

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051525\
 Data File : BF142402.D
 Acq On : 15 May 2025 20:07
 Operator : RC/JU
 Sample : Q2022-04MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MSD

Quant Time: May 16 01:08:50 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	162790	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	620987	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	338192	20.000	ng	0.00
64) Phenanthrene-d10	11.428	188	579758	20.000	ng	0.00
76) Chrysene-d12	14.069	240	357299	20.000	ng	0.00
86) Perylene-d12	15.557	264	357885	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	683968	71.723	ng	0.00
7) Phenol-d6	6.522	99	874017	74.519	ng	0.00
23) Nitrobenzene-d5	7.463	82	499200	49.026	ng	0.00
42) 2,4,6-Tribromophenol	10.728	330	290914	89.096	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1024155	43.180	ng	0.00
79) Terphenyl-d14	13.010	244	927111	38.405	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.734	88	154189	35.905	ng	97
3) Pyridine	3.493	79	411446	40.809	ng	97
4) n-Nitrosodimethylamine	3.446	42	233397	39.830	ng	98
6) Aniline	6.563	93	542750	47.178	ng	99
8) 2-Chlorophenol	6.687	128	452954	44.449	ng	97
9) Benzaldehyde	6.451	77	281144	40.956	ng	99
10) Phenol	6.540	94	564784	45.427	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	413875	33.757	ng	98
12) 1,3-Dichlorobenzene	6.845	146	483001	41.429	ng	98
13) 1,4-Dichlorobenzene	6.922	146	489009	41.776	ng	99
14) 1,2-Dichlorobenzene	7.069	146	474059	42.192	ng	100
15) Benzyl Alcohol	7.040	79	364826	48.036	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.175	45	705373	38.527	ng	100
17) 2-Methylphenol	7.151	107	352891	42.774	ng	99
18) Hexachloroethane	7.416	117	166695	42.801	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	293904	40.511	ng	99
20) 3+4-Methylphenols	7.304	107	440768	42.807	ng	# 85
22) Acetophenone	7.310	105	576455	41.750	ng	99
24) Nitrobenzene	7.481	77	441166	45.964	ng	97
25) Isophorone	7.722	82	818056	42.427	ng	100
26) 2-Nitrophenol	7.798	139	241427	51.829	ng	99
27) 2,4-Dimethylphenol	7.834	122	426758	44.022	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	504242	40.670	ng	99
29) 2,4-Dichlorophenol	8.040	162	381274	46.261	ng	99
30) 1,2,4-Trichlorobenzene	8.128	180	403850	43.539	ng	99
31) Naphthalene	8.210	128	1276899	42.427	ng	100
32) Benzoic acid	7.945	122	288696	53.643	ng	98
33) 4-Chloroaniline	8.251	127	152172	12.391	ng	98
34) Hexachlorobutadiene	8.322	225	242284	44.112	ng	99
35) Caprolactam	8.622	113	91283	38.003	ng	94
36) 4-Chloro-3-methylphenol	8.734	107	388525	45.349	ng	98
37) 2-Methylnaphthalene	8.898	142	798819	42.714	ng	99
38) 1-Methylnaphthalene	8.998	142	830523	42.608	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	402310	42.593	ng	98
41) Hexachlorocyclopentadiene	9.051	237	473649	81.140	ng	100
43) 2,4,6-Trichlorophenol	9.175	196	289247	48.549	ng	100

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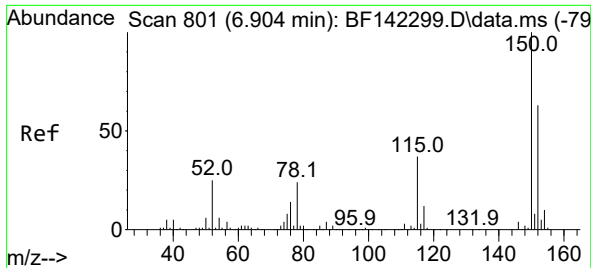
Quant Time: May 16 01:08:50 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	297356	46.908	ng	99
46) 1,1'-Biphenyl	9.363	154	1083275	41.776	ng	99
47) 2-Chloronaphthalene	9.386	162	809416	41.974	ng	100
48) 2-Nitroaniline	9.481	65	254698	51.528	ng	93
49) Acenaphthylene	9.804	152	1371764	42.523	ng	100
50) Dimethylphthalate	9.663	163	976173	44.951	ng	99
51) 2,6-Dinitrotoluene	9.722	165	219535	54.008	ng	90
52) Acenaphthene	9.975	154	917632	47.308	ng	99
53) 3-Nitroaniline	9.886	138	157734	33.086	ng	96
54) 2,4-Dinitrophenol	9.998	184	251043	114.404	ng	# 1
55) Dibenzofuran	10.145	168	1212339	42.350	ng	100
56) 4-Nitrophenol	10.045	139	379799	105.853	ng	99
57) 2,4-Dinitrotoluene	10.128	165	296053	56.779	ng	96
58) Fluorene	10.492	166	930395	42.588	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.263	232	259178	49.527	ng	96
60) Diethylphthalate	10.363	149	969078	44.685	ng	99
61) 4-Chlorophenyl-phenyle...	10.481	204	451261	42.814	ng	99
62) 4-Nitroaniline	10.504	138	234474	62.056	ng	99
63) Azobenzene	10.639	77	945343	45.616	ng	98
65) 4,6-Dinitro-2-methylph...	10.533	198	158081	56.923	ng	92
66) n-Nitrosodiphenylamine	10.598	169	844975	43.799	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	291474	44.360	ng	99
68) Hexachlorobenzene	11.033	284	325451	45.029	ng	98
69) Atrazine	11.128	200	270836	53.257	ng	99
70) Pentachlorophenol	11.228	266	377337	99.242	ng	98
71) Phenanthrene	11.451	178	1307667	43.030	ng	99
72) Anthracene	11.504	178	1320292	42.283	ng	100
73) Carbazole	11.657	167	1201380	42.885	ng	100
74) Di-n-butylphthalate	11.986	149	1498372	50.865	ng	100
75) Fluoranthene	12.639	202	1230631	40.511	ng	99
77) Benzidine	12.763	184	594398	91.543	ng	97
78) Pyrene	12.869	202	1219651	38.350	ng	100
80) Butylbenzylphthalate	13.486	149	498308	53.256	ng	98
81) Benzo(a)anthracene	14.057	228	1008432	43.581	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	237050	44.053	ng	99
83) Chrysene	14.092	228	939296	43.605	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	690780	56.345	ng	99
85) Di-n-octyl phthalate	14.663	149	1140580	51.631	ng	97
87) Indeno(1,2,3-cd)pyrene	17.057	276	766815	30.801	ng	99
88) Benzo(b)fluoranthene	15.116	252	1022509	47.173	ng	99
89) Benzo(k)fluoranthene	15.151	252	924000	46.582	ng	100
90) Benzo(a)pyrene	15.492	252	894784	46.067	ng	100
91) Dibenzo(a,h)anthracene	17.080	278	621912	30.237	ng	99
92) Benzo(g,h,i)perylene	17.509	276	576490	28.241	ng	99

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

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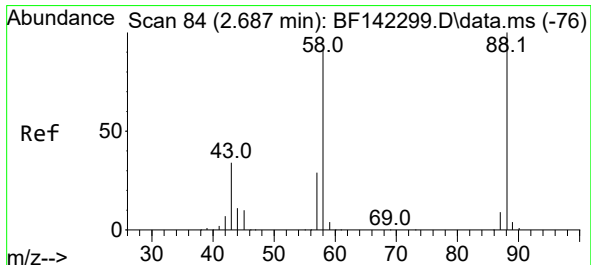
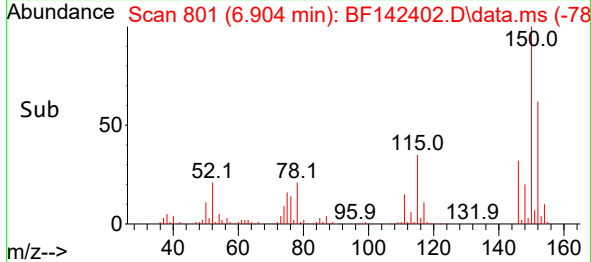
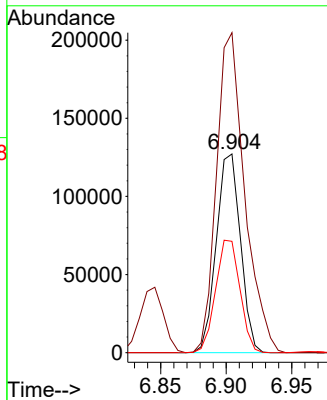
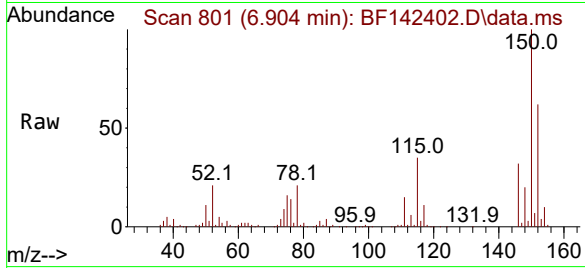




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.904 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

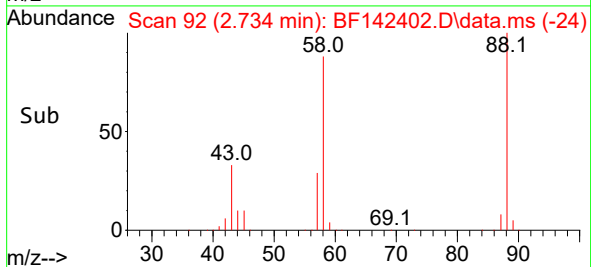
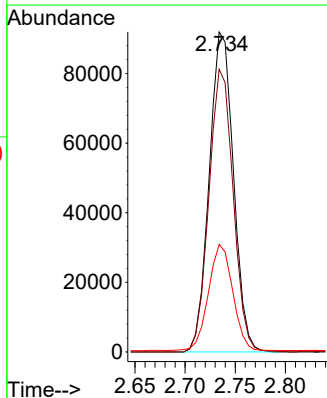
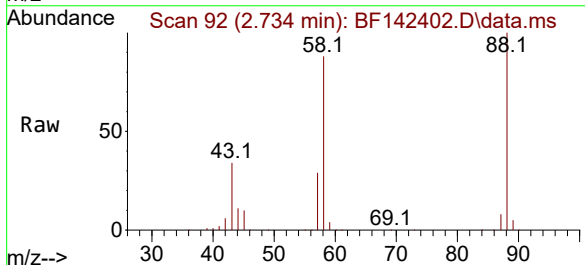
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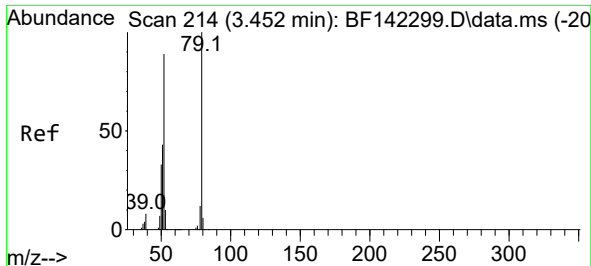
Tgt Ion:152 Resp: 162790
 Ion Ratio Lower Upper
 152 100
 150 161.0 126.6 190.0
 115 56.0 47.3 70.9



#2
 1,4-Dioxane
 Concen: 35.905 ng
 RT: 2.734 min Scan# 92
 Delta R.T. 0.047 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

Tgt Ion: 88 Resp: 154189
 Ion Ratio Lower Upper
 88 100
 58 88.6 73.0 109.4
 43 33.2 27.8 41.6

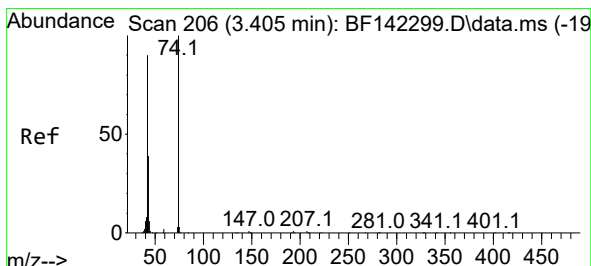
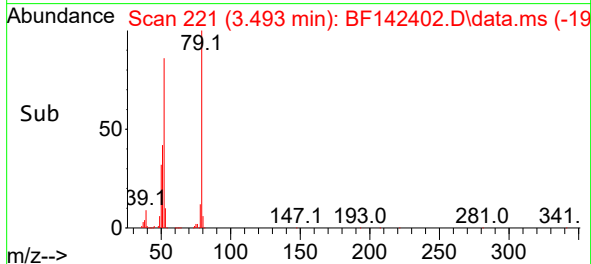
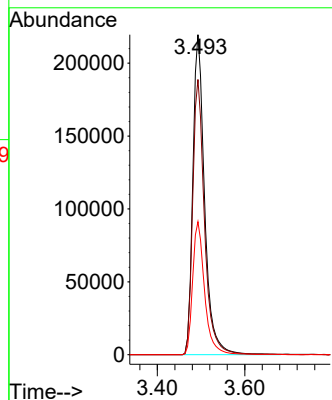
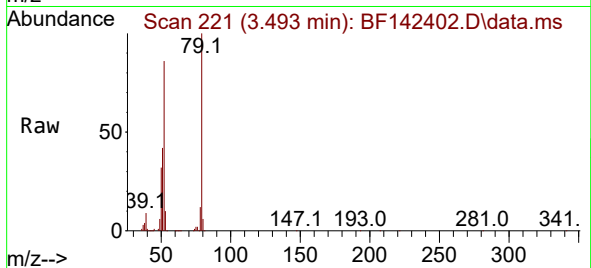




#3
 Pyridine
 Concen: 40.809 ng
 RT: 3.493 min Scan# 214
 Delta R.T. 0.041 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

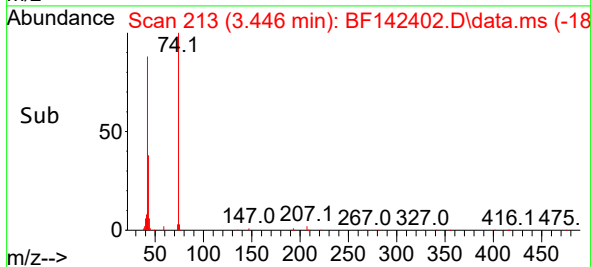
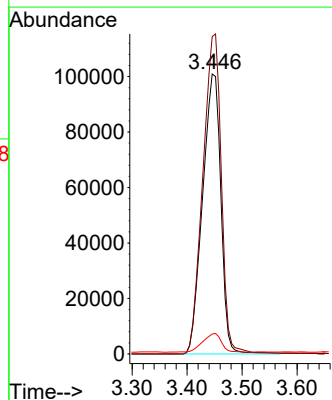
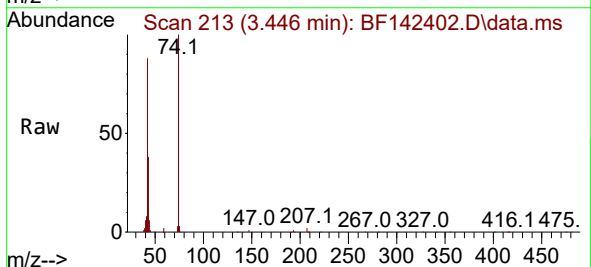
Instrument :
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 ClientSampleId :
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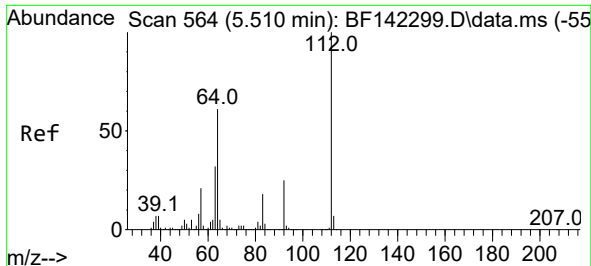
Tgt Ion: 79 Resp: 411446
 Ion Ratio Lower Upper
 79 100
 52 86.0 71.0 106.4
 51 41.5 34.9 52.3



#4
 n-Nitrosodimethylamine
 Concen: 39.830 ng
 RT: 3.446 min Scan# 213
 Delta R.T. 0.041 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

Tgt Ion: 42 Resp: 233397
 Ion Ratio Lower Upper
 42 100
 74 113.4 88.5 132.7
 44 7.1 5.8 8.8

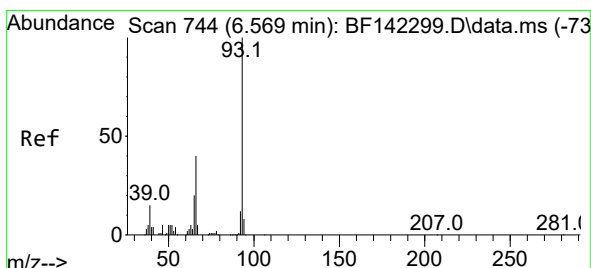
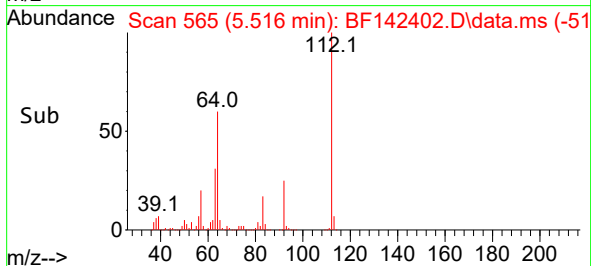
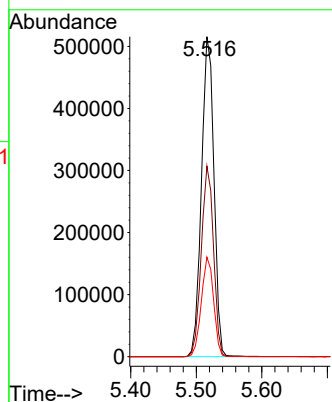
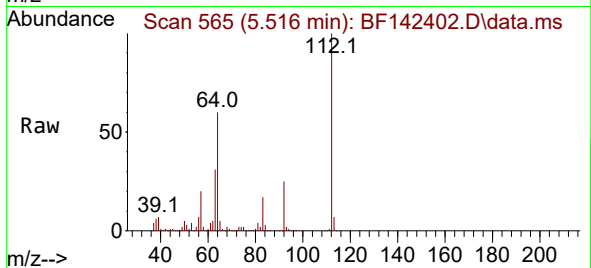




#5
2-Fluorophenol
Concen: 71.723 ng
RT: 5.516 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

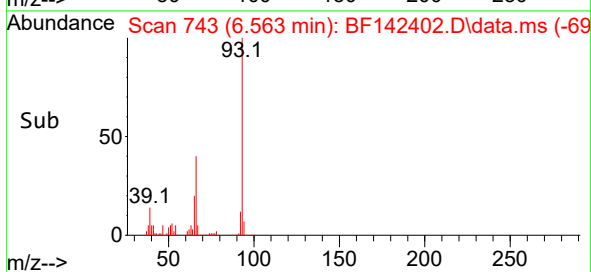
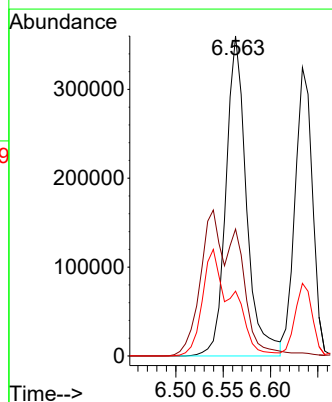
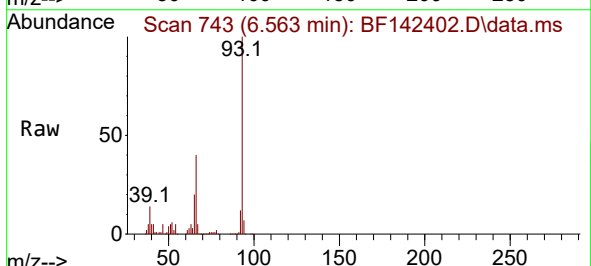
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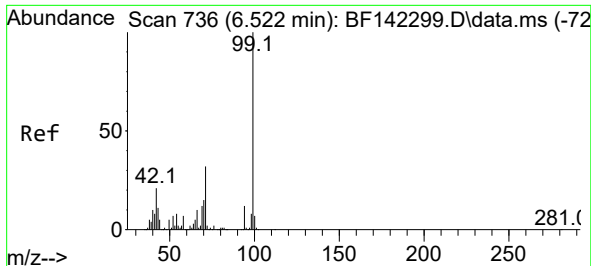
Tgt Ion:112 Resp: 683968
Ion Ratio Lower Upper
112 100
64 59.5 48.9 73.3
63 31.1 25.6 38.4



#6
Aniline
Concen: 47.178 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion: 93 Resp: 542750
Ion Ratio Lower Upper
93 100
66 39.7 32.2 48.4
65 20.3 16.3 24.5

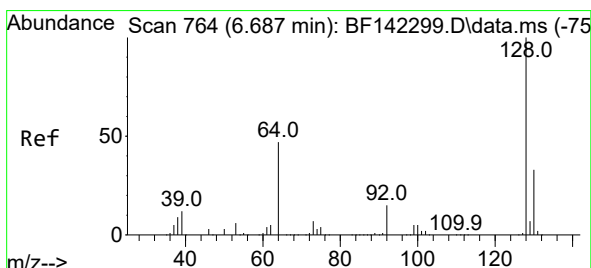
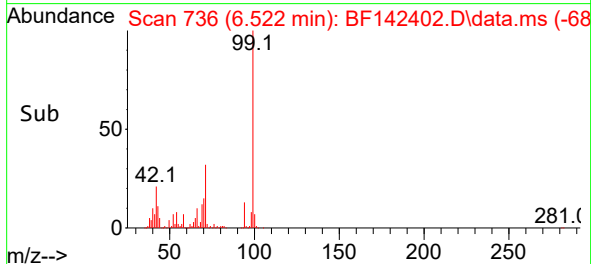
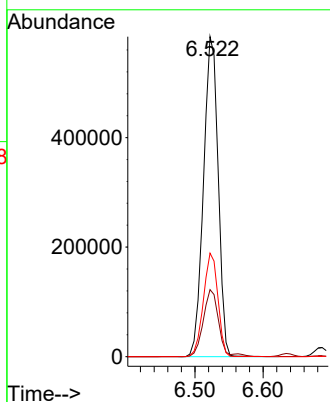
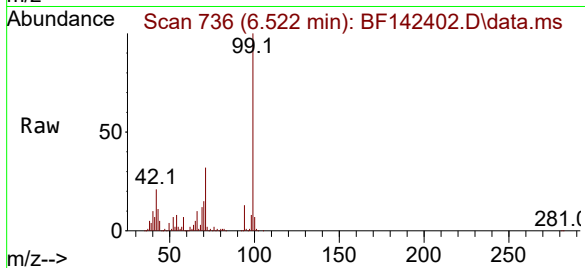




#7
Phenol-d6
Concen: 74.519 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

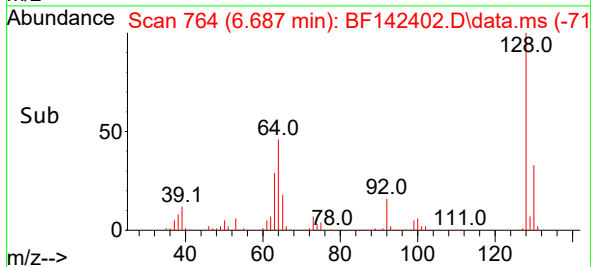
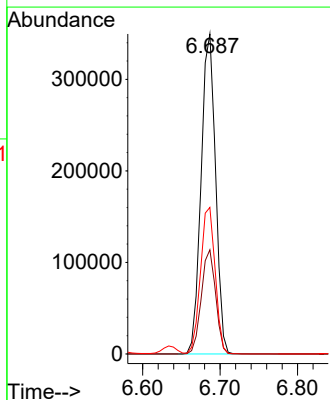
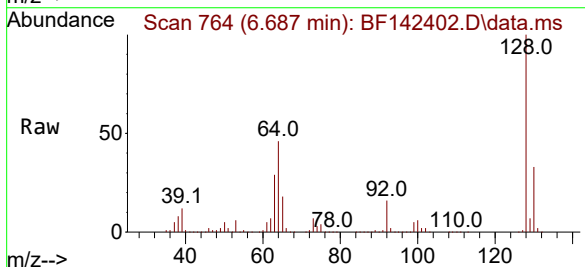
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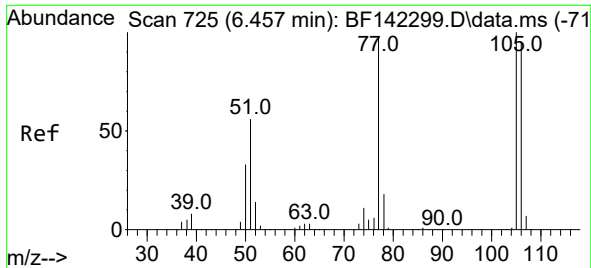
Tgt Ion: 99 Resp: 874017
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.4
71 32.3 25.8 38.8



#8
2-Chlorophenol
Concen: 44.449 ng
RT: 6.687 min Scan# 764
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:128 Resp: 452954
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 45.8 29.2 69.2





#9

Benzaldehyde

Concen: 40.956 ng

RT: 6.451 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

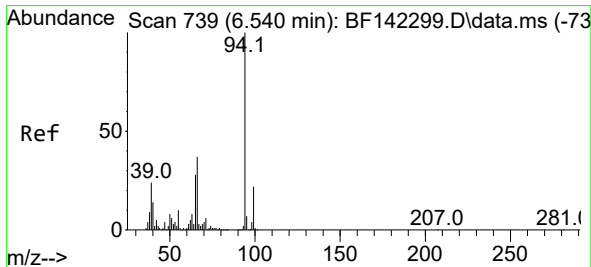
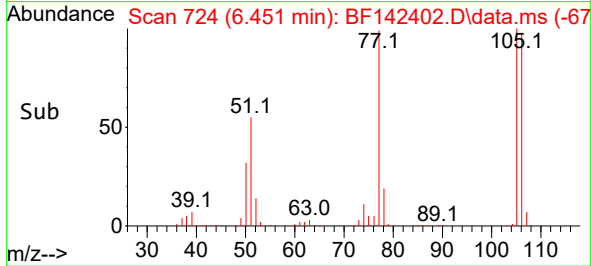
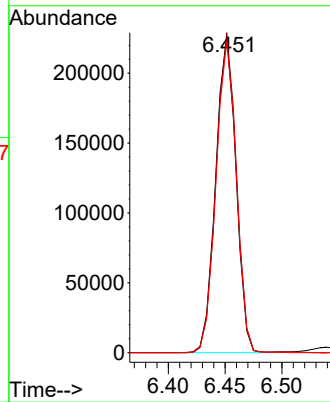
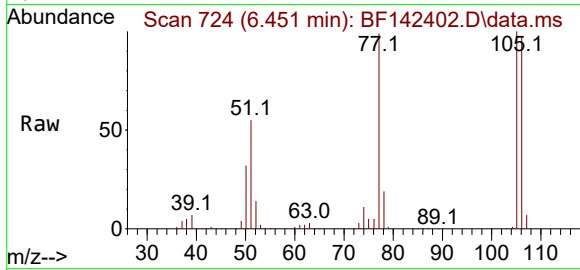
Tgt Ion: 77 Resp: 281144

