

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051425\
 Data File : BF142367.D
 Acq On : 14 May 2025 15:48
 Operator : RC/JU
 Sample : Q1982-03MSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Quant Time: May 14 16:18:26 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	6.898	152	163411	20.000	ng	0.00
21) Naphthalene-d8	8.186	136	663275	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	383694	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	695642	20.000	ng	0.00
76) Chrysene-d12	14.068	240	504507	20.000	ng	0.00
86) Perylene-d12	15.557	264	463876	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	727810	76.031	ng	0.00
7) Phenol-d6	6.522	99	917285	77.911	ng	0.00
23) Nitrobenzene-d5	7.463	82	543317	49.957	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	329981	89.076	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	1223365	45.462	ng	0.00
79) Terphenyl-d14	13.010	244	1503921	44.122	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	147968	34.326	ng	99
3) Pyridine	3.451	79	404047	39.923	ng	98
4) n-Nitrosodimethylamine	3.404	42	233999	39.781	ng	96
6) Aniline	6.563	93	610214	52.841	ng	99
8) 2-Chlorophenol	6.681	128	464357	45.395	ng	98
9) Benzaldehyde	6.445	77	279913	40.621	ng	99
10) Phenol	6.534	94	592200	47.452	ng	98
11) bis(2-Chloroethyl)ether	6.634	93	427498	34.736	ng	97
12) 1,3-Dichlorobenzene	6.839	146	482962	41.269	ng	98
13) 1,4-Dichlorobenzene	6.916	146	490447	41.739	ng	99
14) 1,2-Dichlorobenzene	7.069	146	475638	42.172	ng	99
15) Benzyl Alcohol	7.039	79	372562	48.868	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.175	45	750259	40.823	ng	100
17) 2-Methylphenol	7.145	107	366691	44.277	ng	100
18) Hexachloroethane	7.416	117	170553	43.625	ng	99
19) n-Nitroso-di-n-propyla...	7.310	70	312261	42.877	ng	99
20) 3+4-Methylphenols	7.298	107	461691	44.669	ng	95
22) Acetophenone	7.310	105	599580	40.656	ng	99
24) Nitrobenzene	7.481	77	460221	44.892	ng	98
25) Isophorone	7.722	82	870718	42.279	ng	100
26) 2-Nitrophenol	7.798	139	241919	48.876	ng	99
27) 2,4-Dimethylphenol	7.833	122	447816	43.249	ng	99
28) bis(2-Chloroethoxy)met...	7.934	93	545344	41.181	ng	99
29) 2,4-Dichlorophenol	8.039	162	404695	45.972	ng	98
30) 1,2,4-Trichlorobenzene	8.122	180	413037	41.691	ng	99
31) Naphthalene	8.204	128	1348598	41.952	ng	100
32) Benzoic acid	7.939	122	301339	52.709	ng	99
33) 4-Chloroaniline	8.251	127	254396	19.394	ng	99
34) Hexachlorobutadiene	8.322	225	246231	41.973	ng	99
35) Caprolactam	8.616	113	140852m	54.900	ng	
36) 4-Chloro-3-methylphenol	8.728	107	424687	46.409	ng	99
37) 2-Methylnaphthalene	8.898	142	860980	43.103	ng	99
38) 1-Methylnaphthalene	8.998	142	882557	42.391	ng	99
40) 1,2,4,5-Tetrachloroben...	9.063	216	420929	39.280	ng	99
41) Hexachlorocyclopentadiene	9.051	237	575524	86.900	ng	99
43) 2,4,6-Trichlorophenol	9.169	196	304019	44.977	ng	100

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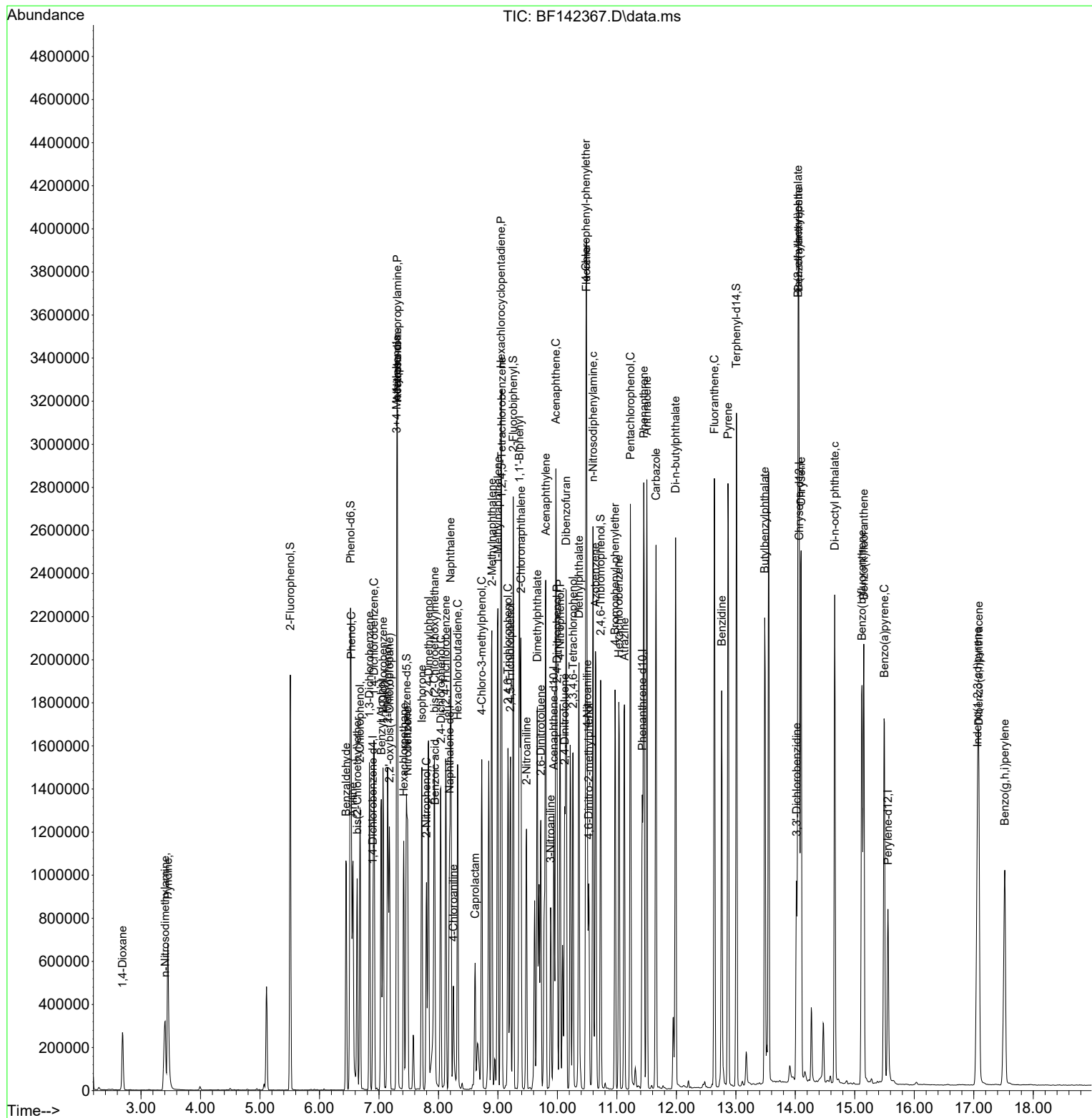
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44) 2,4,5-Trichlorophenol	9.210	196	329488	45.813	ng	99
46) 1,1'-Biphenyl	9.363	154	1179021	40.076	ng	99
47) 2-Chloronaphthalene	9.386	162	876771	40.075	ng	99
48) 2-Nitroaniline	9.480	65	278721	49.701	ng	93
49) Acenaphthylene	9.804	152	1503613	41.083	ng	100
50) Dimethylphthalate	9.663	163	1087910	44.156	ng	100
51) 2,6-Dinitrotoluene	9.722	165	235845	51.140	ng	91
52) Acenaphthene	9.975	154	1015493	46.144	ng	99
53) 3-Nitroaniline	9.886	138	197625	36.538	ng	95
54) 2,4-Dinitrophenol	9.992	184	287471	115.398	ng	# 3
55) Dibenzofuran	10.145	168	1338806	41.222	ng	99
56) 4-Nitrophenol	10.045	139	457871	112.478	ng	96
57) 2,4-Dinitrotoluene	10.122	165	336965	56.961	ng	96
58) Fluorene	10.486	166	1029226	41.525	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	285508	48.088	ng	98
60) Diethylphthalate	10.363	149	1099801	44.698	ng	99
61) 4-Chlorophenyl-phenyle...	10.480	204	505137	42.242	ng	100
62) 4-Nitroaniline	10.504	138	266492	62.165	ng	99
63) Azobenzene	10.639	77	1047634	44.557	ng	98
65) 4,6-Dinitro-2-methylph...	10.527	198	177334	53.686	ng	99
66) n-Nitrosodiphenylamine	10.598	169	943012	40.738	ng	100
67) 4-Bromophenyl-phenylether	10.969	248	331117	41.999	ng	99
68) Hexachlorobenzene	11.033	284	363982	41.971	ng	98
69) Atrazine	11.127	200	311861	51.109	ng	100
70) Pentachlorophenol	11.227	266	460619	100.965	ng	98
71) Phenanthrene	11.451	178	1517989	41.630	ng	100
72) Anthracene	11.504	178	1560663	41.655	ng	100
73) Carbazole	11.657	167	1466489	43.628	ng	100
74) Di-n-butylphthalate	11.986	149	1809368	51.191	ng	100
75) Fluoranthene	12.639	202	1657698	45.479	ng	100
77) Benzidine	12.763	184	1021921	111.462	ng	98
78) Pyrene	12.868	202	1674701	37.293	ng	100
80) Butylbenzylphthalate	13.486	149	716198	54.143	ng	99
81) Benzo(a)anthracene	14.057	228	1348952	41.287	ng	100
82) 3,3'-Dichlorobenzidine	14.021	252	288195	37.931	ng	98
83) Chrysene	14.098	228	1288523	42.364	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	983412	56.774	ng	100
85) Di-n-octyl phthalate	14.662	149	1530562	49.457	ng	97
87) Indeno(1,2,3-cd)pyrene	17.062	276	1201187	37.225	ng	99
88) Benzo(b)fluoranthene	15.121	252	1206700	42.951	ng	99
89) Benzo(k)fluoranthene	15.151	252	1158689	45.067	ng	100
90) Benzo(a)pyrene	15.498	252	1117294	44.379	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	992131	37.216	ng	98
92) Benzo(g,h,i)perylene	17.521	276	924006	34.922	ng	99

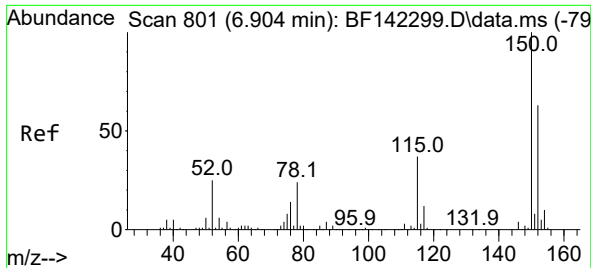
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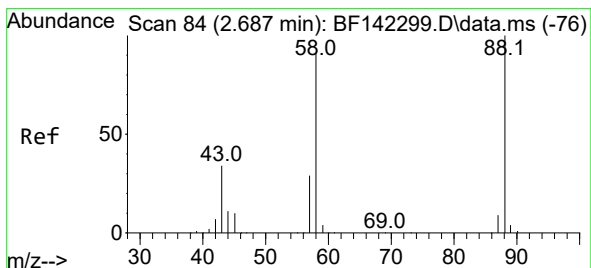
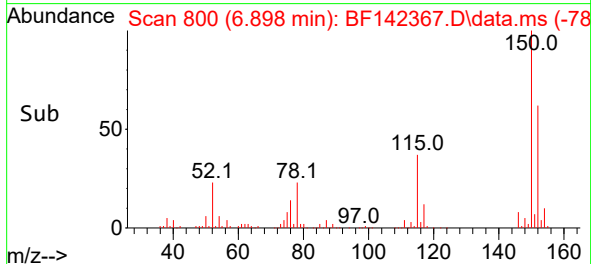
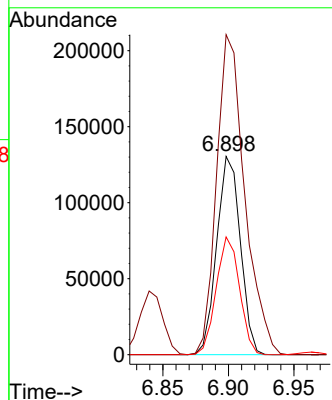
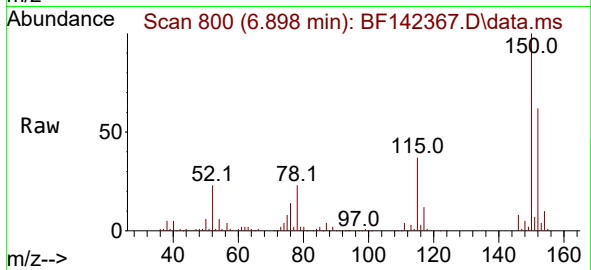




