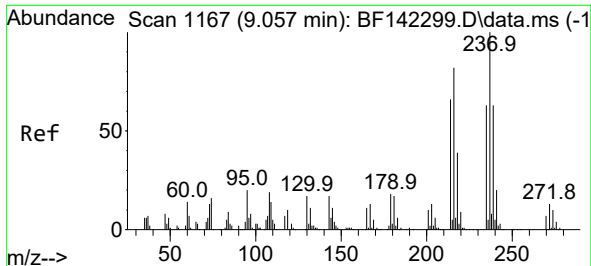
216 100

214 78.8 63.8 95.6

179 20.6 17.0 25.6

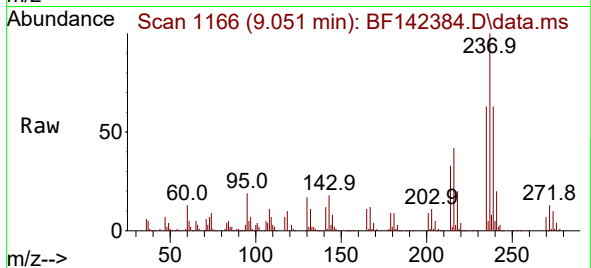
108 18.1 15.0 22.6



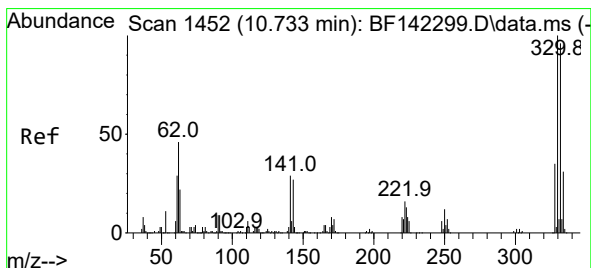
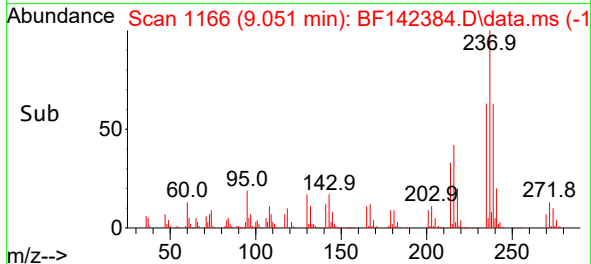
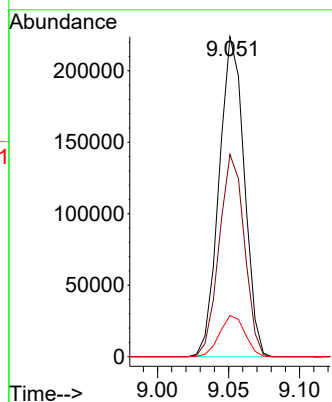


#41
Hexachlorocyclopentadiene
Concen: 45.288 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

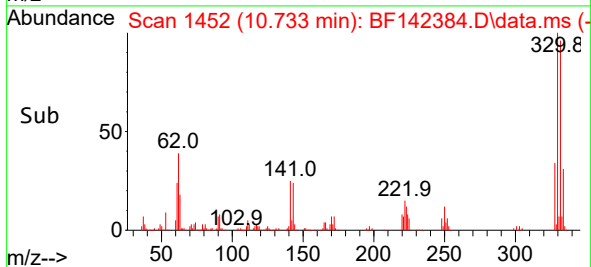
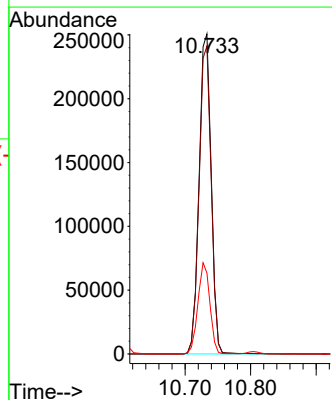
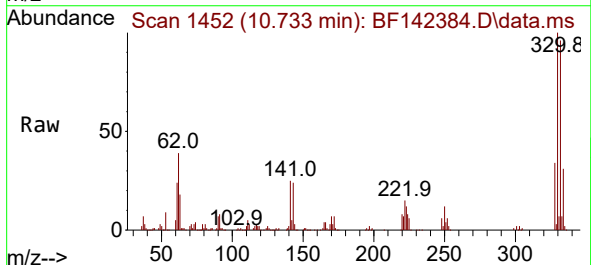


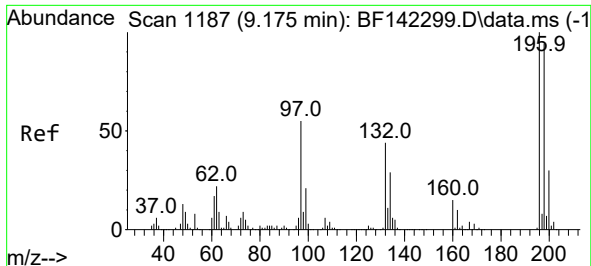
Tgt Ion:237 Resp: 275586
Ion Ratio Lower Upper
237 100
235 63.2 42.8 82.8
272 12.9 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 94.468 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:330 Resp: 321545
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 28.3 24.9 37.3

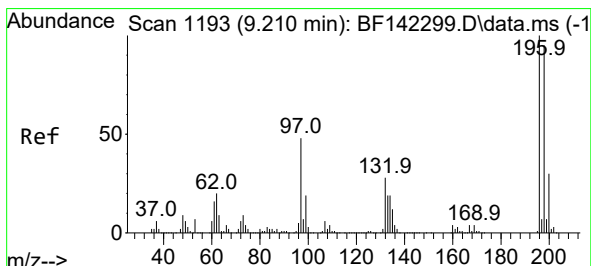
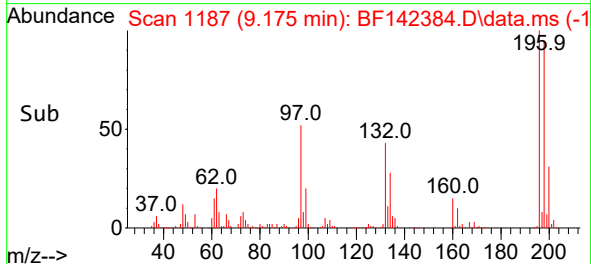
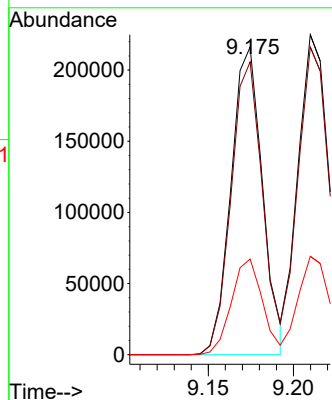
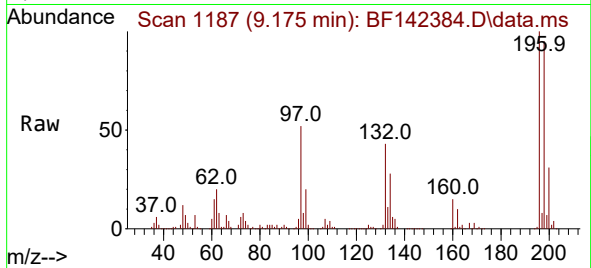




#43
2,4,6-Trichlorophenol
Concen: 44.660 ng
RT: 9.175 min Scan# 1187
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

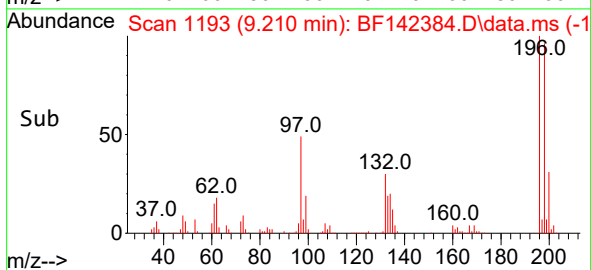
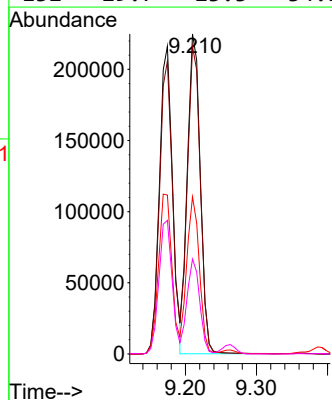
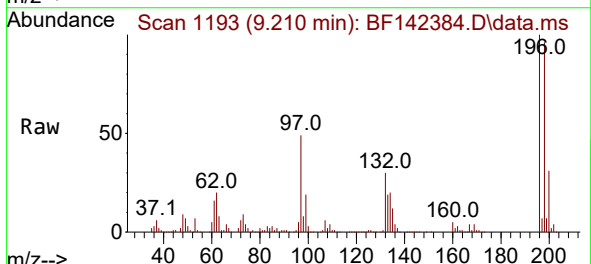
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

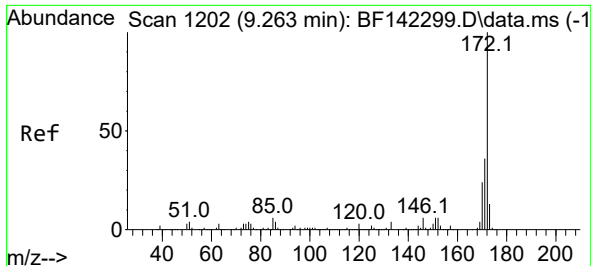
Tgt Ion:196 Resp: 277366
Ion Ratio Lower Upper
196 100
198 95.2 75.4 113.0
200 31.1 24.3 36.5



#44
2,4,5-Trichlorophenol
Concen: 43.069 ng
RT: 9.210 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:196 Resp: 284606
Ion Ratio Lower Upper
196 100
198 96.2 76.1 114.1
97 49.1 39.0 58.4
132 29.7 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 76.057 ng

RT: 9.263 min Scan# 1202

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

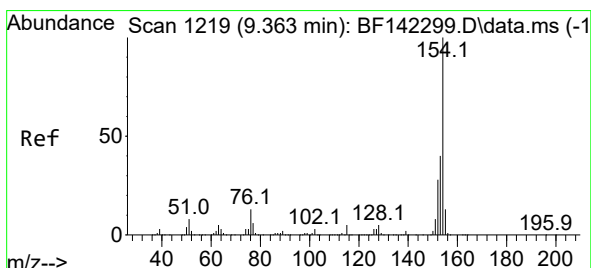
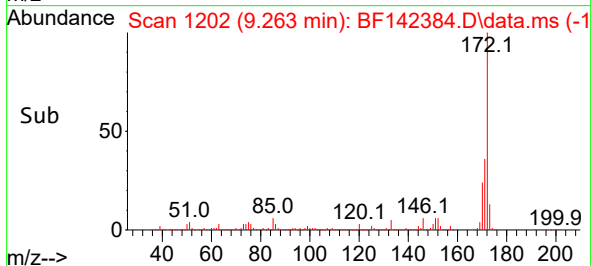
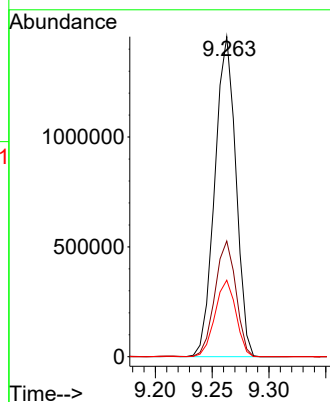
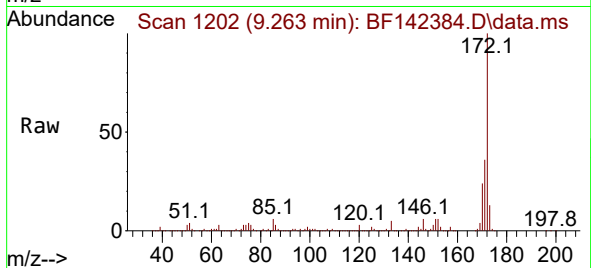
Tgt Ion:172 Resp: 1880482

Ion Ratio Lower Upper

172 100

171 36.2 28.6 42.8

170 23.9 19.0 28.4



#46

1,1'-Biphenyl

Concen: 39.019 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

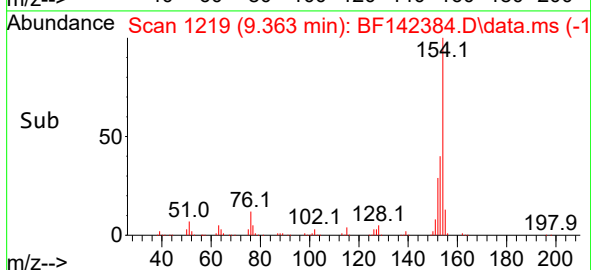
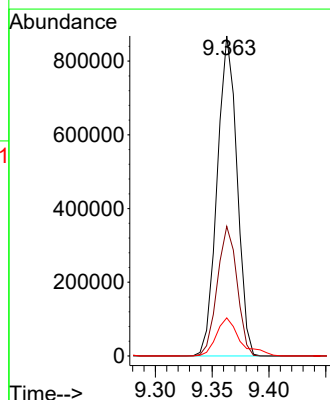
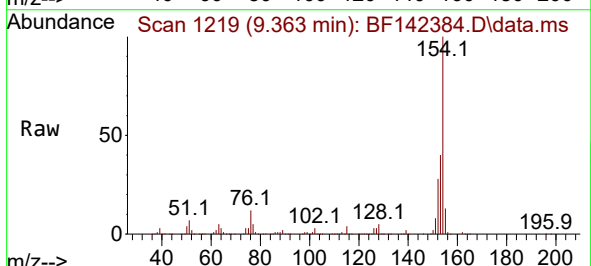
Tgt Ion:154 Resp: 1054716

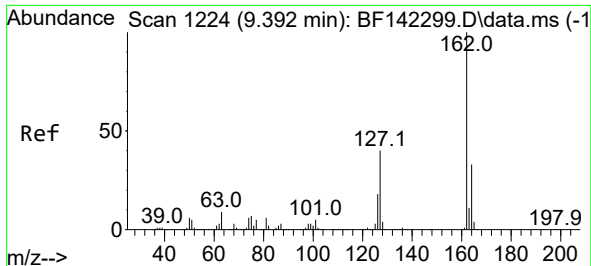
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 11.9 0.0 32.8