Ion Ratio Lower Upper

77 100

105 101.2 82.0 122.0

106 98.5 77.2 117.2



#10

Phenol

Concen: 45.427 ng

RT: 6.540 min Scan# 739

Delta R.T. -0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

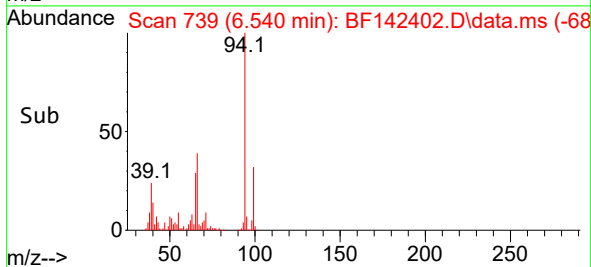
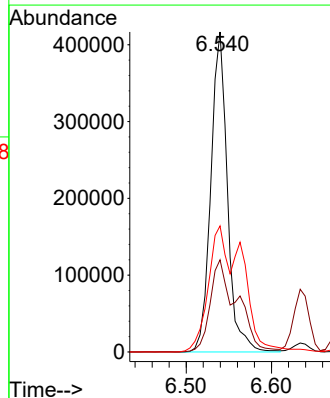
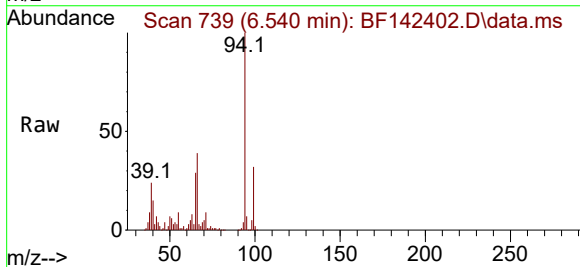
Tgt Ion: 94 Resp: 564784

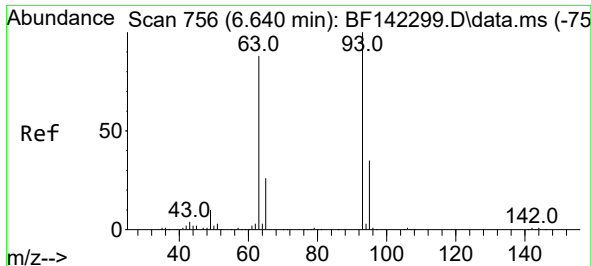
Ion Ratio Lower Upper

94 100

65 28.8 8.5 48.5

66 39.4 17.3 57.3





#11

bis(2-Chloroethyl)ether

Concen: 33.757 ng

RT: 6.634 min Scan# 756

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

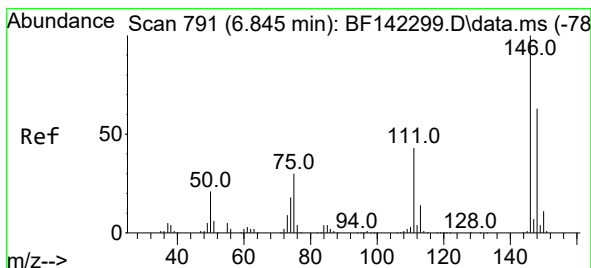
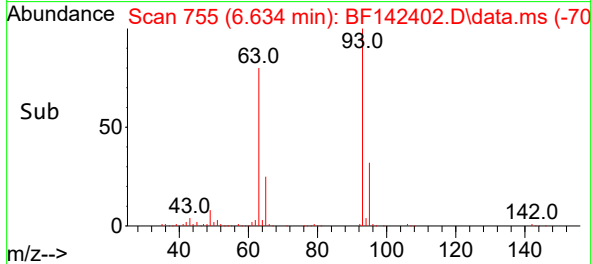
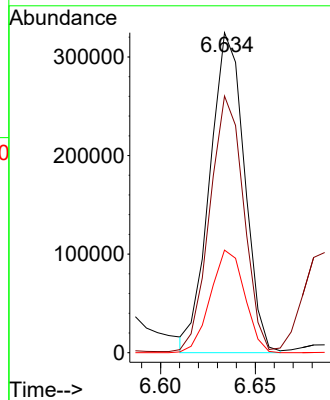
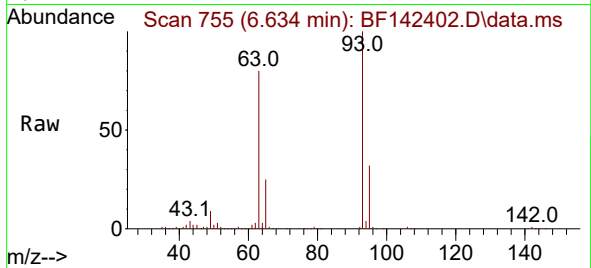
Tgt Ion: 93 Resp: 413875

Ion Ratio Lower Upper

93 100

63 80.2 58.4 98.4

95 32.0 10.6 50.6



#12

1,3-Dichlorobenzene

Concen: 41.429 ng

RT: 6.845 min Scan# 791

Delta R.T. -0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

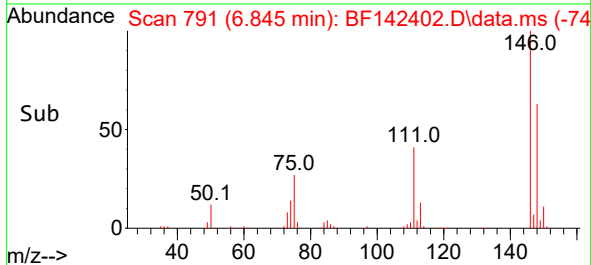
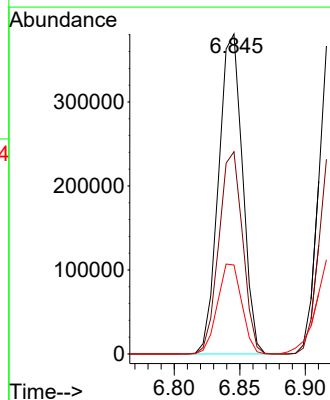
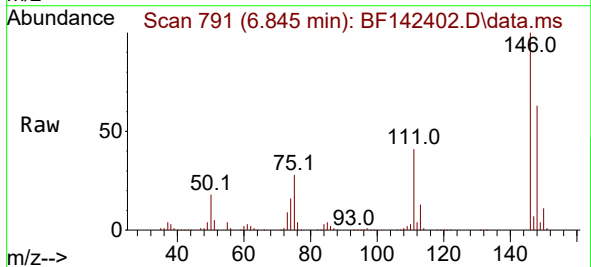
Tgt Ion: 146 Resp: 483001

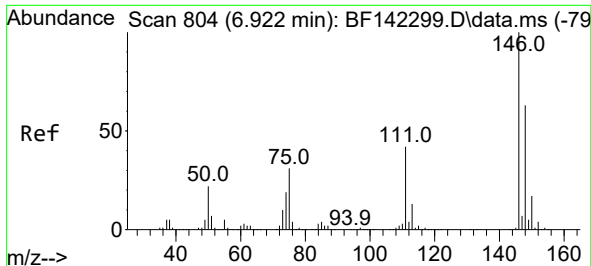
Ion Ratio Lower Upper

146 100

148 63.2 50.6 76.0

75 27.8 24.2 36.4

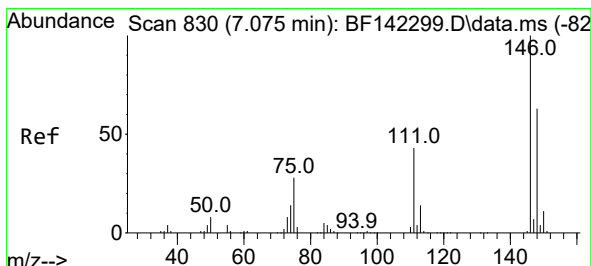
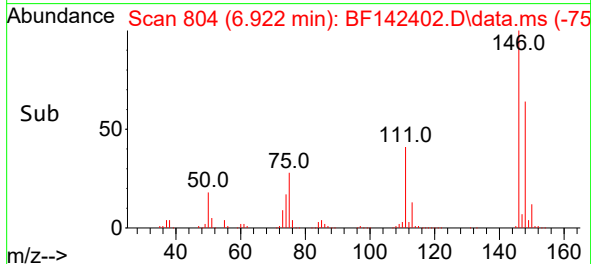
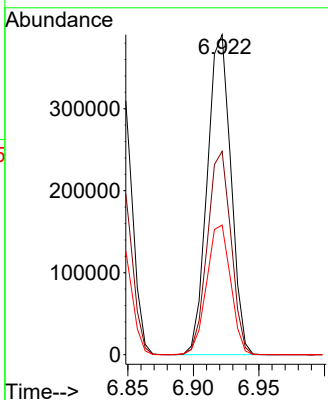
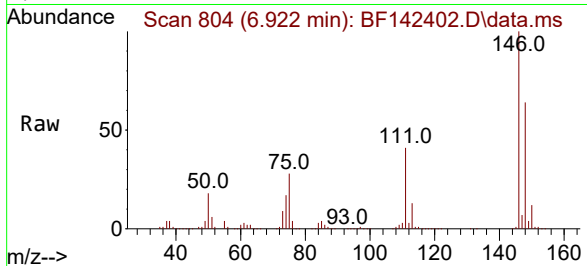




#13
 1,4-Dichlorobenzene
 Concen: 41.776 ng
 RT: 6.922 min Scan# 804
 Delta R.T. -0.000 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

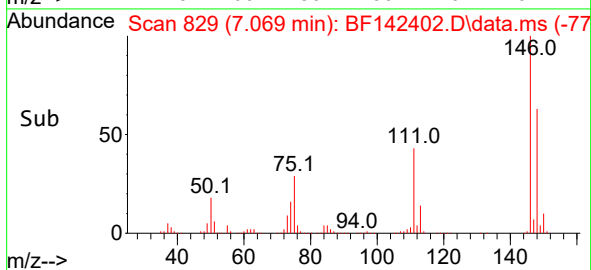
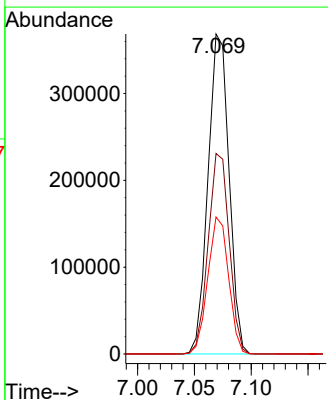
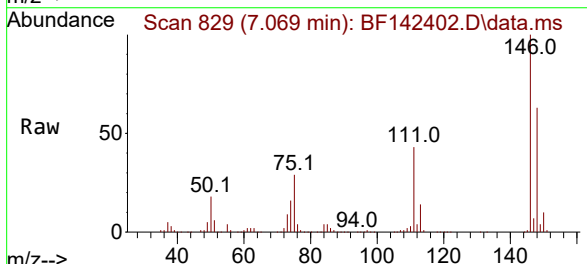
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MSD

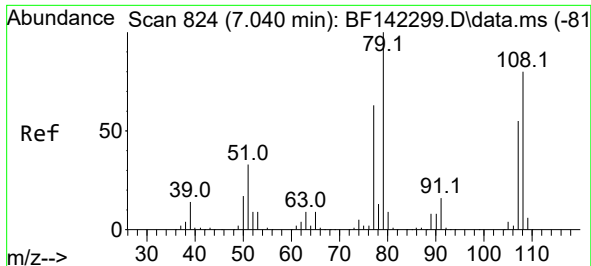
Tgt Ion:146 Resp: 489009
 Ion Ratio Lower Upper
 146 100
 148 63.6 50.5 75.7
 111 40.5 33.4 50.2



#14
 1,2-Dichlorobenzene
 Concen: 42.192 ng
 RT: 7.069 min Scan# 829
 Delta R.T. -0.006 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

Tgt Ion:146 Resp: 474059
 Ion Ratio Lower Upper
 146 100
 148 62.7 50.3 75.5
 111 42.8 34.5 51.7

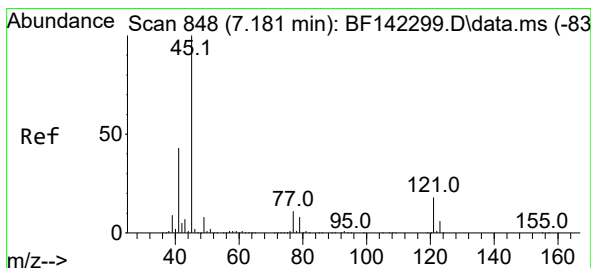
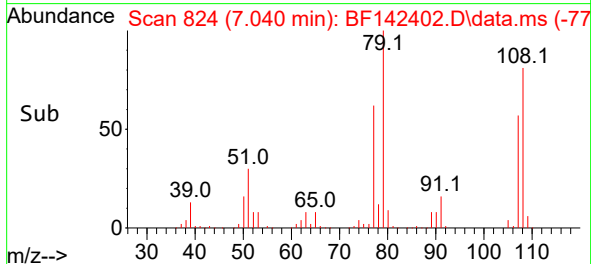
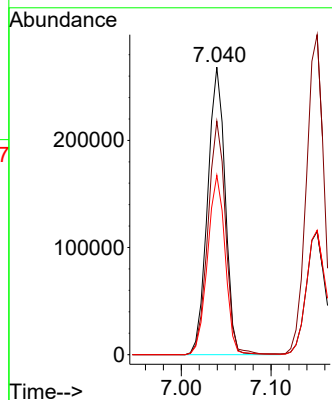
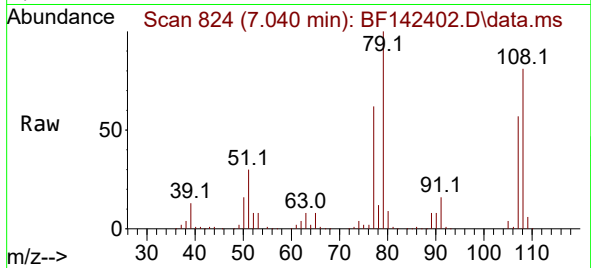




#15
Benzyl Alcohol
Concen: 48.036 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

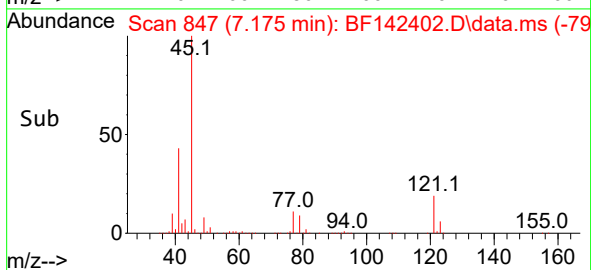
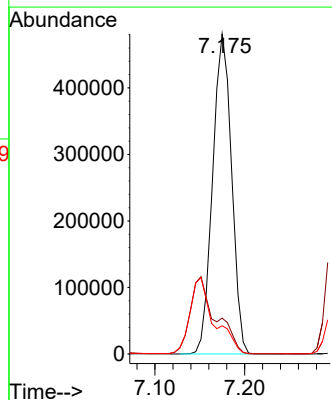
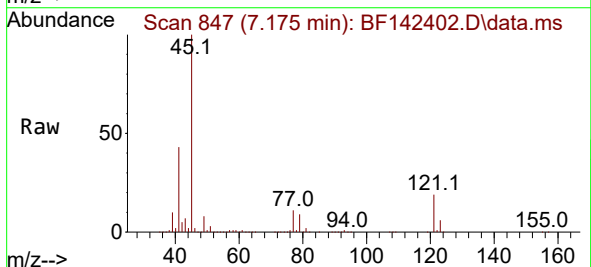
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

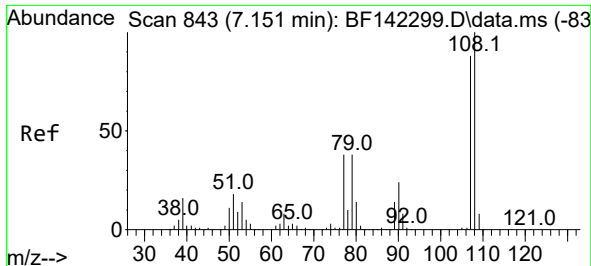
Tgt Ion: 79 Resp: 364826
Ion Ratio Lower Upper
79 100
108 81.2 63.9 95.9
77 62.4 50.7 76.1



#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.527 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion: 45 Resp: 705373
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.8 0.0 28.5

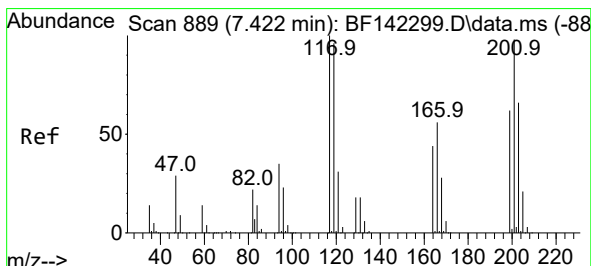
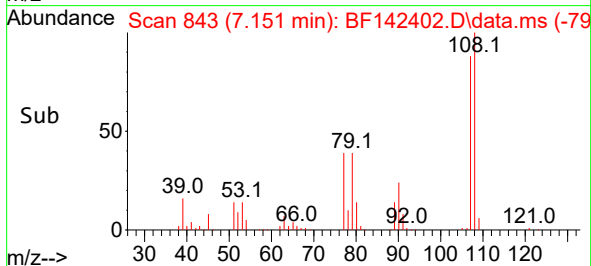
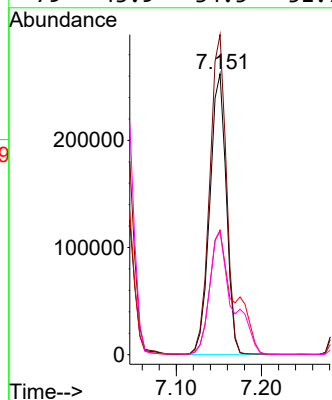
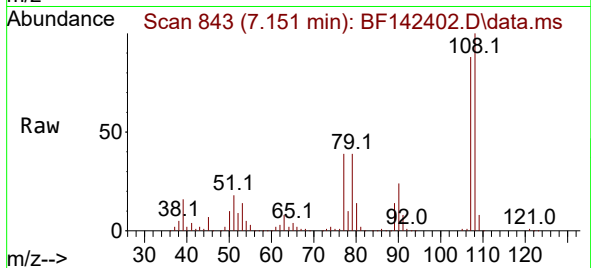




#17
2-Methylphenol
Concen: 42.774 ng
RT: 7.151 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

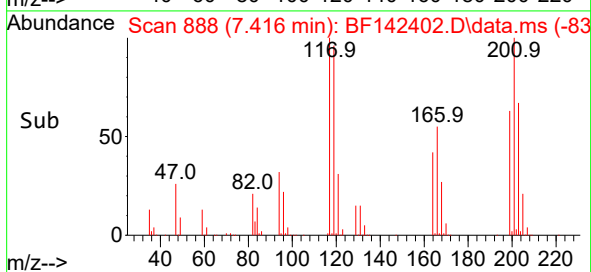
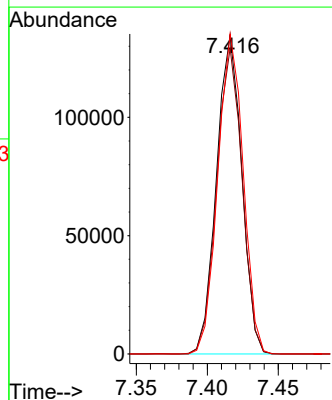
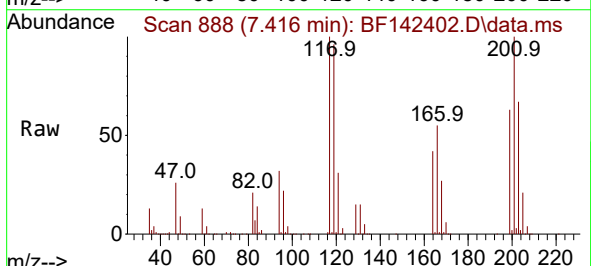
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

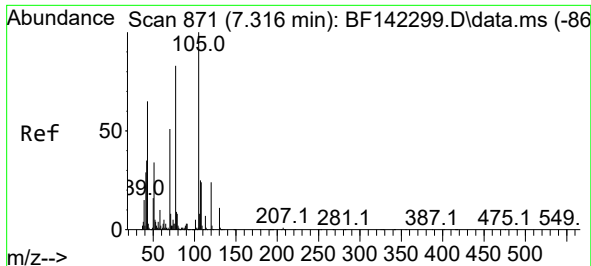
Tgt Ion:	107	Resp:	352891
Ion	Ratio	Lower	Upper
107	100		
108	113.9	91.1	136.7
77	44.3	34.7	52.1
79	43.9	34.5	51.7



#18
Hexachloroethane
Concen: 42.801 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:	117	Resp:	166695
Ion	Ratio	Lower	Upper
117	100		
119	95.9	76.9	115.3
201	100.3	78.0	117.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.511 ng

RT: 7.310 min Scan# 871

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

Tgt Ion: 70 Resp: 293904

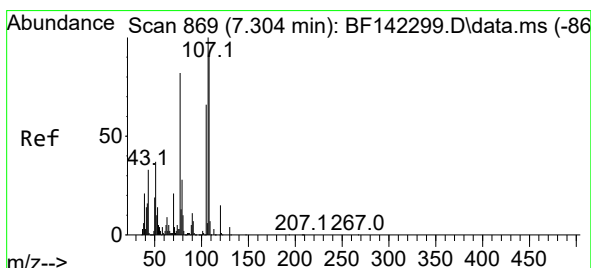
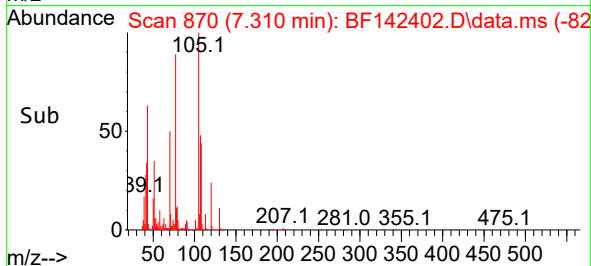
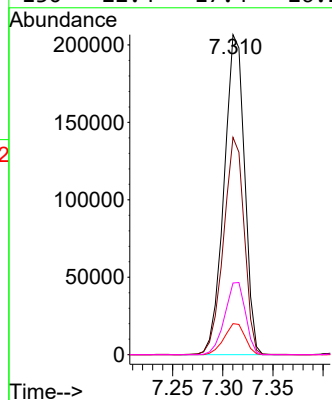
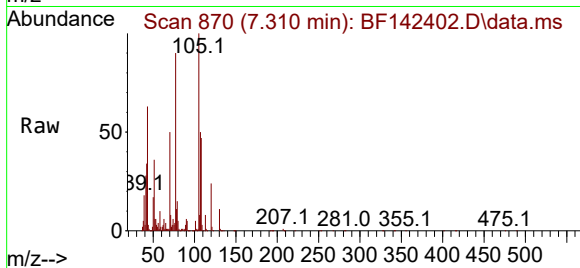
Ion Ratio Lower Upper

70 100

42 67.9 54.8 82.2

101 9.7 7.7 11.5

130 22.4 17.4 26.2



#20

3+4-Methylphenols

Concen: 42.807 ng

RT: 7.304 min Scan# 869

Delta R.T. 0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Tgt Ion:107 Resp: 440768

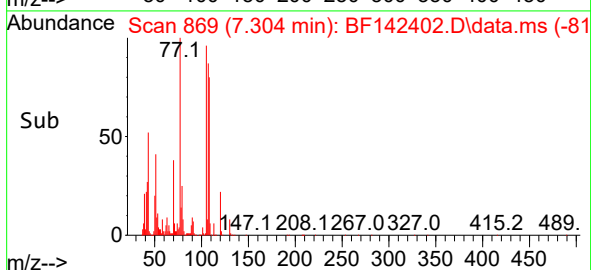
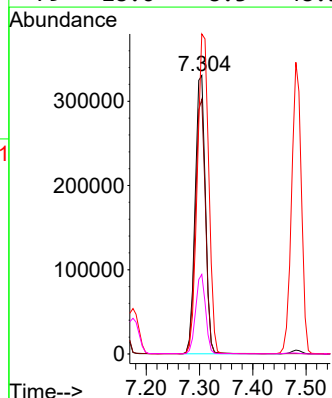
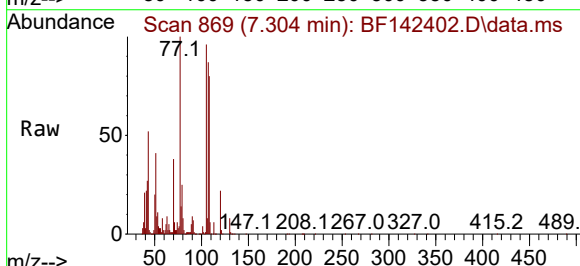
Ion Ratio Lower Upper