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

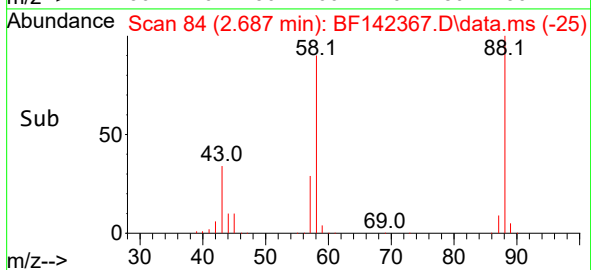
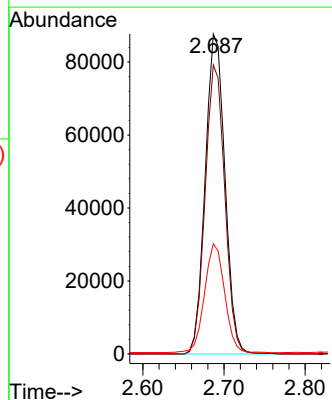
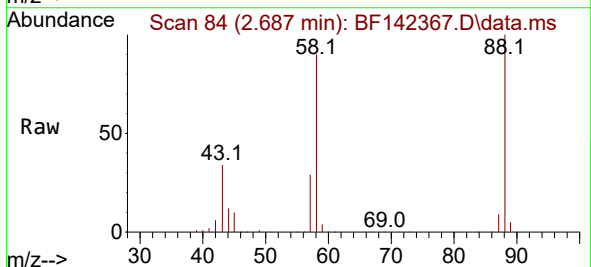
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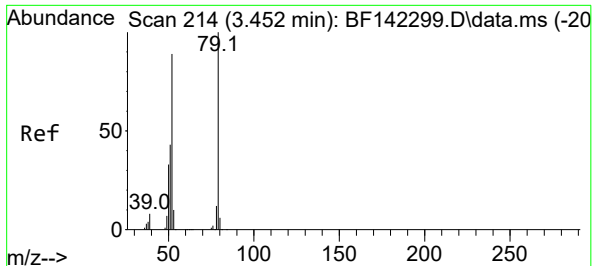
Tgt Ion:152 Resp: 163411
 Ion Ratio Lower Upper
 152 100
 150 161.4 126.6 190.0
 115 59.4 47.3 70.9



#2
 1,4-Dioxane
 Concen: 34.326 ng
 RT: 2.687 min Scan# 84
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion: 88 Resp: 147968
 Ion Ratio Lower Upper
 88 100
 58 90.0 73.0 109.4
 43 34.7 27.8 41.6

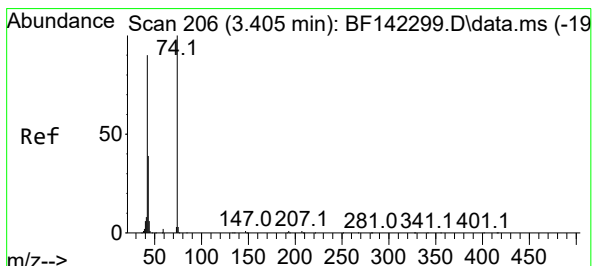
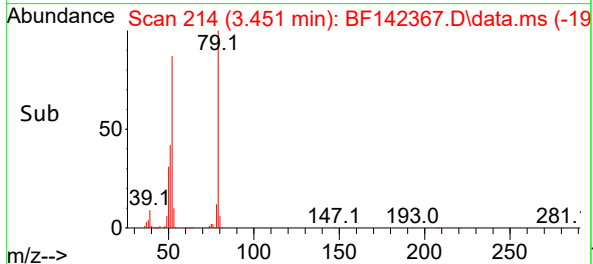
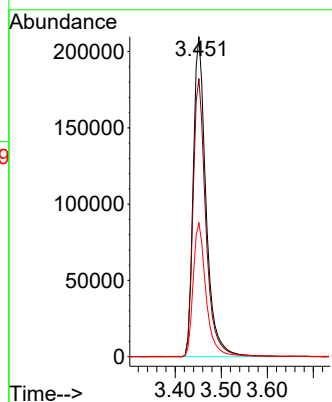
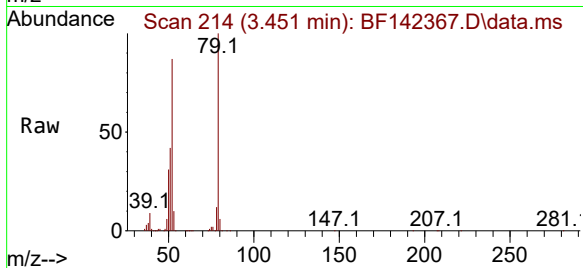




#3
 Pyridine
 Concen: 39.923 ng
 RT: 3.451 min Scan# 214
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

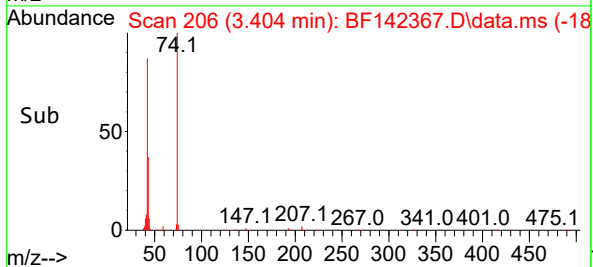
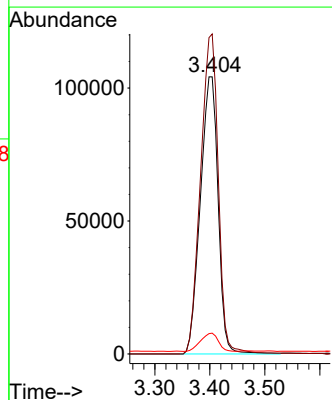
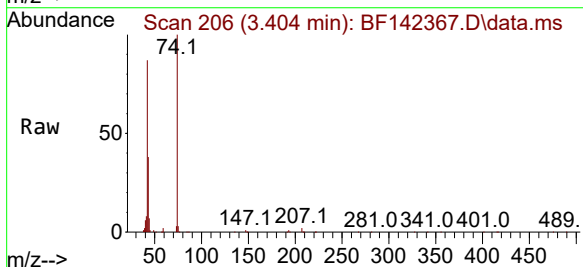
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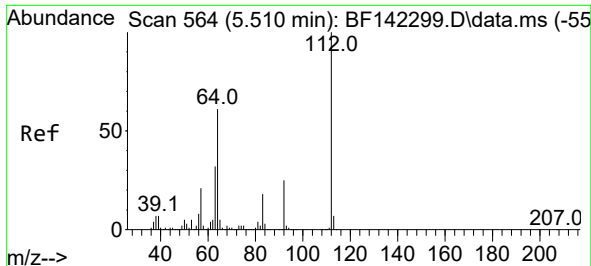
Tgt Ion: 79 Resp: 404047
 Ion Ratio Lower Upper
 79 100
 52 86.9 71.0 106.4
 51 41.8 34.9 52.3



#4
 n-Nitrosodimethylamine
 Concen: 39.781 ng
 RT: 3.404 min Scan# 206
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion: 42 Resp: 233999
 Ion Ratio Lower Upper
 42 100
 74 115.5 88.5 132.7
 44 7.5 5.8 8.8

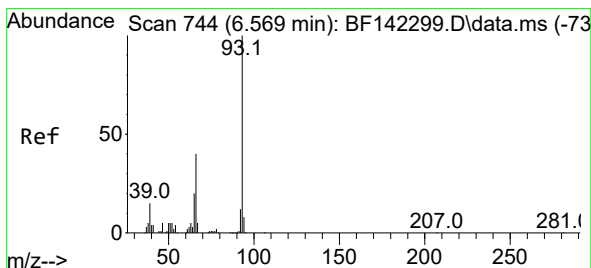
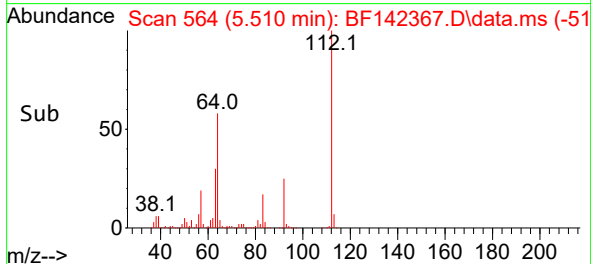
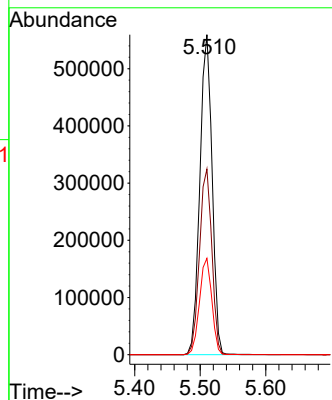
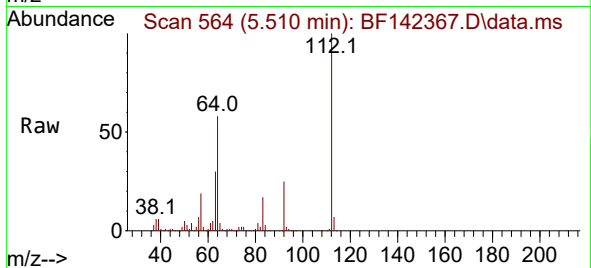




#5
2-Fluorophenol
Concen: 76.031 ng
RT: 5.510 min Scan# 510
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

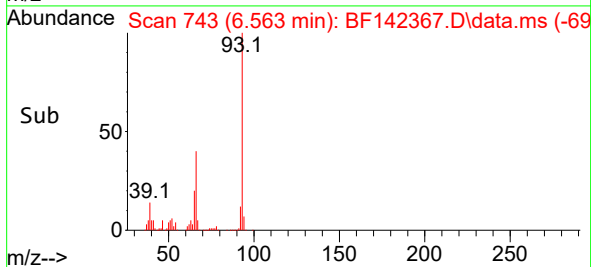
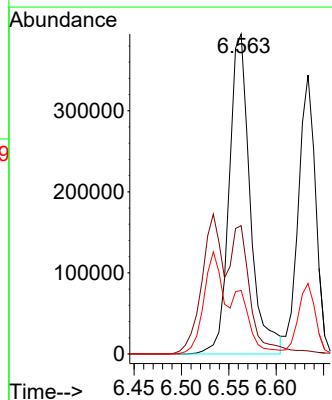
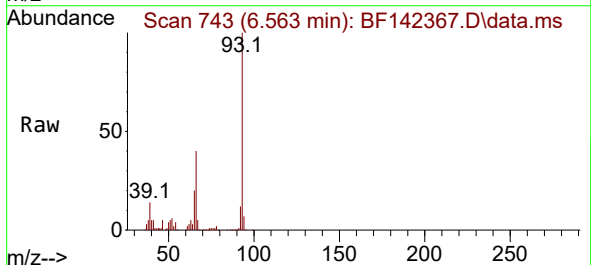
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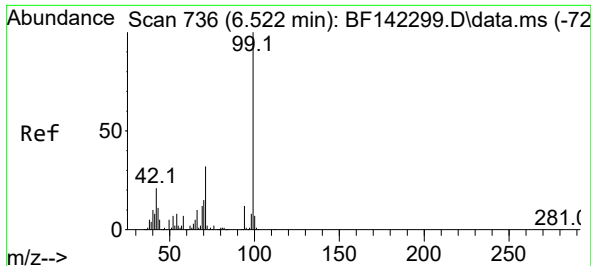
Tgt Ion:112 Resp: 727810
Ion Ratio Lower Upper
112 100
64 58.0 48.9 73.3
63 30.1 25.6 38.4



#6
Aniline
Concen: 52.841 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 93 Resp: 610214
Ion Ratio Lower Upper
93 100
66 40.1 32.2 48.4
65 19.9 16.3 24.5

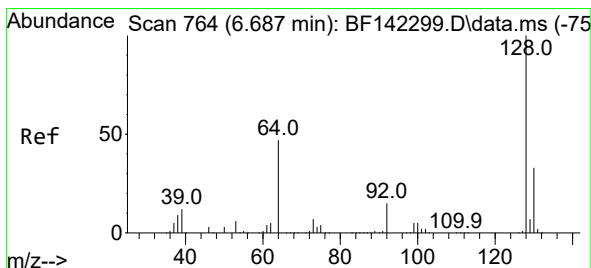
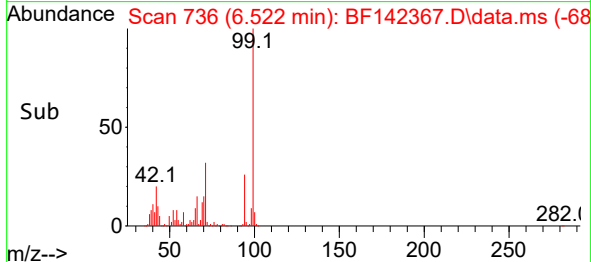
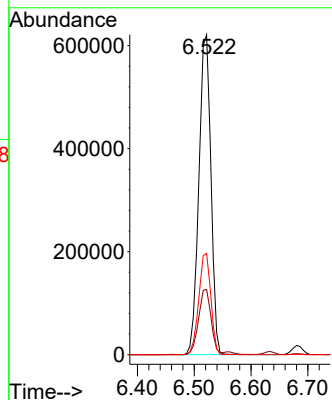
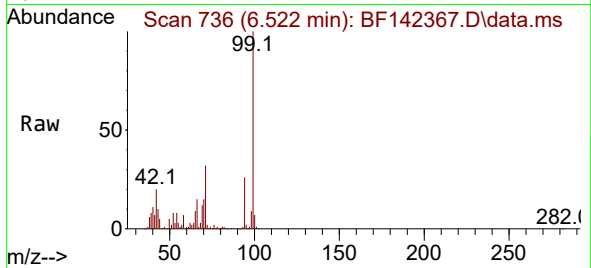