#47

2-Chloronaphthalene

Concen: 39.480 ng

RT: 9.386 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

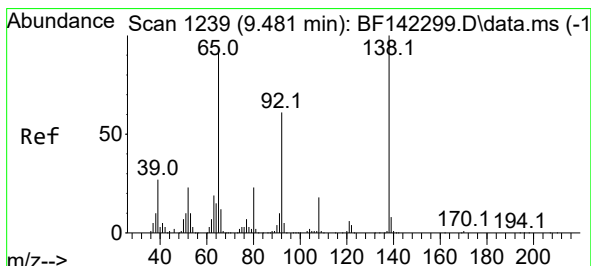
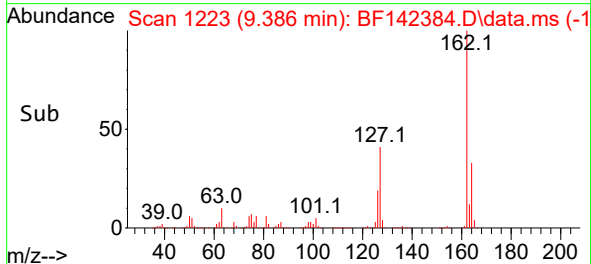
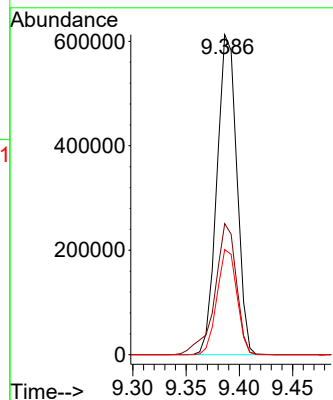
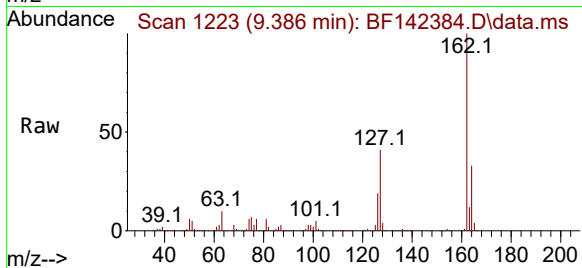
Tgt Ion:162 Resp: 793640

Ion Ratio Lower Upper

162 100

127 40.9 32.3 48.5

164 32.9 26.6 40.0



#48

2-Nitroaniline

Concen: 46.970 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

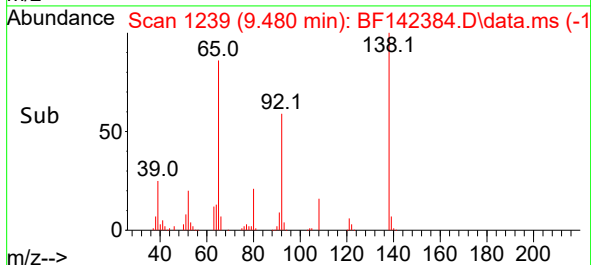
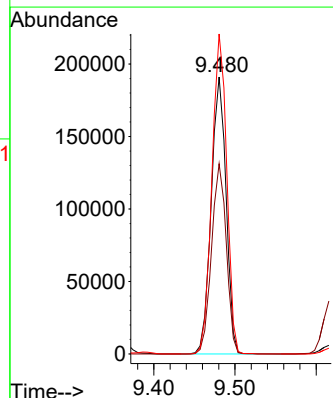
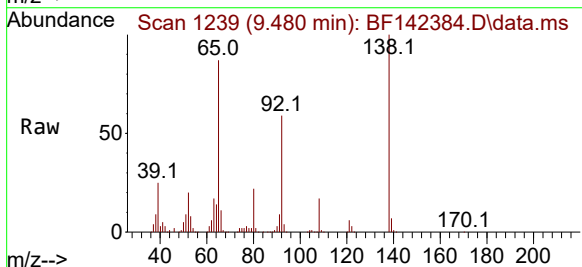
Tgt Ion: 65 Resp: 242020

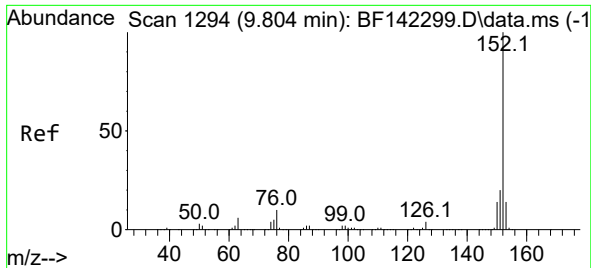
Ion Ratio Lower Upper

65 100

92 68.7 52.3 78.5

138 115.5 85.6 128.4

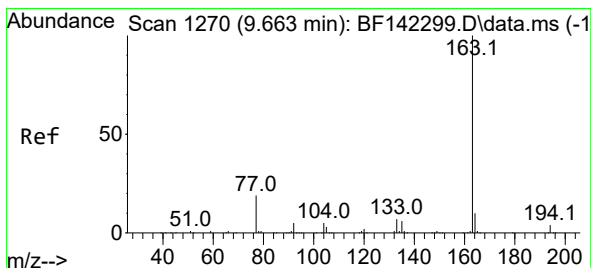
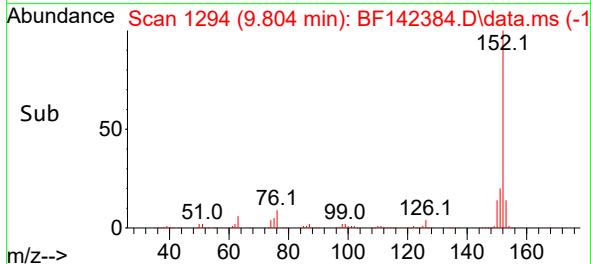
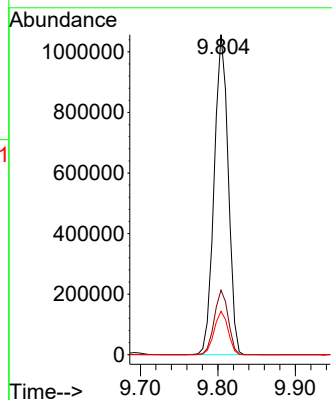
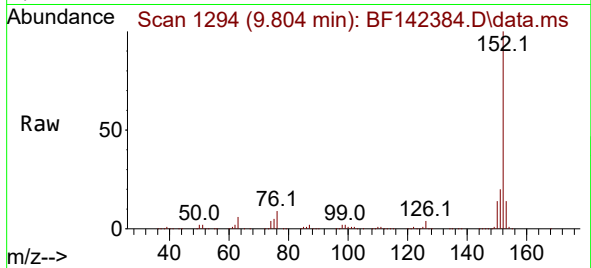




#49
Acenaphthylene
Concen: 39.556 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

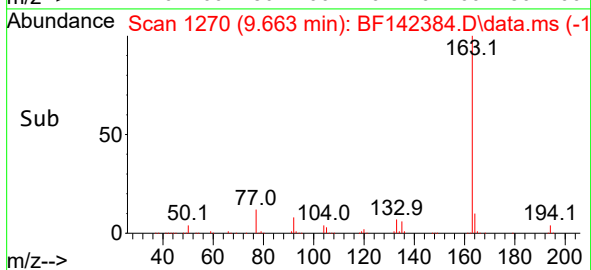
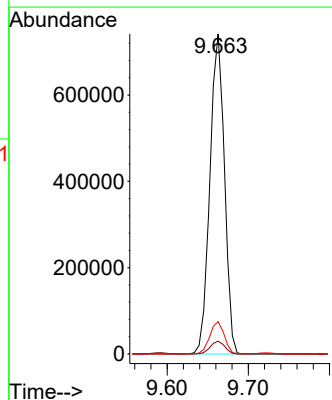
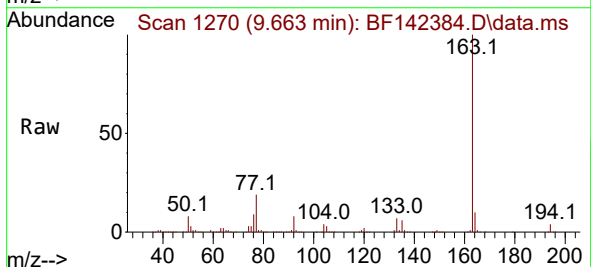
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

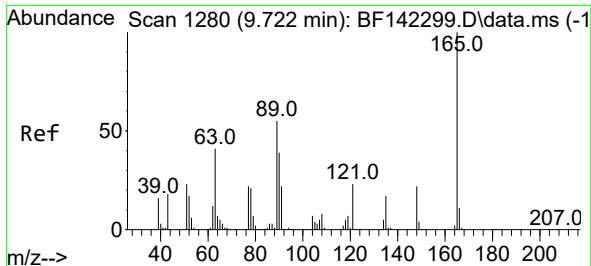
Tgt Ion:152 Resp: 1330203
Ion Ratio Lower Upper
152 100
151 20.1 16.0 24.0
153 13.5 10.8 16.2



#50
Dimethylphthalate
Concen: 40.641 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:163 Resp: 920024
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.3 12.5

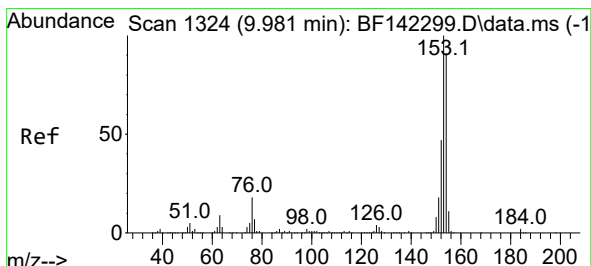
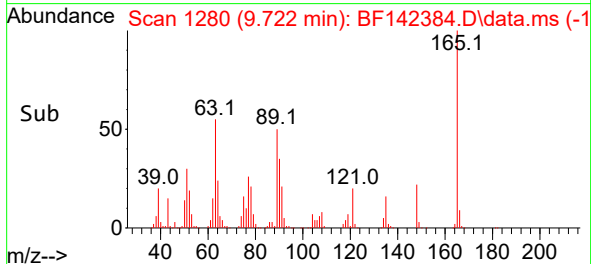
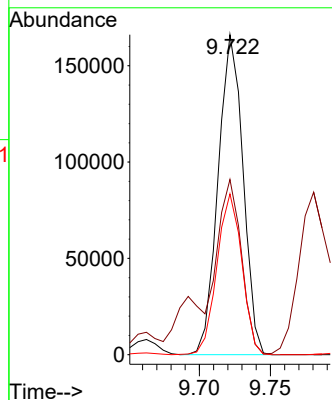
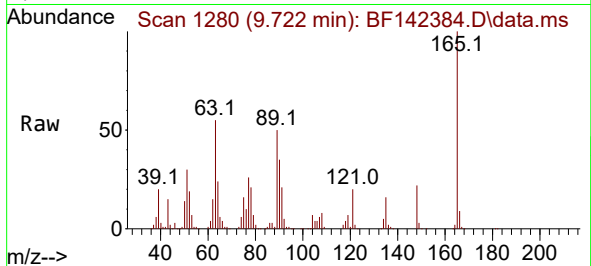




#51
2,6-Dinitrotoluene
Concen: 47.782 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

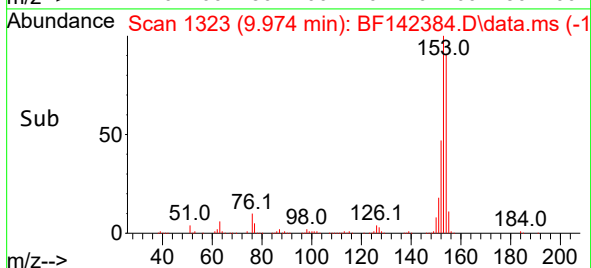
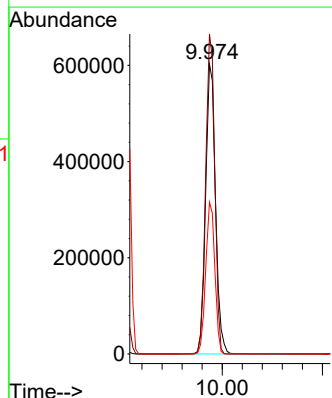
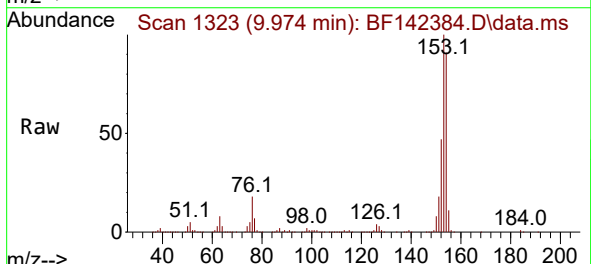
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

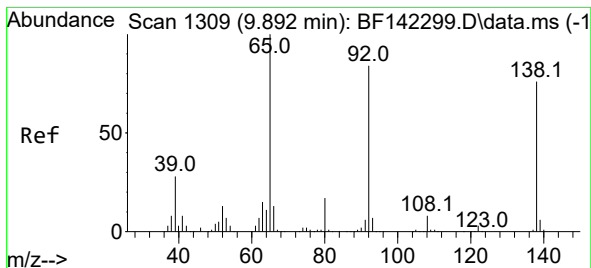
Tgt Ion:165 Resp: 202470
Ion Ratio Lower Upper
165 100
63 54.8 49.5 74.3
89 50.3 44.6 66.8



#52
Acenaphthene
Concen: 40.709 ng
RT: 9.974 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:154 Resp: 823139
Ion Ratio Lower Upper
154 100
153 110.4 88.0 132.0
152 52.4 41.6 62.4





#53

3-Nitroaniline

Concen: 46.586 ng

RT: 9.892 min Scan# 1309

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

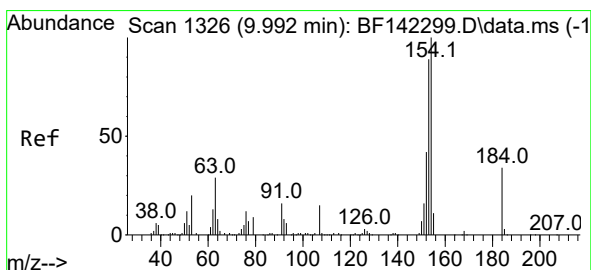
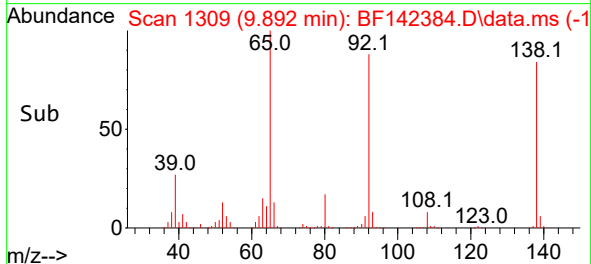
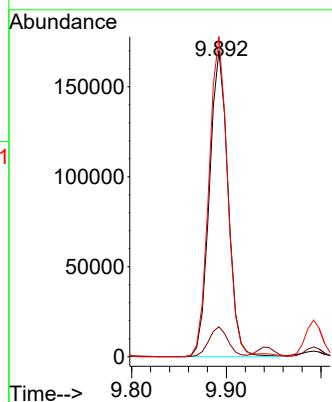
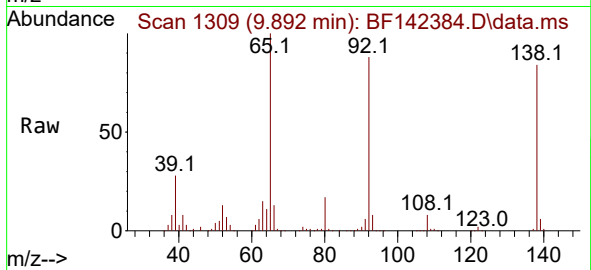
Tgt Ion:138 Resp: 231519