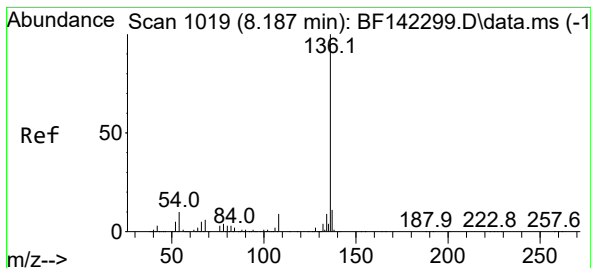
107 100

108 91.4 71.5 111.5

77 114.9 61.6 101.6#

79 28.6 8.3 48.3



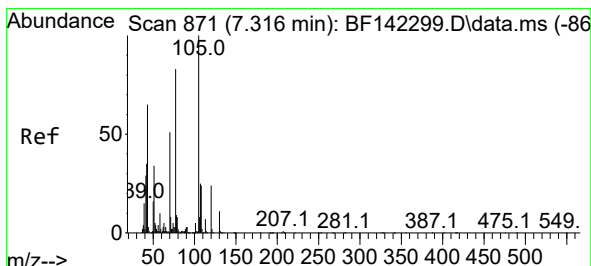
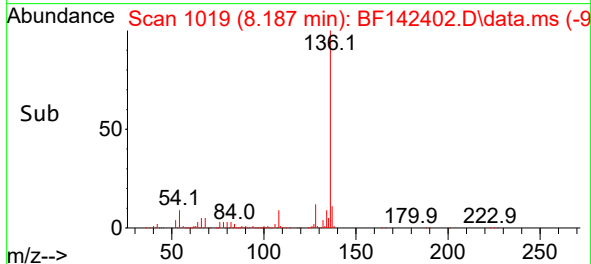
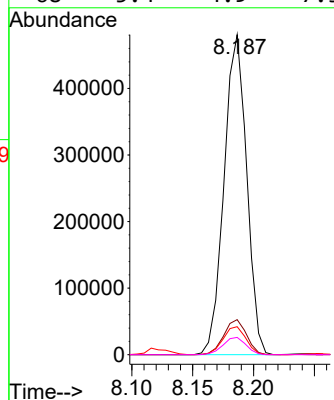
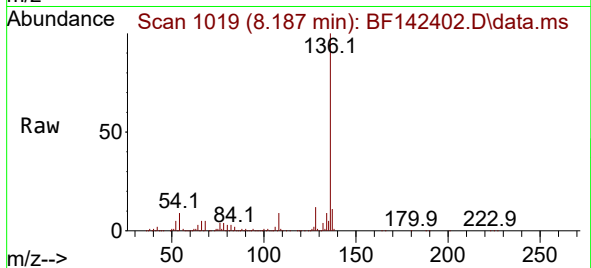


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

Tgt Ion:136 Resp: 620987

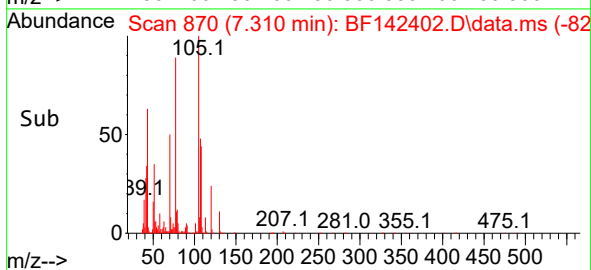
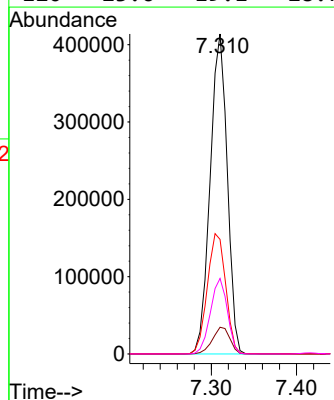
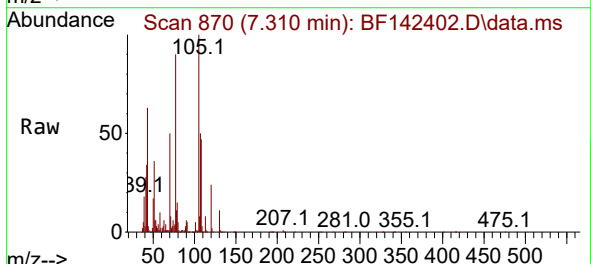
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.9	13.3
54	8.8	7.7	11.5
68	5.4	4.9	7.3

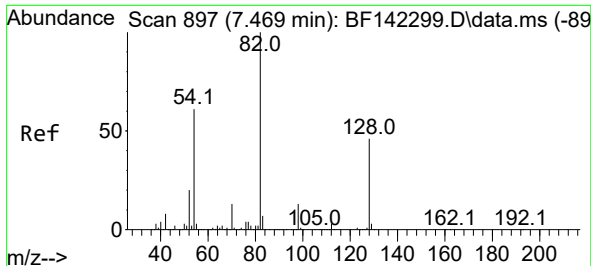


#22
Acetophenone
Concen: 41.750 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:105 Resp: 576455

Ion	Ratio	Lower	Upper
105	100		
71	8.4	6.7	10.1
51	35.8	27.6	41.4
120	23.6	19.1	28.7

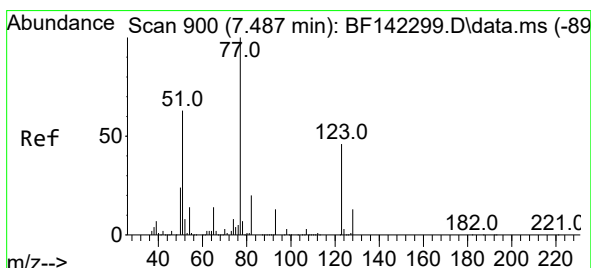
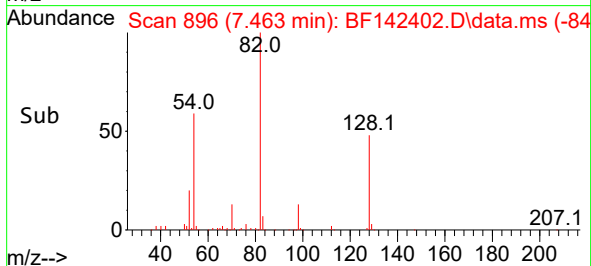
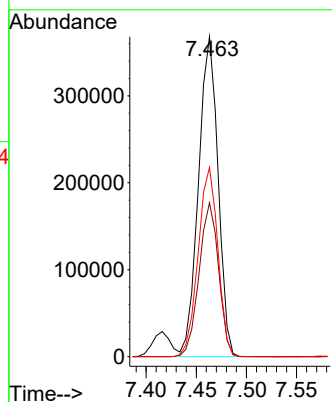
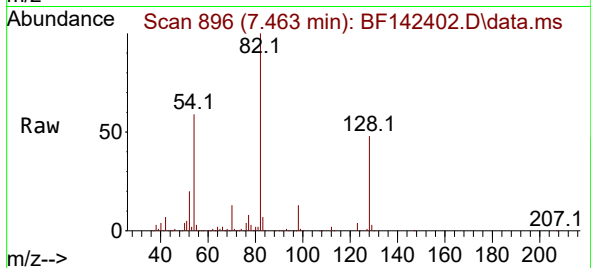




#23
Nitrobenzene-d5
Concen: 49.026 ng
RT: 7.463 min Scan# 897
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

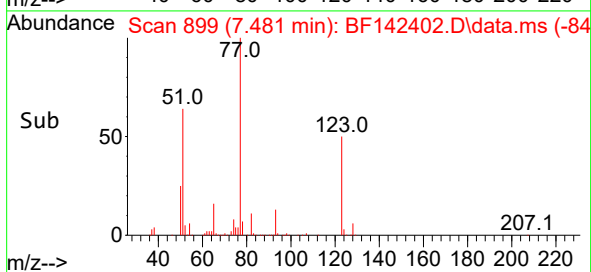
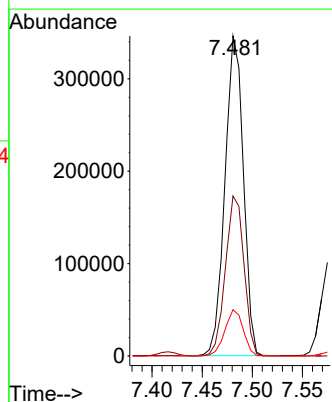
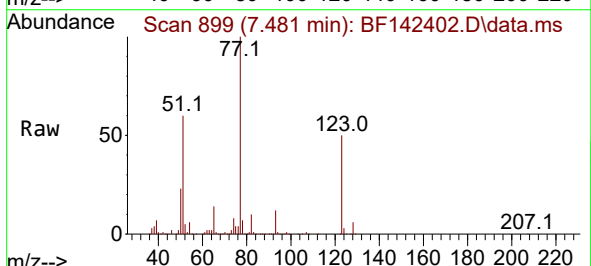
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

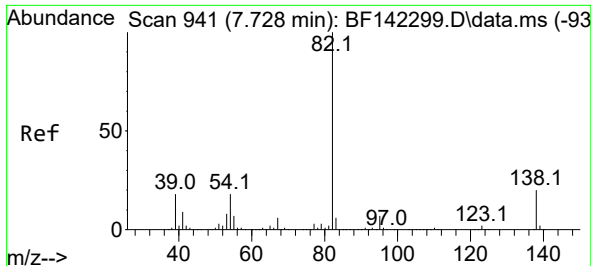
Tgt Ion: 82 Resp: 499200
Ion Ratio Lower Upper
82 100
128 48.1 37.0 55.6
54 59.1 48.6 73.0



#24
Nitrobenzene
Concen: 45.964 ng
RT: 7.481 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion: 77 Resp: 441166
Ion Ratio Lower Upper
77 100
123 50.0 37.8 56.8
65 14.4 11.4 17.0

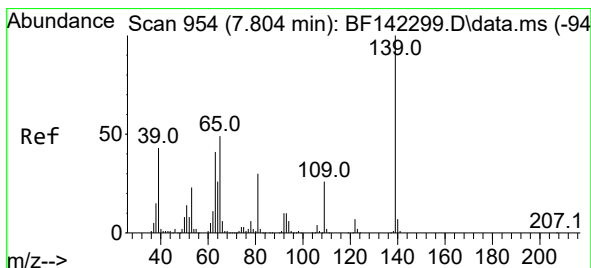
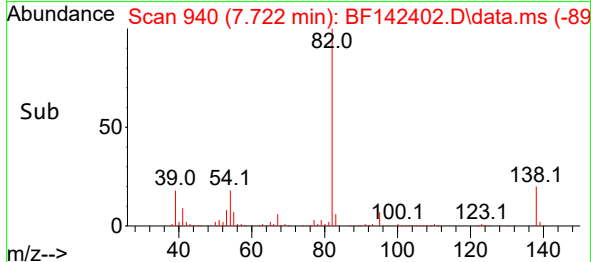
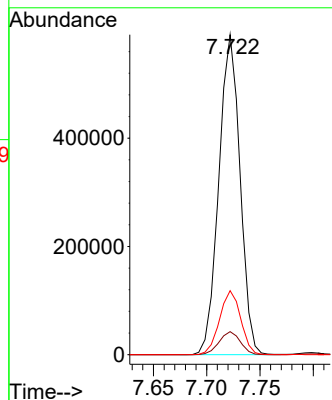
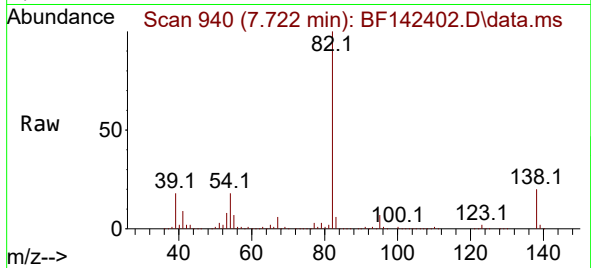




#25
Isophorone
Concen: 42.427 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

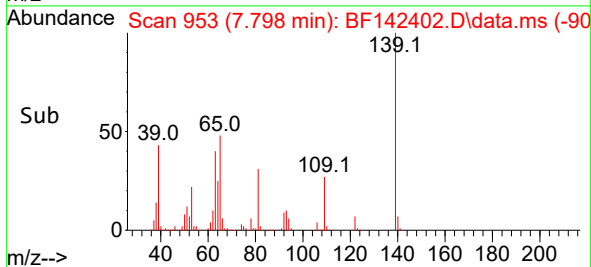
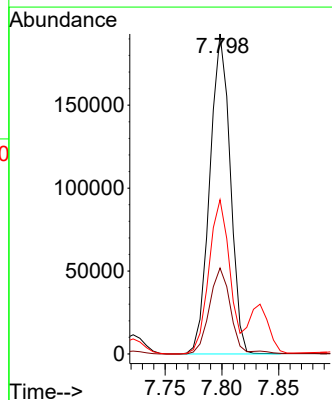
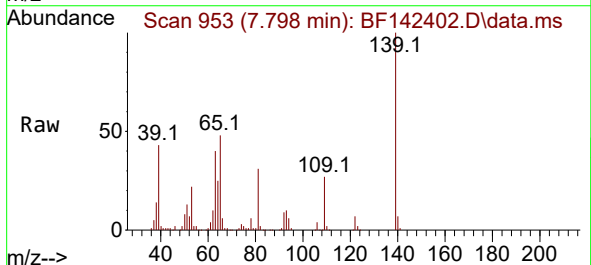
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

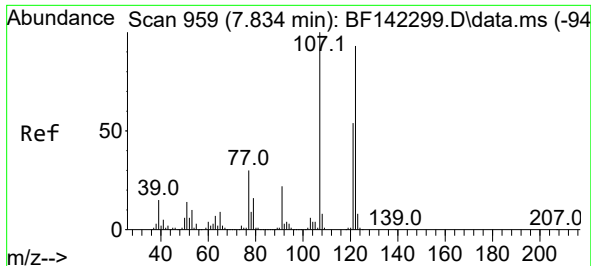
Tgt Ion: 82 Resp: 818056
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 20.0 16.1 24.1



#26
2-Nitrophenol
Concen: 51.829 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:139 Resp: 241427
Ion Ratio Lower Upper
139 100
109 26.8 20.8 31.2
65 48.2 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 44.022 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142402.D

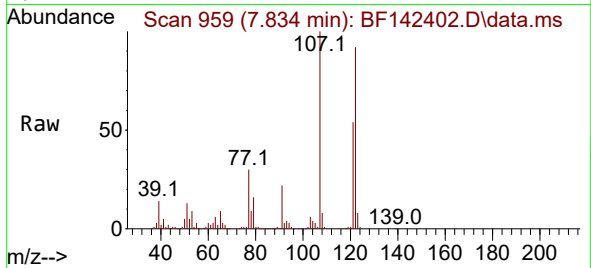
Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD



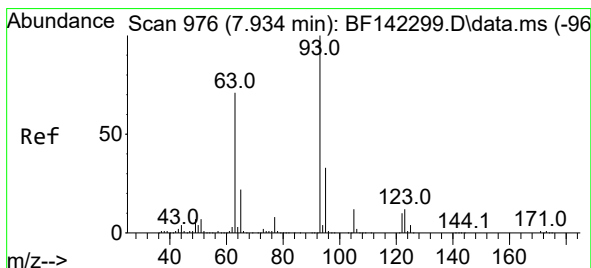
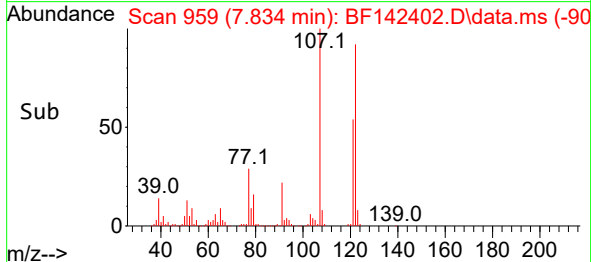
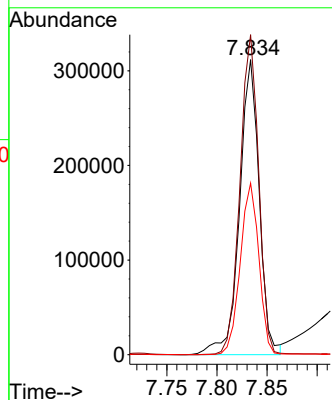
Tgt Ion:122 Resp: 426758

Ion Ratio Lower Upper

122 100

107 108.4 86.0 129.0

121 58.1 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 40.670 ng

RT: 7.934 min Scan# 976

Delta R.T. 0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

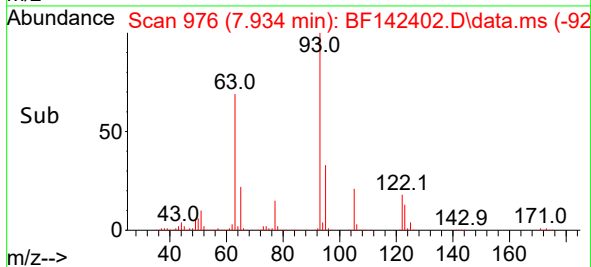
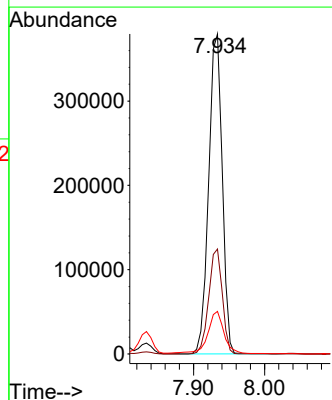
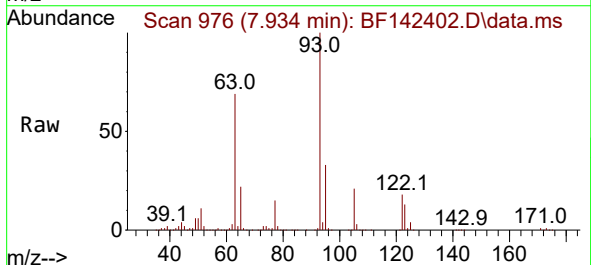
Tgt Ion: 93 Resp: 504242

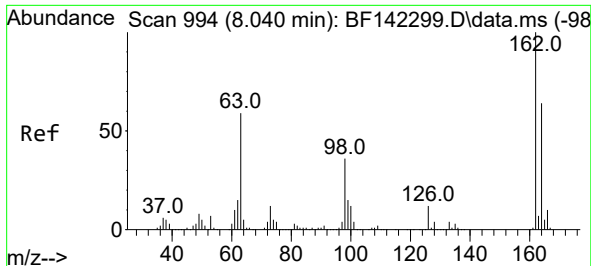
Ion Ratio Lower Upper

93 100

95 32.8 26.1 39.1

123 13.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.261 ng

RT: 8.040 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142402.D

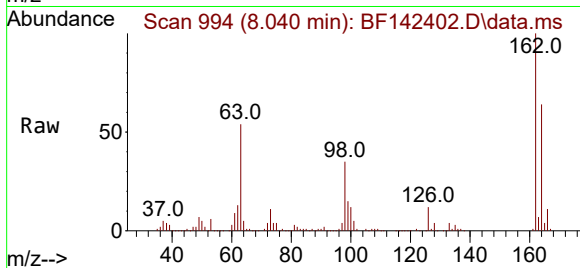
Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD



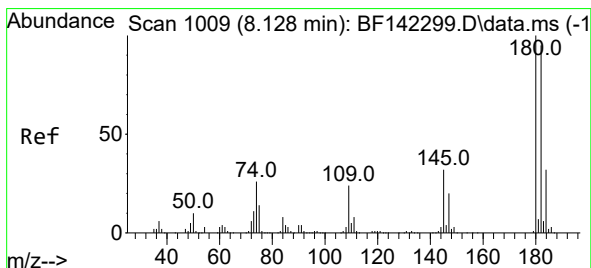
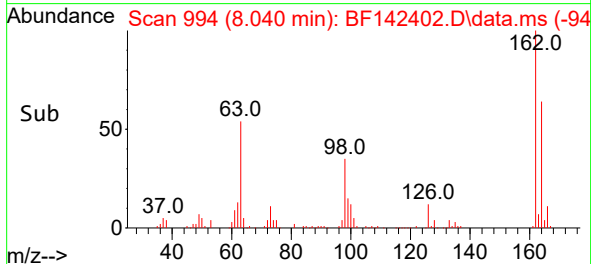
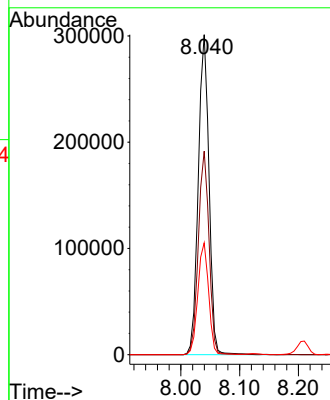
Tgt Ion:162 Resp: 381274

Ion Ratio Lower Upper

162 100

164 63.6 43.6 83.6

98 34.9 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 43.539 ng

RT: 8.128 min Scan# 1009

Delta R.T. -0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

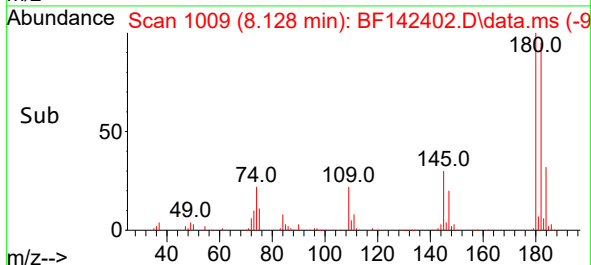
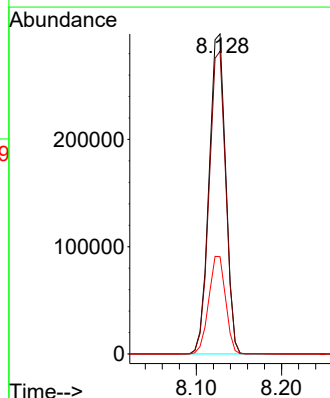
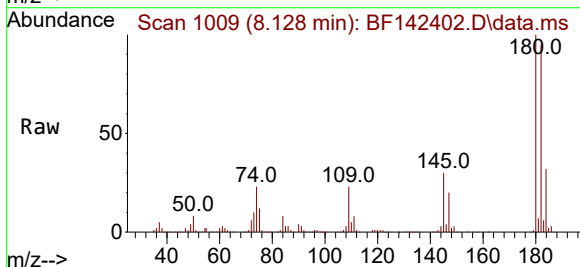
Tgt Ion:180 Resp: 403850

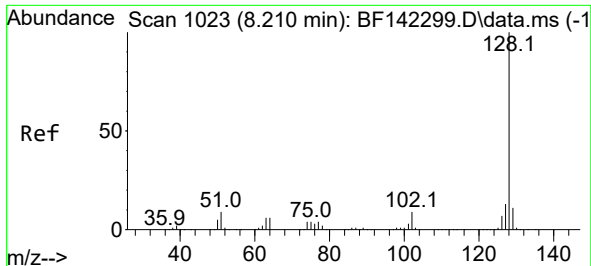
Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.4

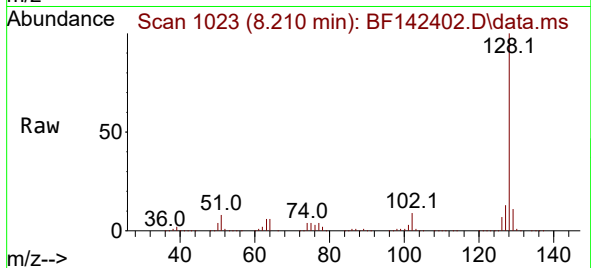
145 30.4 25.8 38.6



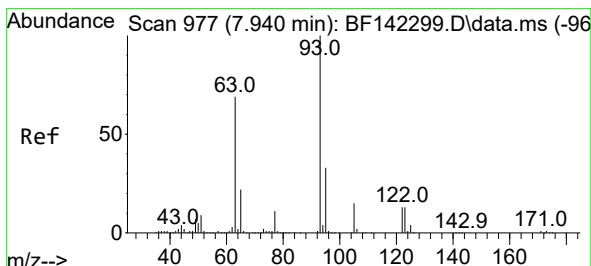
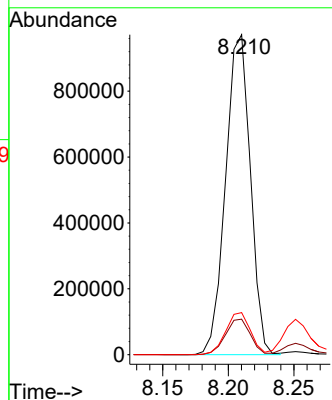
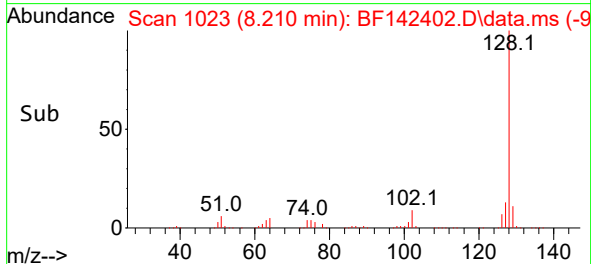


#31
Naphthalene
Concen: 42.427 ng
RT: 8.210 min Scan# 1023
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

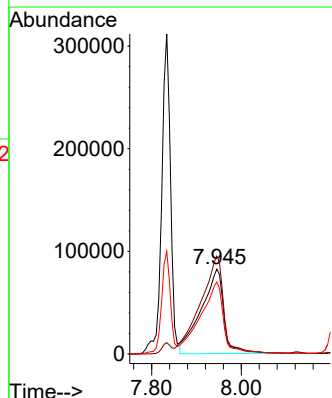
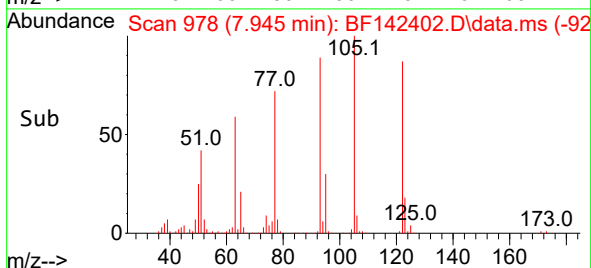
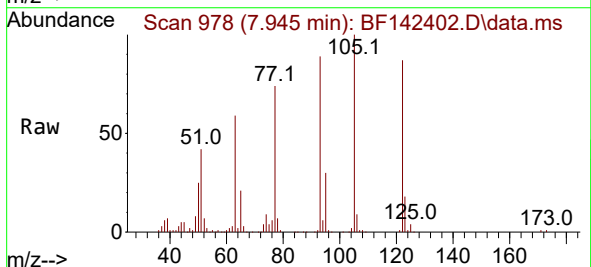


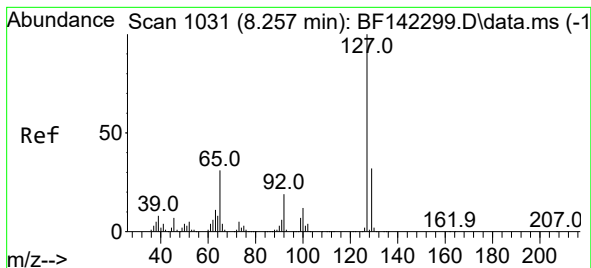
Tgt Ion:128 Resp: 1276899
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.5 15.7



#32
Benzoic acid
Concen: 53.643 ng
RT: 7.945 min Scan# 978
Delta R.T. 0.005 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:122 Resp: 288696
Ion Ratio Lower Upper
122 100
105 115.6 97.9 137.9
77 85.0 67.7 107.7