#7
Phenol-d6
Concen: 77.911 ng
RT: 6.522 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF142367.D
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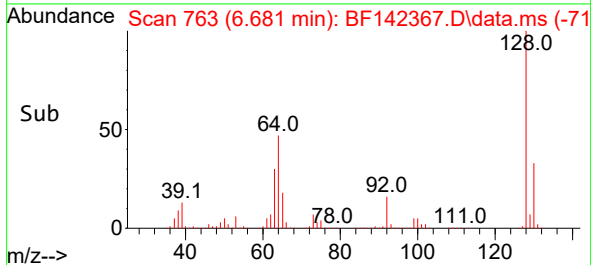
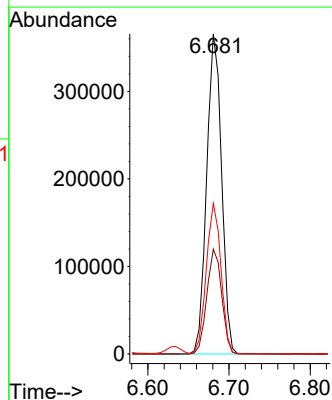
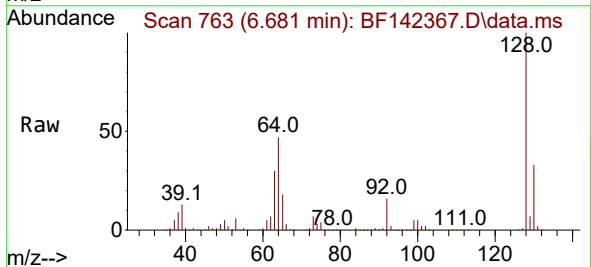
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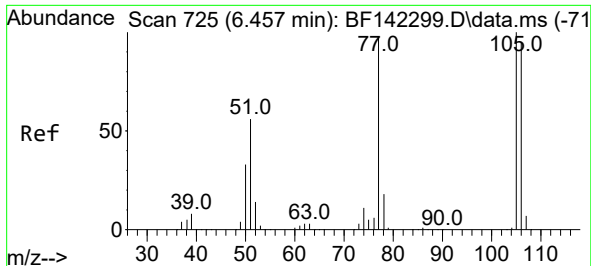
Tgt Ion: 99 Resp: 917285
Ion Ratio Lower Upper
99 100
42 20.4 17.0 25.4
71 31.6 25.8 38.8



#8
2-Chlorophenol
Concen: 45.395 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 464357
Ion Ratio Lower Upper
128 100
130 32.7 12.7 52.7
64 47.1 29.2 69.2

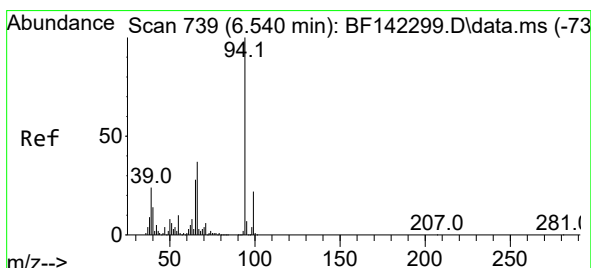
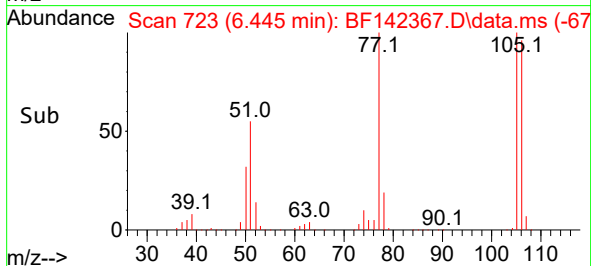
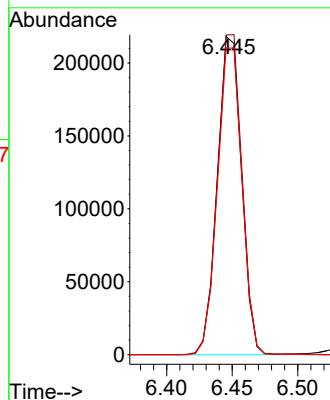
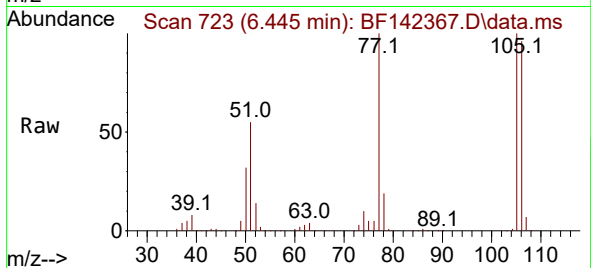




#9
Benzaldehyde
Concen: 40.621 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.012 min
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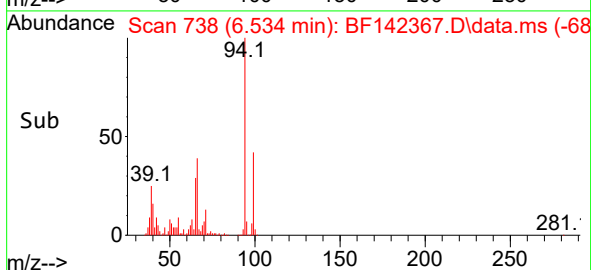
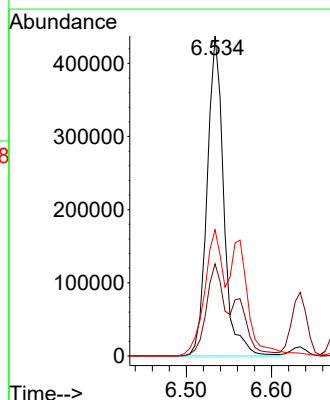
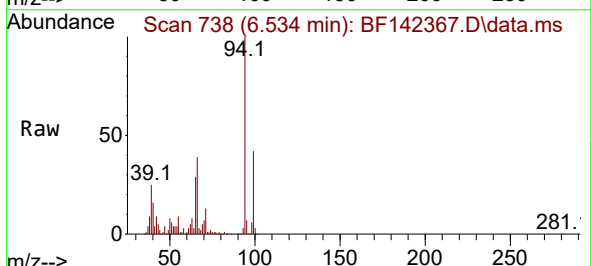
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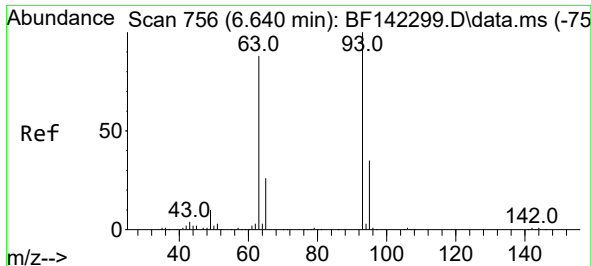
Tgt Ion: 77 Resp: 279913
Ion Ratio Lower Upper
77 100
105 100.4 82.0 122.0
106 96.3 77.2 117.2



#10
Phenol
Concen: 47.452 ng
RT: 6.534 min Scan# 738
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 94 Resp: 592200
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: 34.736 ng

RT: 6.634 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

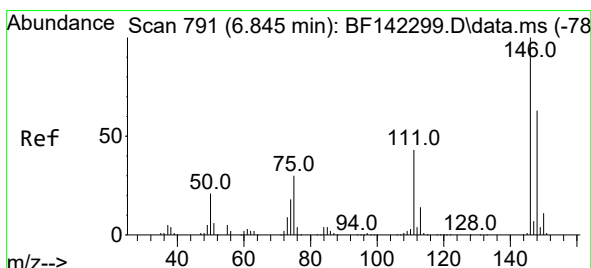
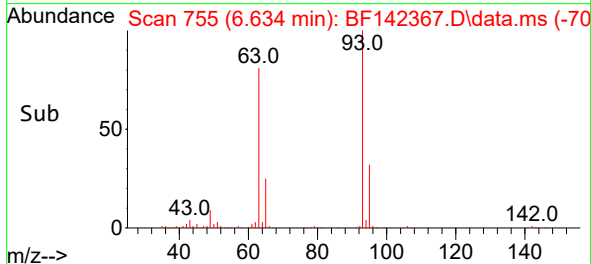
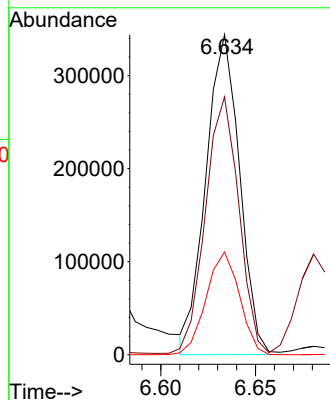
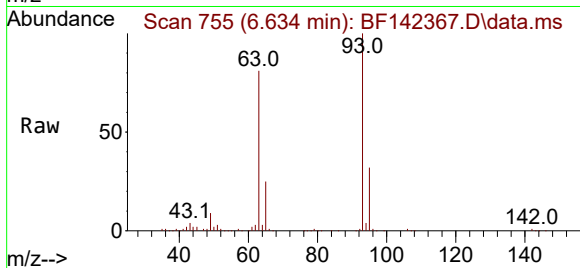
BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 93 Resp: 427498

Ion	Ratio	Lower	Upper
93	100		
63	80.6	58.4	98.4
95	32.1	10.6	50.6



#12

1,3-Dichlorobenzene

Concen: 41.269 ng

RT: 6.839 min Scan# 790

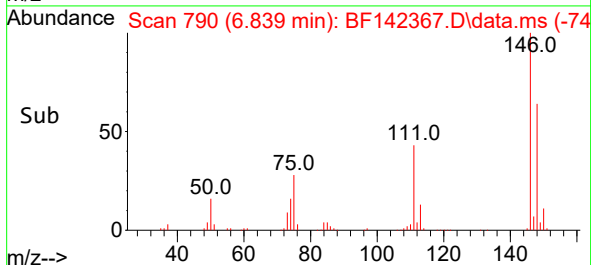
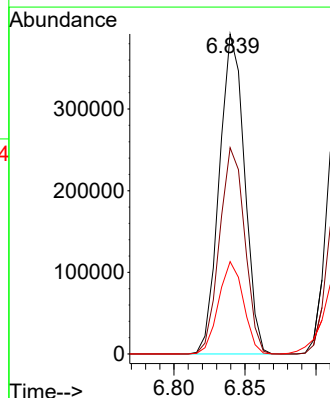
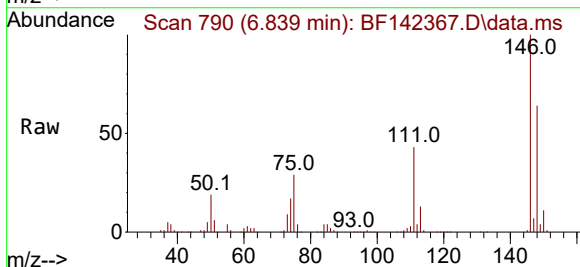
Delta R.T. -0.006 min

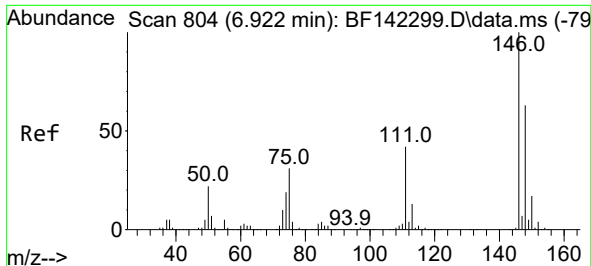
Lab File: BF142367.D

Acq: 14 May 2025 15:48

Tgt Ion: 146 Resp: 482962

Ion	Ratio	Lower	Upper
146	100		
148	64.5	50.6	76.0
75	28.9	24.2	36.4





#13

1,4-Dichlorobenzene

Concen: 41.739 ng

RT: 6.916 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

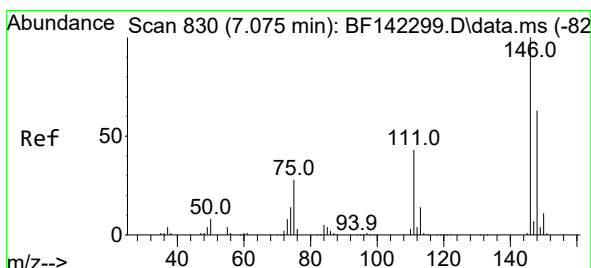
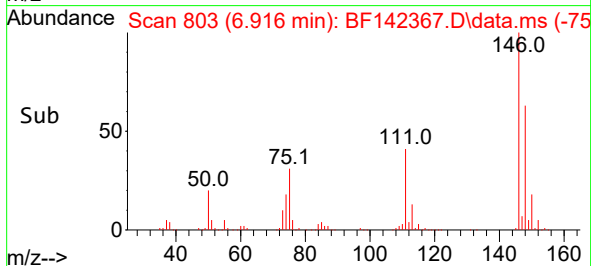
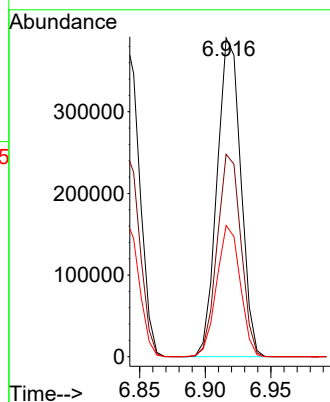
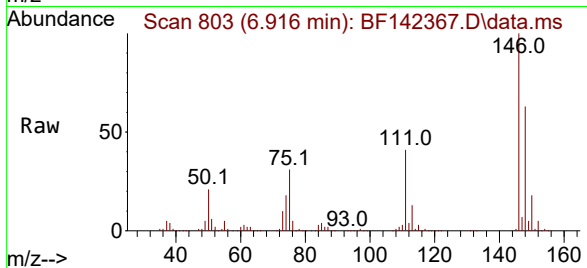
Tgt Ion:146 Resp: 490447