Ion Ratio Lower Upper

138 100

108 9.8 8.7 13.1

92 104.5 89.5 134.3



#54

2,4-Dinitrophenol

Concen: 52.287 ng

RT: 9.992 min Scan# 1326

Delta R.T. 0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

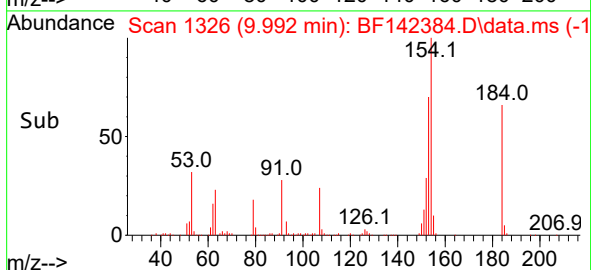
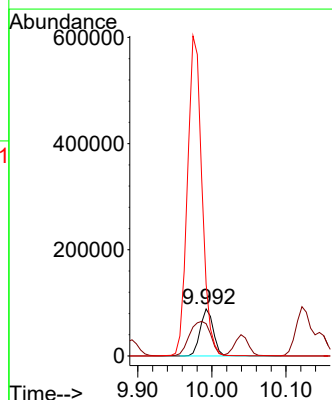
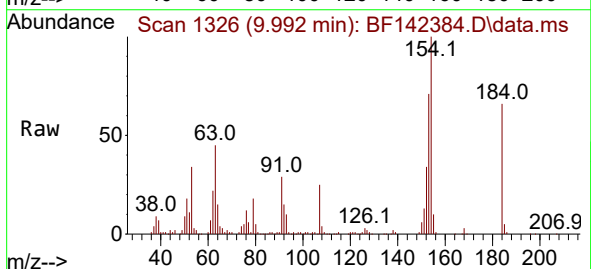
Tgt Ion:184 Resp: 109406

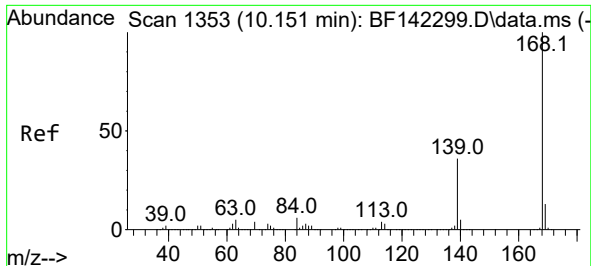
Ion Ratio Lower Upper

184 100

63 68.7 70.6 105.8#

154 152.4 257.2 385.8#

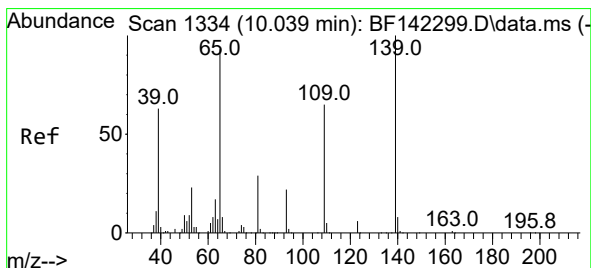
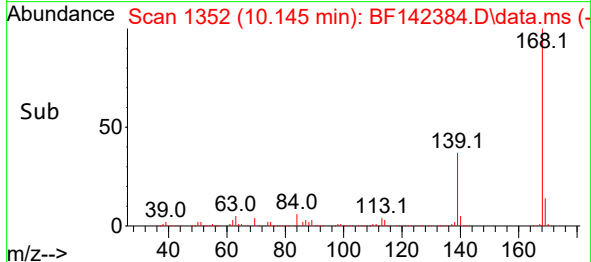
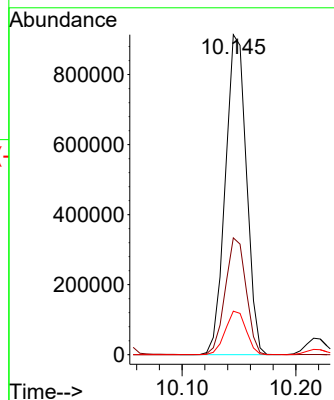
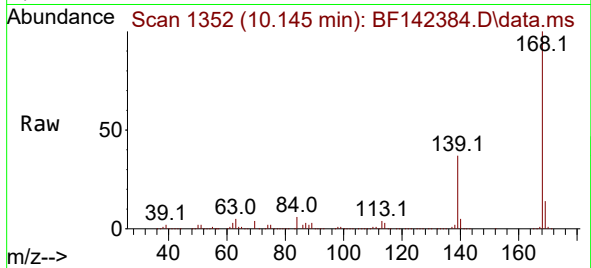




#55
Dibenzenofuran
Concen: 39.460 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

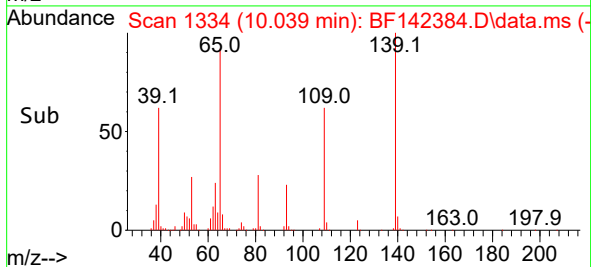
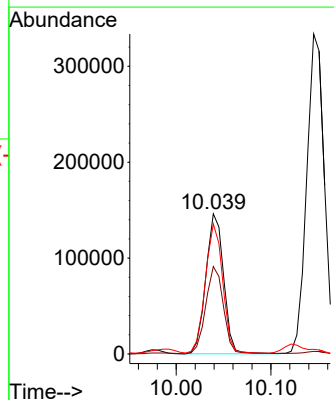
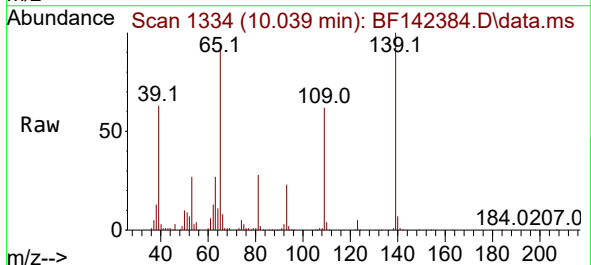
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

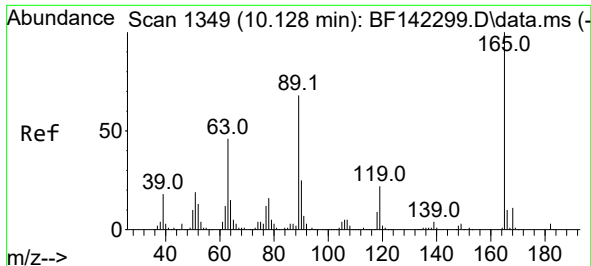
Tgt Ion:168 Resp: 1177533
Ion Ratio Lower Upper
168 100
139 36.5 29.0 43.4
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 50.863 ng
RT: 10.039 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:139 Resp: 190242
Ion Ratio Lower Upper
139 100
109 62.3 45.3 85.3
65 92.7 73.9 113.9





#57

2,4-Dinitrotoluene

Concen: 50.147 ng

RT: 10.122 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:165 Resp: 272568

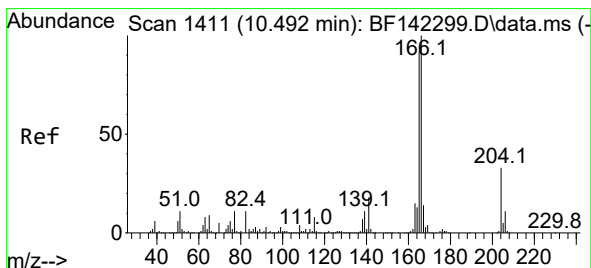
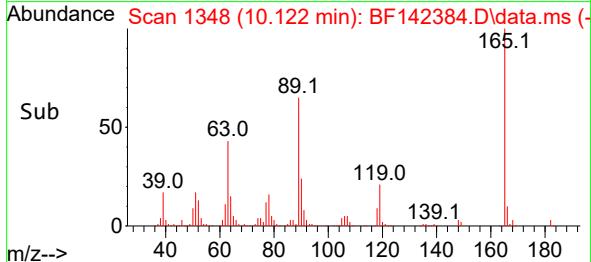
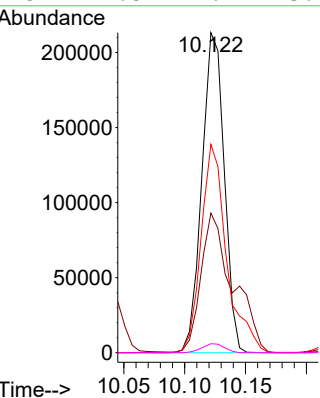
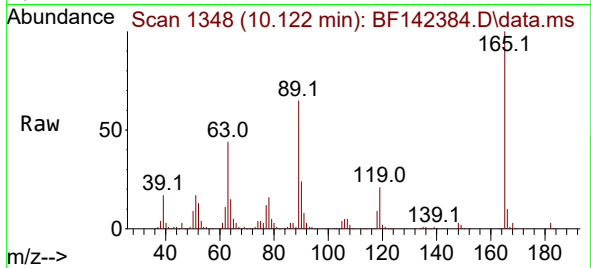
Ion Ratio Lower Upper

165 100

63 43.6 37.1 55.7

89 65.1 54.4 81.6

182 2.8 2.2 3.2



#58

Fluorene

Concen: 38.957 ng

RT: 10.492 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

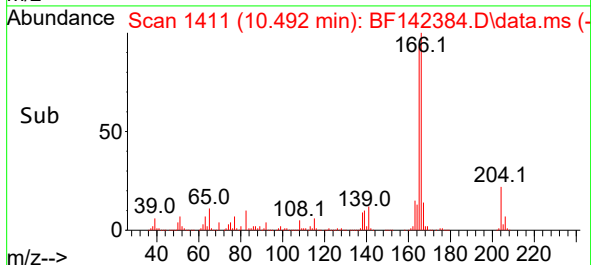
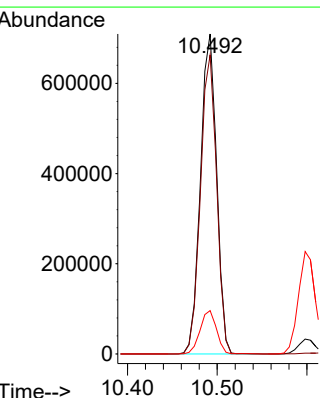
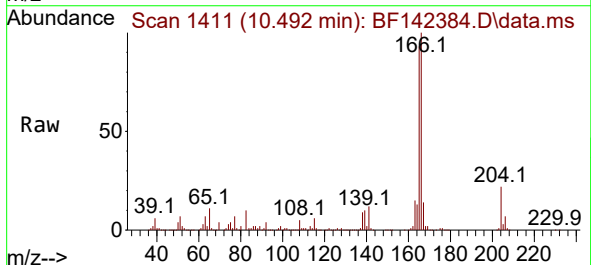
Tgt Ion:166 Resp: 887188

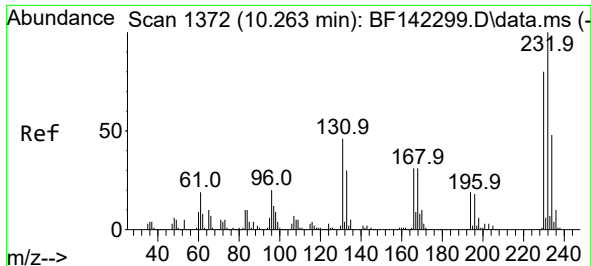
Ion Ratio Lower Upper

166 100

165 93.5 74.0 111.0

167 13.6 10.9 16.3

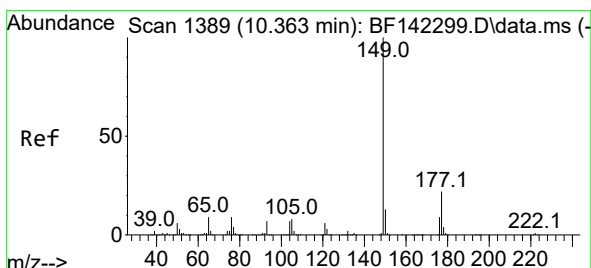
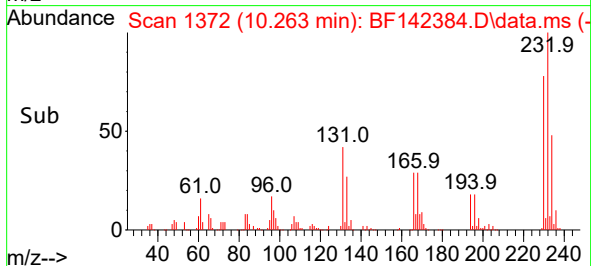
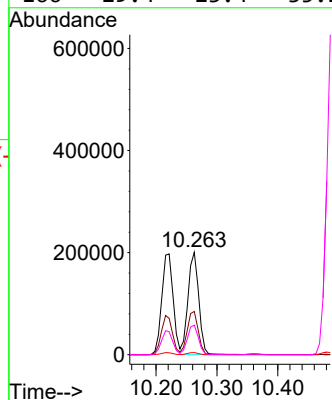
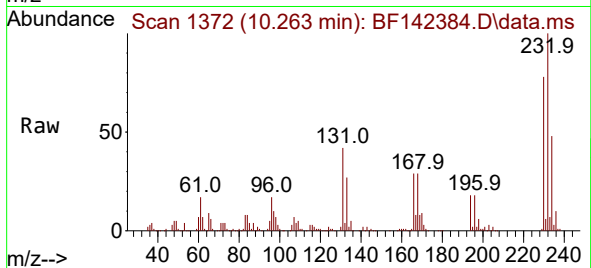