#33

4-Chloroaniline

Concen: 12.391 ng

RT: 8.251 min Scan# 1

Delta R.T. -0.016 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

Tgt Ion:127 Resp: 152172

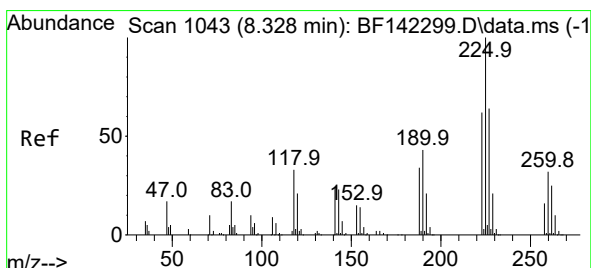
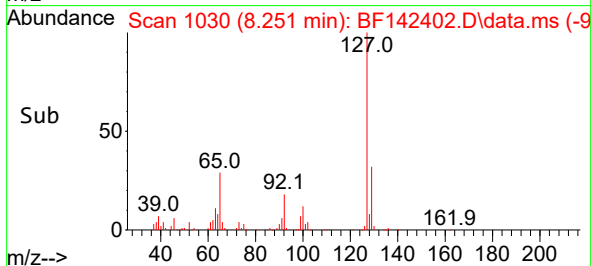
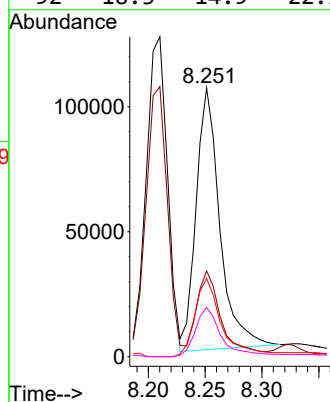
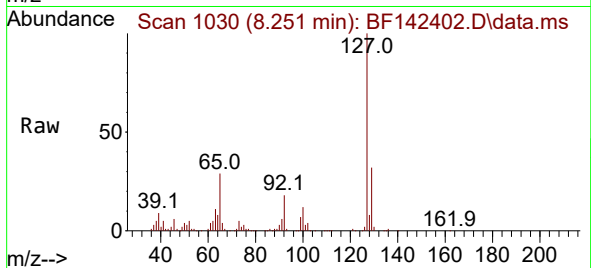
Ion Ratio Lower Upper

127 100

129 31.9 25.7 38.5

65 29.1 24.9 37.3

92 18.3 14.9 22.3



#34

Hexachlorobutadiene

Concen: 44.112 ng

RT: 8.322 min Scan# 1042

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

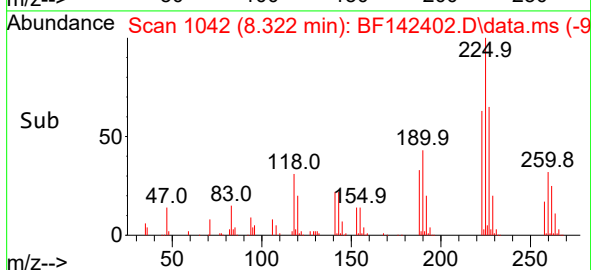
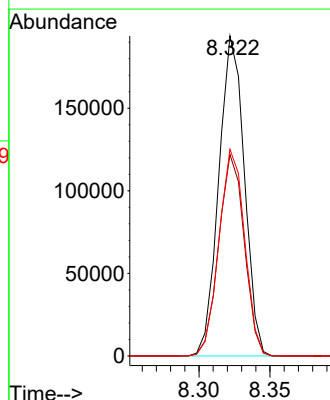
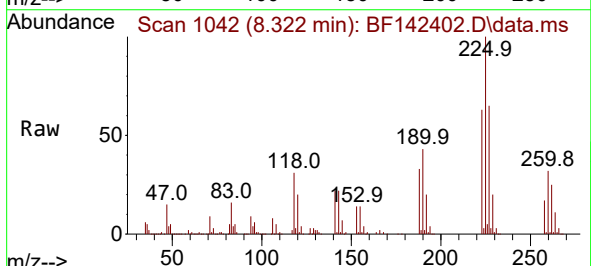
Tgt Ion:225 Resp: 242284

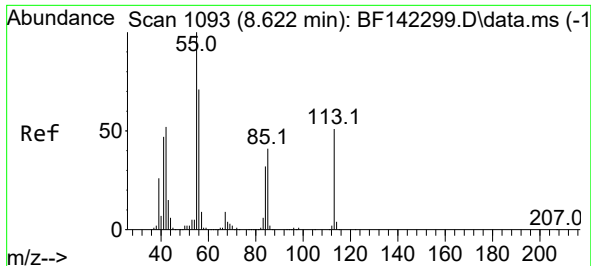
Ion Ratio Lower Upper

225 100

223 62.9 49.8 74.6

227 64.6 50.9 76.3

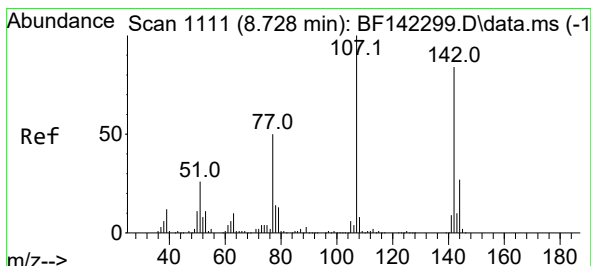
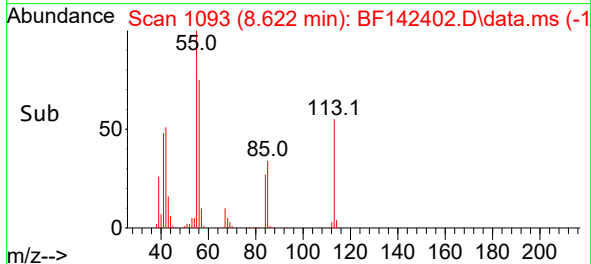
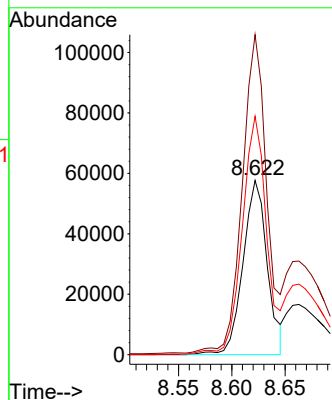
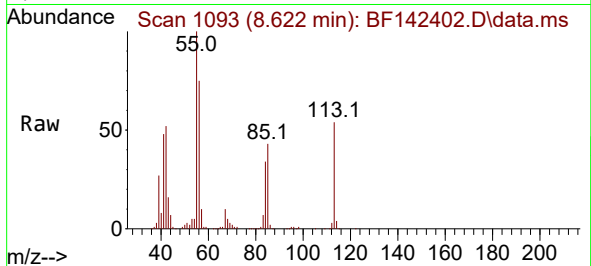




#35
Caprolactam
Concen: 38.003 ng
RT: 8.622 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

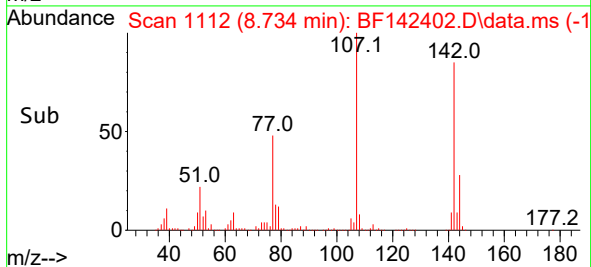
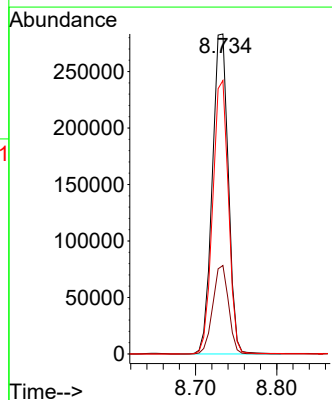
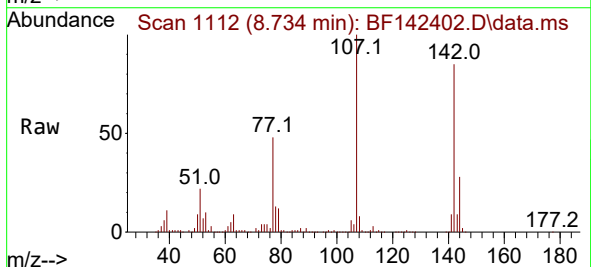
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

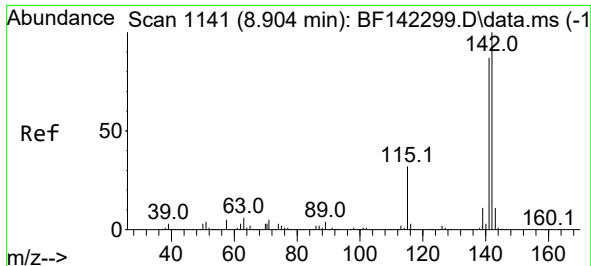
Tgt Ion:113 Resp: 91283
Ion Ratio Lower Upper
113 100
55 183.6 176.4 216.4
56 136.8 120.3 160.3



#36
4-Chloro-3-methylphenol
Concen: 45.349 ng
RT: 8.734 min Scan# 1112
Delta R.T. 0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:107 Resp: 388525
Ion Ratio Lower Upper
107 100
144 27.7 21.3 31.9
142 85.4 66.9 100.3

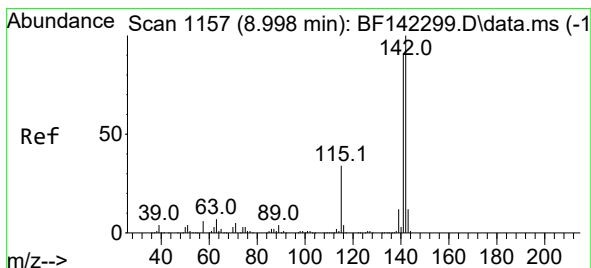
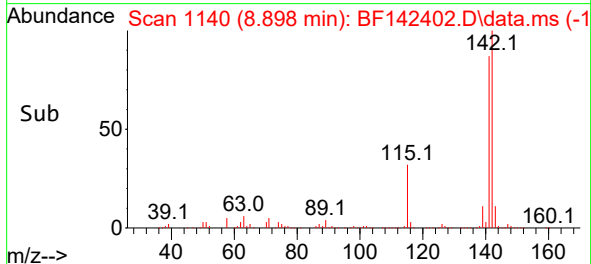
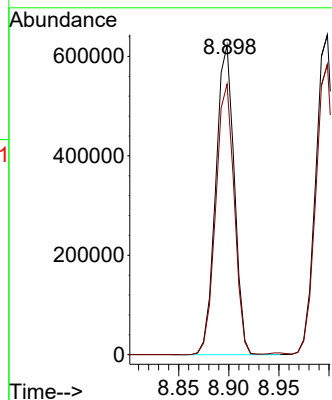
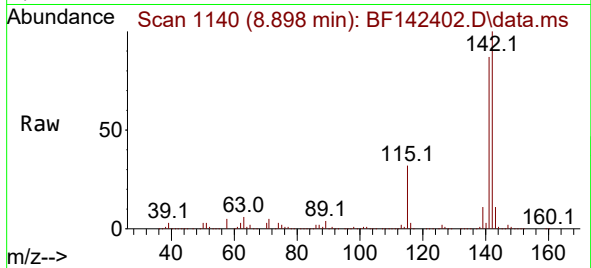




#37
2-Methylnaphthalene
Concen: 42.714 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

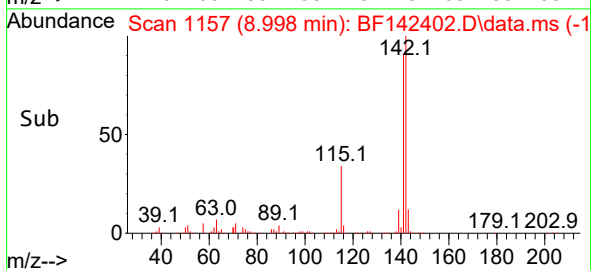
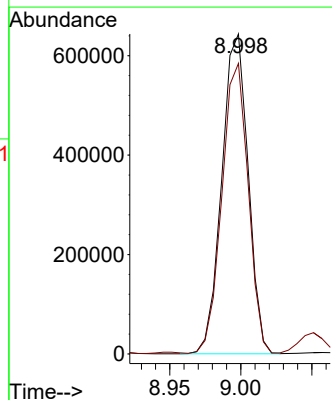
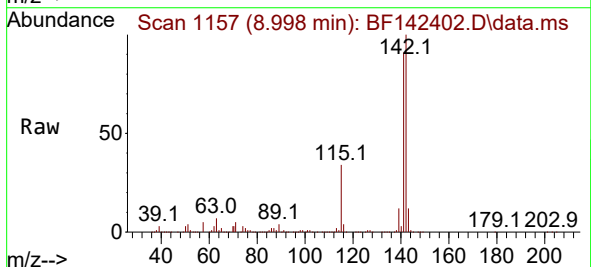
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

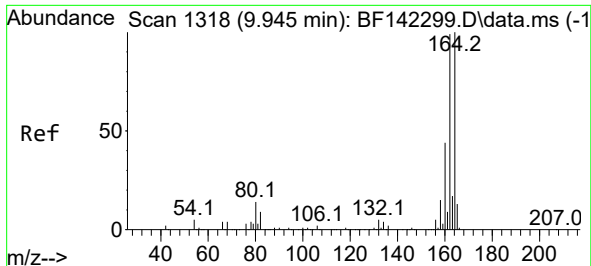
Tgt Ion:142 Resp: 798819
Ion Ratio Lower Upper
142 100
141 87.4 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.608 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:142 Resp: 830523
Ion Ratio Lower Upper
142 100
141 90.8 72.5 108.7

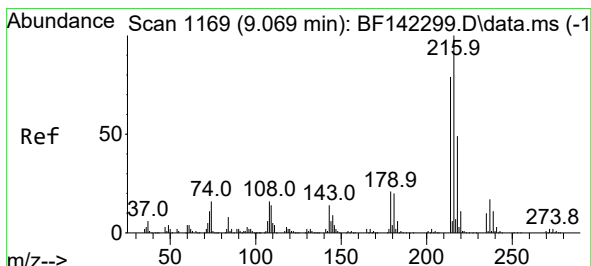
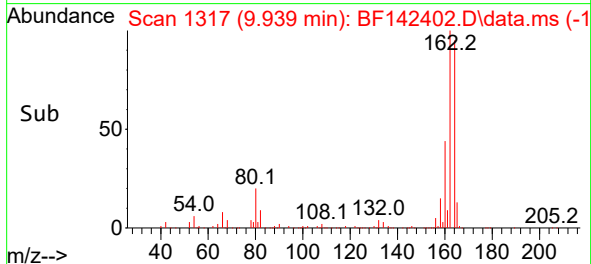
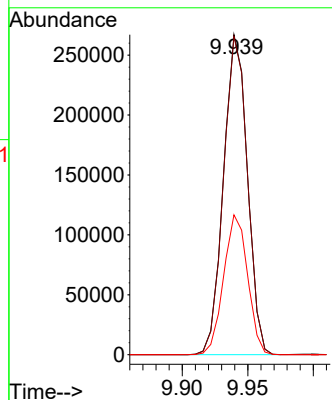
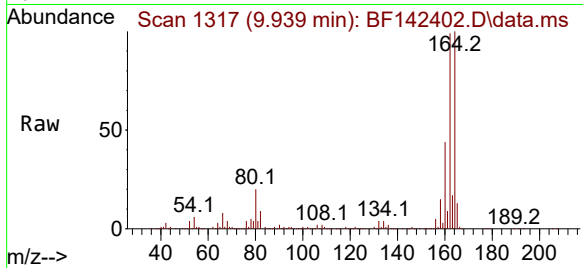




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.939 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

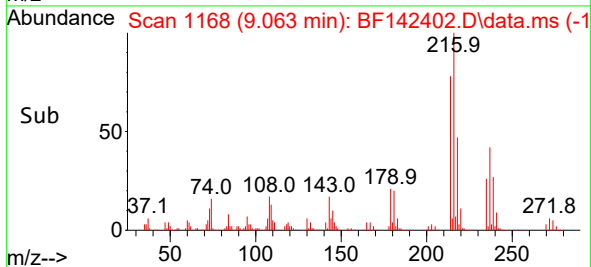
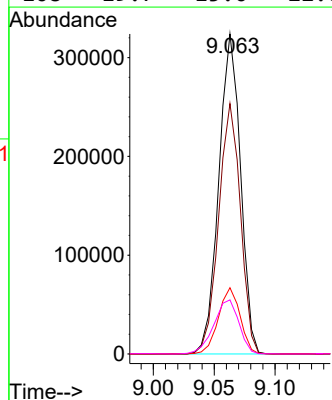
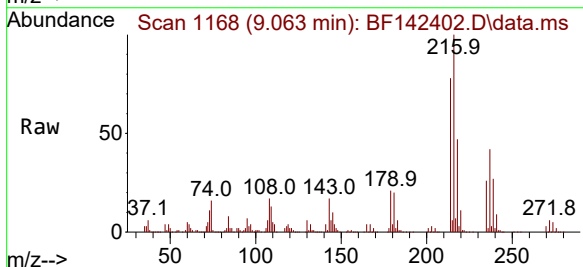
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

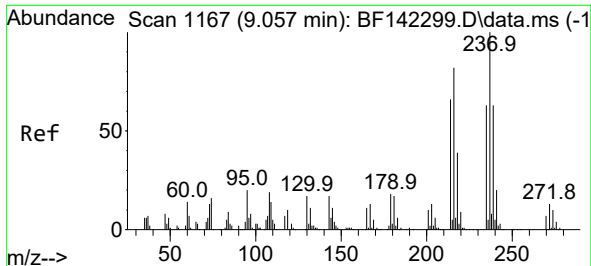
Tgt Ion:164 Resp: 338192
Ion Ratio Lower Upper
164 100
162 99.4 79.2 118.8
160 43.7 35.3 52.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 42.593 ng
RT: 9.063 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:216 Resp: 402310
Ion Ratio Lower Upper
216 100
214 78.4 63.8 95.6
179 20.7 17.0 25.6
108 19.7 15.0 22.6

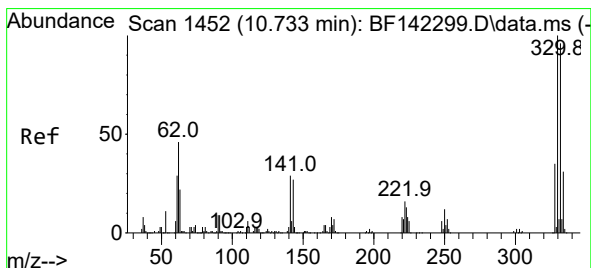
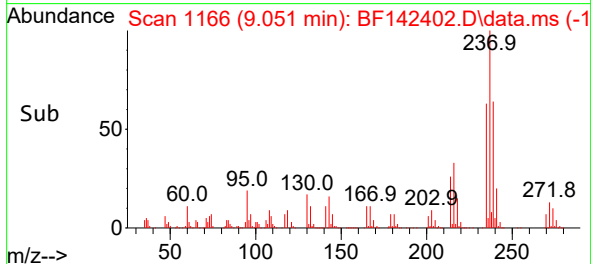
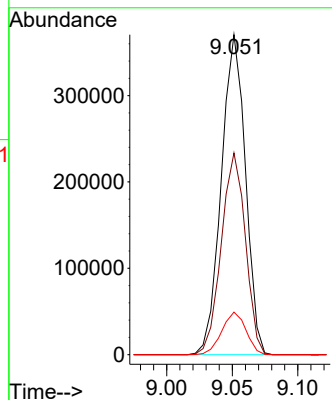
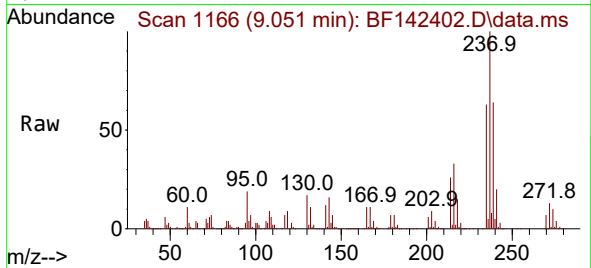




#41
Hexachlorocyclopentadiene
Concen: 81.140 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

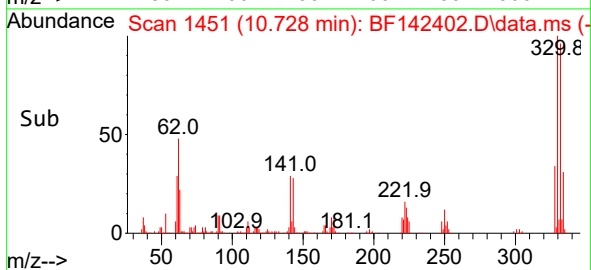
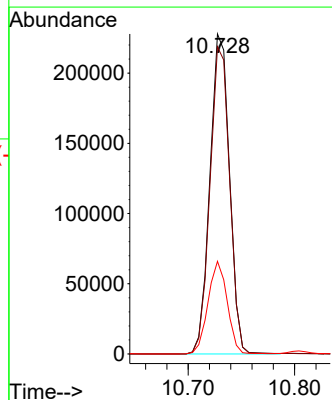
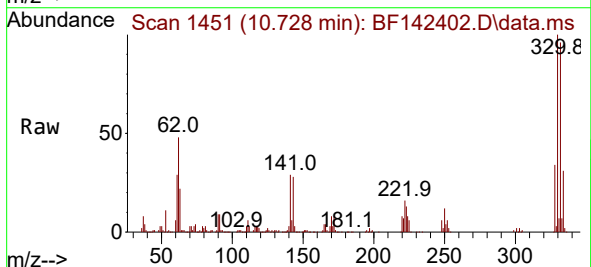
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

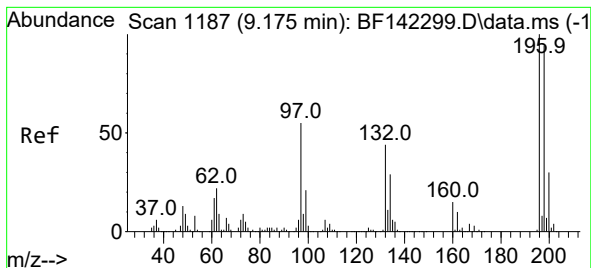
Tgt Ion:237 Resp: 473649
Ion Ratio Lower Upper
237 100
235 63.1 42.8 82.8
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 89.096 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:330 Resp: 290914
Ion Ratio Lower Upper
330 100
332 96.4 76.8 115.2
141 28.5 24.9 37.3





#43

2,4,6-Trichlorophenol

Concen: 48.549 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

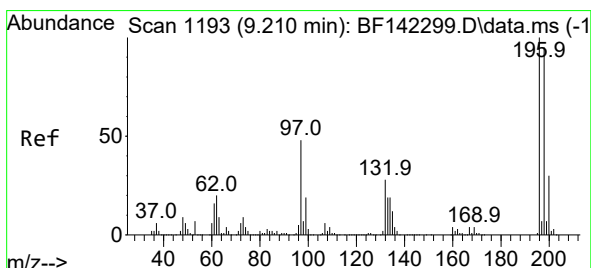
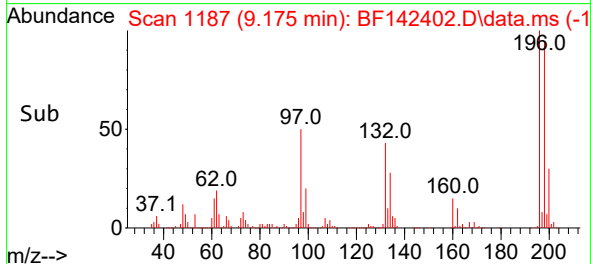
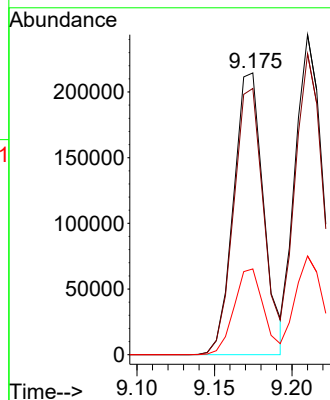
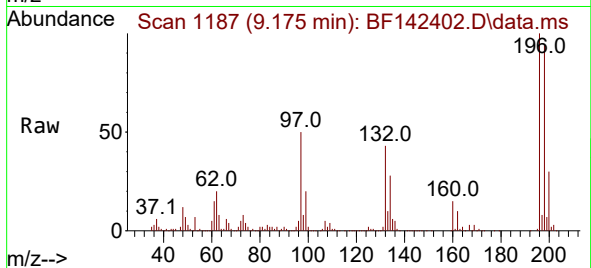
Tgt Ion:196 Resp: 289247

Ion Ratio Lower Upper

196 100

198 94.5 75.4 113.0

200 30.4 24.3 36.5



#44

2,4,5-Trichlorophenol

Concen: 46.908 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Tgt Ion:196 Resp: 297356

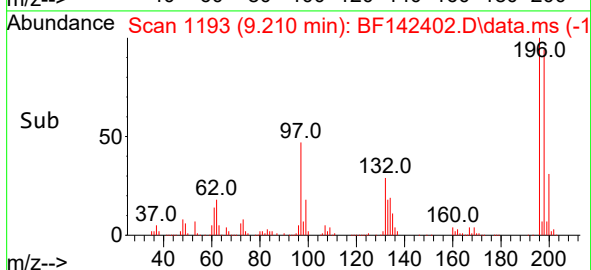
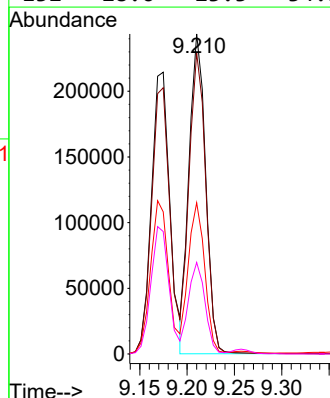
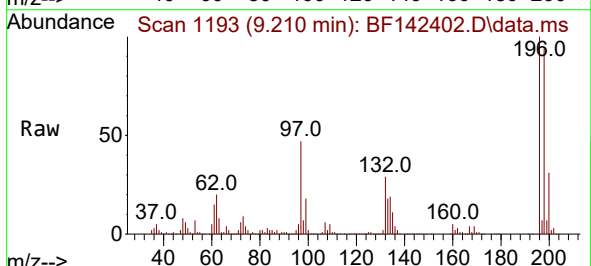
Ion Ratio Lower Upper

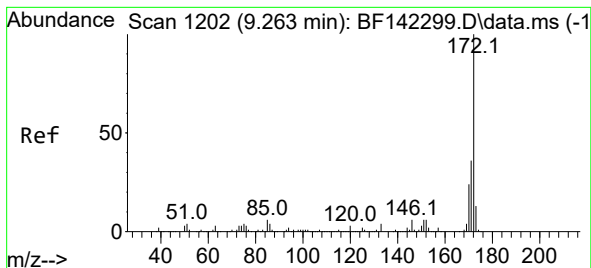
196 100

198 94.0 76.1 114.1

97 47.3 39.0 58.4

132 28.6 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 43.180 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