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

111 41.2 33.4 50.2



#14

1,2-Dichlorobenzene

Concen: 42.172 ng

RT: 7.069 min Scan# 829

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

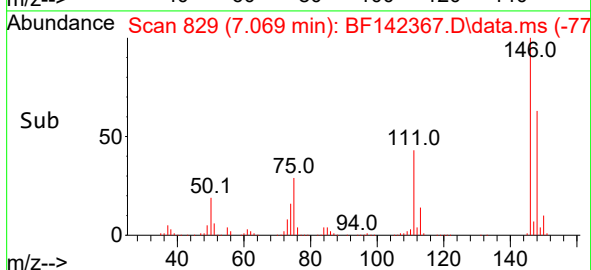
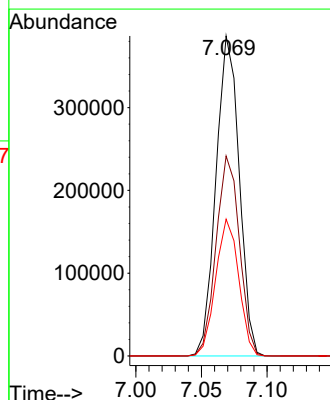
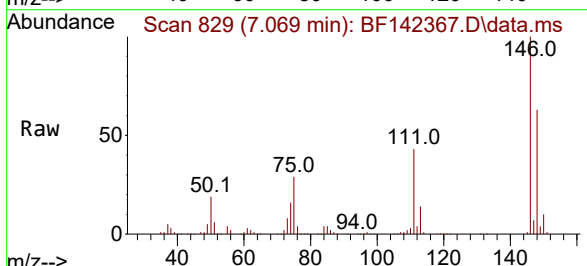
Tgt Ion:146 Resp: 475638

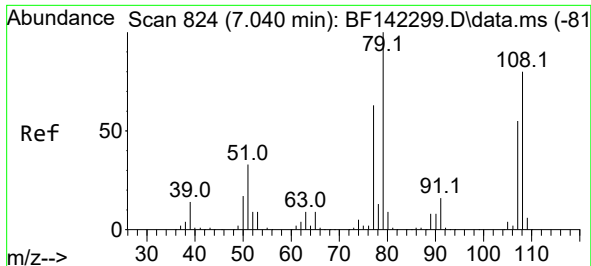
Ion Ratio Lower Upper

146 100

148 62.5 50.3 75.5

111 42.7 34.5 51.7

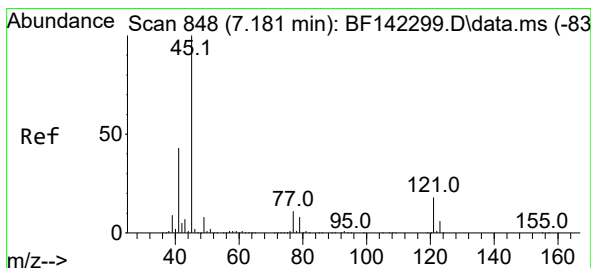
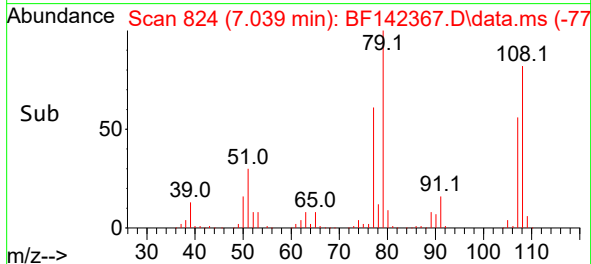
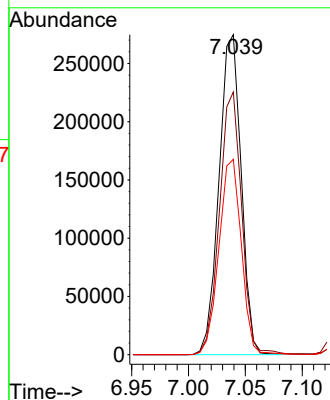
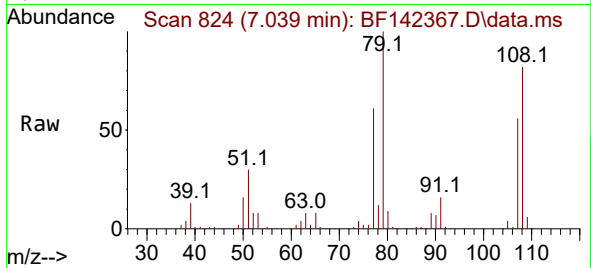




#15
Benzyl Alcohol
Concen: 48.868 ng
RT: 7.039 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

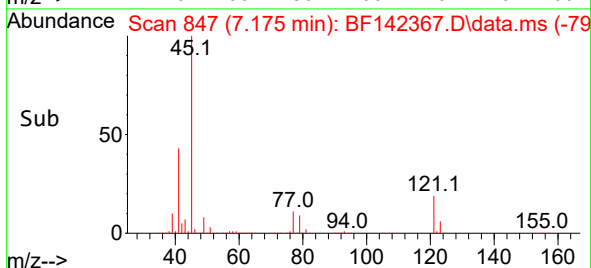
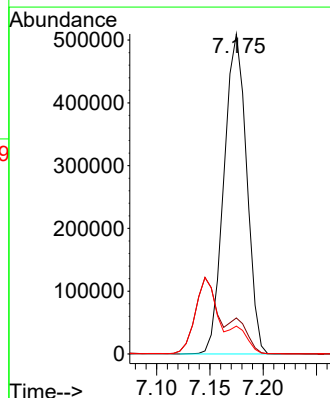
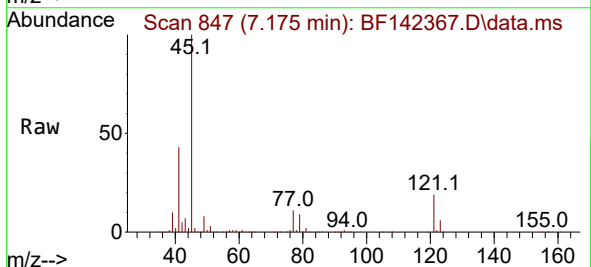
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

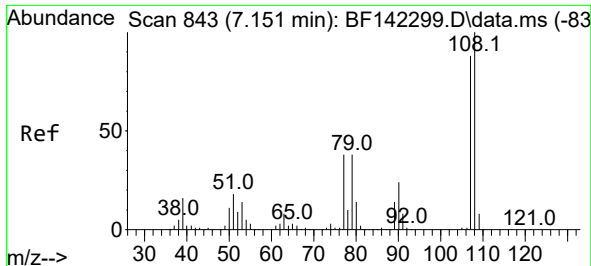
Tgt Ion: 79 Resp: 372562
Ion Ratio Lower Upper
79 100
108 82.1 63.9 95.9
77 61.1 50.7 76.1



#16
2,2'-oxybis(1-chloropropane)
Concen: 40.823 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 45 Resp: 750259
Ion Ratio Lower Upper
45 100
77 11.2 0.0 31.2
79 8.7 0.0 28.5

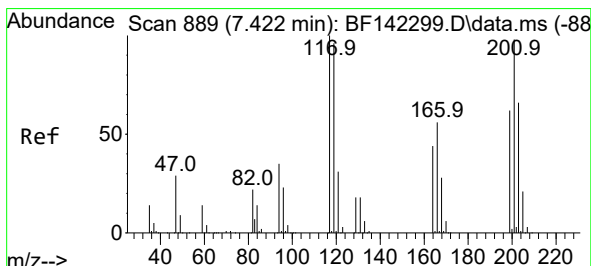
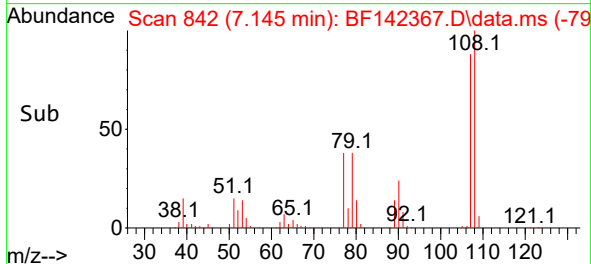
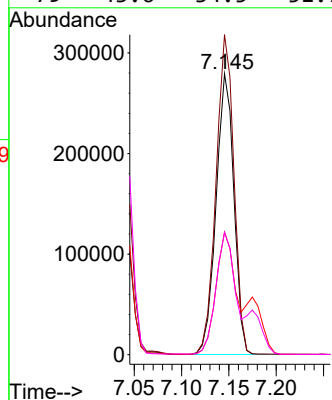
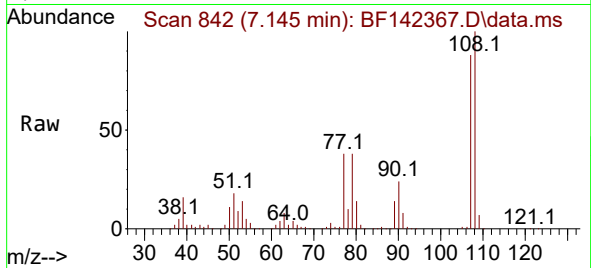




#17
2-Methylphenol
Concen: 44.277 ng
RT: 7.145 min Scan# 84
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

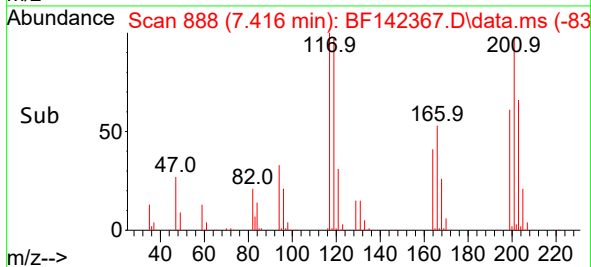
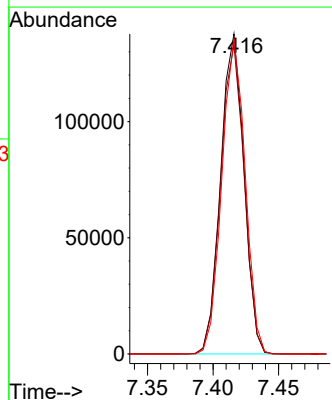
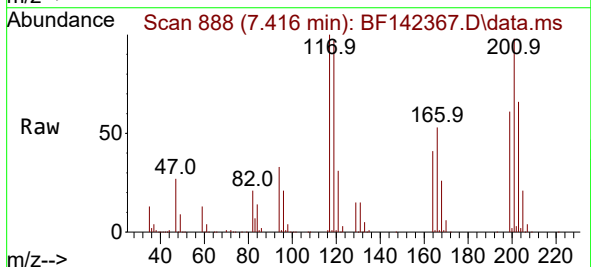
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

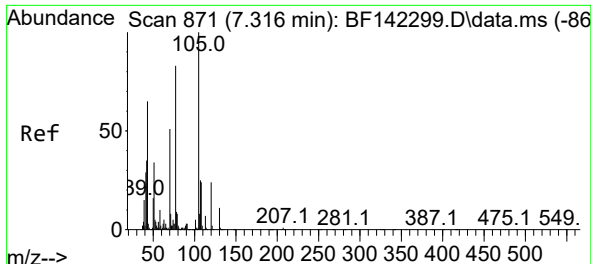
Tgt Ion:	107	Resp:	366691
Ion Ratio	Lower	Upper	
107	100		
108	113.9	91.1	136.7
77	43.6	34.7	52.1
79	43.6	34.5	51.7



#18
Hexachloroethane
Concen: 43.625 ng
RT: 7.416 min Scan# 888
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:	117	Resp:	170553
Ion Ratio	Lower	Upper	
117	100		
119	96.7	76.9	115.3
201	98.5	78.0	117.0

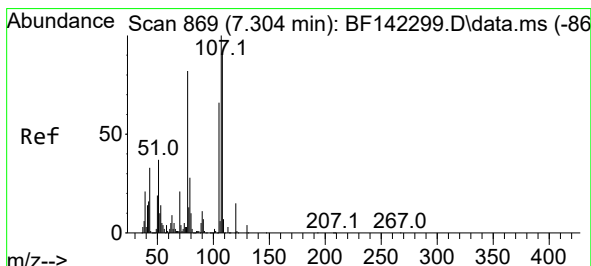
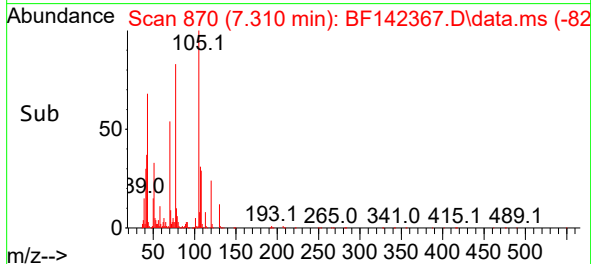
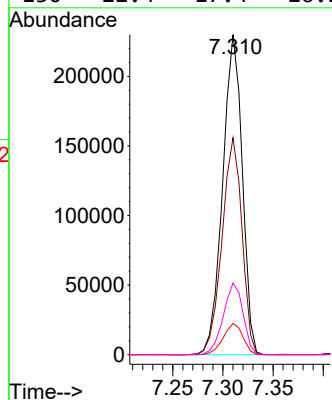
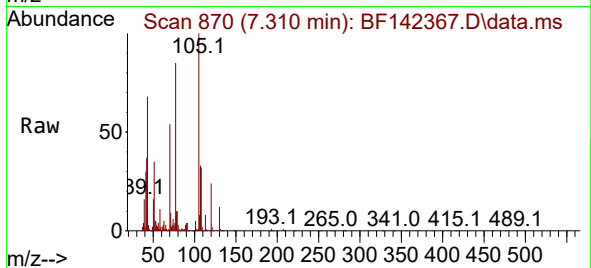




#19
n-Nitroso-di-n-propylamine
Concen: 42.877 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