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.231 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

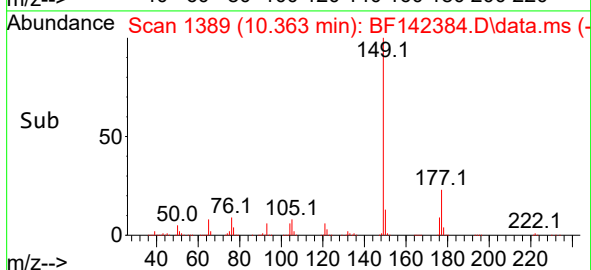
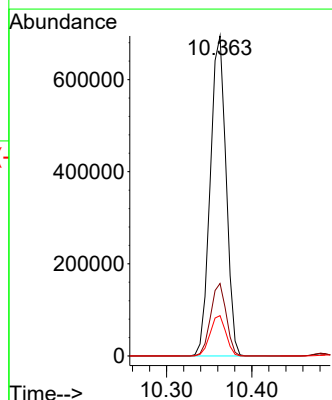
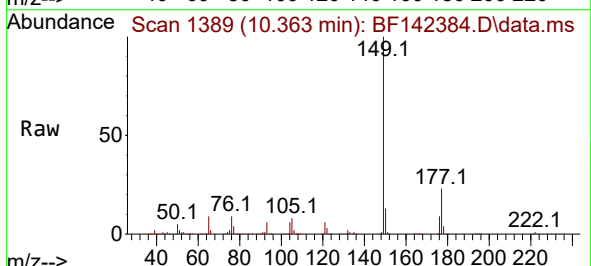
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

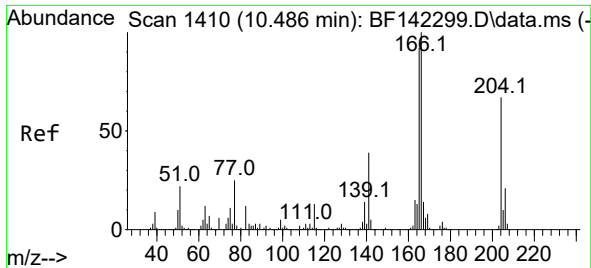
Tgt Ion:232 Resp: 246742
Ion Ratio Lower Upper
232 100
131 43.3 36.0 54.0
130 2.1 1.8 2.6
166 29.4 23.4 35.2



#60
Diethylphthalate
Concen: 39.551 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:149 Resp: 894154
Ion Ratio Lower Upper
149 100
177 22.6 17.6 26.4
150 12.6 10.1 15.1

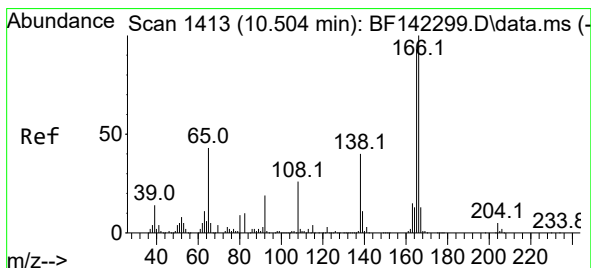
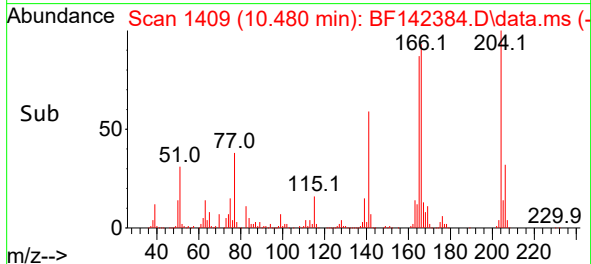
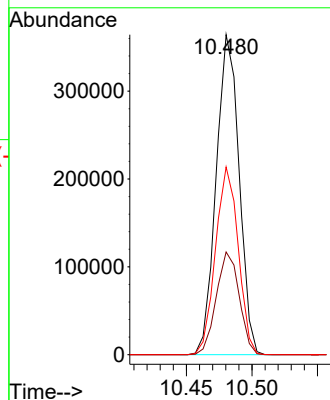
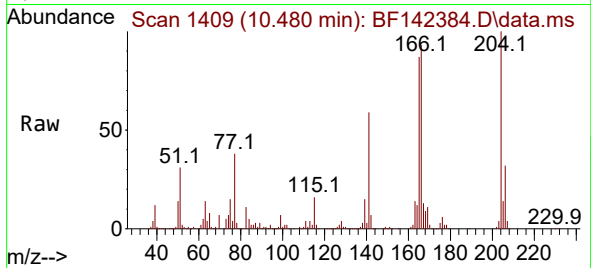




#61
4-Chlorophenyl-phenylether
Concen: 40.251 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

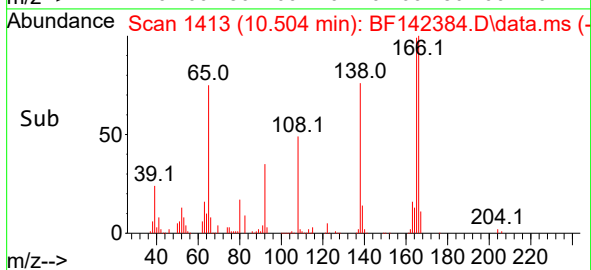
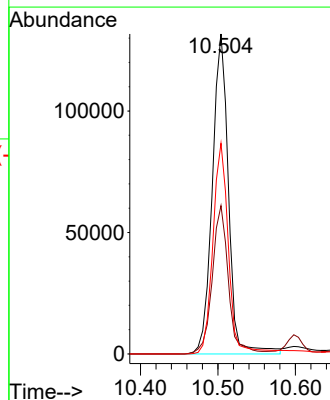
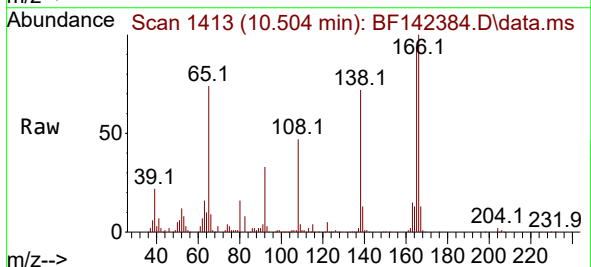
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

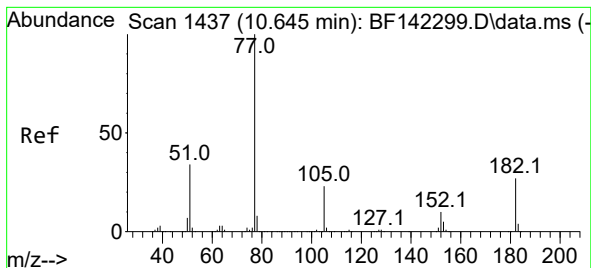
Tgt Ion:204 Resp: 442251
Ion Ratio Lower Upper
204 100
206 32.1 25.5 38.3
141 58.6 46.4 69.6



#62
4-Nitroaniline
Concen: 48.448 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:138 Resp: 190827
Ion Ratio Lower Upper
138 100
92 46.3 27.3 67.3
108 65.8 45.1 85.1





#63

Azobenzene

Concen: 38.382 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 829169

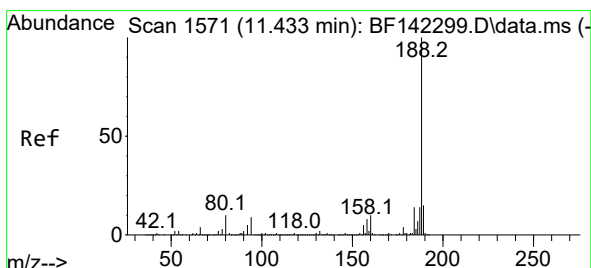
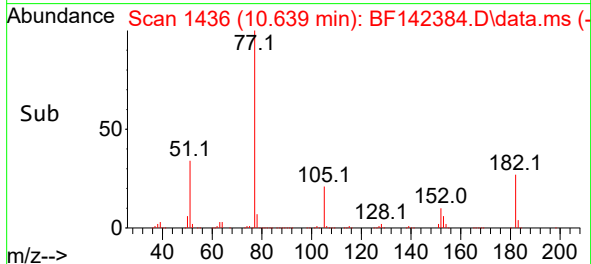
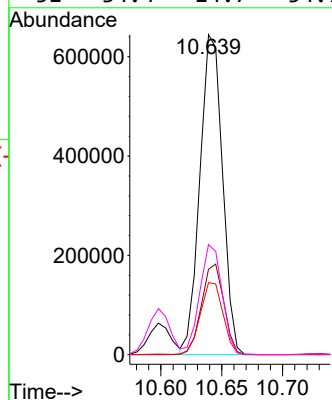
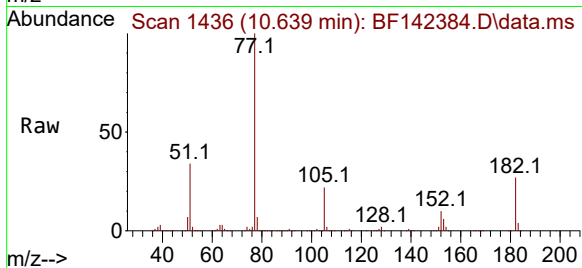
Ion Ratio Lower Upper

77 100

182 26.7 6.9 46.9

105 22.5 2.7 42.7

51 34.4 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

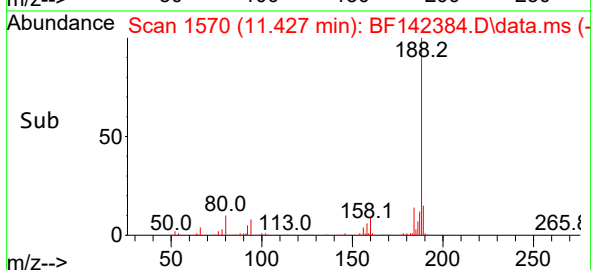
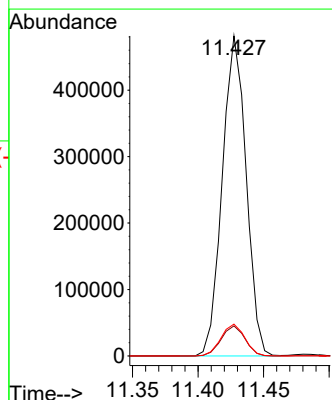
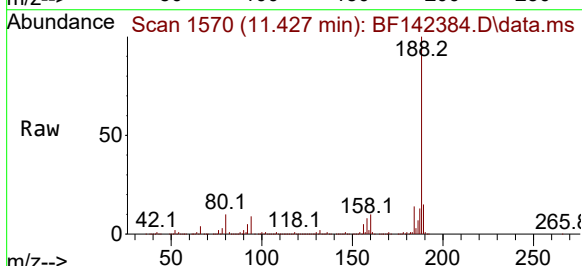
Tgt Ion:188 Resp: 609842

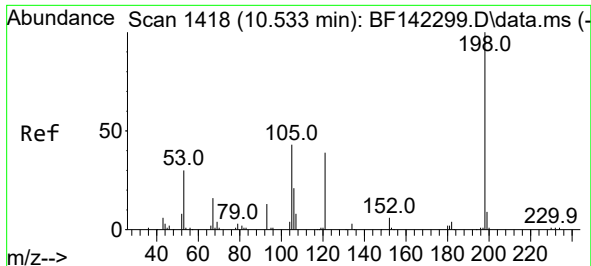
Ion Ratio Lower Upper

188 100

94 9.4 7.5 11.3

80 10.0 7.9 11.9

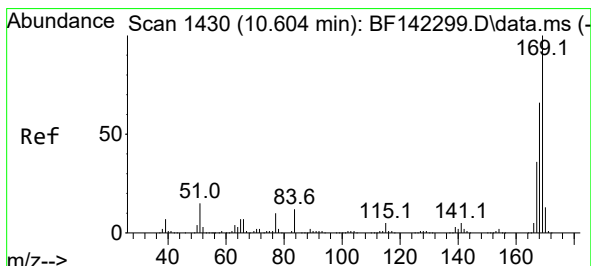
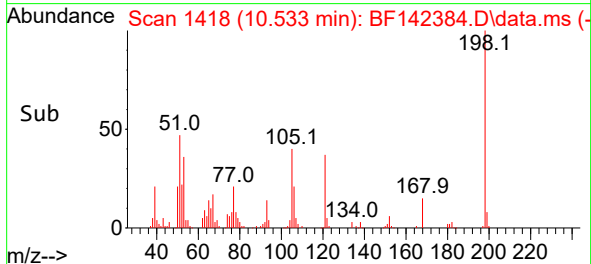
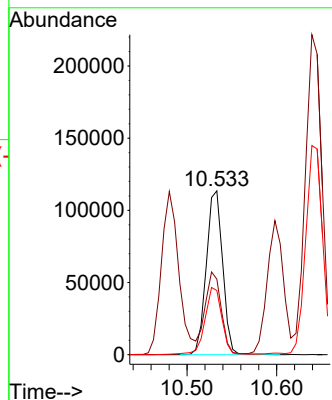
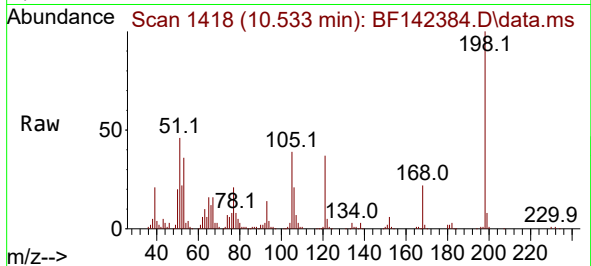




#65
4,6-Dinitro-2-methylphenol
Concen: 50.061 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