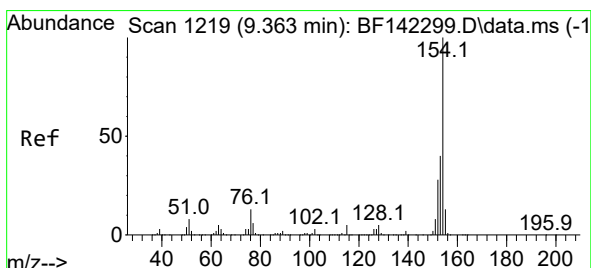
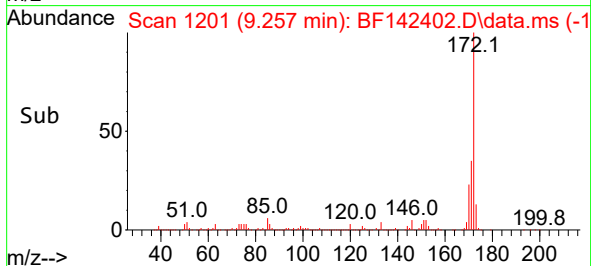
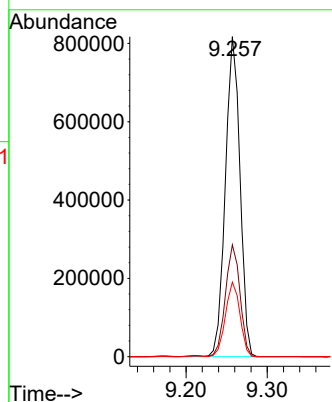
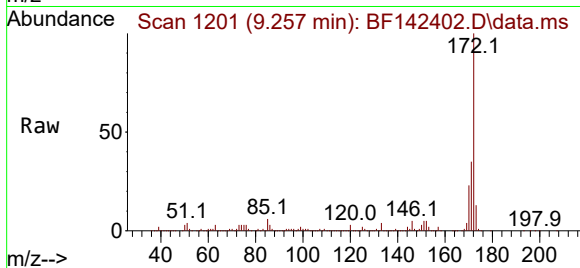
Tgt Ion:172 Resp: 1024155

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.3 19.0 28.4



#46

1,1'-Biphenyl

Concen: 41.776 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

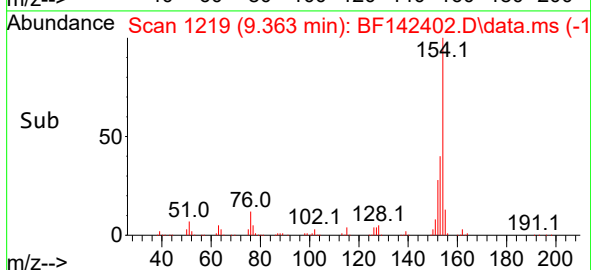
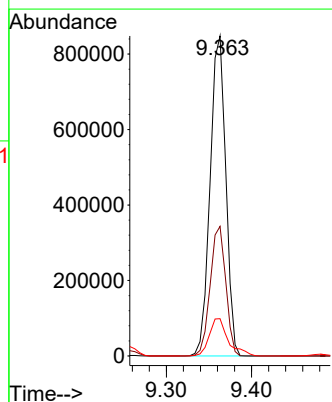
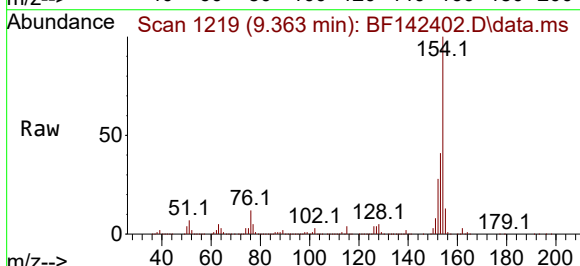
Tgt Ion:154 Resp: 1083275

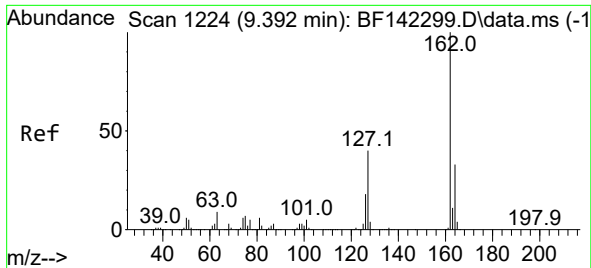
Ion Ratio Lower Upper

154 100

153 40.5 20.5 60.5

76 11.7 0.0 32.8

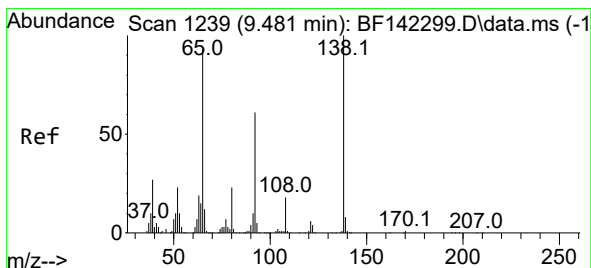
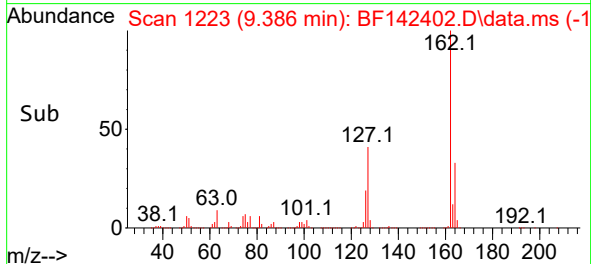
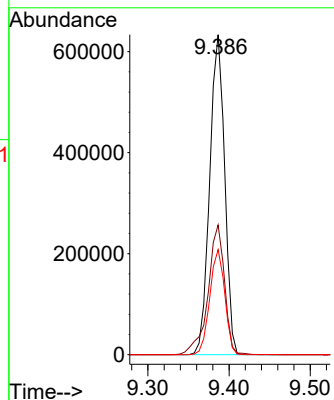
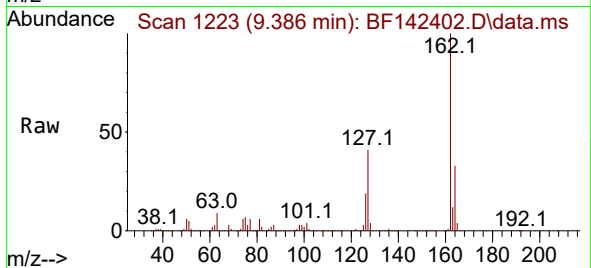




#47
2-Chloronaphthalene
Concen: 41.974 ng
RT: 9.386 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

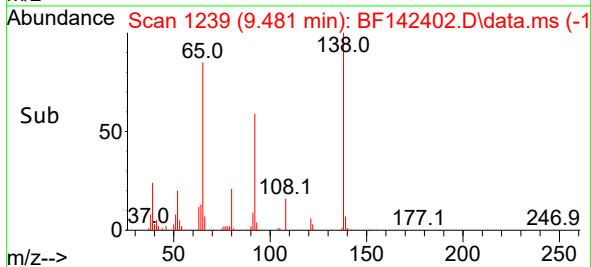
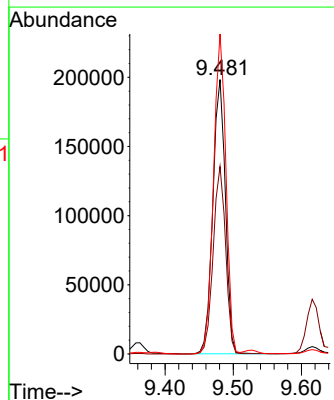
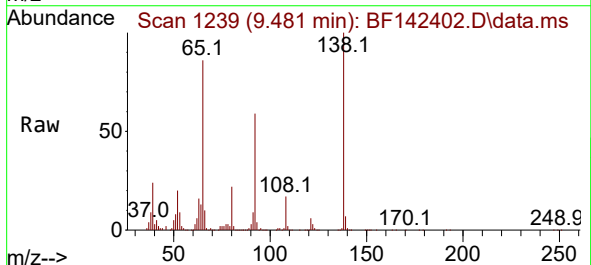
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

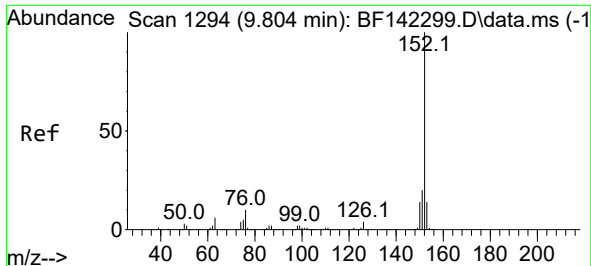
Tgt Ion:162 Resp: 809416
Ion Ratio Lower Upper
162 100
127 40.6 32.3 48.5
164 32.9 26.6 40.0



#48
2-Nitroaniline
Concen: 51.528 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion: 65 Resp: 254698
Ion Ratio Lower Upper
65 100
92 68.3 52.3 78.5
138 116.6 85.6 128.4

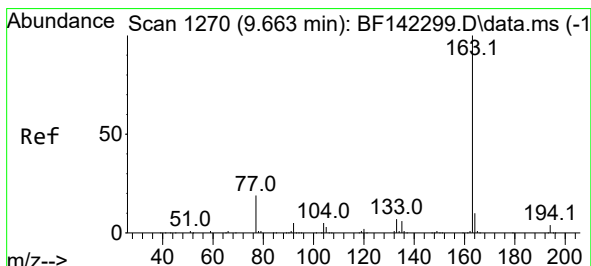
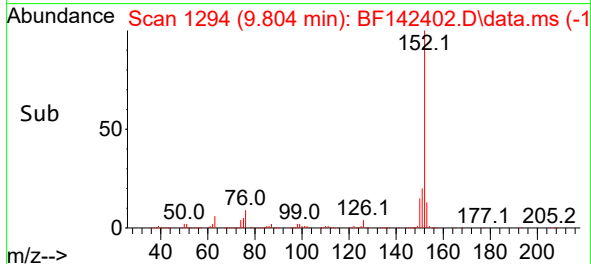
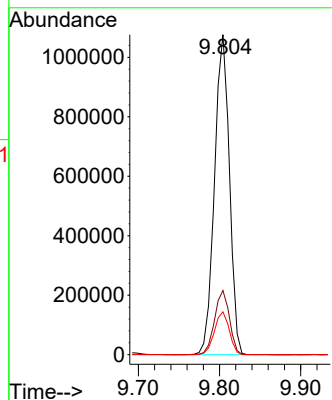
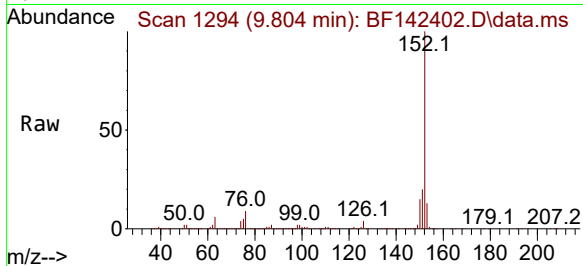




#49
Acenaphthylene
Concen: 42.523 ng
RT: 9.804 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

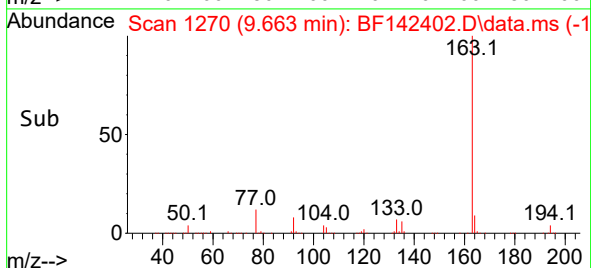
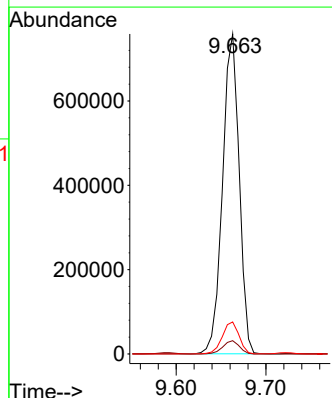
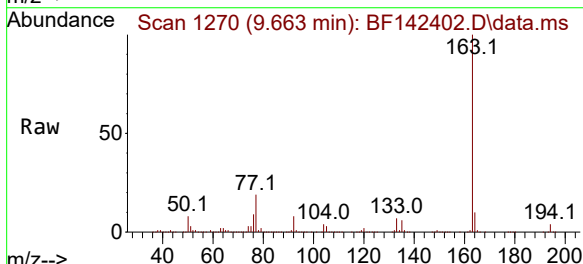
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

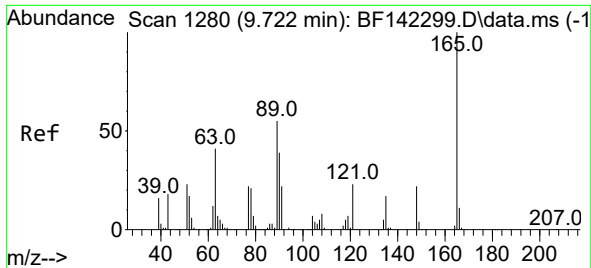
Tgt Ion:152 Resp: 1371764
Ion Ratio Lower Upper
152 100
151 20.0 16.0 24.0
153 13.4 10.8 16.2



#50
Dimethylphthalate
Concen: 44.951 ng
RT: 9.663 min Scan# 1270
Delta R.T. 0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:163 Resp: 976173
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.0 8.3 12.5

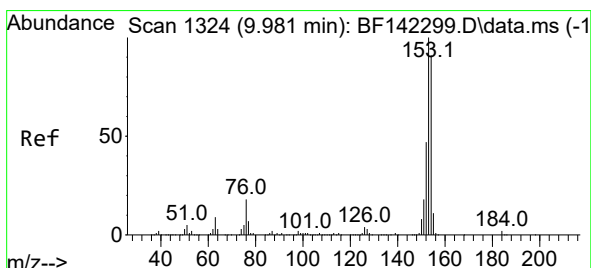
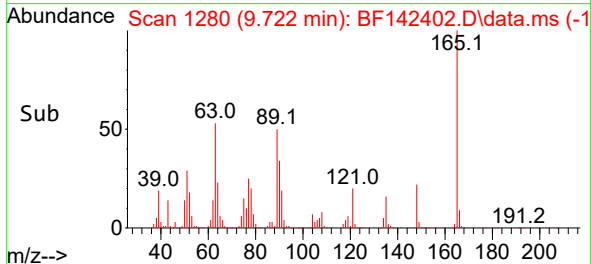
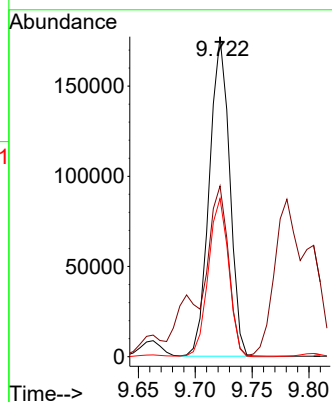
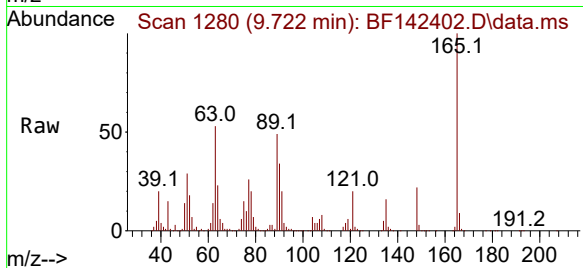




#51
2,6-Dinitrotoluene
Concen: 54.008 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

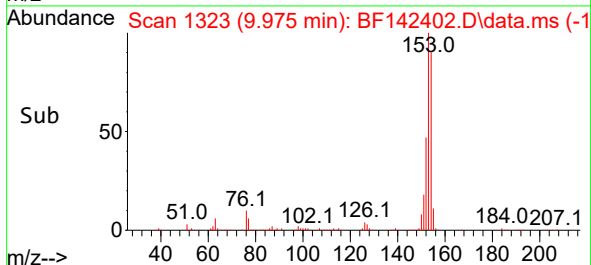
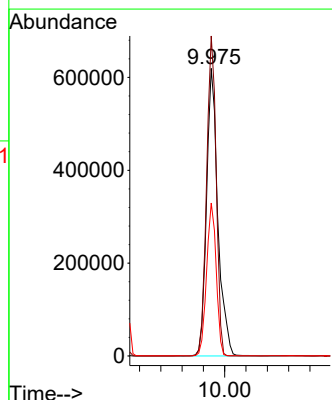
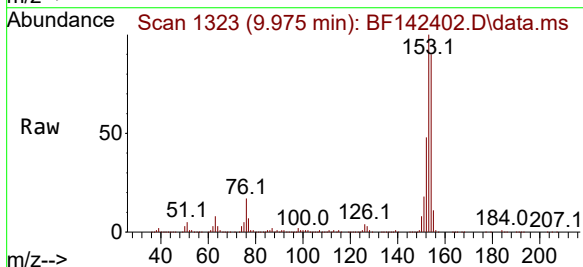
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

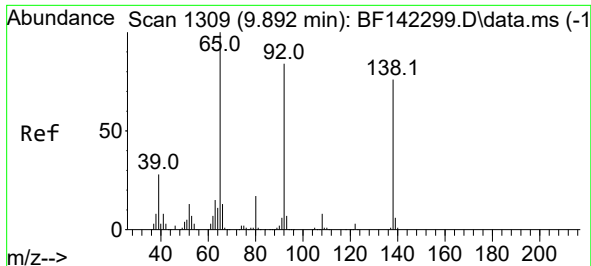
Tgt Ion:165 Resp: 219535
Ion Ratio Lower Upper
165 100
63 53.4 49.5 74.3
89 49.5 44.6 66.8



#52
Acenaphthene
Concen: 47.308 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:154 Resp: 917632
Ion Ratio Lower Upper
154 100
153 111.3 88.0 132.0
152 53.2 41.6 62.4

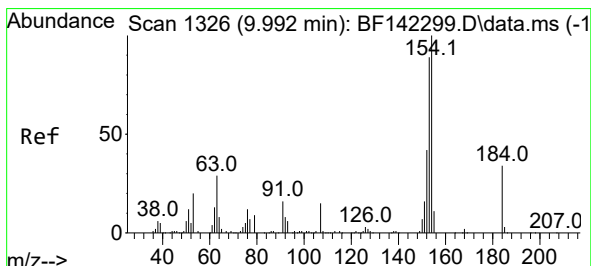
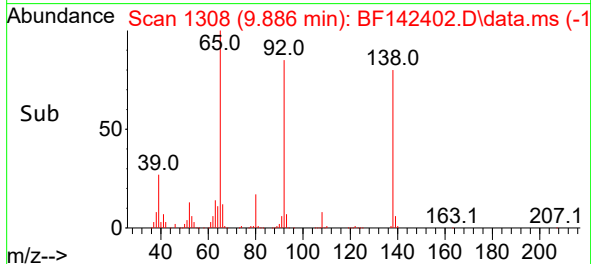
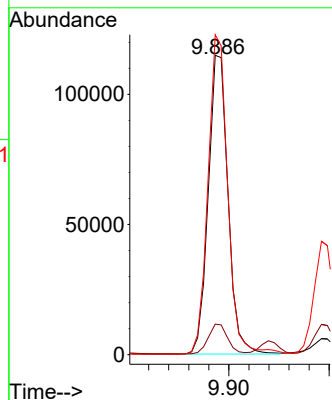
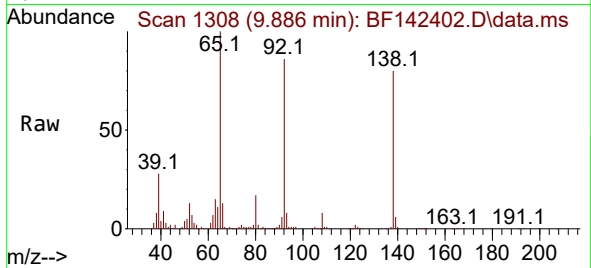




#53
3-Nitroaniline
Concen: 33.086 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

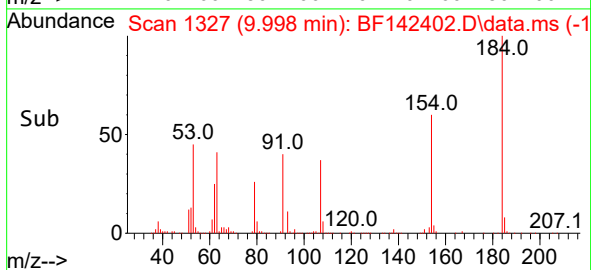
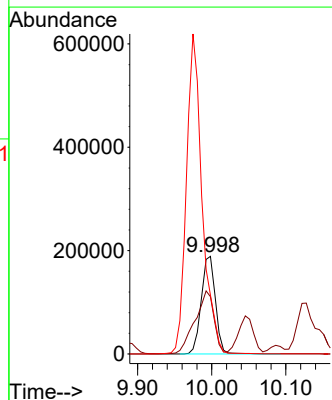
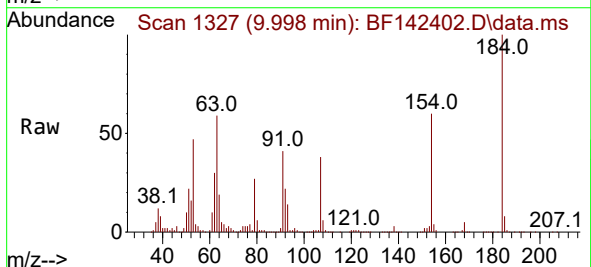
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

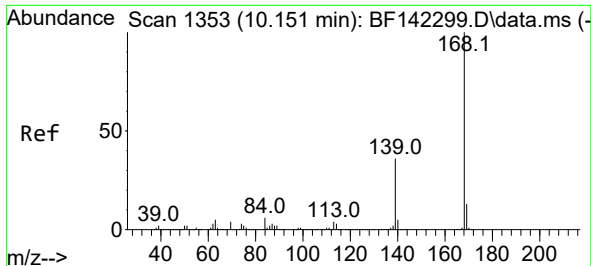
Tgt Ion:138 Resp: 157734
Ion Ratio Lower Upper
138 100
108 10.2 8.7 13.1
92 106.9 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 114.404 ng
RT: 9.998 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:184 Resp: 251043
Ion Ratio Lower Upper
184 100
63 58.8 70.6 105.8#
154 60.3 257.2 385.8#





#55

Dibenzenofuran

Concen: 42.350 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

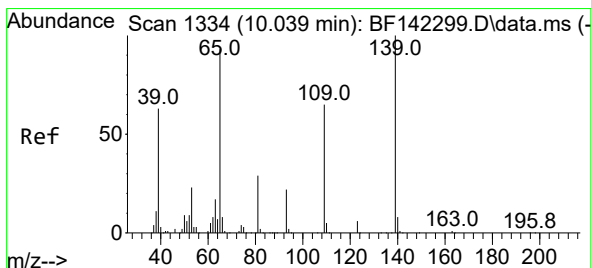
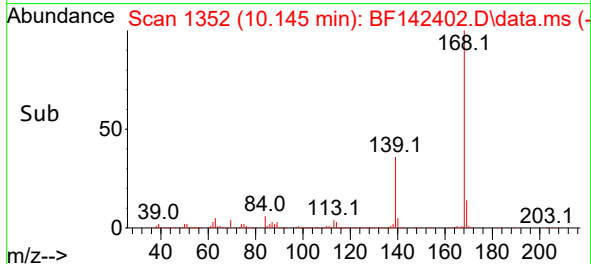
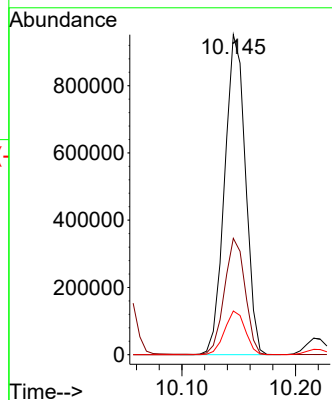
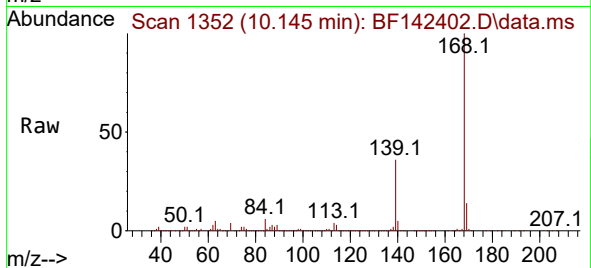
Tgt Ion:168 Resp: 1212339

Ion Ratio Lower Upper

168 100

139 36.3 29.0 43.4

169 13.7 10.7 16.1



#56

4-Nitrophenol

Concen: 105.853 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

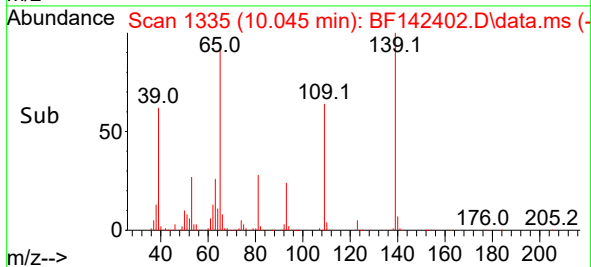
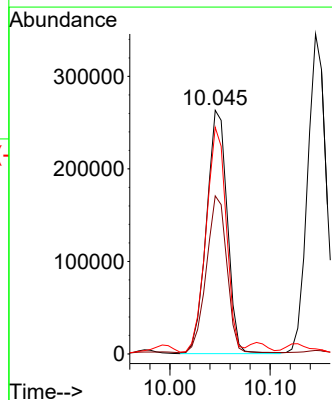
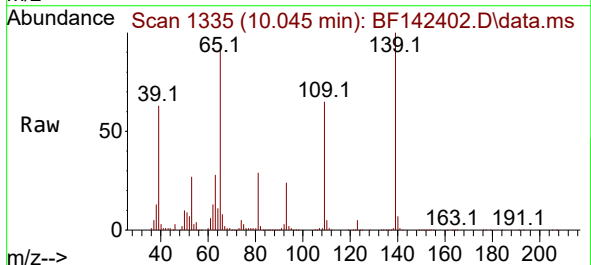
Tgt Ion:139 Resp: 379799