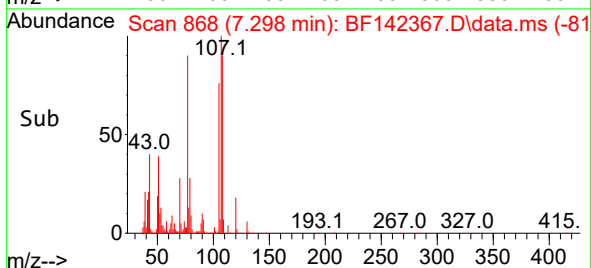
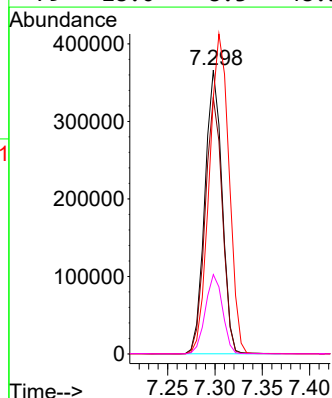
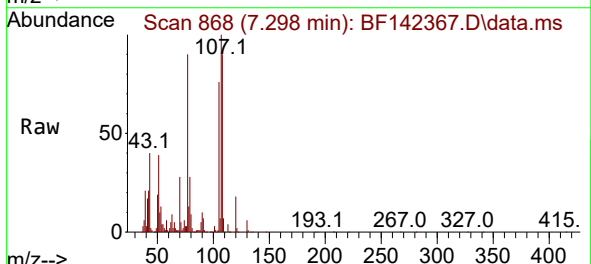
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

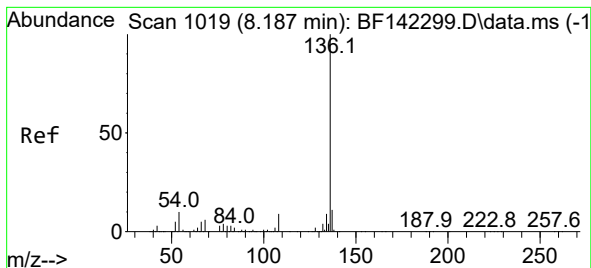
Tgt Ion: 70 Resp: 312261
Ion Ratio Lower Upper
70 100
42 67.8 54.8 82.2
101 9.8 7.7 11.5
130 22.4 17.4 26.2



#20
3+4-Methylphenols
Concen: 44.669 ng
RT: 7.298 min Scan# 868
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion: 107 Resp: 461691
Ion Ratio Lower Upper
107 100
108 90.3 71.5 111.5
77 90.3 61.6 101.6
79 28.0 8.3 48.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.186 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion:136 Resp: 663275

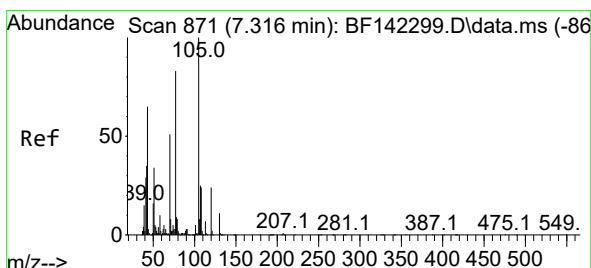
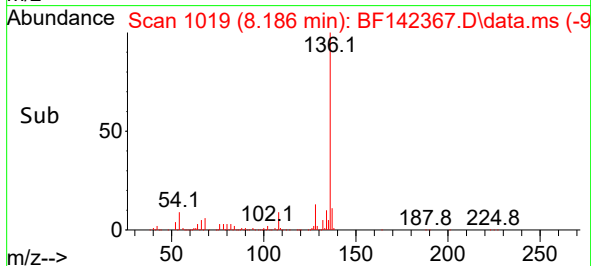
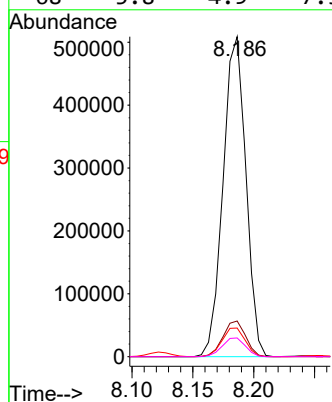
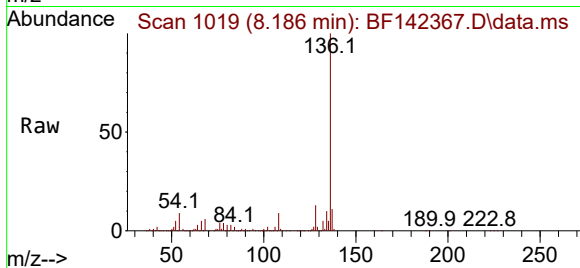
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 8.9 7.7 11.5

68 5.8 4.9 7.3



#22

Acetophenone

Concen: 40.656 ng

RT: 7.310 min Scan# 870

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Tgt Ion:105 Resp: 599580

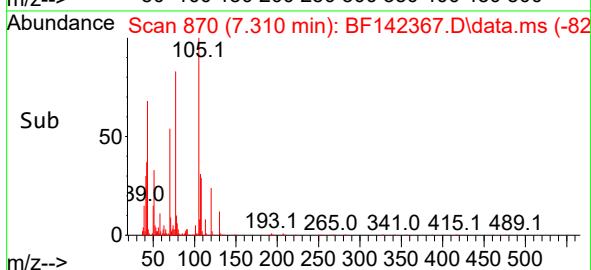
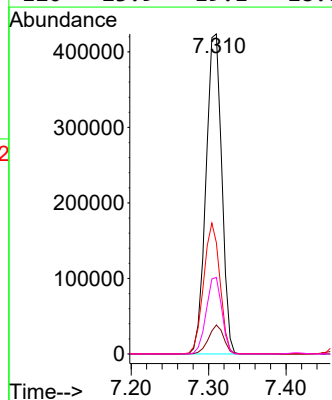
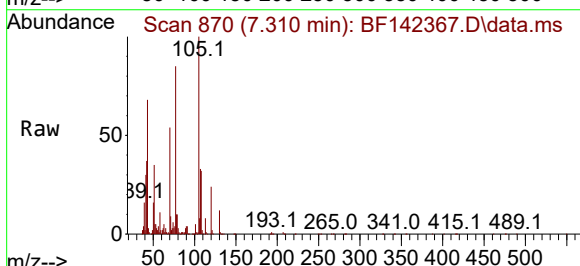
Ion Ratio Lower Upper

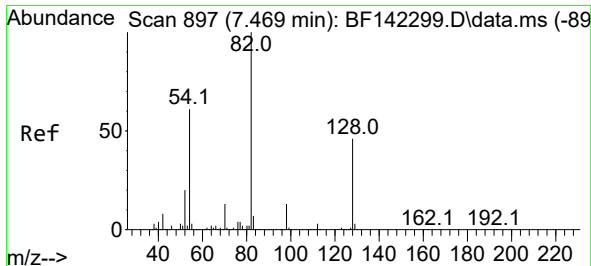
105 100

71 9.0 6.7 10.1

51 34.8 27.6 41.4

120 23.9 19.1 28.7





#23

Nitrobenzene-d5

Concen: 49.957 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

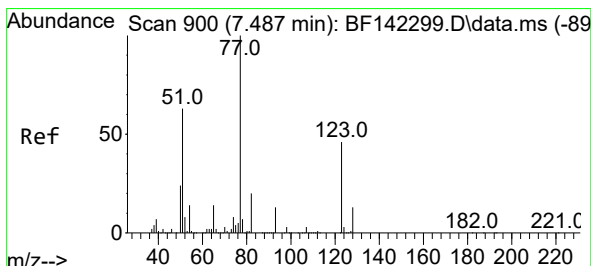
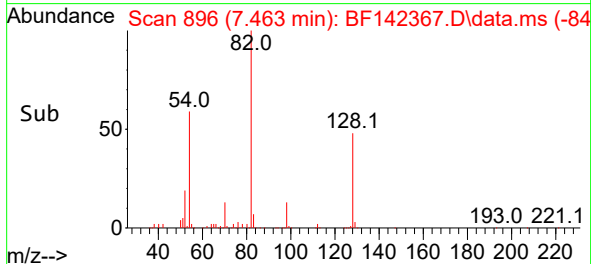
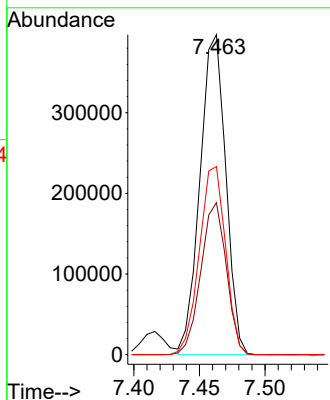
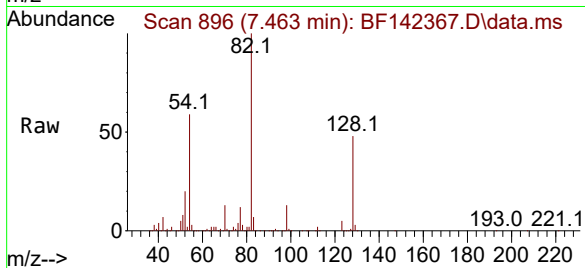
Tgt Ion: 82 Resp: 543317

Ion Ratio Lower Upper

82 100

128 47.5 37.0 55.6

54 58.8 48.6 73.0



#24

Nitrobenzene

Concen: 44.892 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

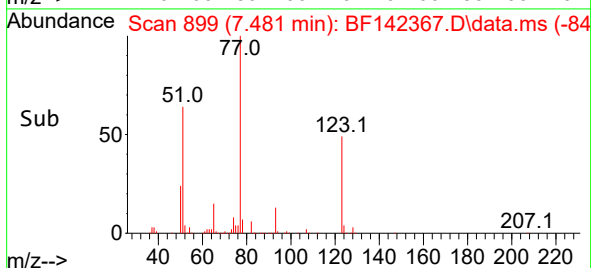
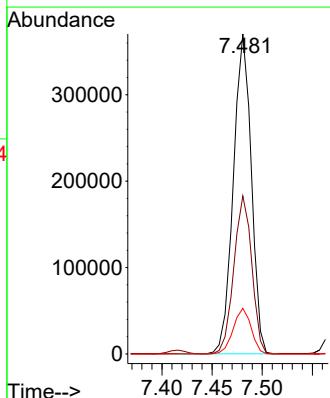
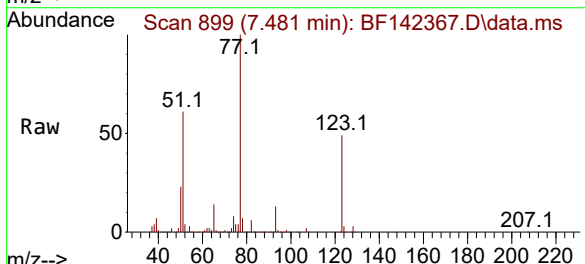
Tgt Ion: 77 Resp: 460221

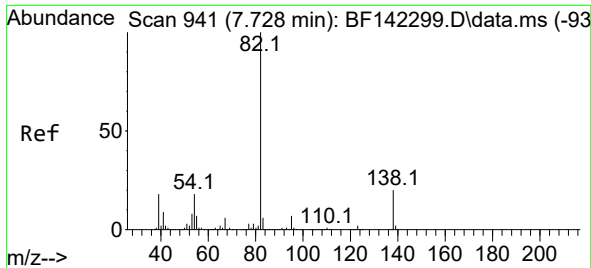
Ion Ratio Lower Upper

77 100

123 49.4 37.8 56.8

65 14.2 11.4 17.0

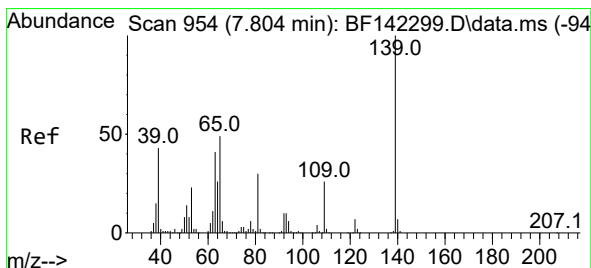
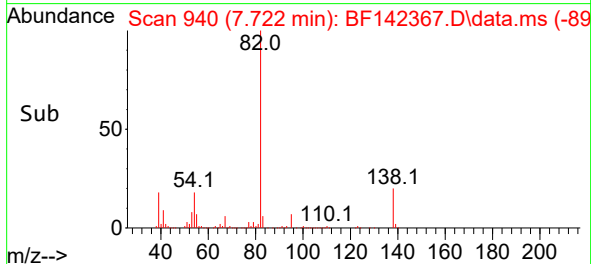
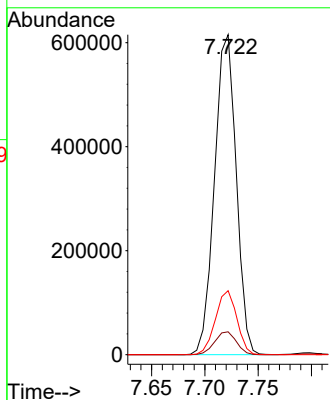
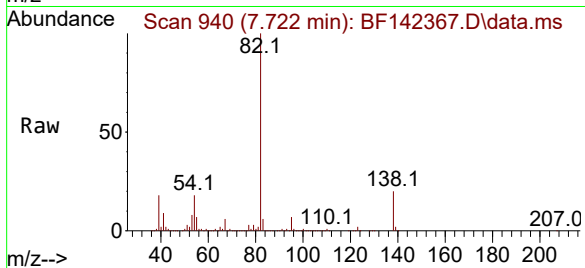




#25
Isophorone
Concen: 42.279 ng
RT: 7.722 min Scan# 941
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