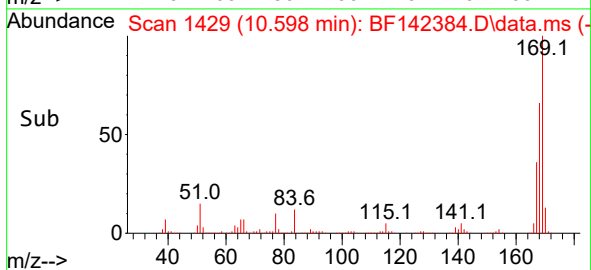
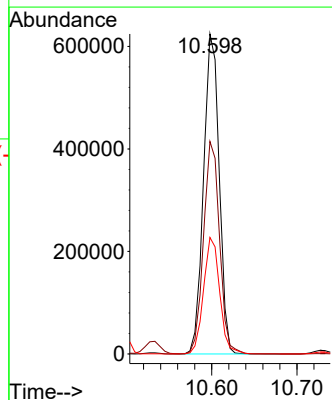
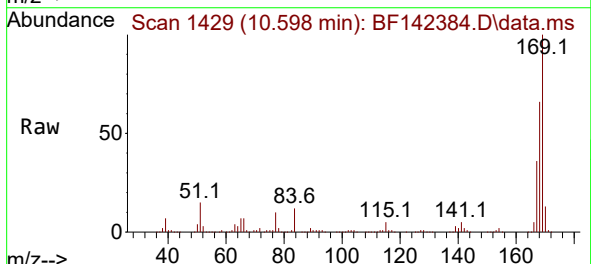
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

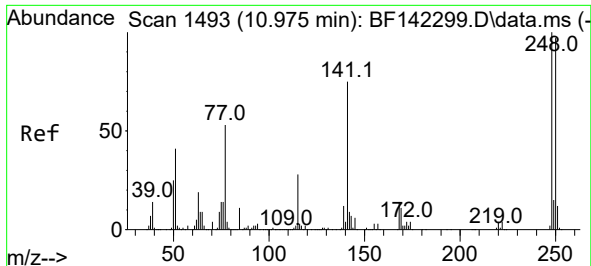
Tgt Ion:198 Resp: 143343
Ion Ratio Lower Upper
198 100
51 46.1 32.9 72.9
105 39.2 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 39.193 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:169 Resp: 795348
Ion Ratio Lower Upper
169 100
168 66.4 53.2 79.8
167 36.4 28.9 43.3

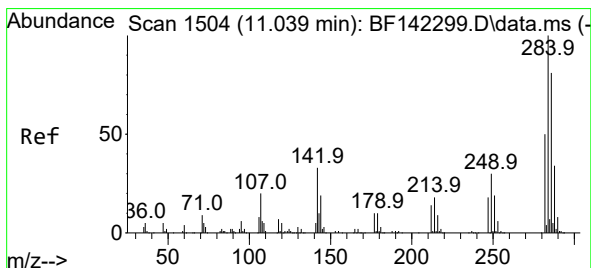
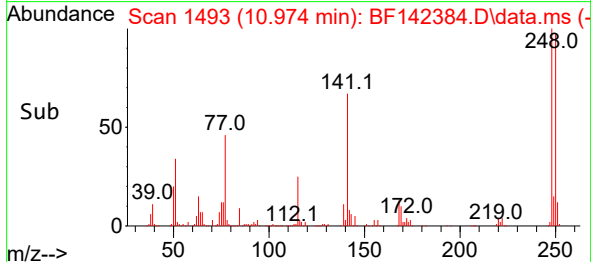
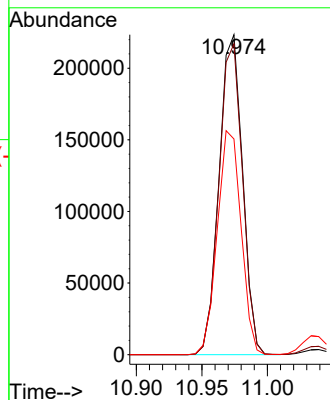
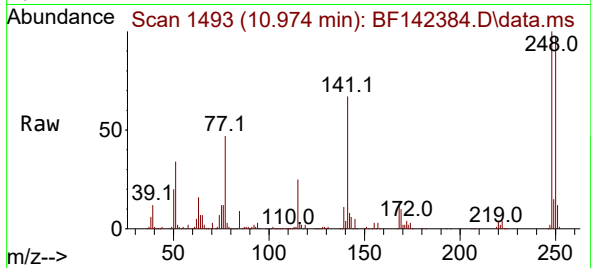




#67
4-Bromophenyl-phenylether
Concen: 40.333 ng
RT: 10.974 min Scan# 1493
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

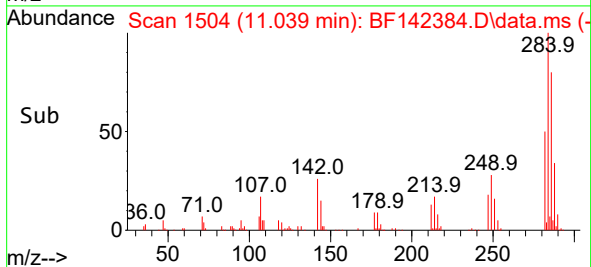
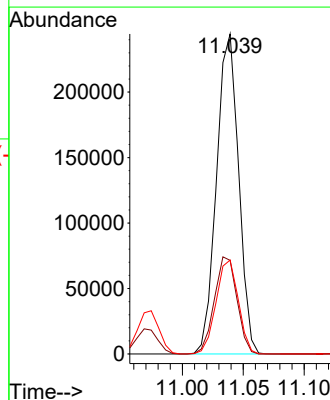
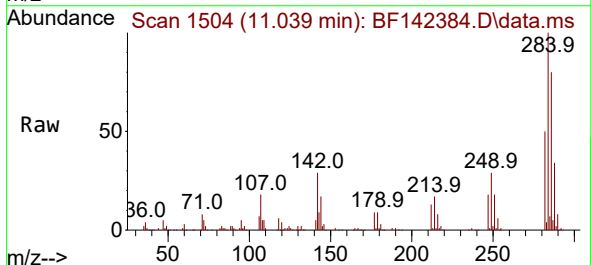
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

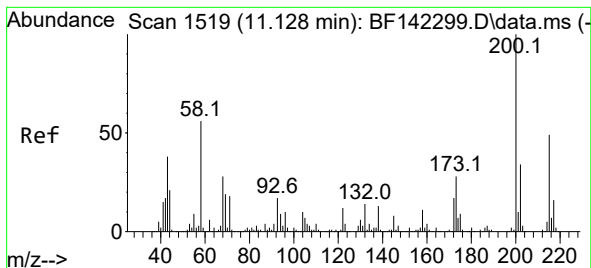
Tgt Ion:248 Resp: 278763
Ion Ratio Lower Upper
248 100
250 97.1 77.9 116.9
141 67.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 40.540 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:284 Resp: 308205
Ion Ratio Lower Upper
284 100
142 29.3 26.6 39.8
249 29.4 24.1 36.1





#69

Atrazine

Concen: 41.159 ng

RT: 11.121 min Scan# 1518

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

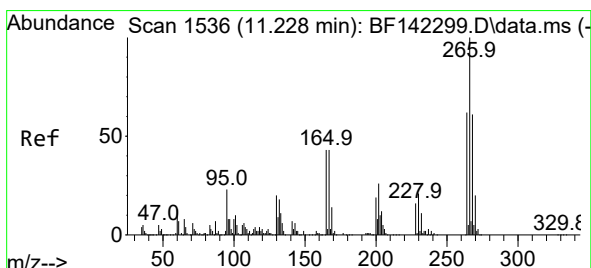
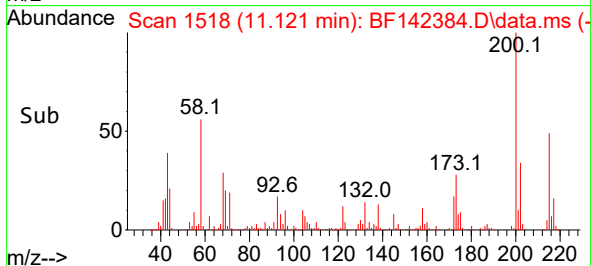
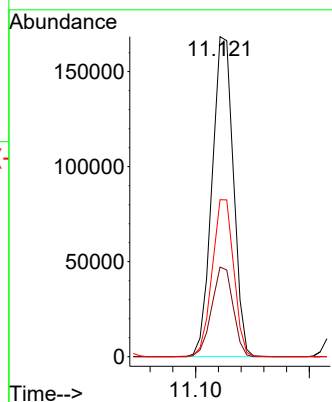
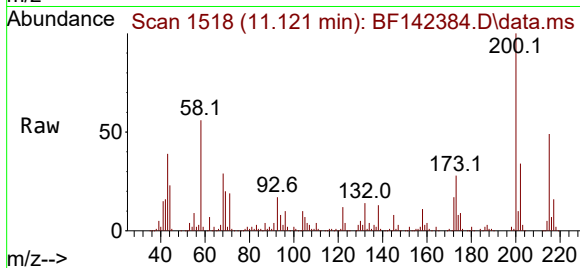
Tgt Ion:200 Resp: 220173

Ion Ratio Lower Upper

200 100

173 28.0 8.1 48.1

215 49.0 28.8 68.8



#70

Pentachlorophenol

Concen: 49.158 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

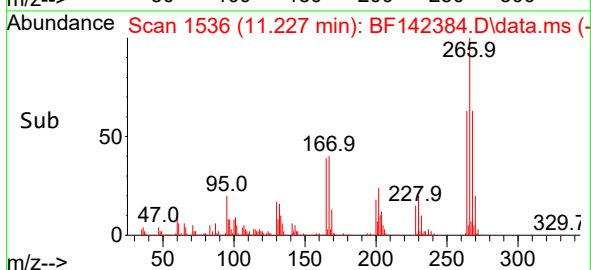
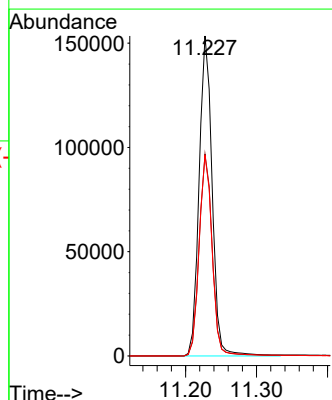
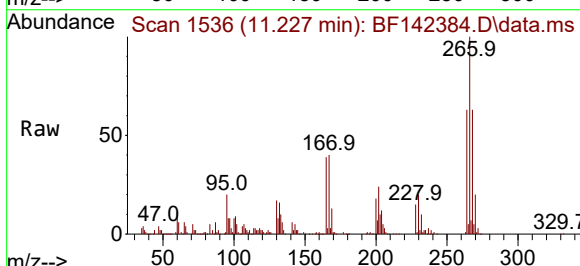
Tgt Ion:266 Resp: 196607

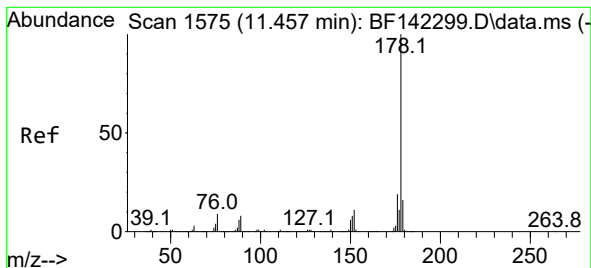
Ion Ratio Lower Upper

266 100

268 63.1 48.7 73.1

264 62.8 49.8 74.6





#71

Phenanthrene

Concen: 38.567 ng

RT: 11.451 min Scan# 1575

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

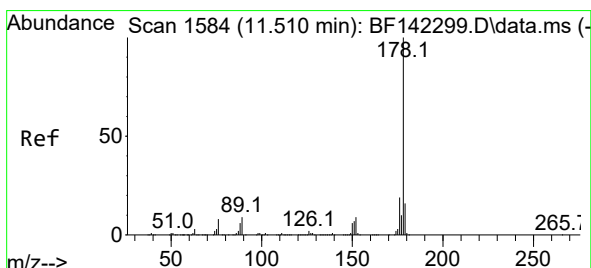
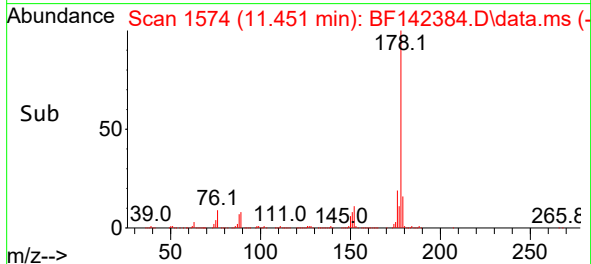
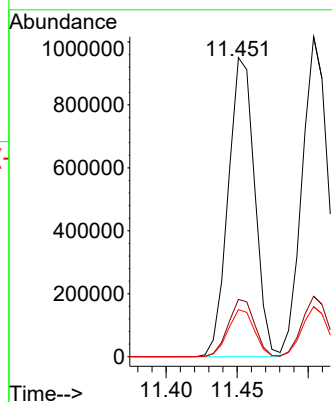
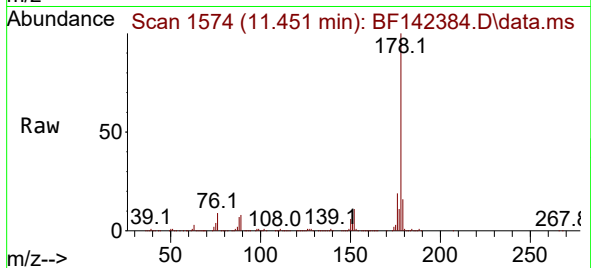
Tgt Ion:178 Resp: 1232846

Ion Ratio Lower Upper

178 100

176 19.2 15.5 23.3

179 15.8 12.6 18.8



#72

Anthracene

Concen: 38.868 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

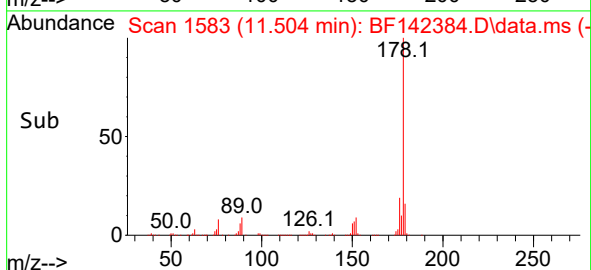
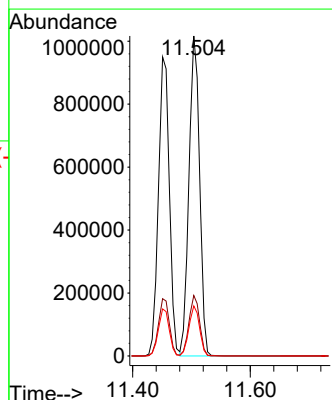
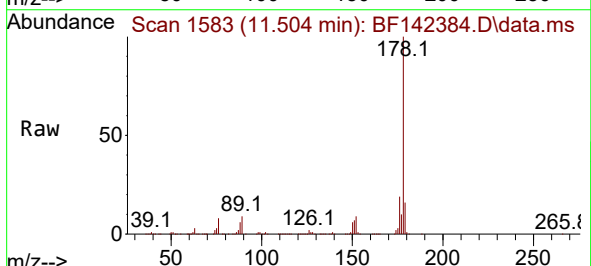
Tgt Ion:178 Resp: 1276652