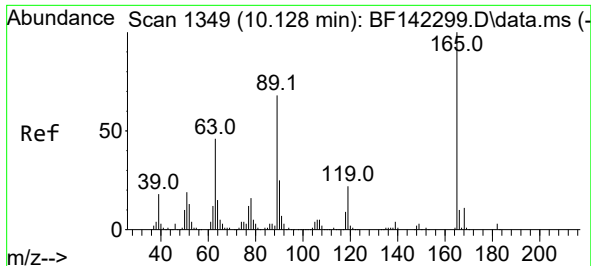
Ion Ratio Lower Upper

139 100

109 64.9 45.3 85.3

65 93.0 73.9 113.9

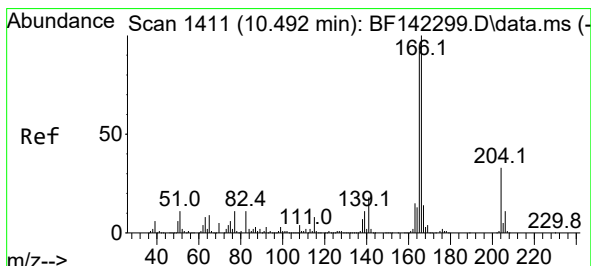
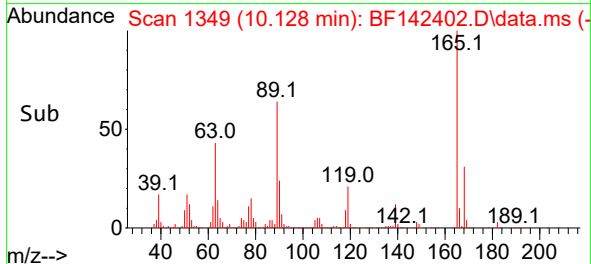
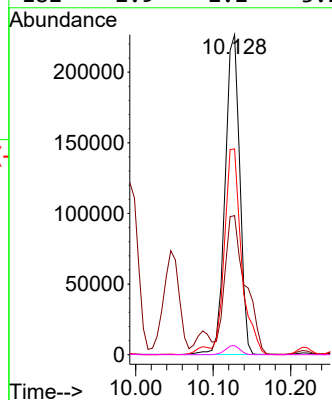
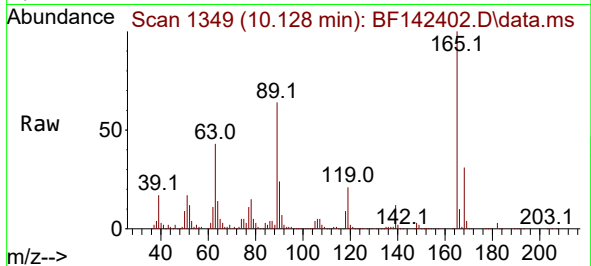




#57
2,4-Dinitrotoluene
Concen: 56.779 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

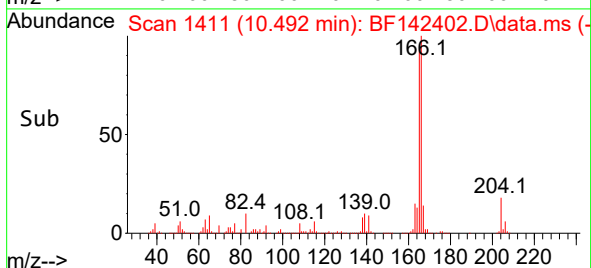
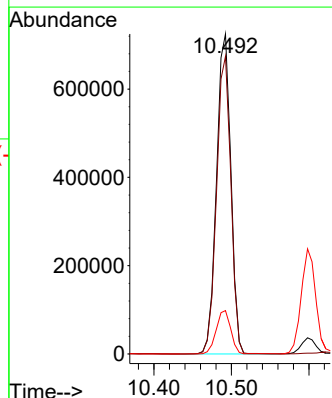
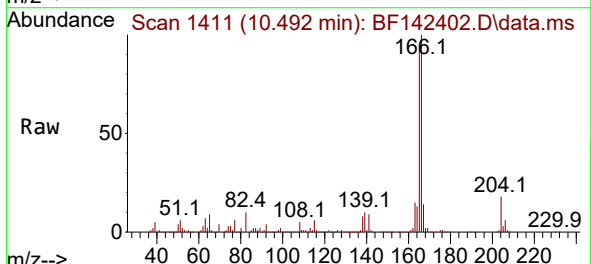
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

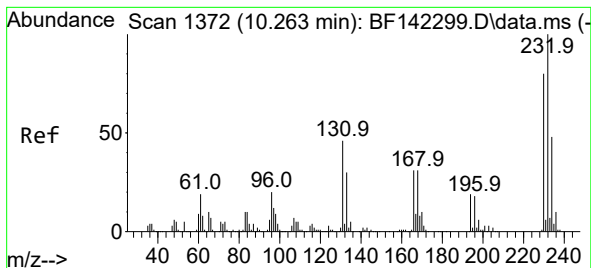
Tgt Ion:165 Resp: 296053
Ion Ratio Lower Upper
165 100
63 43.5 37.1 55.7
89 64.3 54.4 81.6
182 2.9 2.2 3.2



#58
Fluorene
Concen: 42.588 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:166 Resp: 930395
Ion Ratio Lower Upper
166 100
165 93.0 74.0 111.0
167 13.6 10.9 16.3

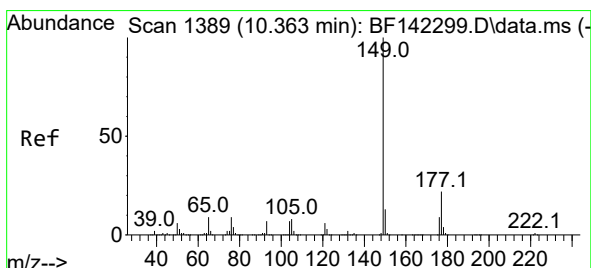
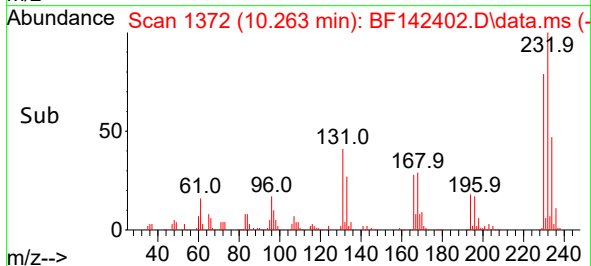
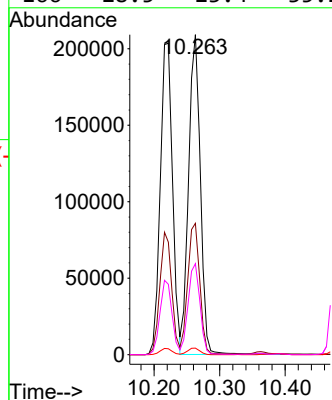
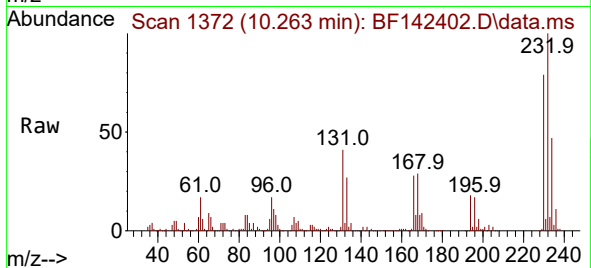




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.527 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

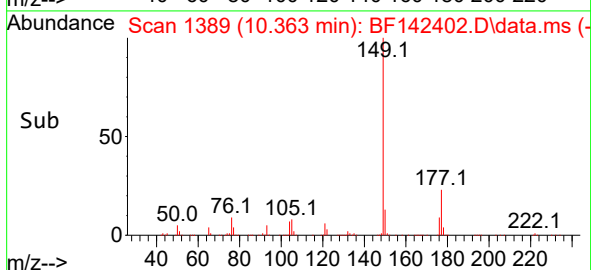
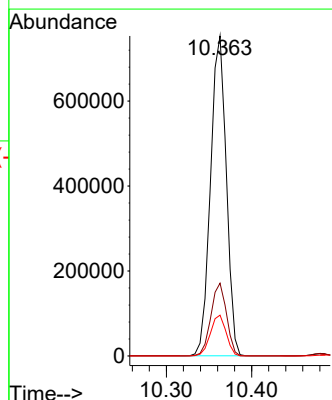
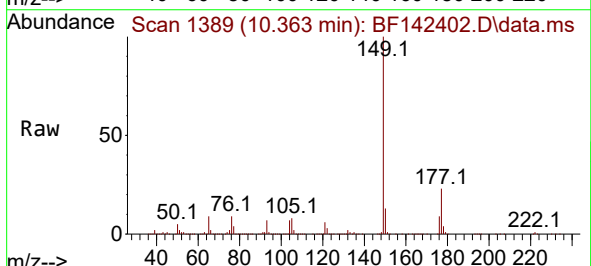
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

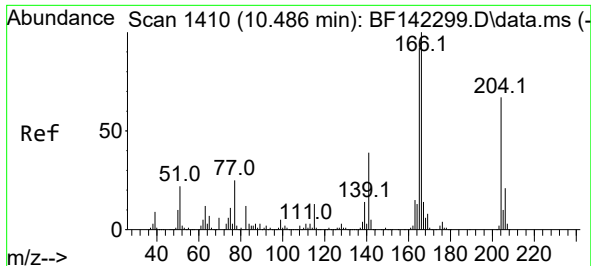
Tgt Ion:232 Resp: 259178
Ion Ratio Lower Upper
232 100
131 41.6 36.0 54.0
130 2.2 1.8 2.6
166 28.5 23.4 35.2



#60
Diethylphthalate
Concen: 44.685 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:149 Resp: 969078
Ion Ratio Lower Upper
149 100
177 22.7 17.6 26.4
150 12.8 10.1 15.1

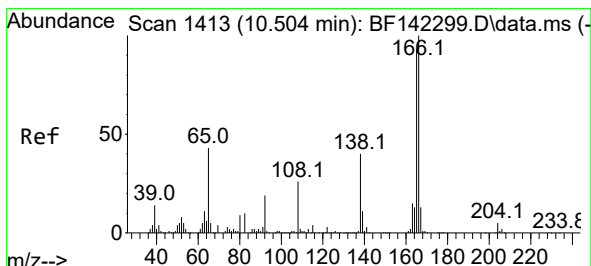
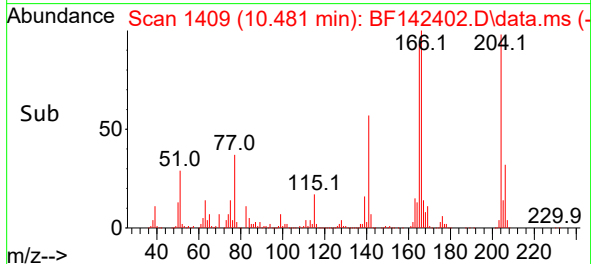
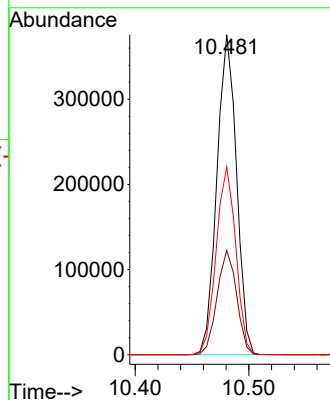
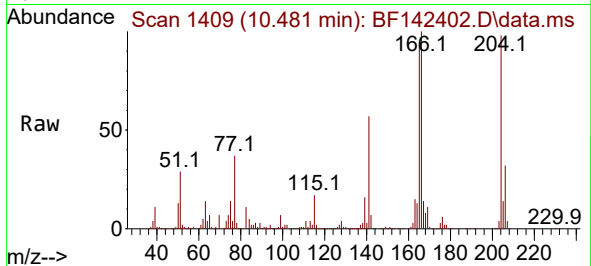




#61
4-Chlorophenyl-phenylether
Concen: 42.814 ng
RT: 10.481 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

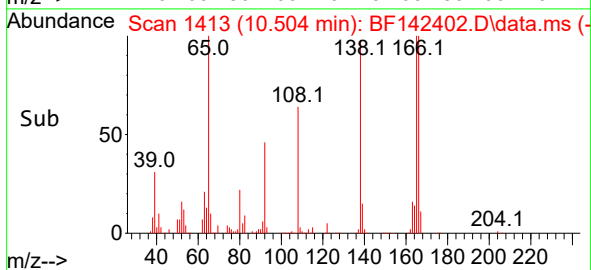
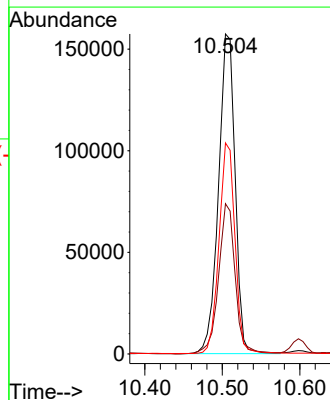
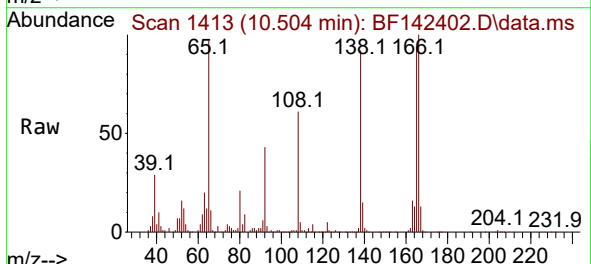
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

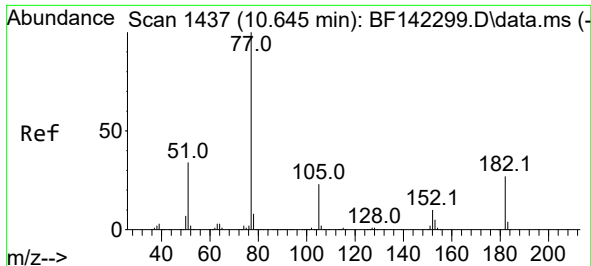
Tgt Ion:204 Resp: 451261
Ion Ratio Lower Upper
204 100
206 32.6 25.5 38.3
141 58.7 46.4 69.6



#62
4-Nitroaniline
Concen: 62.056 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:138 Resp: 234474
Ion Ratio Lower Upper
138 100
92 47.0 27.3 67.3
108 65.9 45.1 85.1

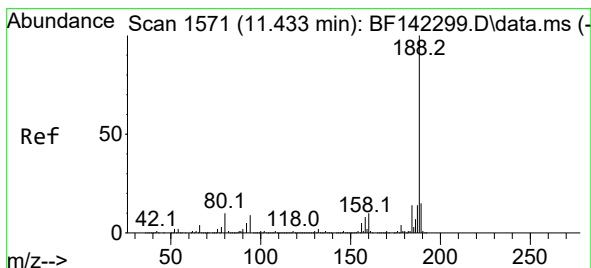
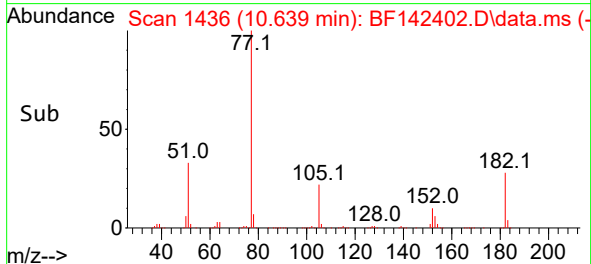
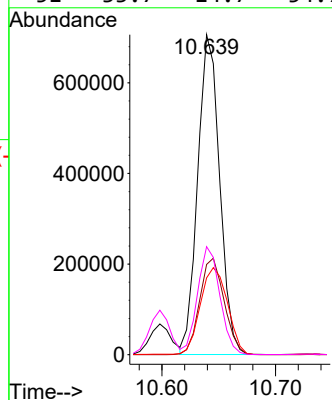
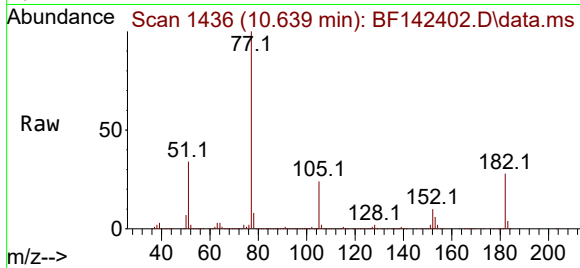




#63
Azobenzene
Concen: 45.616 ng
RT: 10.639 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

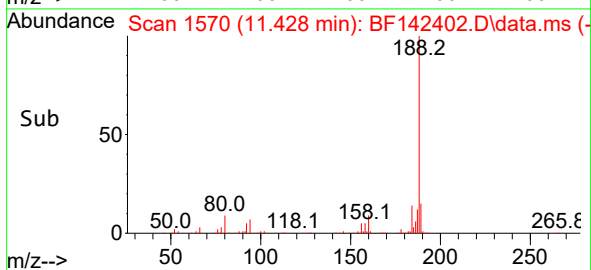
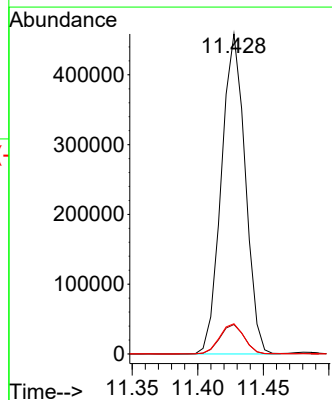
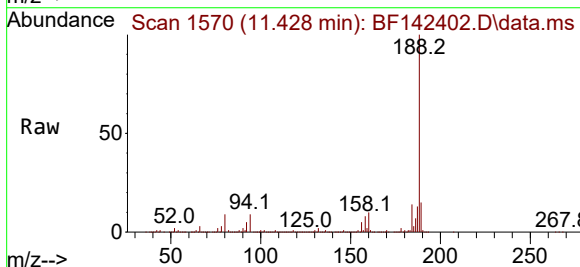
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

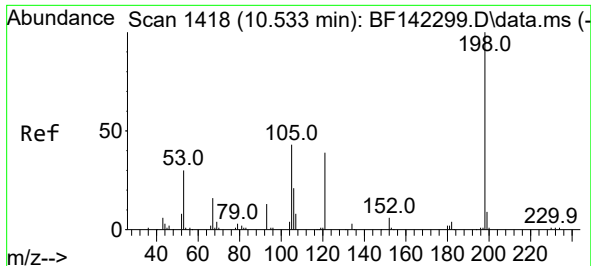
Tgt Ion:	77	Resp:	945343
Ion	Ratio	Lower	Upper
77	100		
182	28.2	6.9	46.9
105	24.0	2.7	42.7
51	33.7	14.7	54.7



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.428 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:	188	Resp:	579758
Ion	Ratio	Lower	Upper
188	100		
94	9.2	7.5	11.3
80	9.4	7.9	11.9

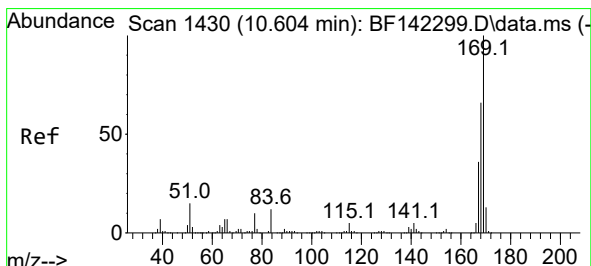
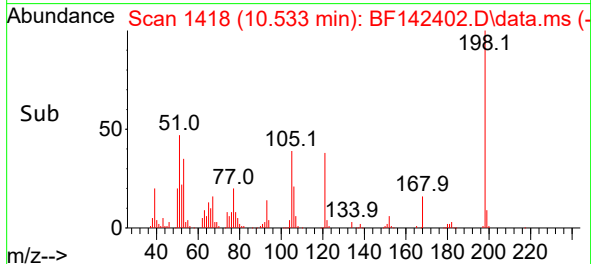
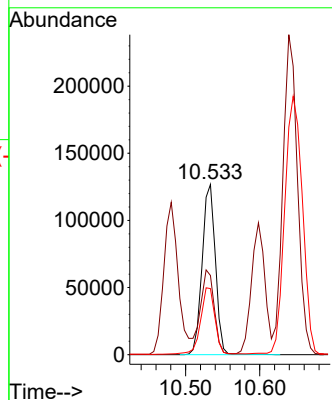
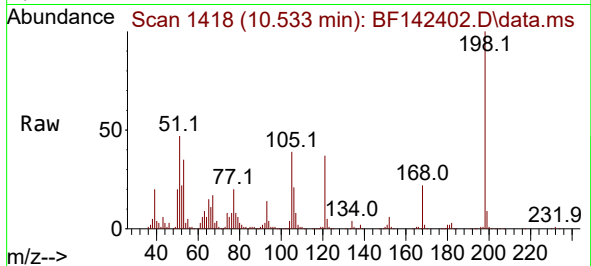




#65
4,6-Dinitro-2-methylphenol
Concen: 56.923 ng
RT: 10.533 min Scan# 1418
Delta R.T. 0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

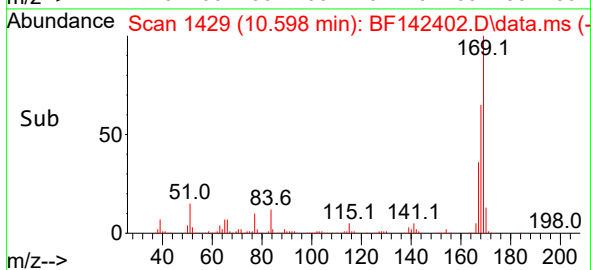
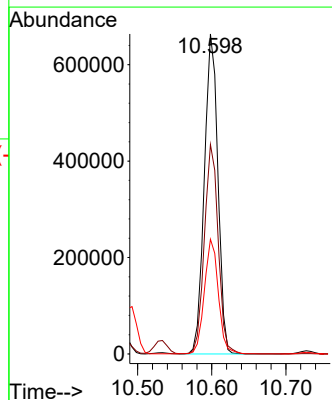
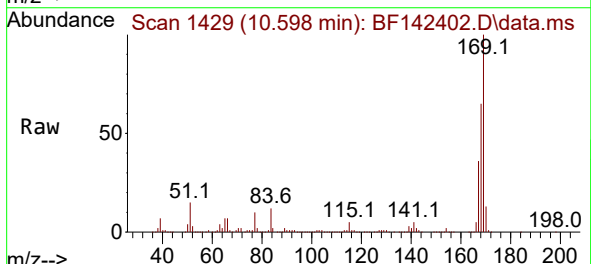
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

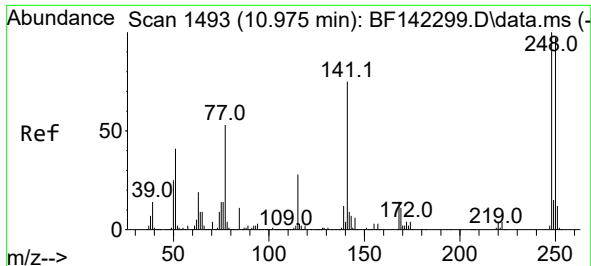
Tgt Ion:198 Resp: 158081
Ion Ratio Lower Upper
198 100
51 46.5 32.9 72.9
105 38.8 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 43.799 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:169 Resp: 844975
Ion Ratio Lower Upper
169 100
168 65.4 53.2 79.8
167 35.9 28.9 43.3

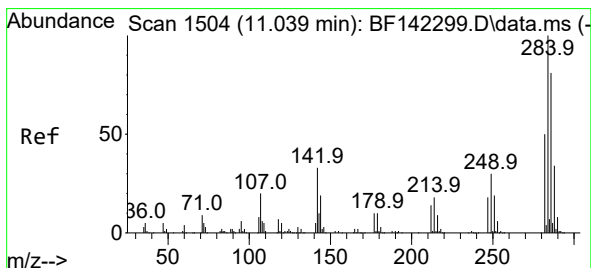
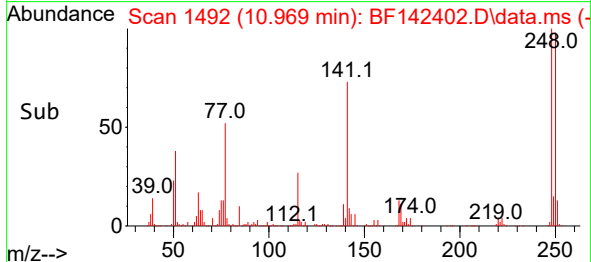
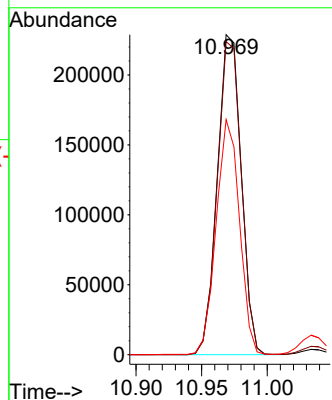
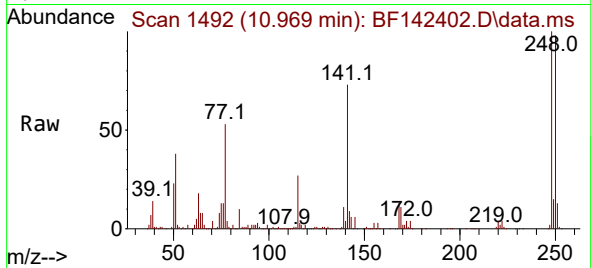




#67
4-Bromophenyl-phenylether
Concen: 44.360 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

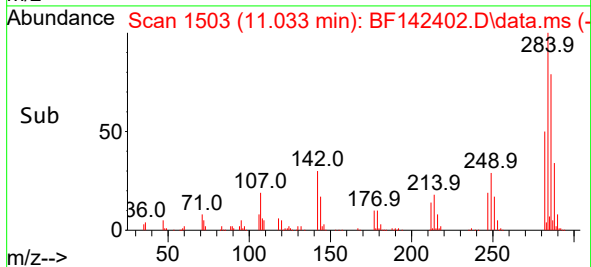
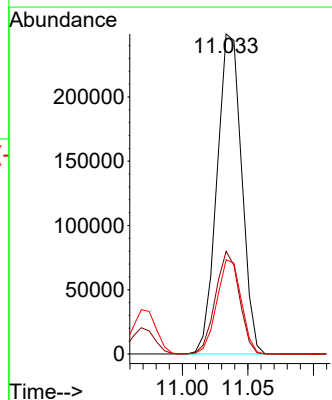
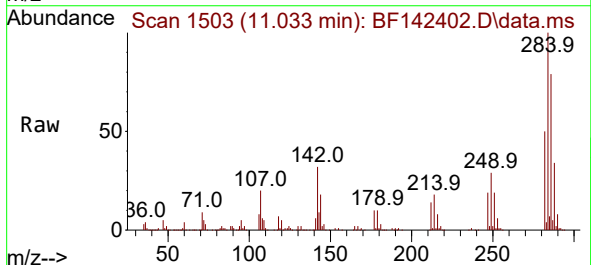
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