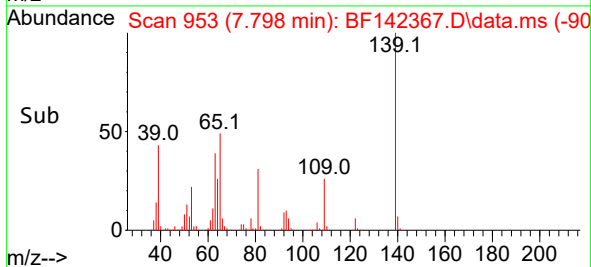
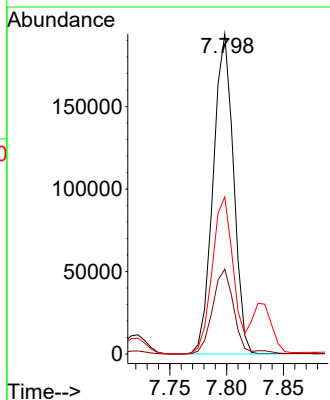
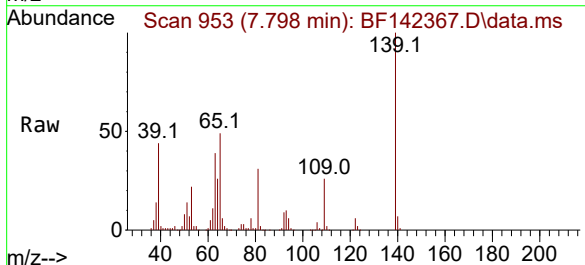
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

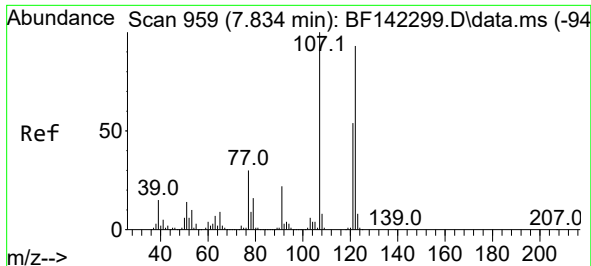
Tgt Ion: 82 Resp: 870718
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 20.0 16.1 24.1



#26
2-Nitrophenol
Concen: 48.876 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:139 Resp: 241919
Ion Ratio Lower Upper
139 100
109 26.5 20.8 31.2
65 49.1 38.9 58.3





#27

2,4-Dimethylphenol

Concen: 43.249 ng

RT: 7.833 min Scan# 91

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

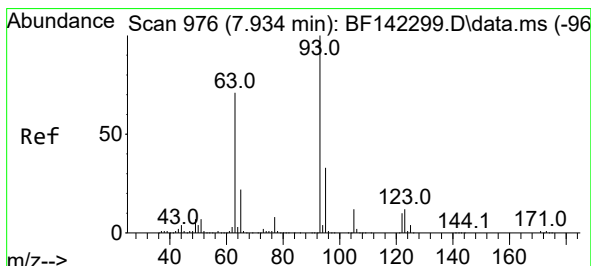
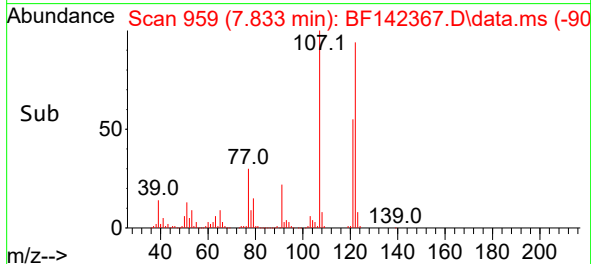
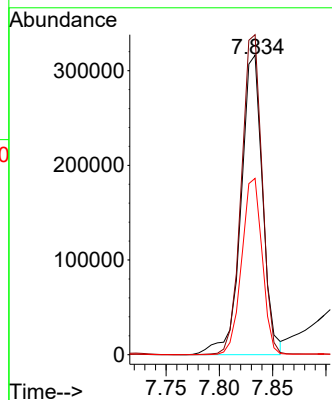
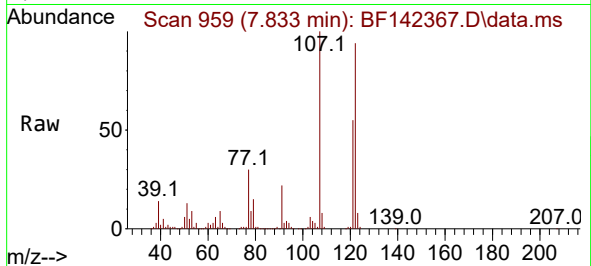
Tgt Ion:122 Resp: 447816

Ion Ratio Lower Upper

122 100

107 106.8 86.0 129.0

121 58.9 46.2 69.4



#28

bis(2-Chloroethoxy)methane

Concen: 41.181 ng

RT: 7.934 min Scan# 976

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

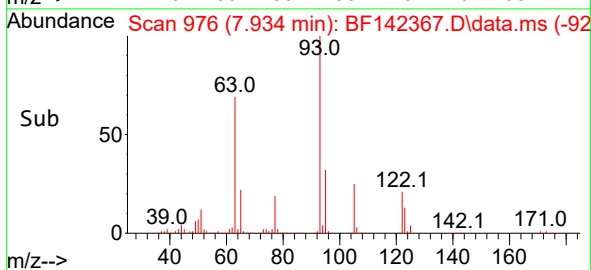
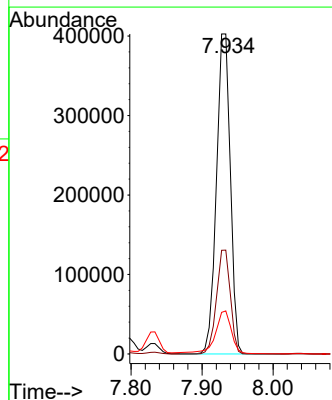
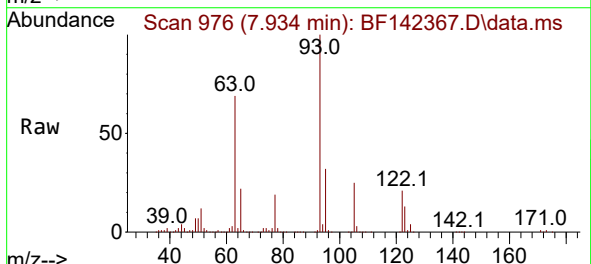
Tgt Ion: 93 Resp: 545344

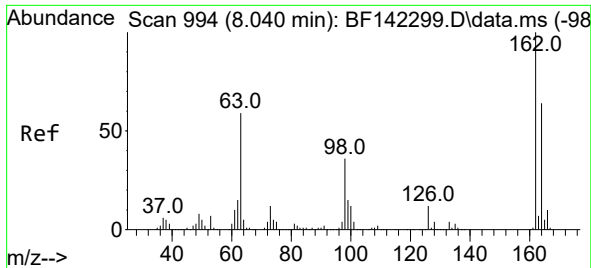
Ion Ratio Lower Upper

93 100

95 32.5 26.1 39.1

123 13.4 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 45.972 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

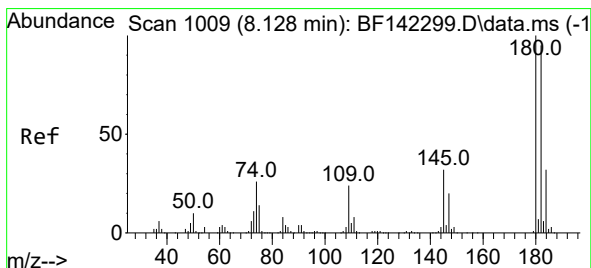
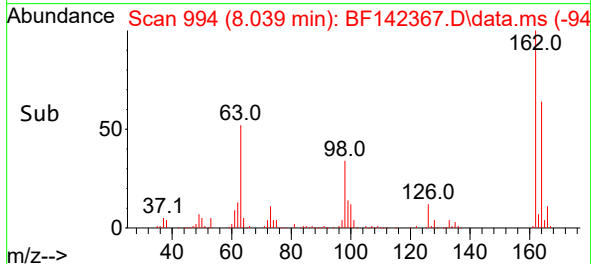
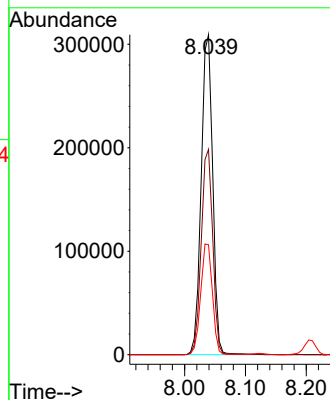
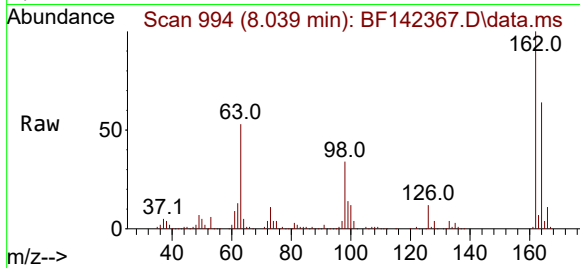
Tgt Ion:162 Resp: 404695

Ion Ratio Lower Upper

162 100

164 64.2 43.6 83.6

98 34.4 16.5 56.5



#30

1,2,4-Trichlorobenzene

Concen: 41.691 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

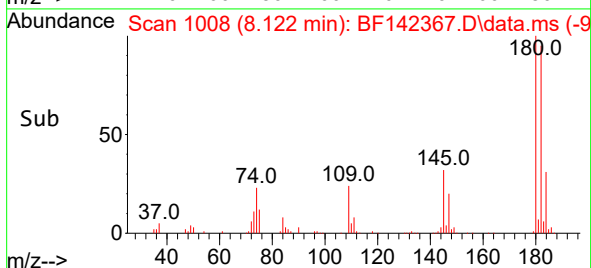
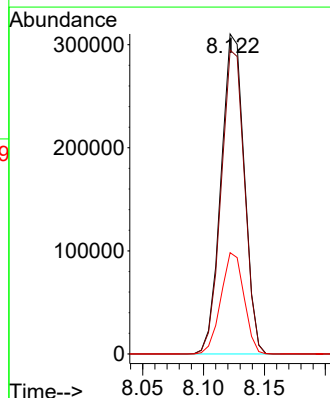
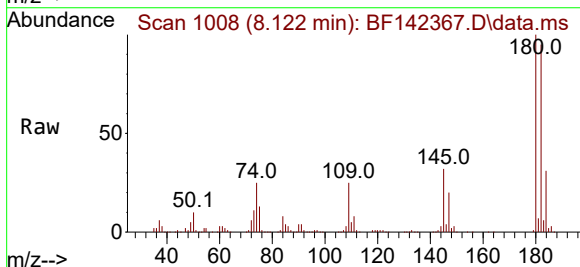
Tgt Ion:180 Resp: 413037

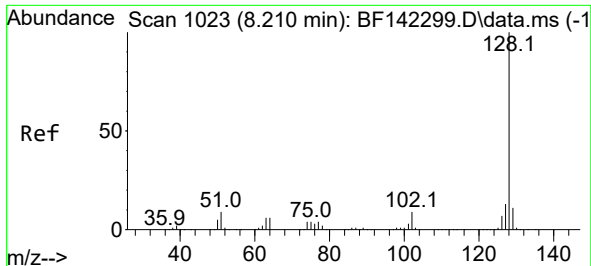
Ion Ratio Lower Upper

180 100

182 94.9 76.2 114.4

145 31.7 25.8 38.6

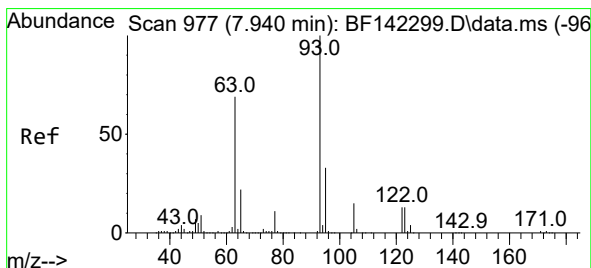
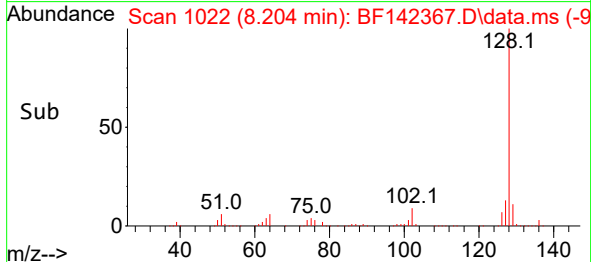
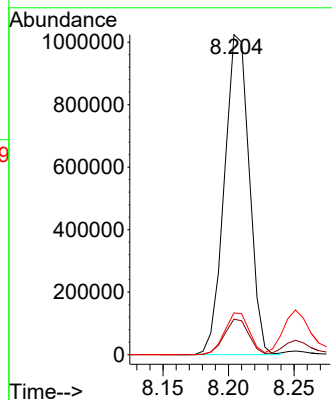
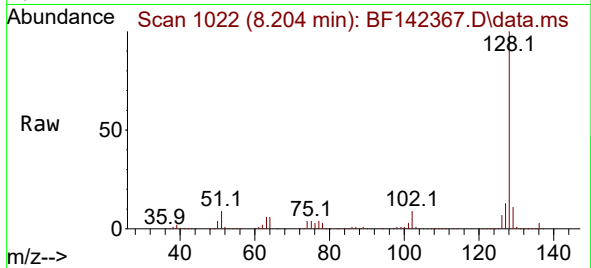




#31
Naphthalene
Concen: 41.952 ng
RT: 8.204 min Scan# 1022
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

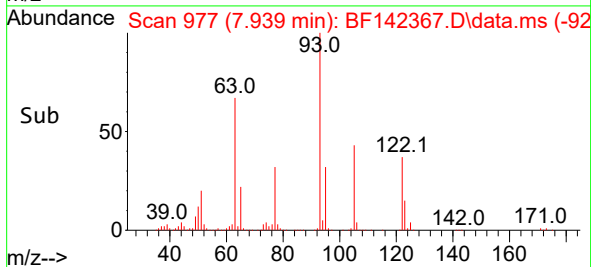
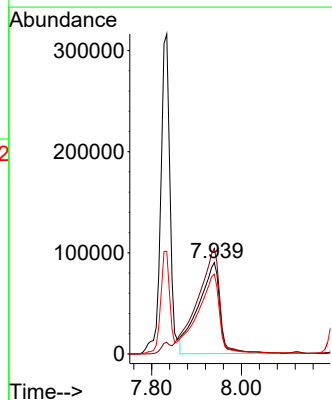
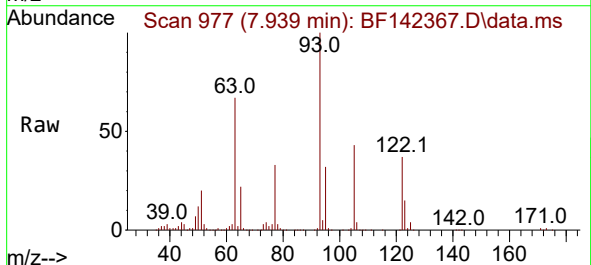
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