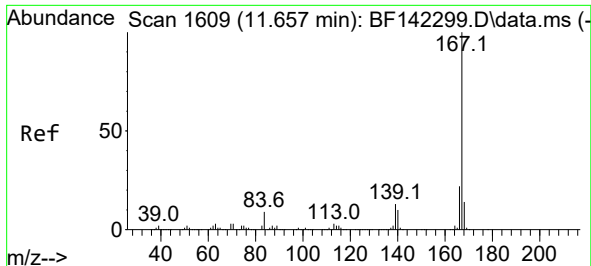
Ion Ratio Lower Upper

178 100

176 18.9 15.3 22.9

179 15.6 12.6 18.8

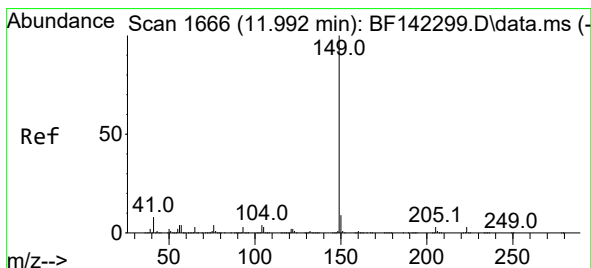
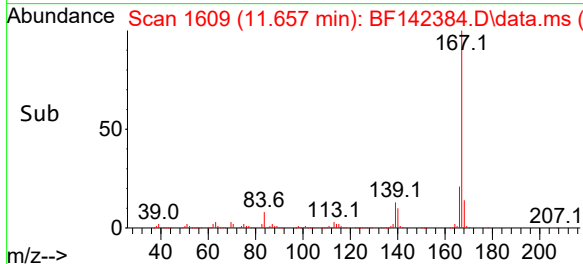
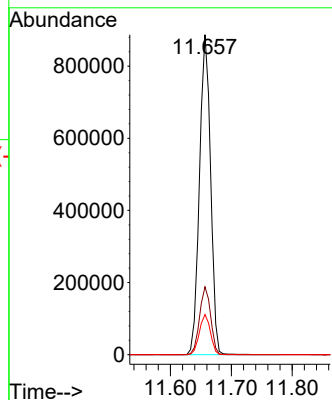
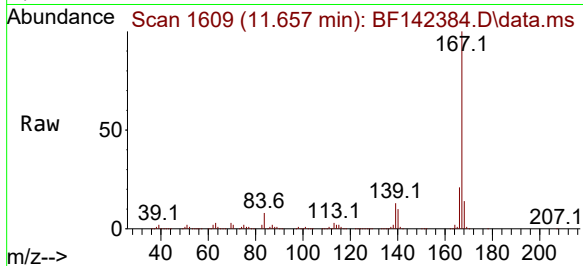




#73
 Carbazole
 Concen: 38.029 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

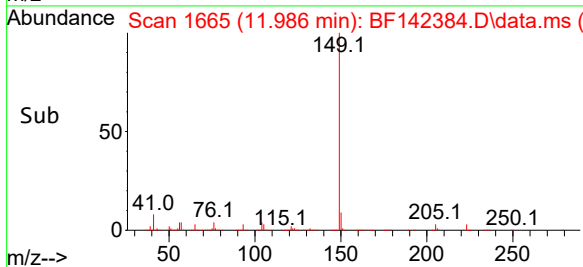
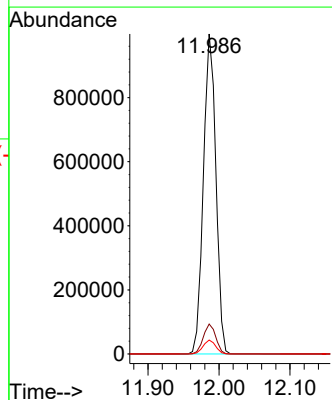
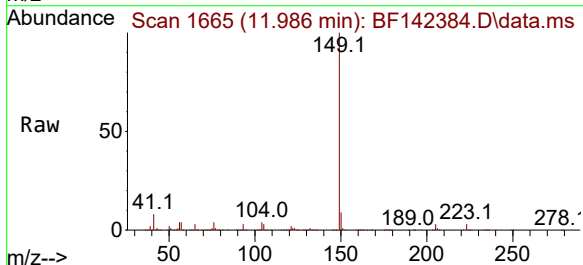
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

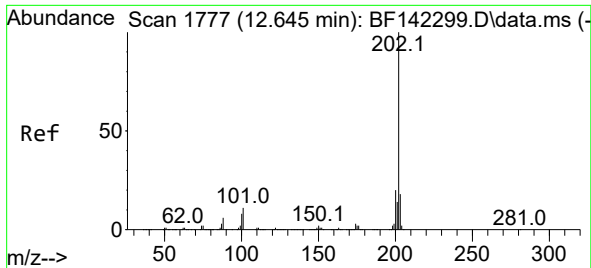
Tgt Ion:167 Resp: 1120621
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.2 25.8
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 39.441 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

Tgt Ion:149 Resp: 1222117
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 4.3 3.6 5.4

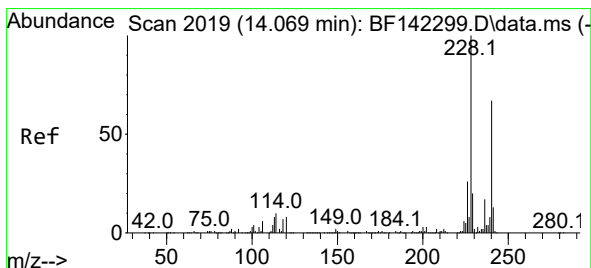
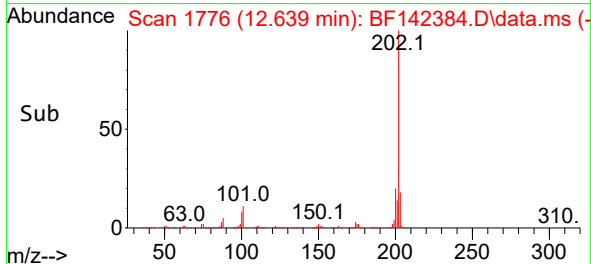
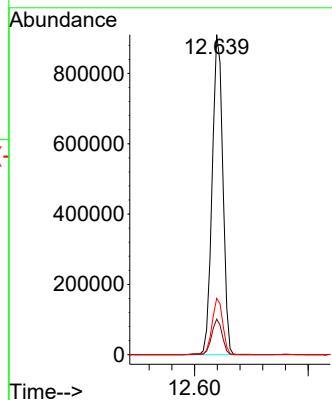
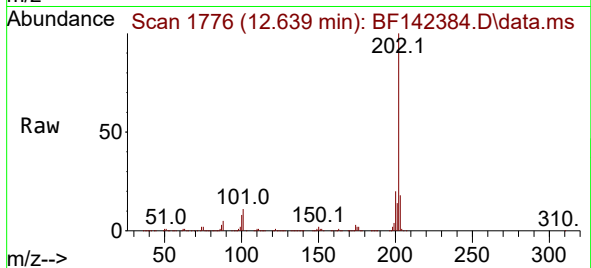




#75
Fluoranthene
Concen: 36.881 ng
RT: 12.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

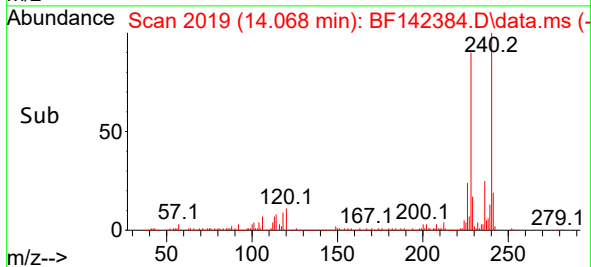
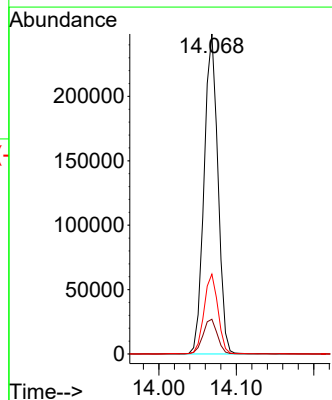
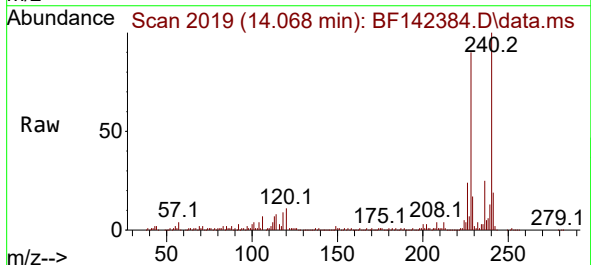
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

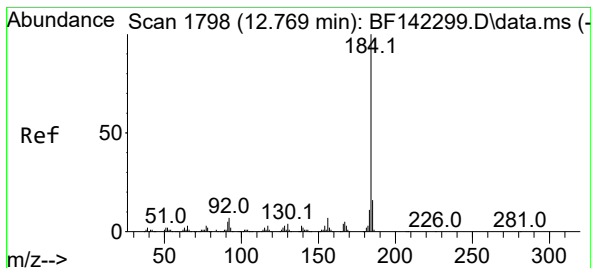
Tgt Ion:202 Resp: 1178524
Ion Ratio Lower Upper
202 100
101 11.1 0.0 31.4
203 17.6 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:240 Resp: 307770
Ion Ratio Lower Upper
240 100
120 10.8 9.7 14.5
236 24.9 20.0 30.0





#77

Benzidine

Concen: 60.569 ng

RT: 12.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

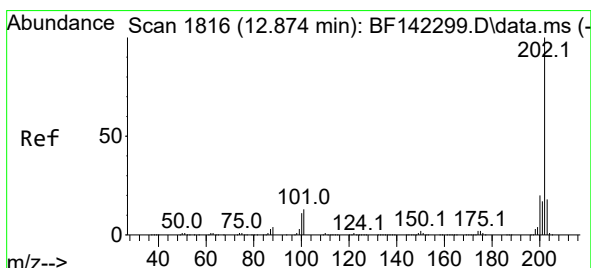
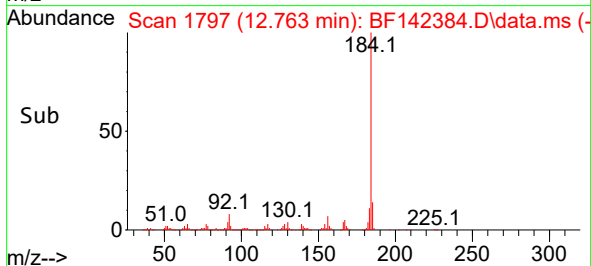
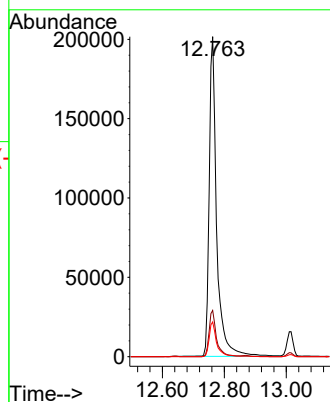
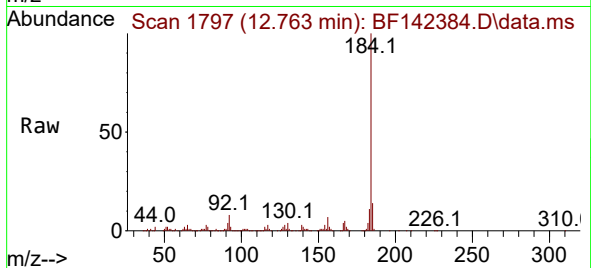
Tgt Ion:184 Resp: 338767

Ion Ratio Lower Upper

184 100

185 14.5 12.6 18.8

183 10.9 8.6 12.8



#78

Pyrene

Concen: 42.472 ng

RT: 12.868 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

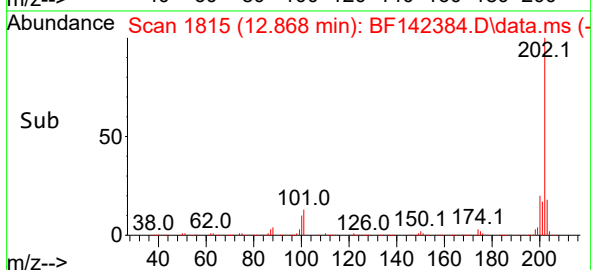
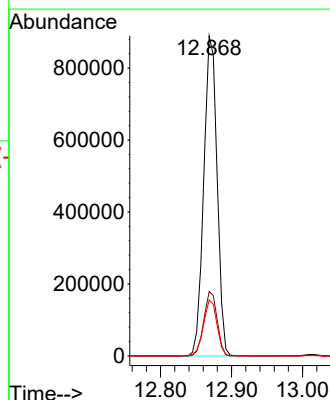
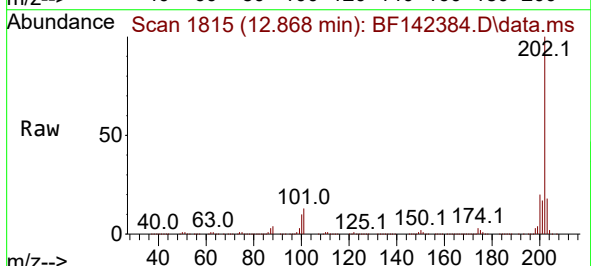
Tgt Ion:202 Resp: 1163491