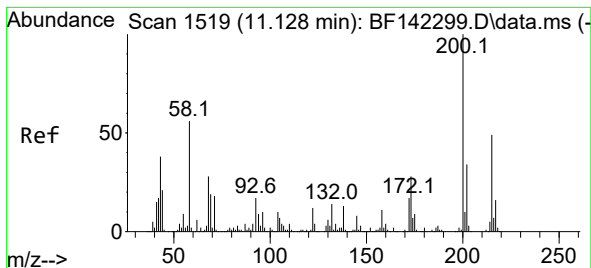
Tgt Ion:248 Resp: 291474
Ion Ratio Lower Upper
248 100
250 97.9 77.9 116.9
141 73.4 59.8 89.8



#68
Hexachlorobenzene
Concen: 45.029 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:284 Resp: 325451
Ion Ratio Lower Upper
284 100
142 32.1 26.6 39.8
249 29.5 24.1 36.1





#69

Atrazine

Concen: 53.257 ng

RT: 11.128 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

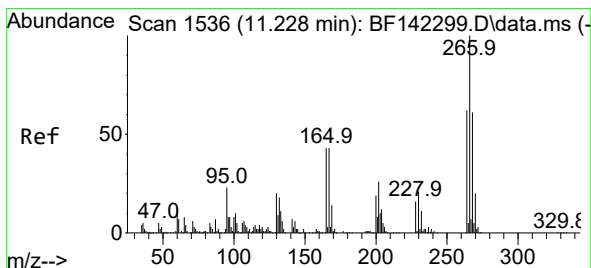
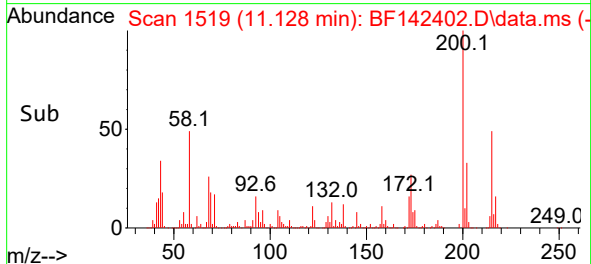
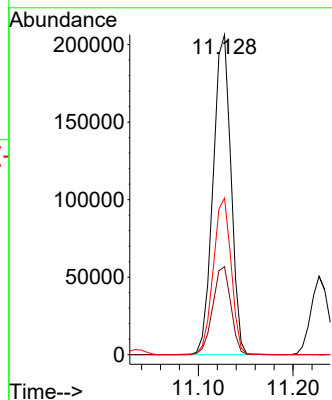
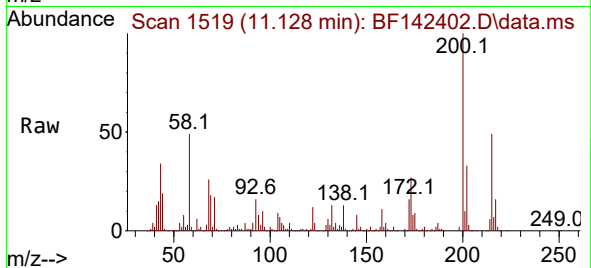
Tgt Ion:200 Resp: 270836

Ion Ratio Lower Upper

200 100

173 27.5 8.1 48.1

215 49.0 28.8 68.8



#70

Pentachlorophenol

Concen: 99.242 ng

RT: 11.228 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

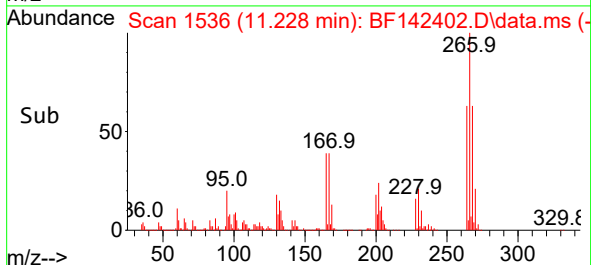
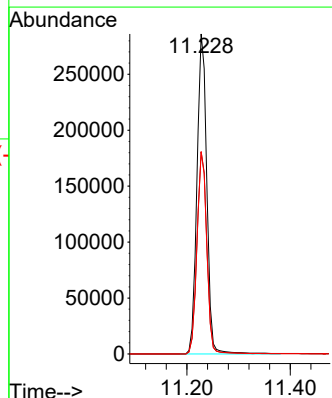
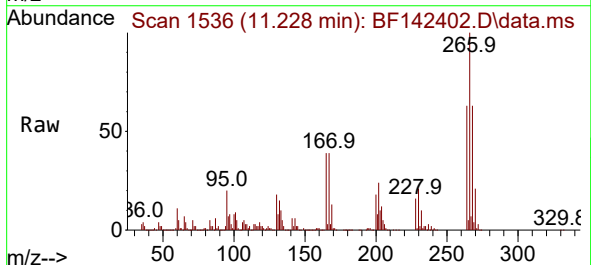
Tgt Ion:266 Resp: 377337

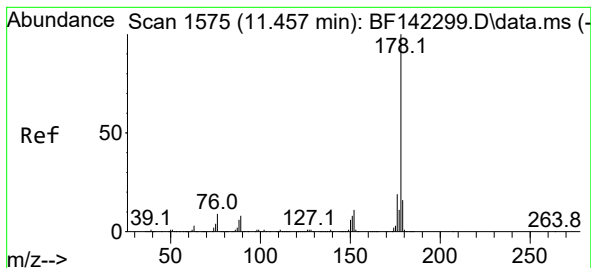
Ion Ratio Lower Upper

266 100

268 63.2 48.7 73.1

264 63.2 49.8 74.6





#71

Phenanthrene

Concen: 43.030 ng

RT: 11.451 min Scan# 1574

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

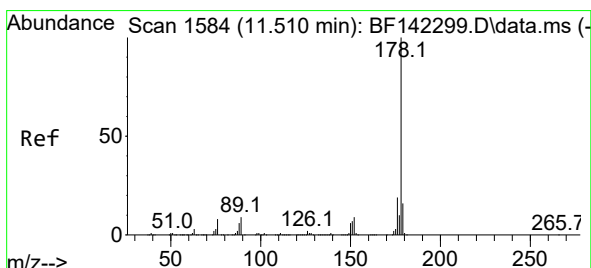
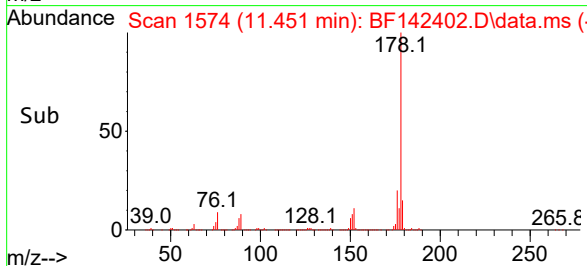
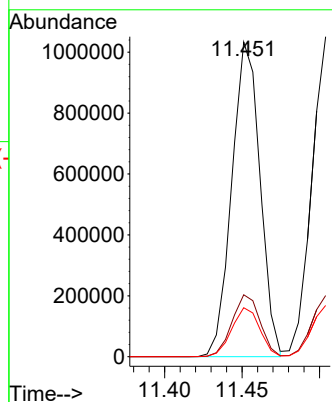
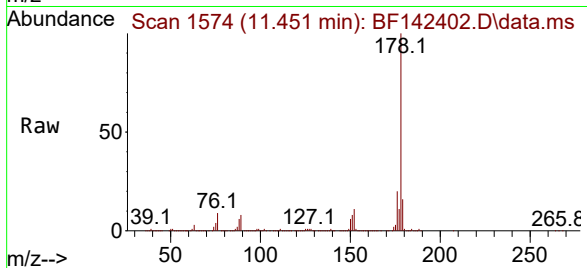
Tgt Ion:178 Resp: 1307667

Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

179 15.5 12.6 18.8



#72

Anthracene

Concen: 42.283 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

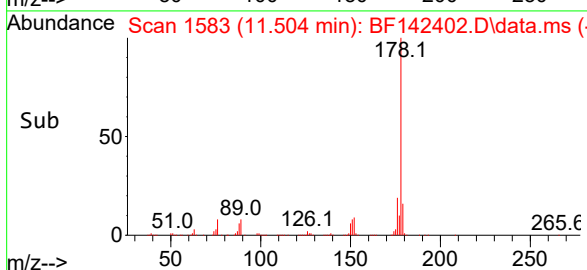
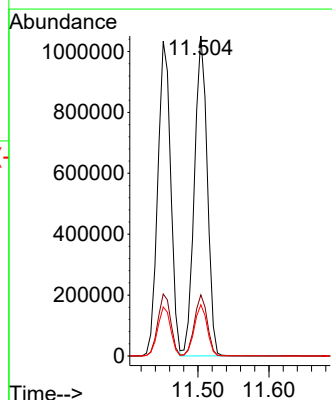
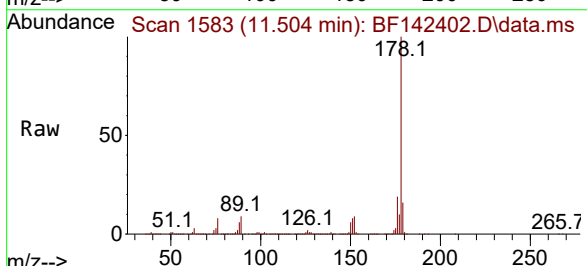
Tgt Ion:178 Resp: 1320292

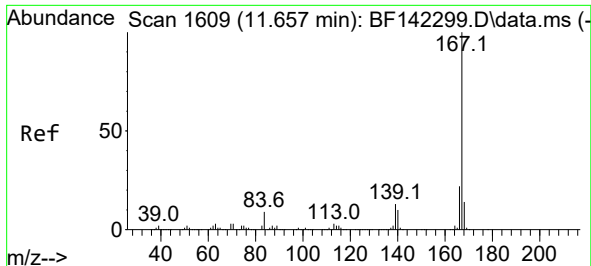
Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 16.0 12.6 18.8

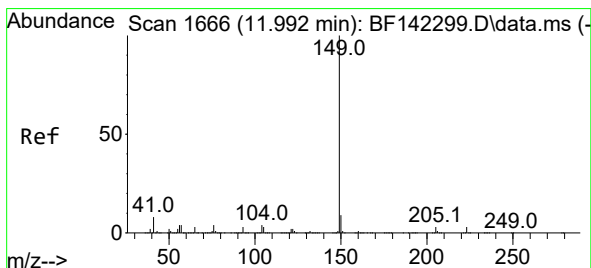
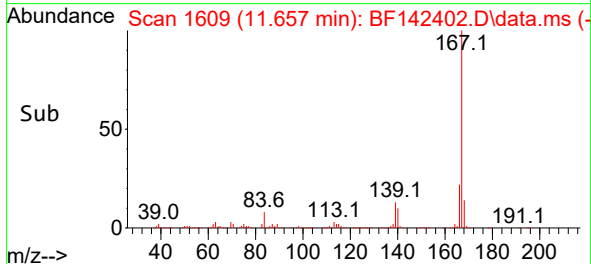
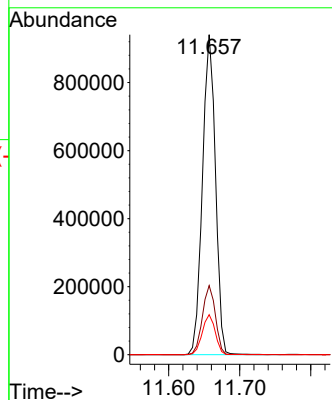
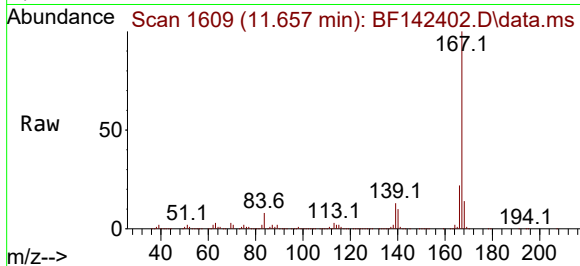




#73
 Carbazole
 Concen: 42.885 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

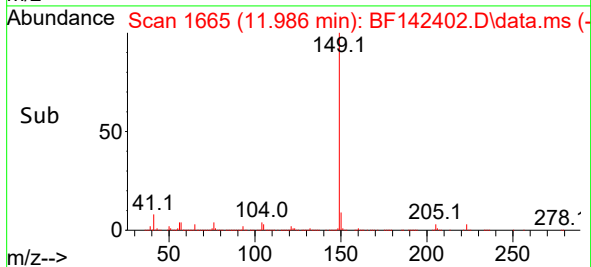
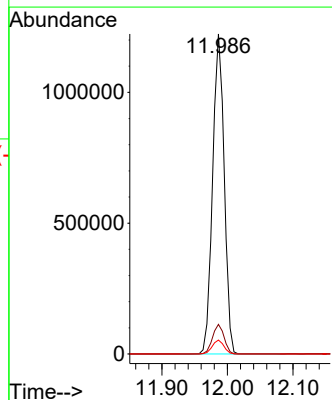
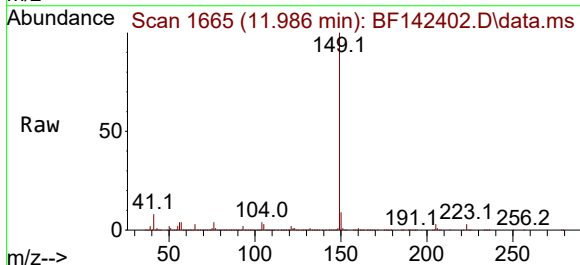
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MSD

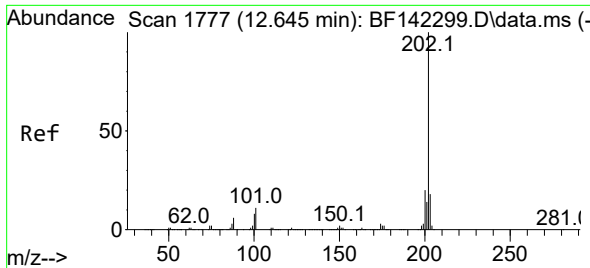
Tgt Ion:167 Resp: 1201380
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.2 25.8
 139 12.5 10.3 15.5



#74
 Di-n-butylphthalate
 Concen: 50.865 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

Tgt Ion:149 Resp: 1498372
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.5 11.3
 104 4.4 3.6 5.4

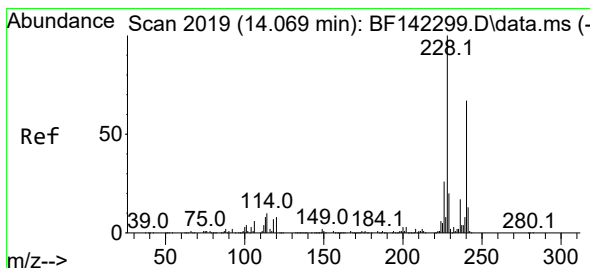
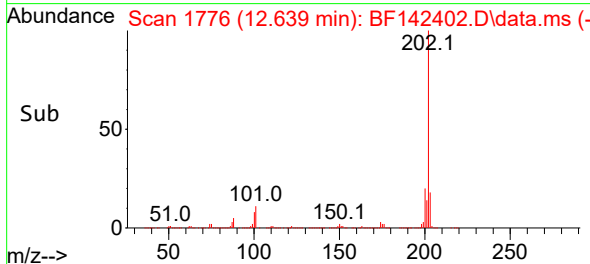
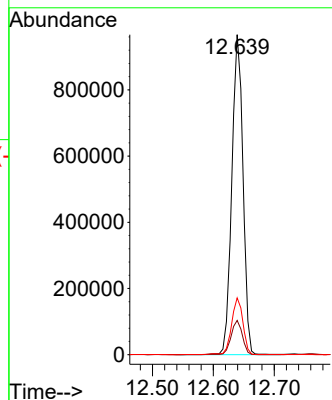
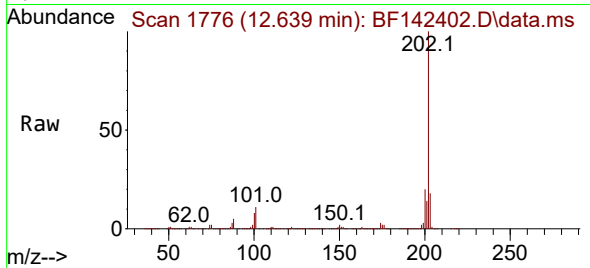




#75
Fluoranthene
Concen: 40.511 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

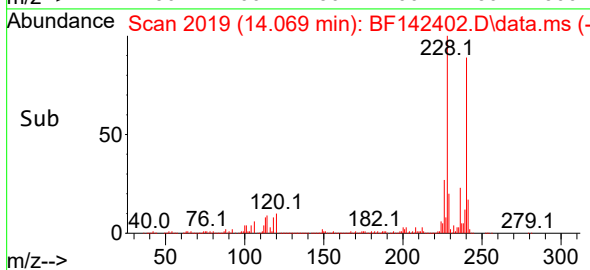
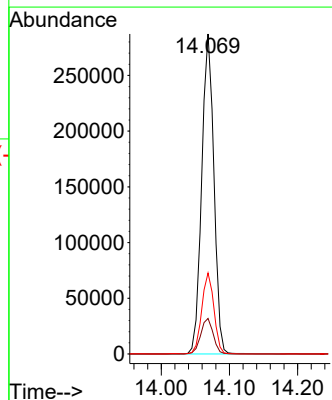
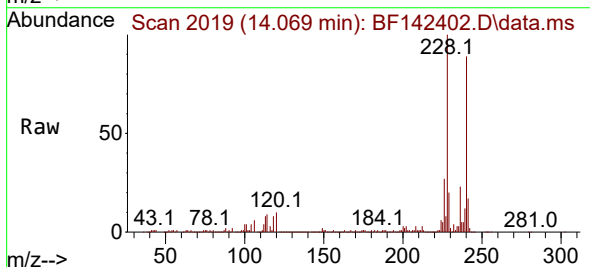
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

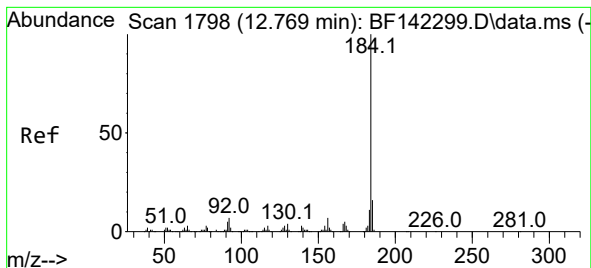
Tgt Ion:202 Resp: 1230631
Ion Ratio Lower Upper
202 100
101 10.7 0.0 31.4
203 17.8 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.069 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:240 Resp: 357299
Ion Ratio Lower Upper
240 100
120 11.1 9.7 14.5
236 25.3 20.0 30.0





#77

Benzidine

Concen: 91.543 ng

RT: 12.763 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

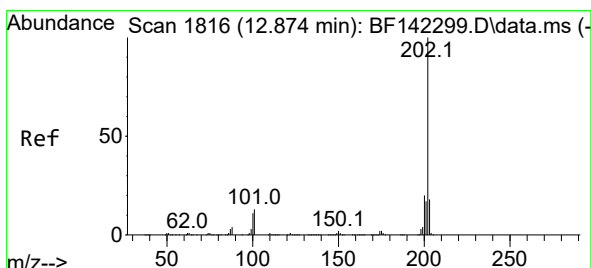
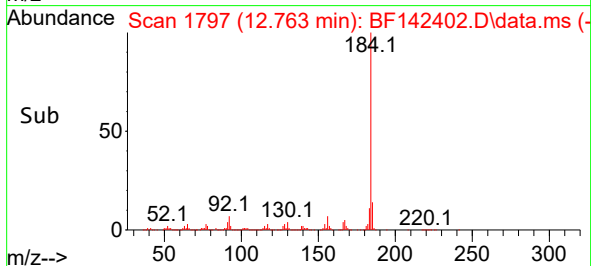
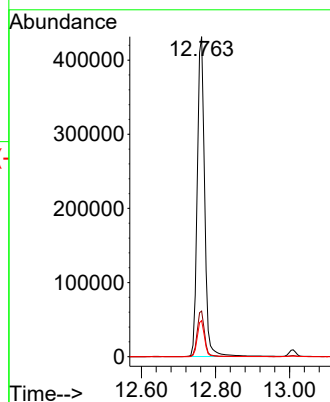
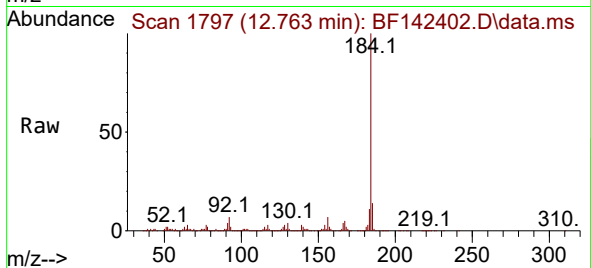
Tgt Ion:184 Resp: 594398

Ion Ratio Lower Upper

184 100

185 14.2 12.6 18.8

183 11.3 8.6 12.8



#78

Pyrene

Concen: 38.350 ng

RT: 12.869 min Scan# 1815

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

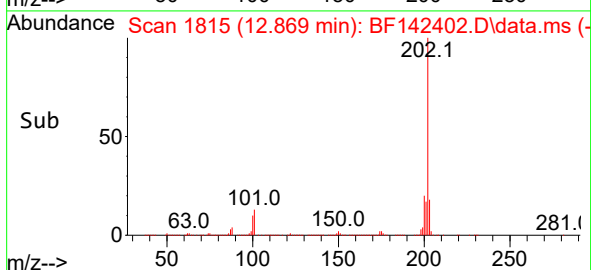
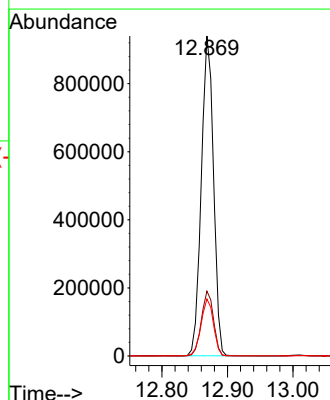
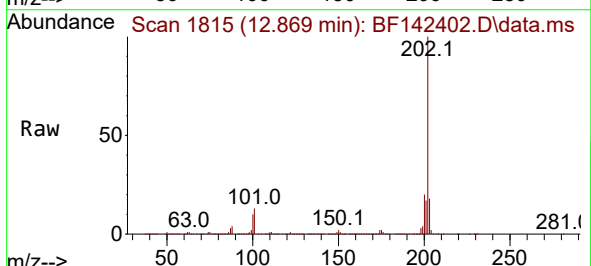
Tgt Ion:202 Resp: 1219651

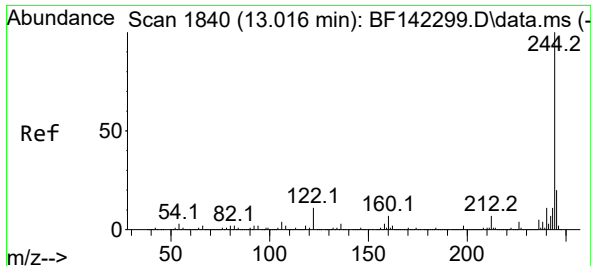
Ion Ratio Lower Upper

202 100

200 20.2 16.2 24.4

203 17.8 14.3 21.5

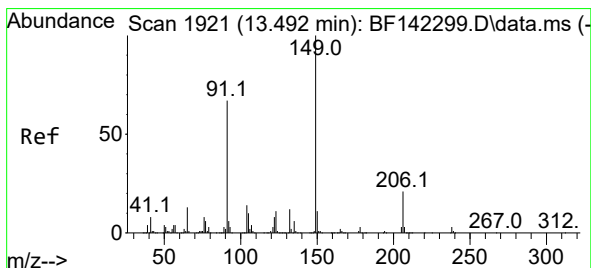
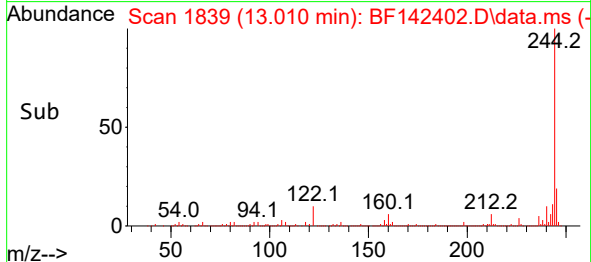
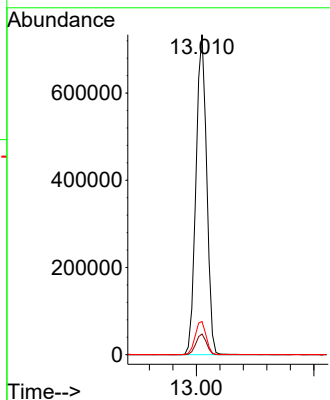
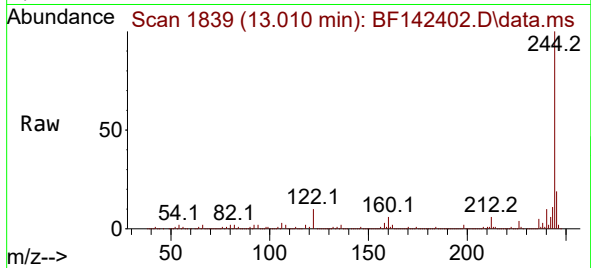




#79
 Terphenyl-d14
 Concen: 38.405 ng
 RT: 13.010 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

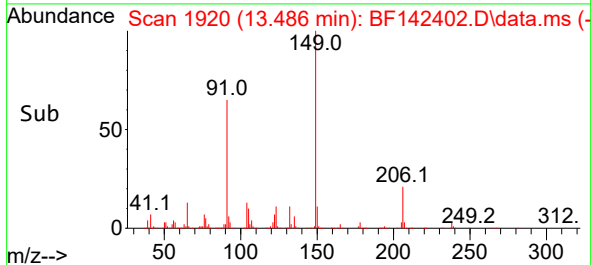
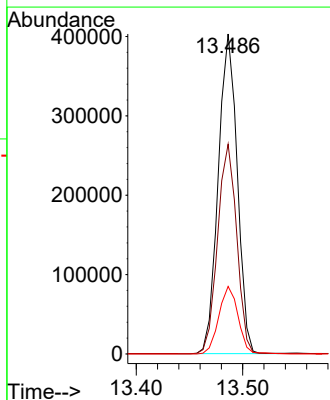
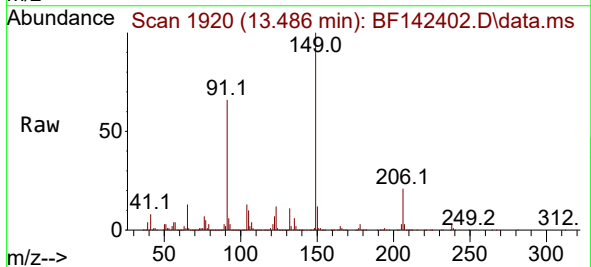
Instrument :
 BNA_F
 ClientSampleId :
 COMP-2MSD