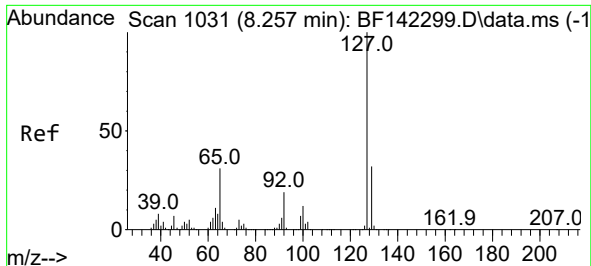
Tgt Ion:128 Resp: 1348598
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 52.709 ng
RT: 7.939 min Scan# 977
Delta R.T. -0.001 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:122 Resp: 301339
Ion Ratio Lower Upper
122 100
105 115.6 97.9 137.9
77 87.3 67.7 107.7



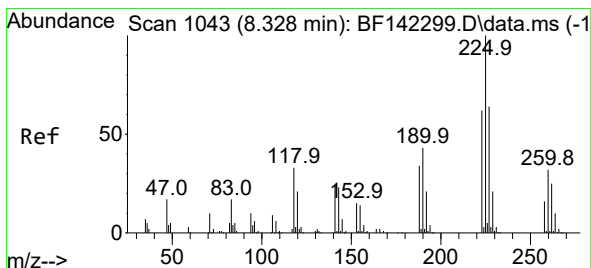
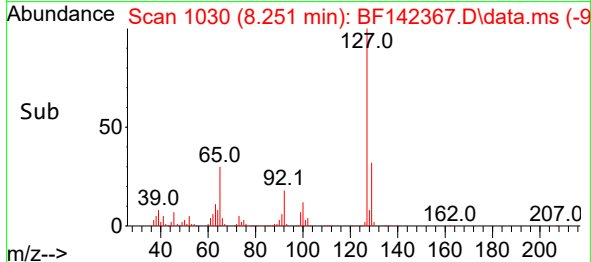
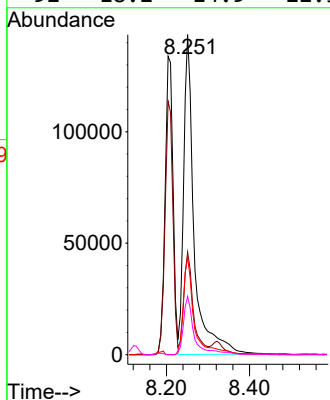
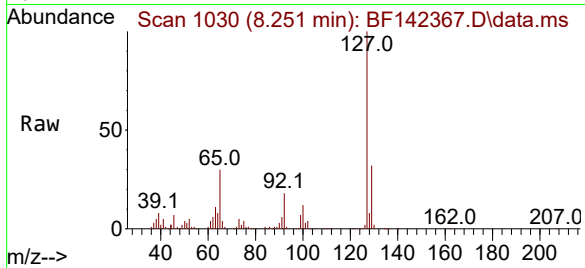


#33
4-Chloroaniline
Concen: 19.394 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.016 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:127 Resp: 254396

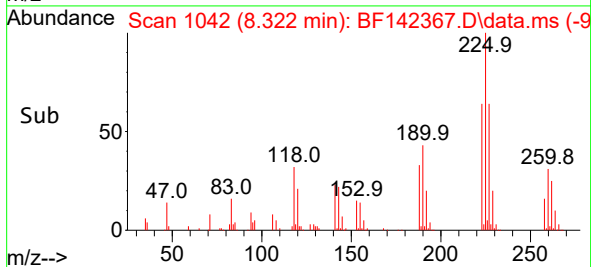
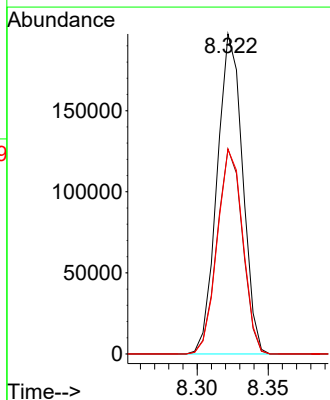
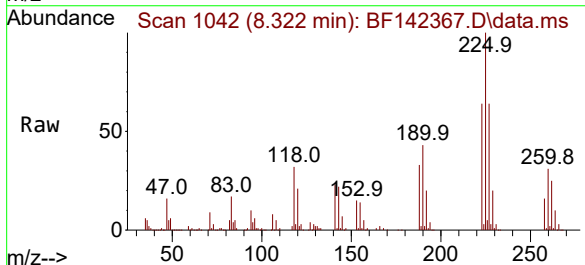
Ion	Ratio	Lower	Upper
127	100		
129	32.1	25.7	38.5
65	30.4	24.9	37.3
92	18.2	14.9	22.3

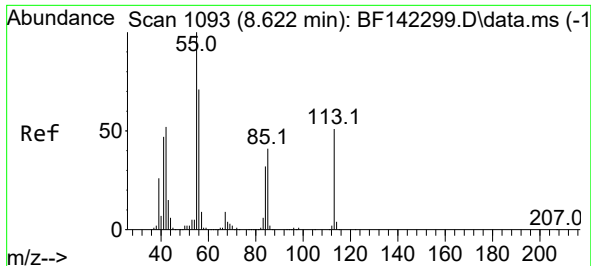


#34
Hexachlorobutadiene
Concen: 41.973 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:225 Resp: 246231

Ion	Ratio	Lower	Upper
225	100		
223	64.1	49.8	74.6
227	63.9	50.9	76.3

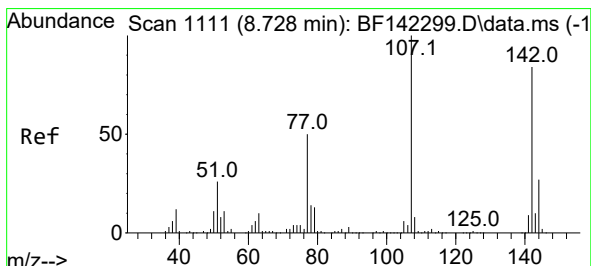
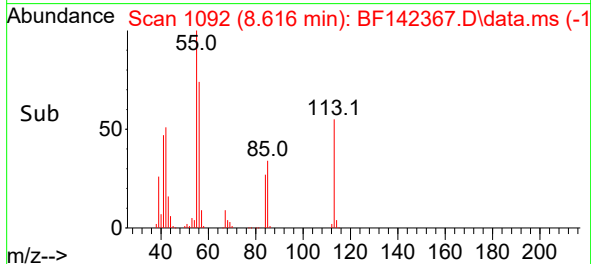
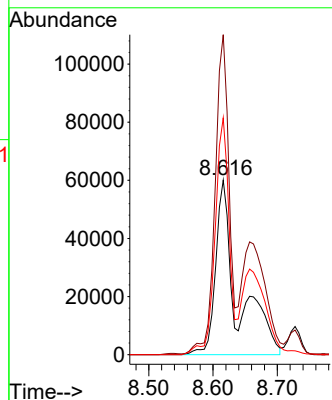
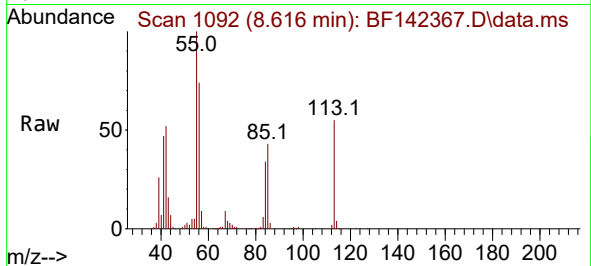




#35
 Caprolactam
 Concen: 54.900 ng m
 RT: 8.616 min Scan# 1092
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

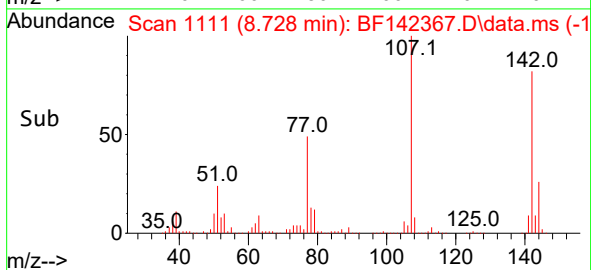
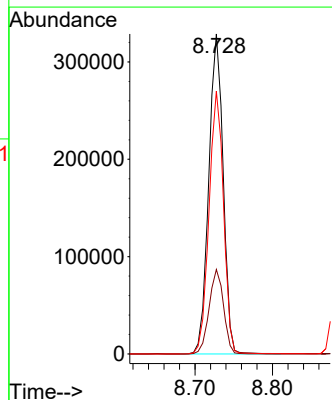
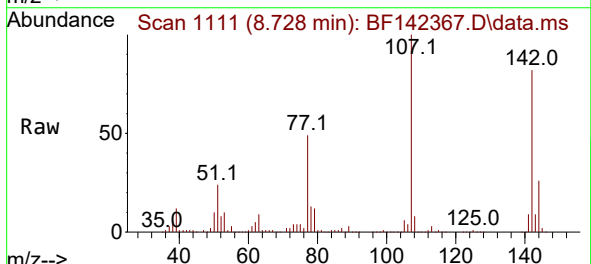
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

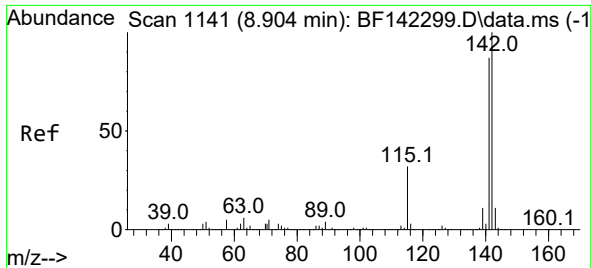
Tgt Ion:113 Resp: 140852
 Ion Ratio Lower Upper
 113 100
 55 183.3 176.4 216.4
 56 135.6 120.3 160.3



#36
 4-Chloro-3-methylphenol
 Concen: 46.409 ng
 RT: 8.728 min Scan# 1111
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion:107 Resp: 424687
 Ion Ratio Lower Upper
 107 100
 144 26.4 21.3 31.9
 142 82.1 66.9 100.3

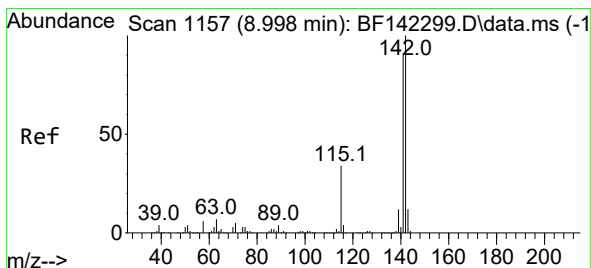
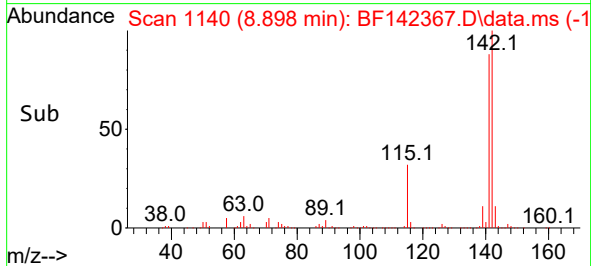
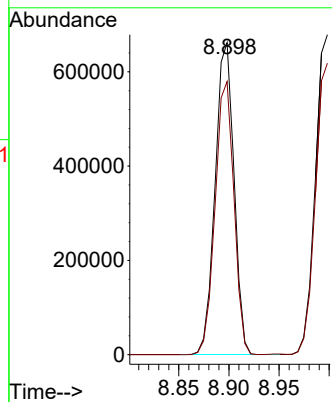
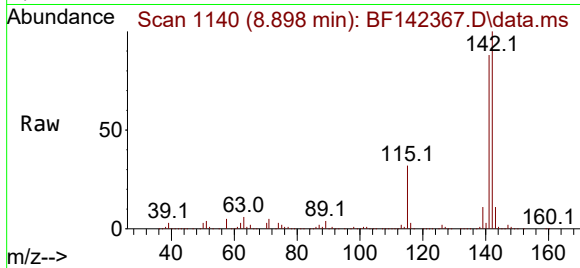




#37
2-Methylnaphthalene
Concen: 43.103 ng
RT: 8.898 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

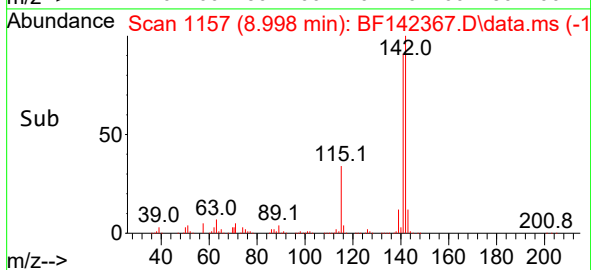
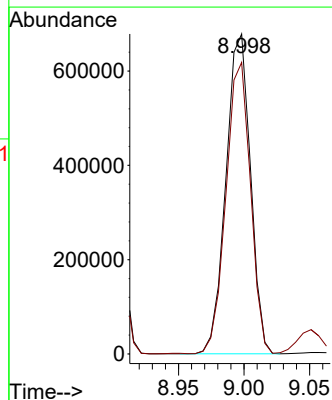
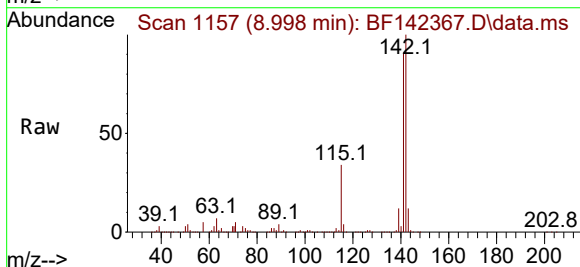
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