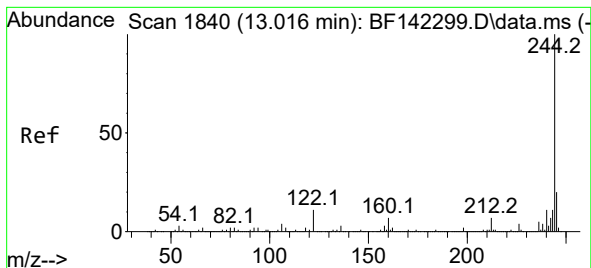
Ion Ratio Lower Upper

202 100

200 20.1 16.2 24.4

203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 82.657 ng

RT: 13.015 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

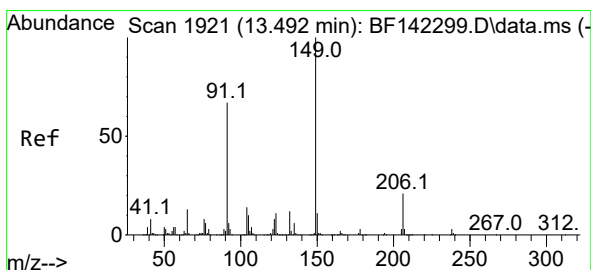
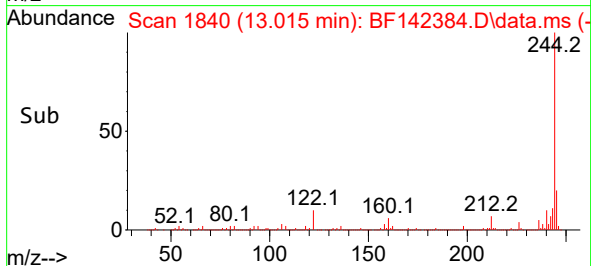
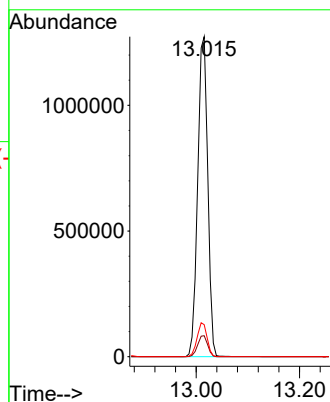
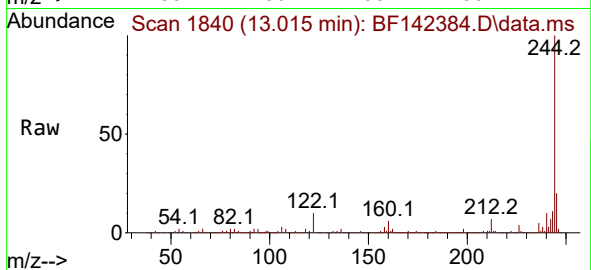
Tgt Ion:244 Resp: 1718750

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.2

122 10.0 9.0 13.4



#80

Butylbenzylphthalate

Concen: 43.080 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

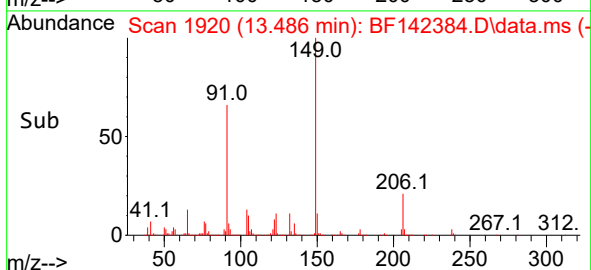
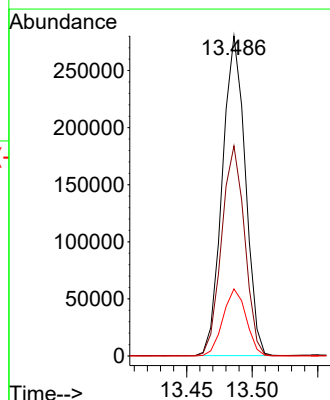
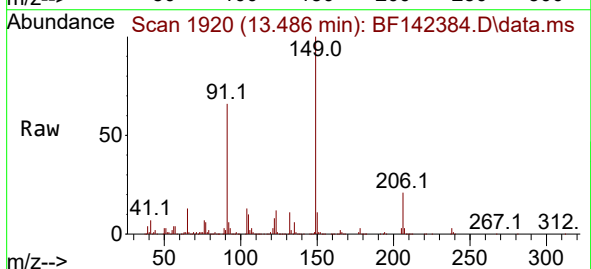
Tgt Ion:149 Resp: 341169

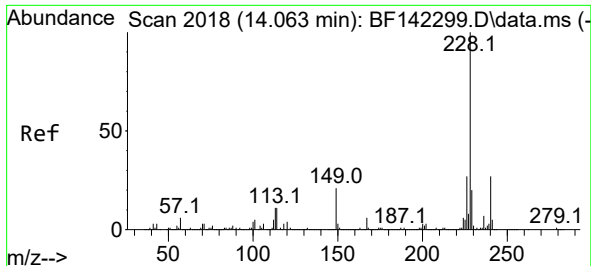
Ion Ratio Lower Upper

149 100

91 65.6 53.8 80.6

206 20.9 16.6 24.8

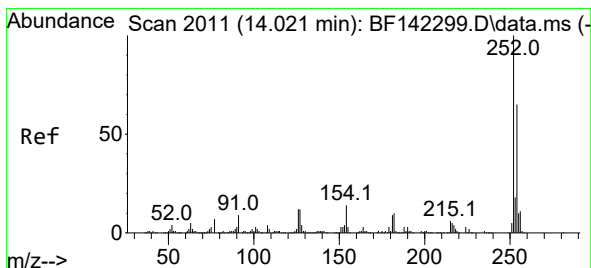
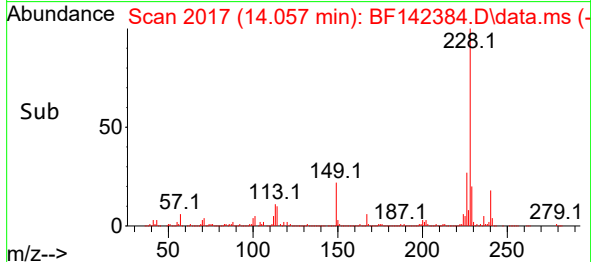
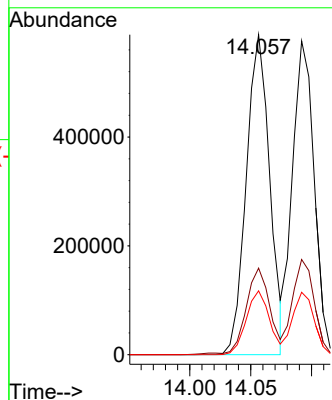
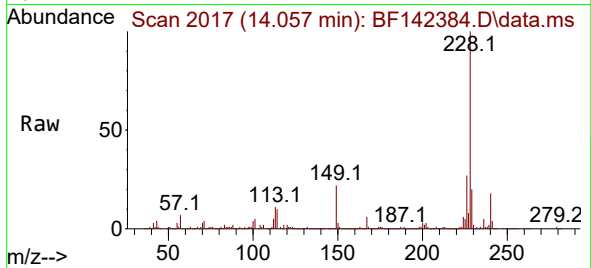




#81
Benzo(a)anthracene
Concen: 39.532 ng
RT: 14.057 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

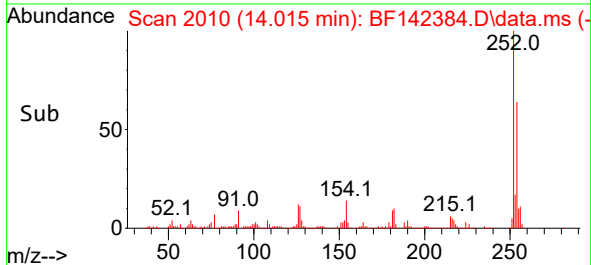
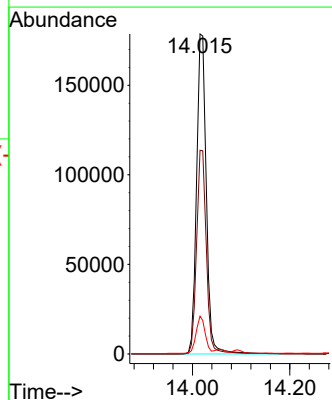
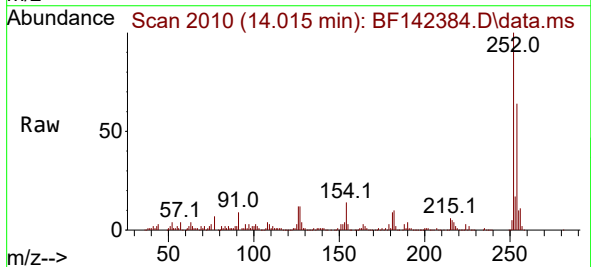
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

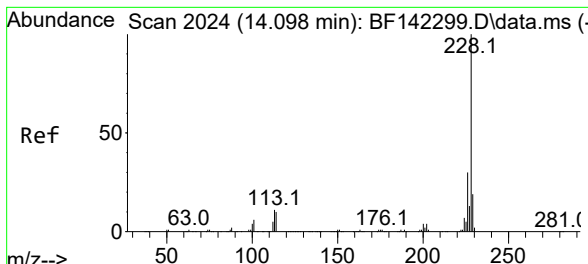
Tgt Ion:228 Resp: 787940
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 19.9 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 53.961 ng
RT: 14.015 min Scan# 2010
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:252 Resp: 250112
Ion Ratio Lower Upper
252 100
254 63.7 52.0 78.0
126 11.8 9.7 14.5





#83

Chrysene

Concen: 38.699 ng

RT: 14.092 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

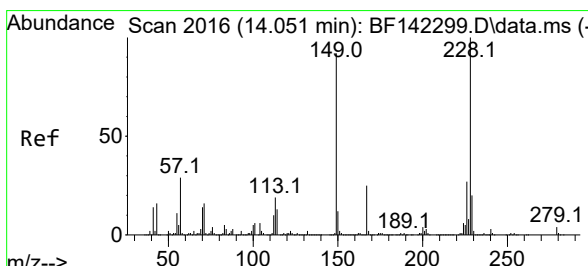
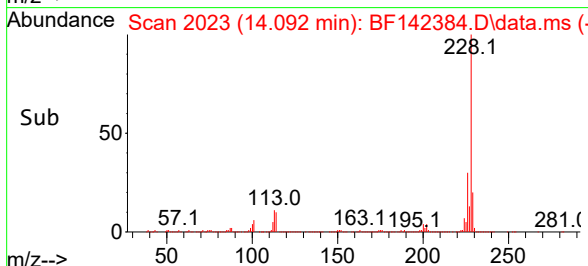
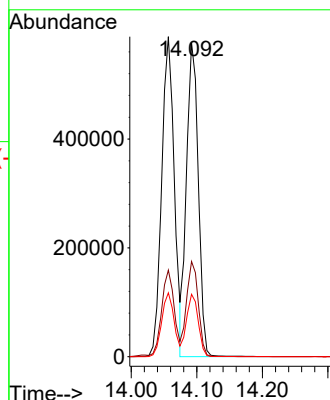
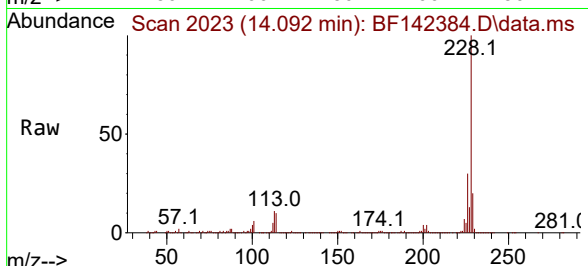
Tgt Ion:228 Resp: 718046

Ion Ratio Lower Upper

228 100

226 30.3 23.9 35.9

229 19.9 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.102 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

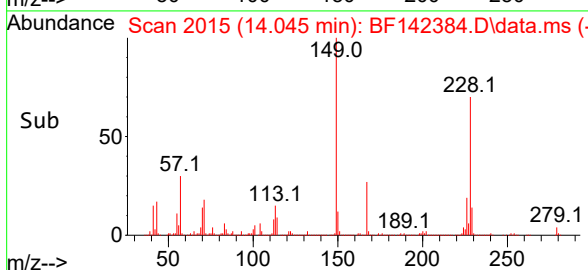
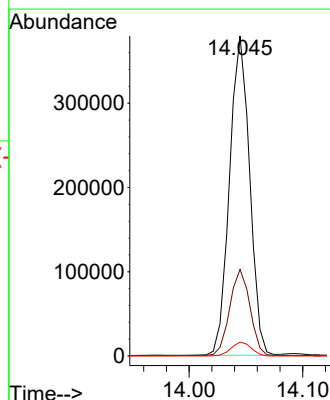
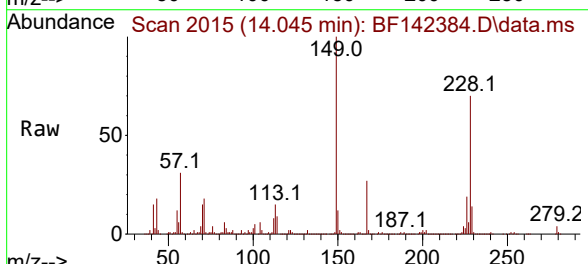
Tgt Ion:149 Resp: 466640

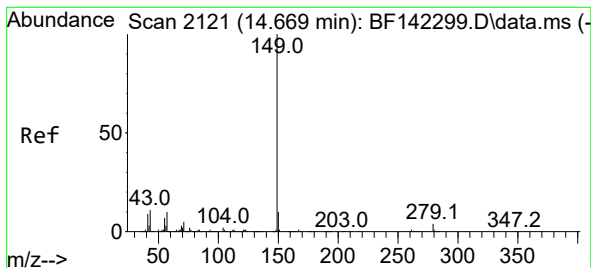
Ion Ratio Lower Upper

149 100

167 27.1 22.0 33.0

279 4.3 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 46.831 ng

RT: 14.662 min Scan# 21

Delta R.T. -0.007 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

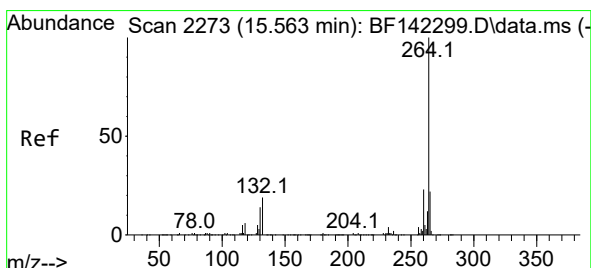
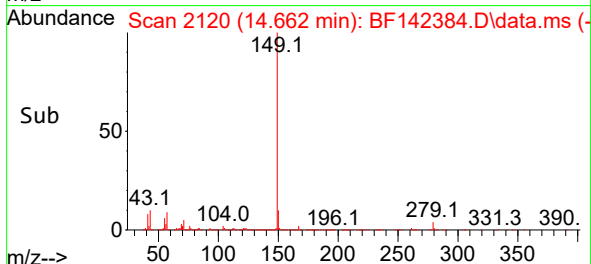
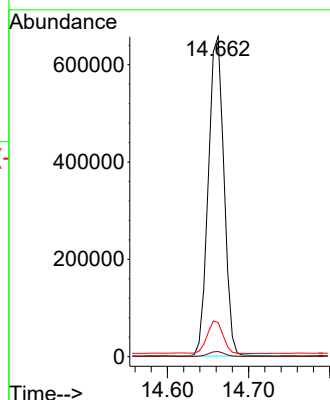
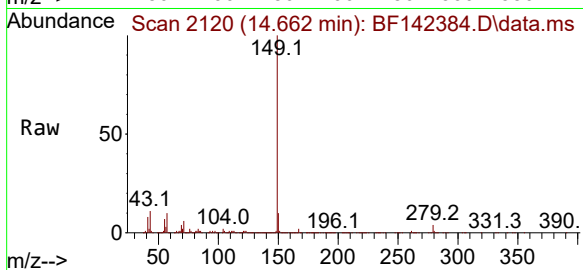
Tgt Ion:149 Resp: 874781