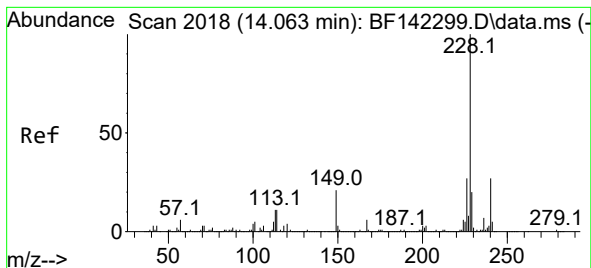
Tgt Ion:244 Resp: 927111
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.2
 122 10.4 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 53.256 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142402.D
 Acq: 15 May 2025 20:07

Tgt Ion:149 Resp: 498308
 Ion Ratio Lower Upper
 149 100
 91 65.5 53.8 80.6
 206 21.1 16.6 24.8





#81

Benzo(a)anthracene

Concen: 43.581 ng

RT: 14.057 min Scan# 2017

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

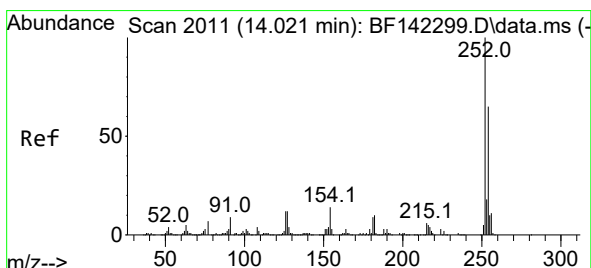
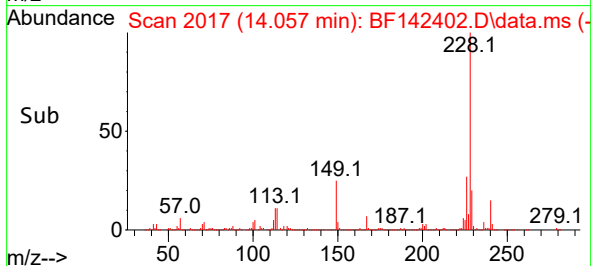
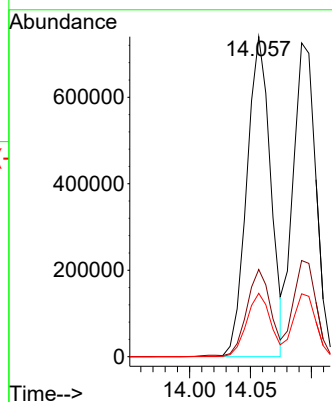
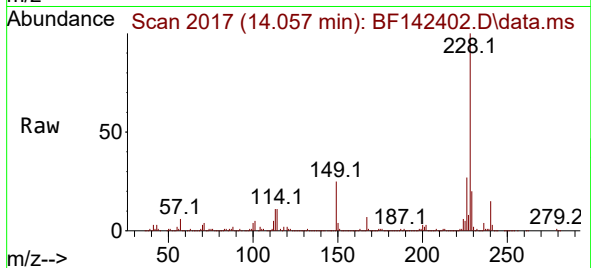
Tgt Ion:228 Resp: 1008432

Ion Ratio Lower Upper

228 100

226 27.2 21.5 32.3

229 19.8 15.9 23.9



#82

3,3'-Dichlorobenzidine

Concen: 44.053 ng

RT: 14.021 min Scan# 2011

Delta R.T. 0.000 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

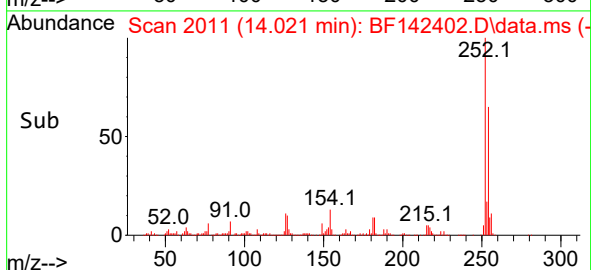
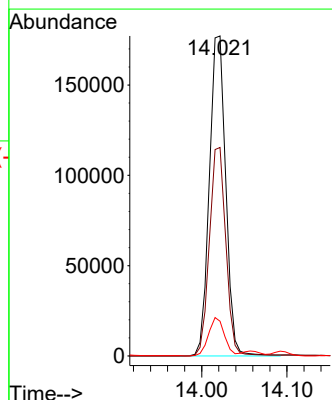
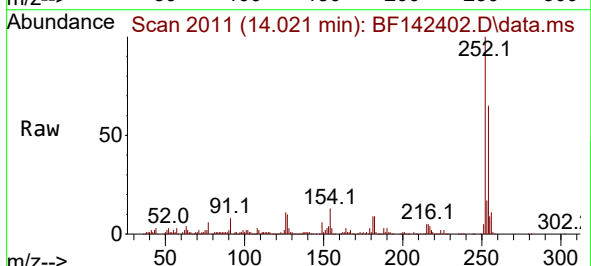
Tgt Ion:252 Resp: 237050

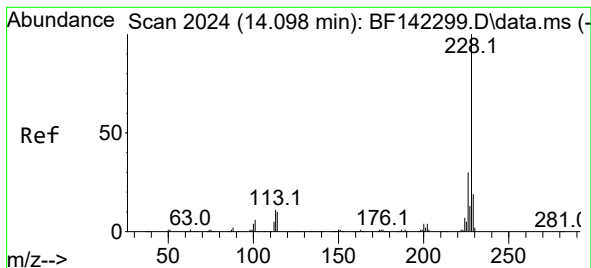
Ion Ratio Lower Upper

252 100

254 65.2 52.0 78.0

126 10.9 9.7 14.5





#83

Chrysene

Concen: 43.605 ng

RT: 14.092 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

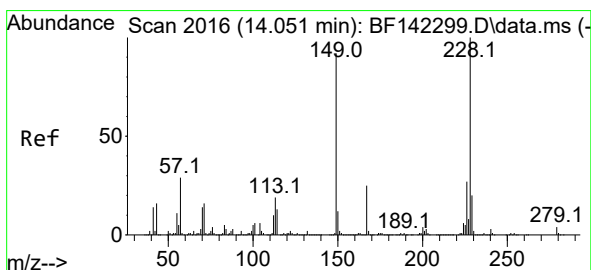
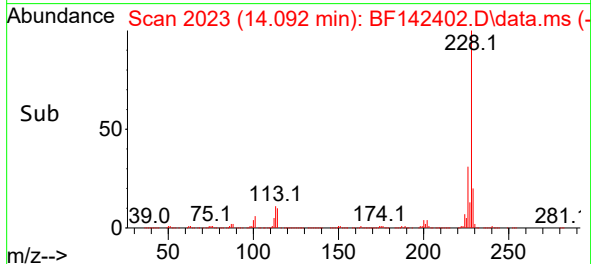
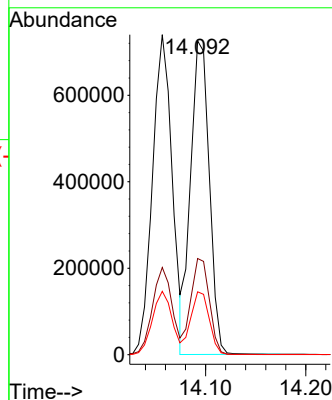
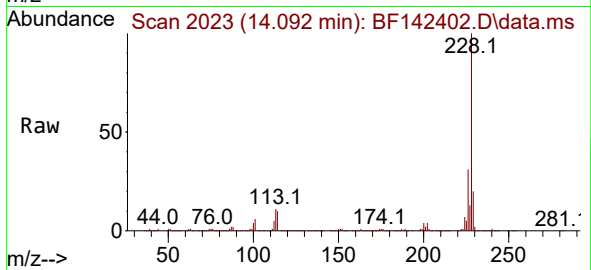
Tgt Ion:228 Resp: 939296

Ion Ratio Lower Upper

228 100

226 30.6 23.9 35.9

229 20.1 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.345 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

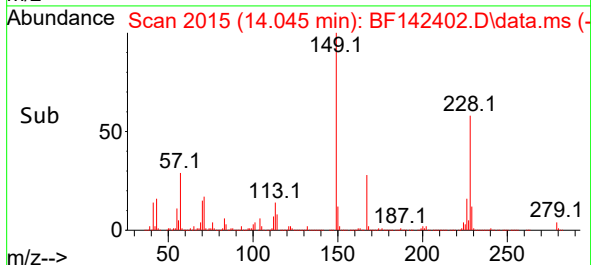
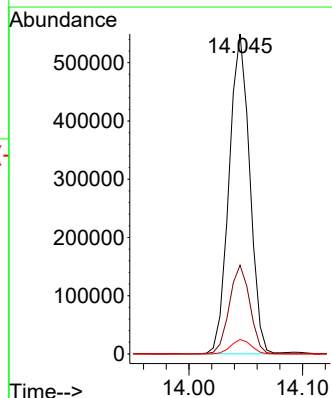
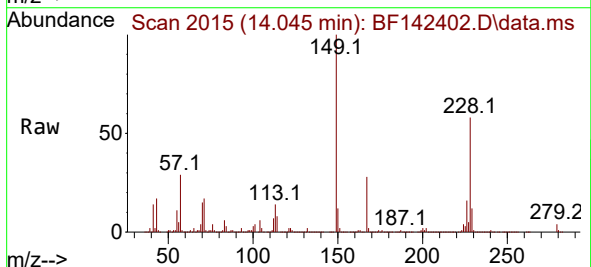
Tgt Ion:149 Resp: 690780

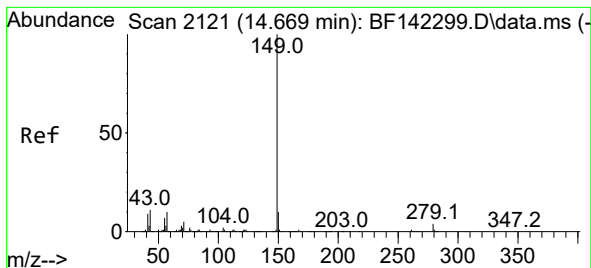
Ion Ratio Lower Upper

149 100

167 27.7 22.0 33.0

279 4.5 3.0 4.6





#85

Di-n-octyl phthalate

Concen: 51.631 ng

RT: 14.663 min Scan# 2121

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

Instrument :

BNA_F

ClientSampleId :

COMP-2MSD

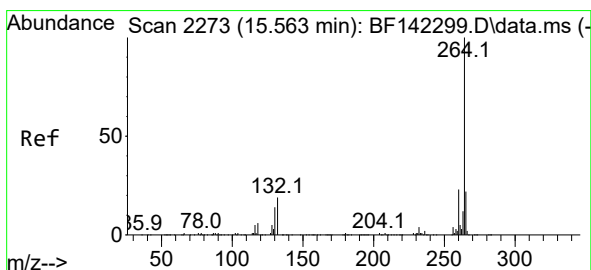
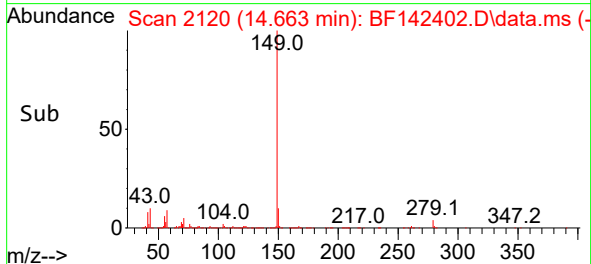
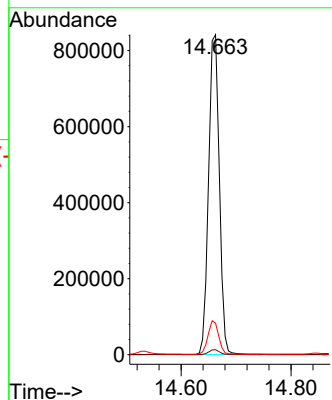
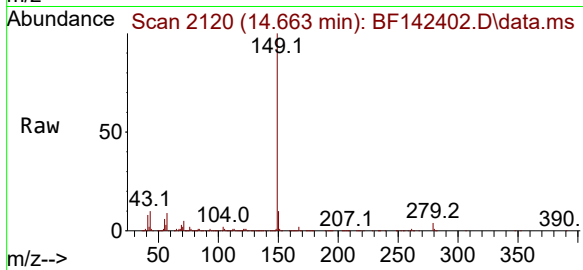
Tgt Ion:149 Resp: 1140580

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 10.4 9.2 13.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.557 min Scan# 2272

Delta R.T. -0.006 min

Lab File: BF142402.D

Acq: 15 May 2025 20:07

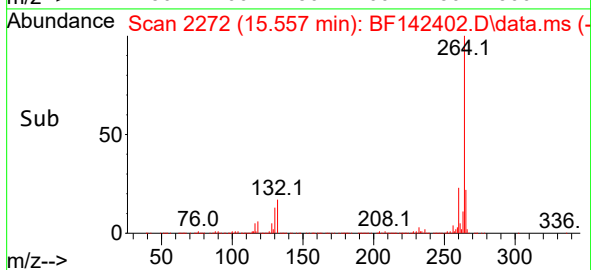
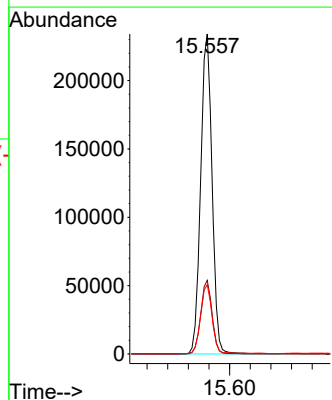
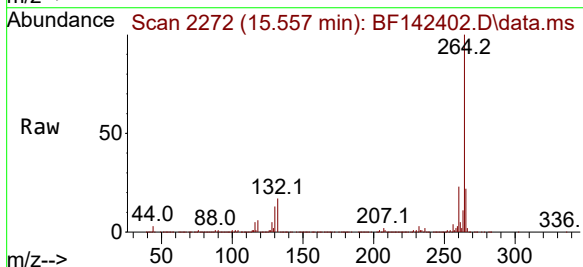
Tgt Ion:264 Resp: 357885

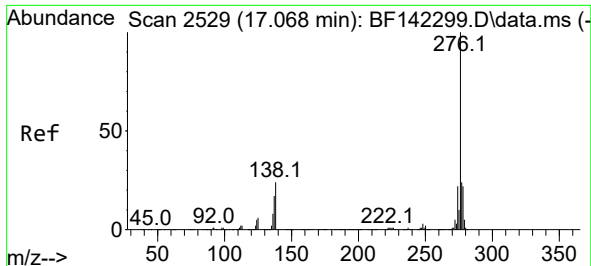
Ion Ratio Lower Upper

264 100

260 23.0 18.6 27.8

265 21.6 17.5 26.3

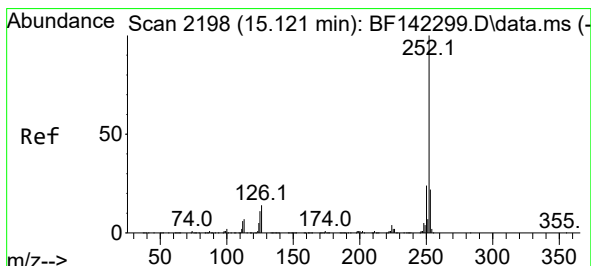
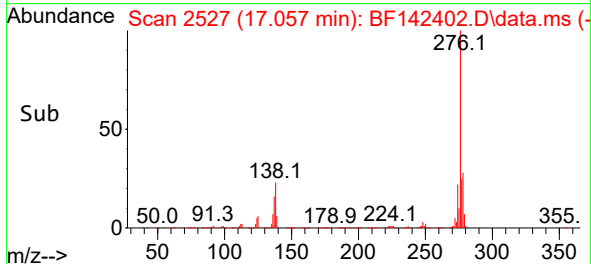
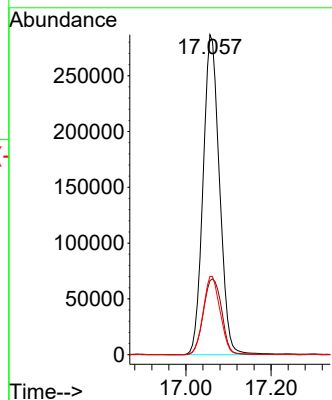
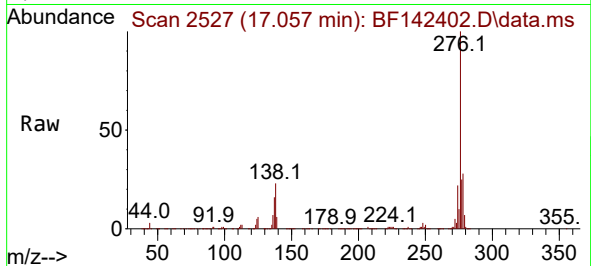




#87
Indeno(1,2,3-cd)pyrene
Concen: 30.801 ng
RT: 17.057 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

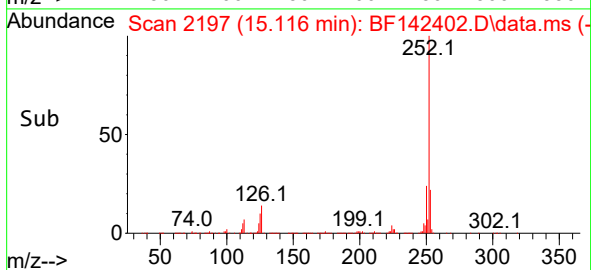
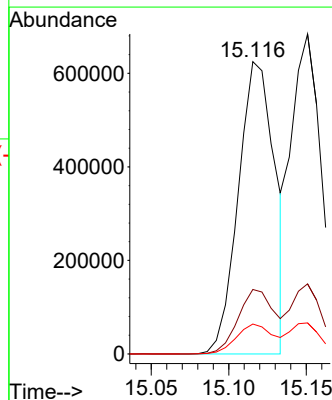
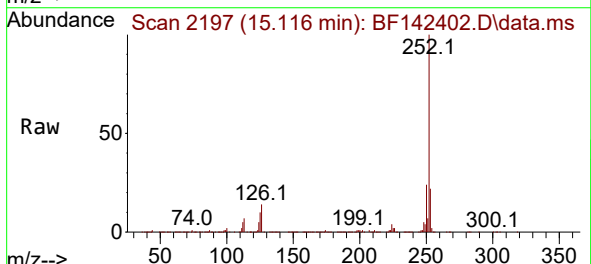
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

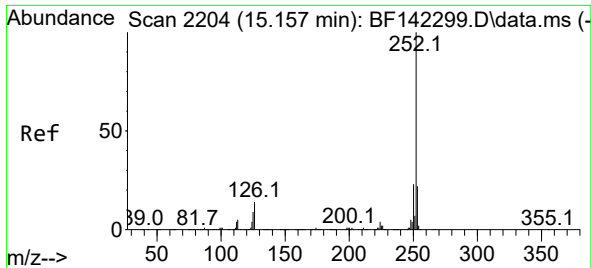
Tgt Ion:276 Resp: 766815
Ion Ratio Lower Upper
276 100
138 26.5 22.0 33.0
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 47.173 ng
RT: 15.116 min Scan# 2197
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:252 Resp: 1022509
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.3 8.7 13.1

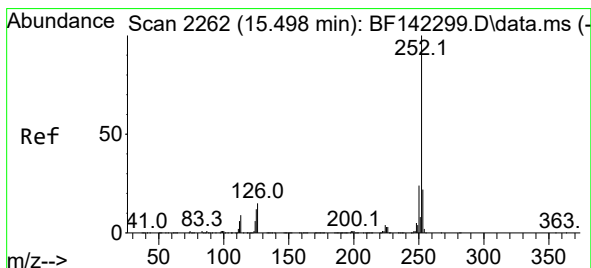
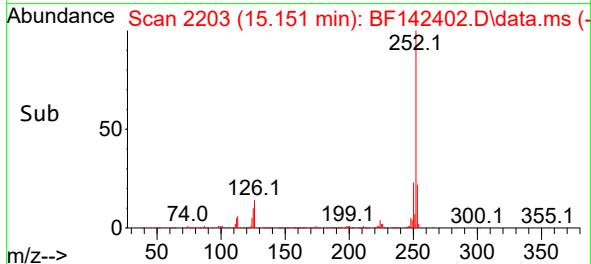
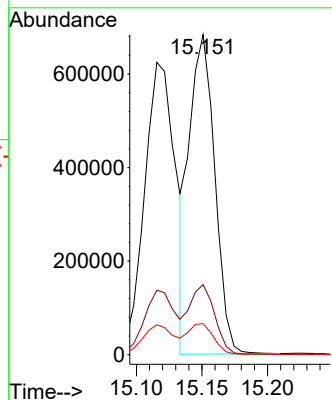
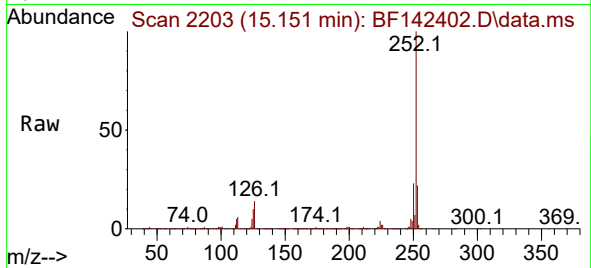




#89
Benzo(k)fluoranthene
Concen: 46.582 ng
RT: 15.151 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

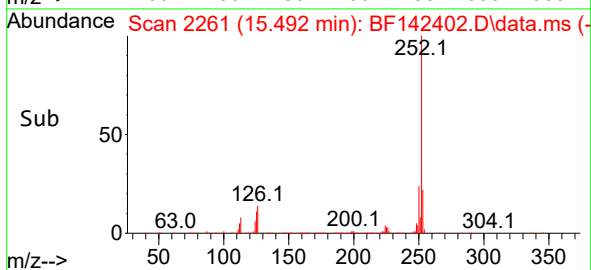
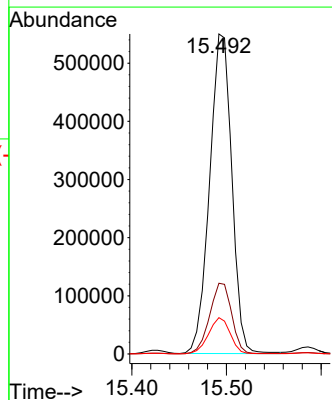
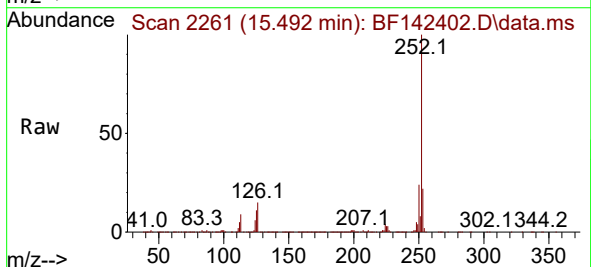
Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

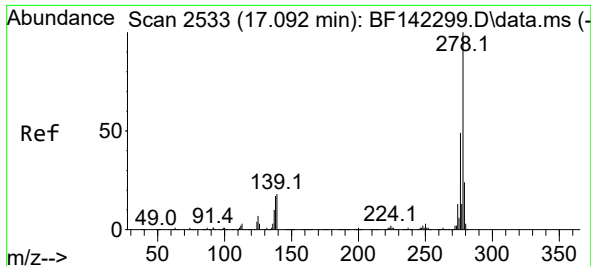
Tgt Ion:252 Resp: 924000
Ion Ratio Lower Upper
252 100
253 21.9 17.6 26.4
125 9.7 8.1 12.1



#90
Benzo(a)pyrene
Concen: 46.067 ng
RT: 15.492 min Scan# 2261
Delta R.T. -0.006 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:252 Resp: 894784
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.6
125 11.3 9.4 14.0

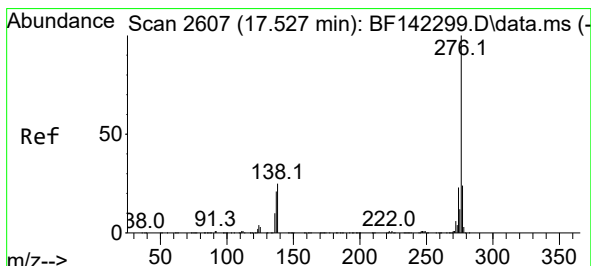
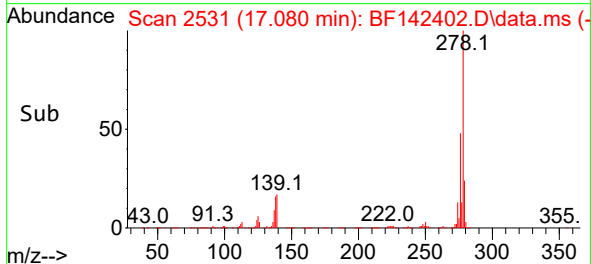
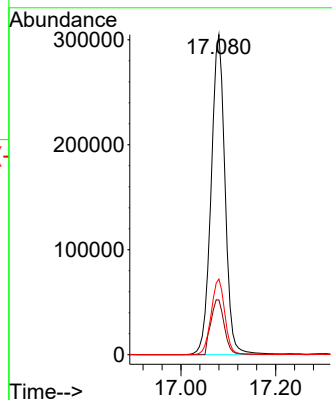
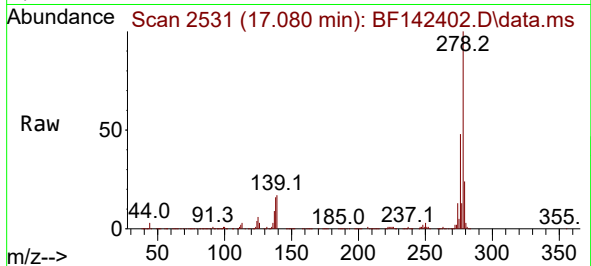




#91
Dibenzo(a,h)anthracene
Concen: 30.237 ng
RT: 17.080 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Instrument :
BNA_F
ClientSampleId :
COMP-2MSD

Tgt Ion:278 Resp: 621912
Ion Ratio Lower Upper
278 100
139 17.1 14.5 21.7
279 23.7 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 28.241 ng
RT: 17.509 min Scan# 2604
Delta R.T. -0.018 min
Lab File: BF142402.D
Acq: 15 May 2025 20:07

Tgt Ion:276 Resp: 576490
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.6
138 23.4 19.8 29.6