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 10.3 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.556 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

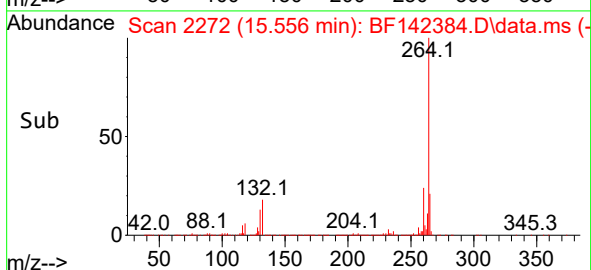
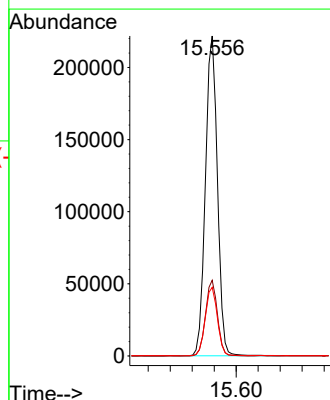
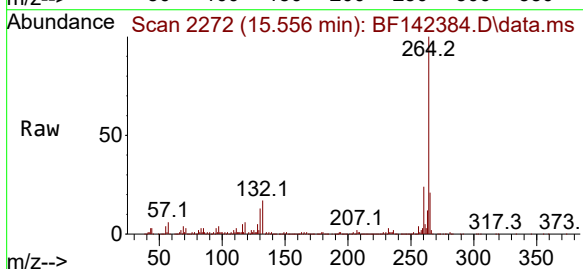
Tgt Ion:264 Resp: 334801

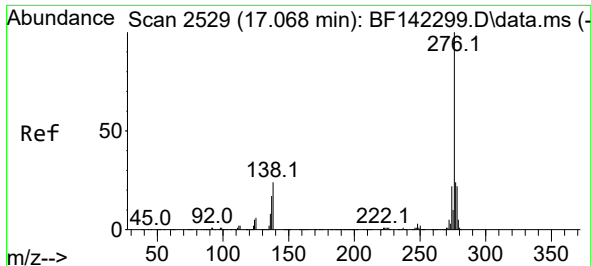
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 21.4 17.5 26.3

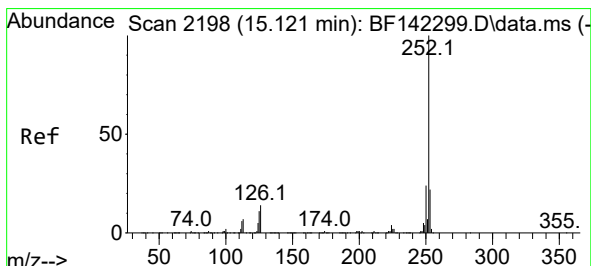
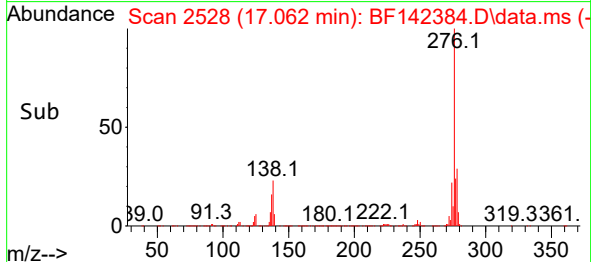
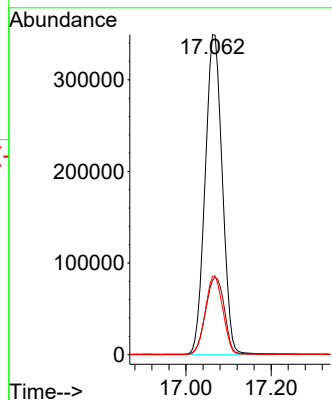
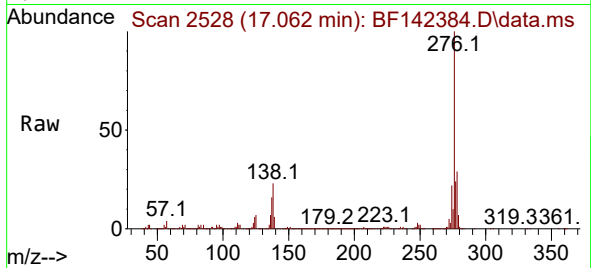




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 41.956 ng
 RT: 17.062 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

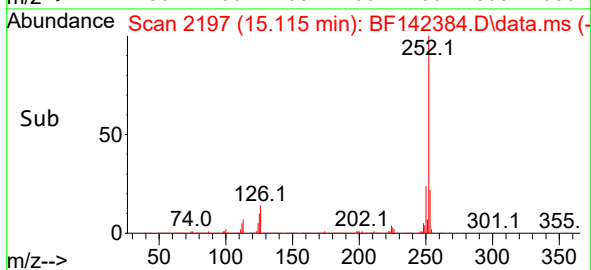
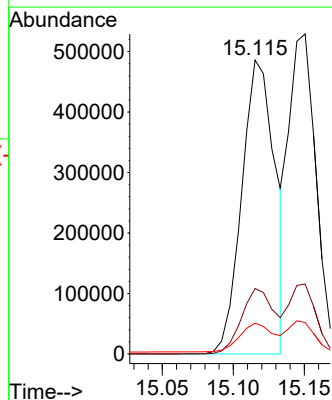
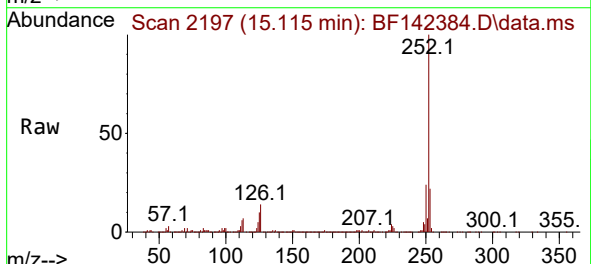
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

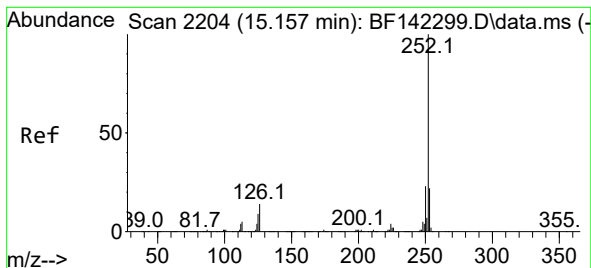
Tgt Ion:276 Resp: 977143
 Ion Ratio Lower Upper
 276 100
 138 26.1 22.0 33.0
 277 25.1 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 38.990 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF142384.D
 Acq: 15 May 2025 10:08

Tgt Ion:252 Resp: 790611
 Ion Ratio Lower Upper
 252 100
 253 22.2 17.7 26.5
 125 10.5 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 38.028 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

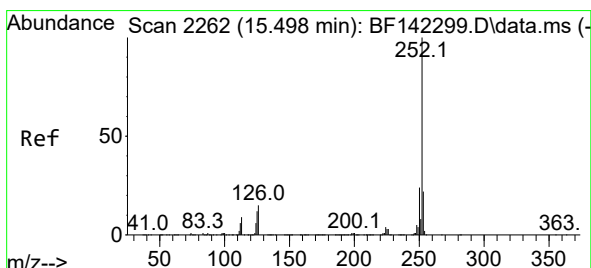
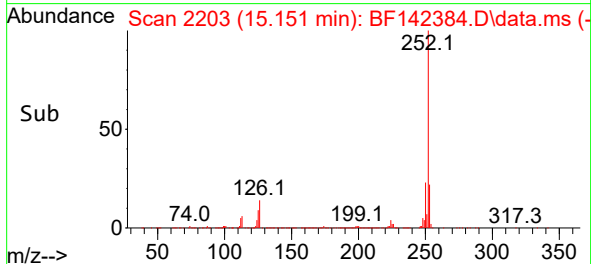
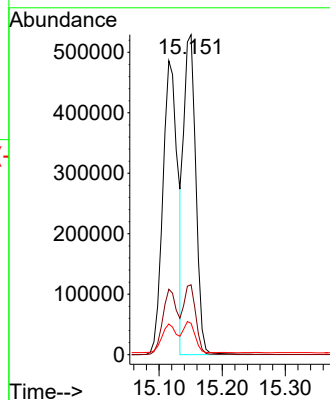
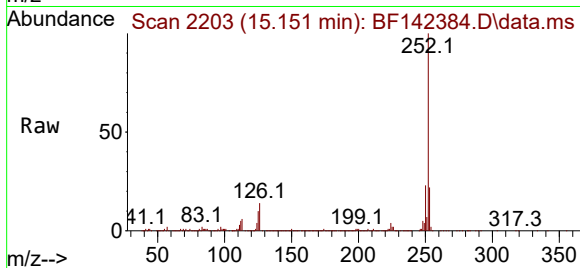
Tgt Ion:252 Resp: 705674

Ion Ratio Lower Upper

252 100

253 21.8 17.6 26.4

125 9.8 8.1 12.1



#90

Benzo(a)pyrene

Concen: 40.961 ng

RT: 15.492 min Scan# 2261

Delta R.T. -0.006 min

Lab File: BF142384.D

Acq: 15 May 2025 10:08

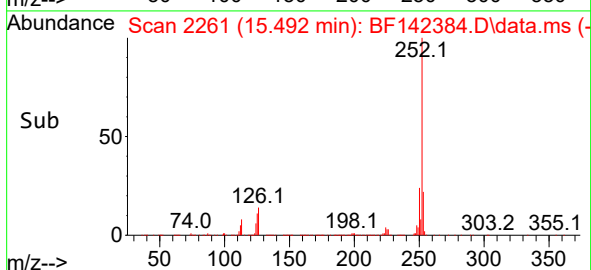
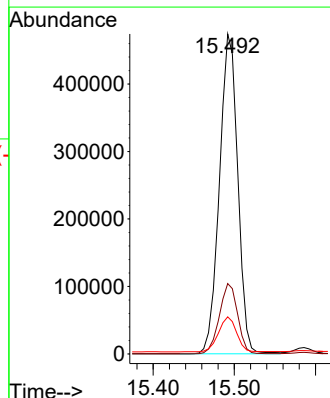
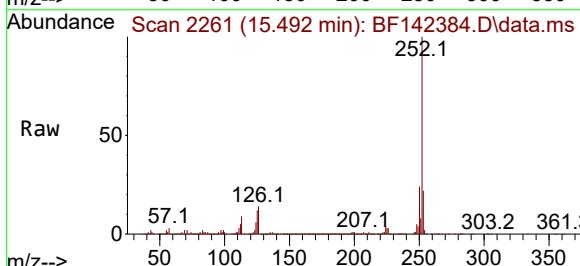
Tgt Ion:252 Resp: 744294

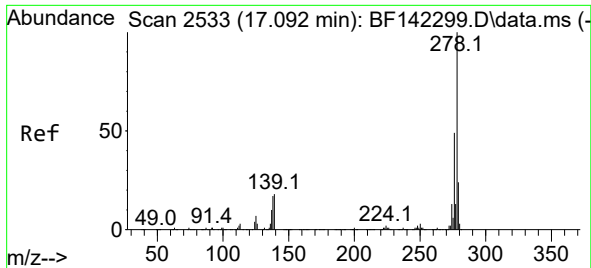
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 11.6 9.4 14.0

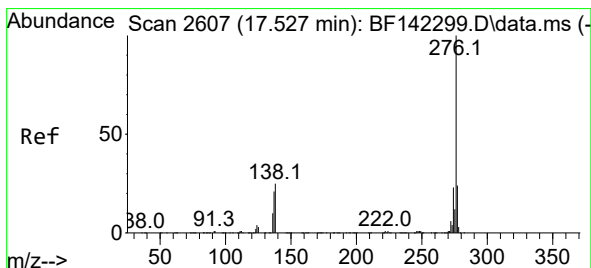
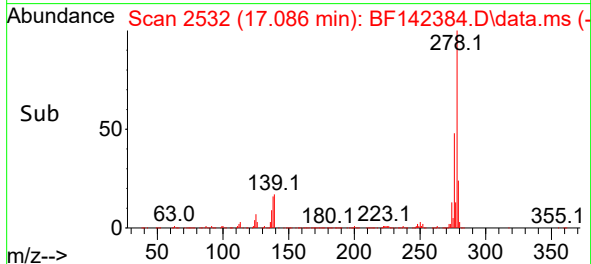
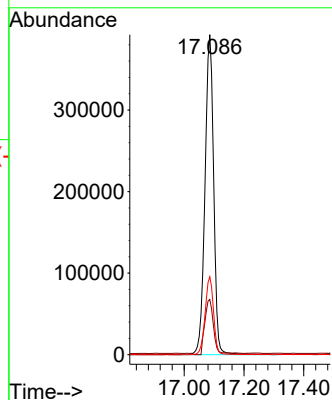
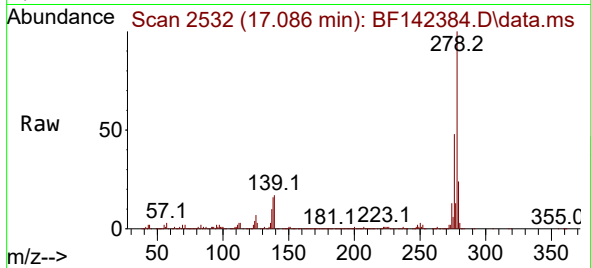




#91
Dibenzo(a,h)anthracene
Concen: 41.131 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:278 Resp: 791409
Ion Ratio Lower Upper
278 100
139 17.2 14.5 21.7
279 24.4 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 40.669 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142384.D
Acq: 15 May 2025 10:08

Tgt Ion:276 Resp: 776651
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.6
138 22.3 19.8 29.6