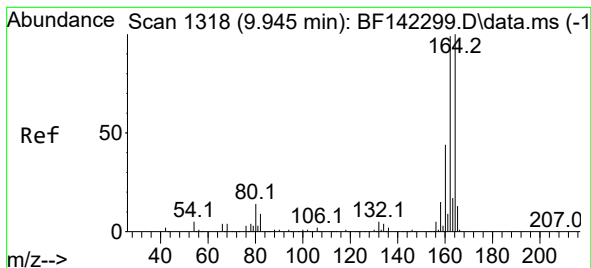
Tgt Ion:142 Resp: 860980
Ion Ratio Lower Upper
142 100
141 87.5 69.4 104.2



#38
1-Methylnaphthalene
Concen: 42.391 ng
RT: 8.998 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:142 Resp: 882557
Ion Ratio Lower Upper
142 100
141 91.1 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: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

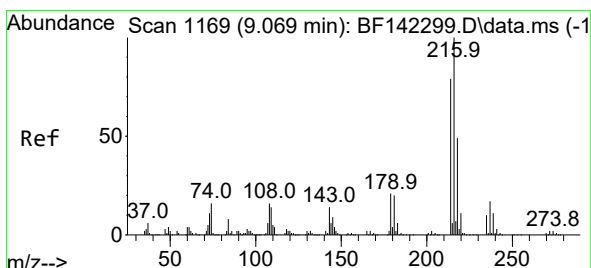
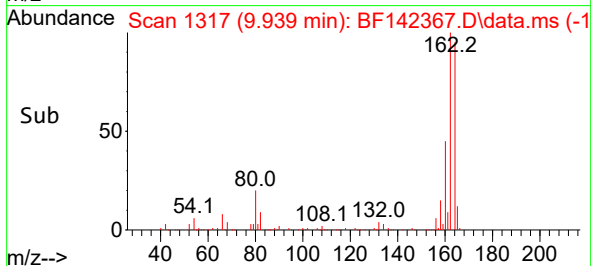
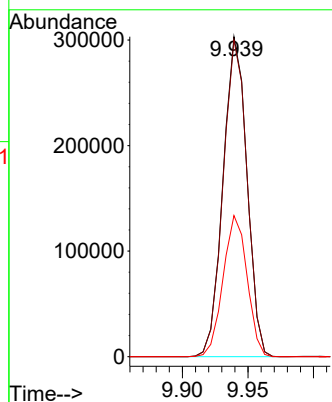
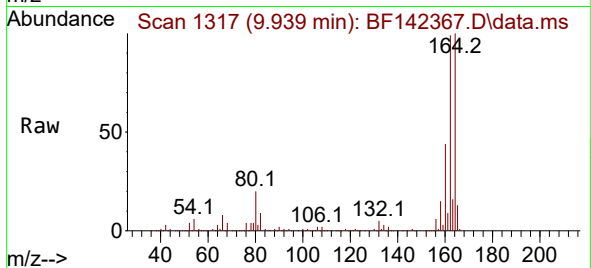
Tgt Ion:164 Resp: 383694

Ion Ratio Lower Upper

164 100

162 98.9 79.2 118.8

160 44.1 35.3 52.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.280 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Tgt Ion:216 Resp: 420929

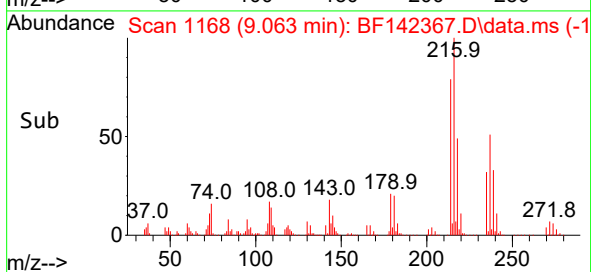
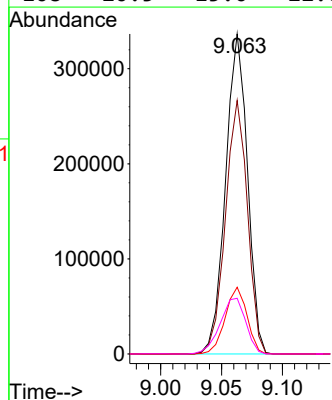
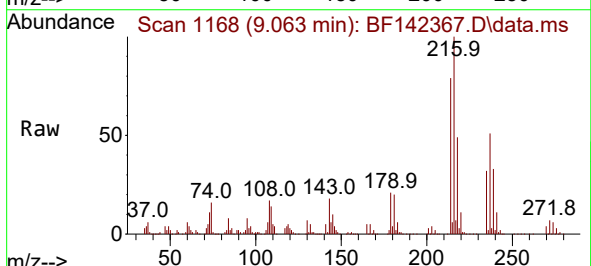
Ion Ratio Lower Upper

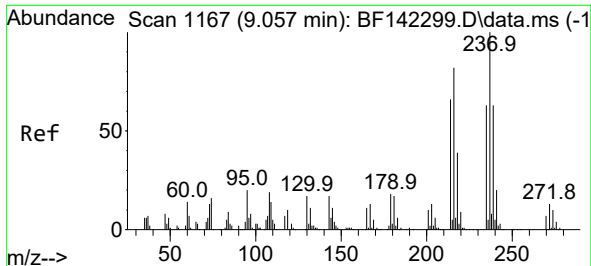
216 100

214 79.5 63.8 95.6

179 20.8 17.0 25.6

108 20.5 15.0 22.6

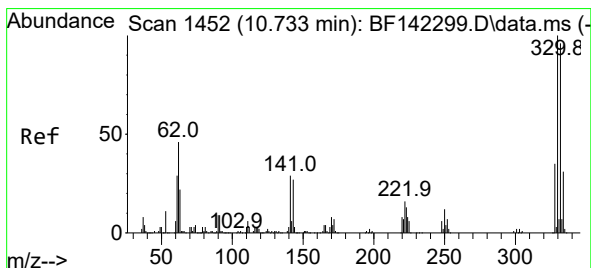
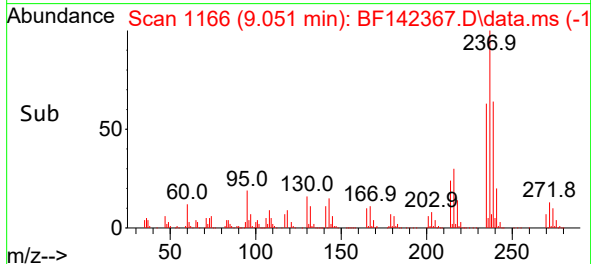
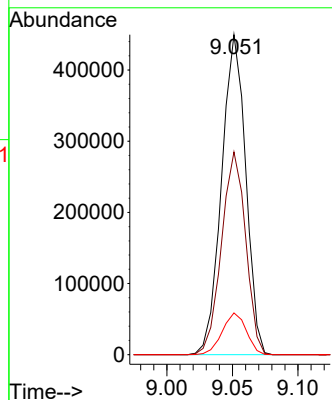
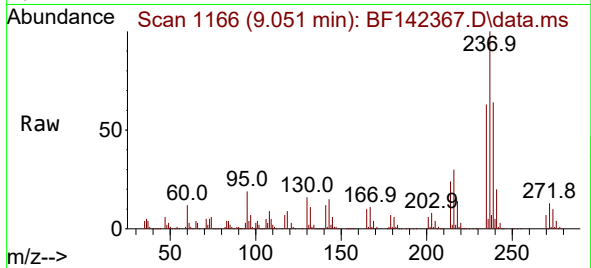




#41
Hexachlorocyclopentadiene
Concen: 86.900 ng
RT: 9.051 min Scan# 1166
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

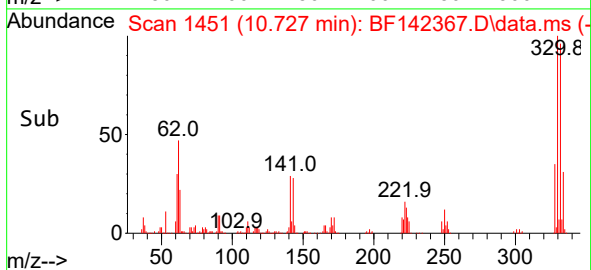
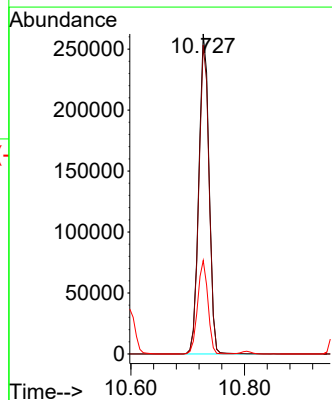
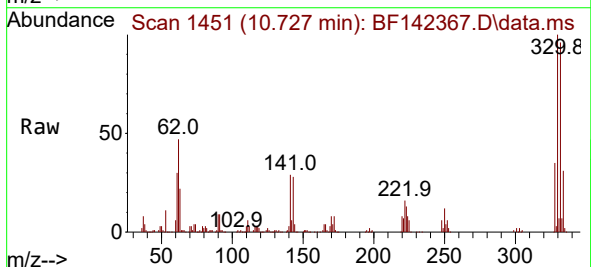
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

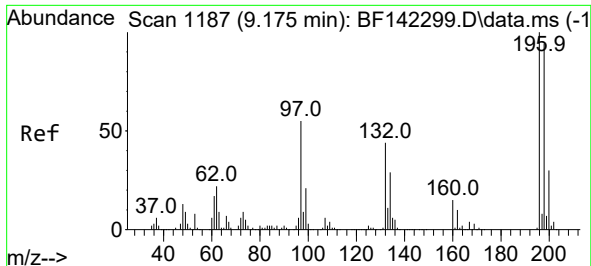
Tgt Ion:237 Resp: 575524
Ion Ratio Lower Upper
237 100
235 63.4 42.8 82.8
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 89.076 ng
RT: 10.727 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

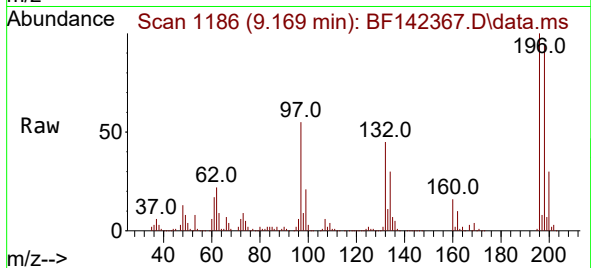
Tgt Ion:330 Resp: 329981
Ion Ratio Lower Upper
330 100
332 96.5 76.8 115.2
141 29.2 24.9 37.3



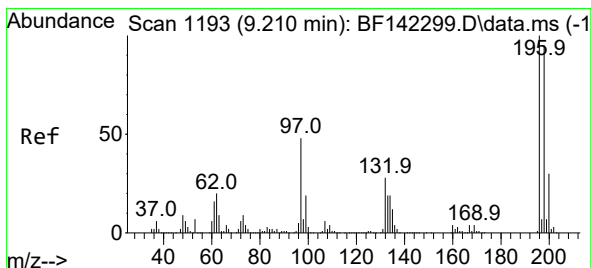
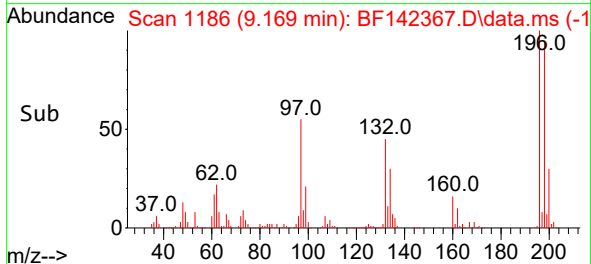
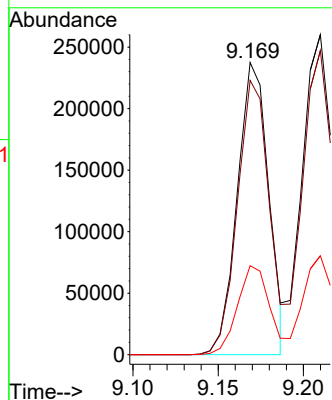


#43
 2,4,6-Trichlorophenol
 Concen: 44.977 ng
 RT: 9.169 min Scan# 1186
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

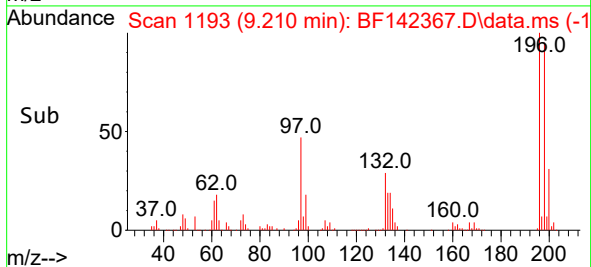
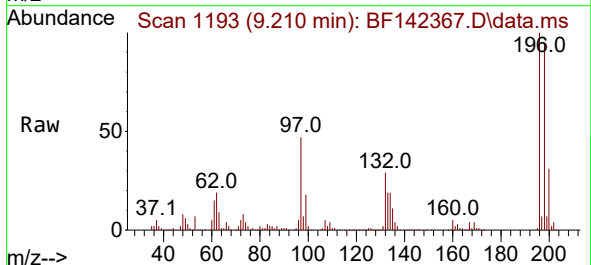
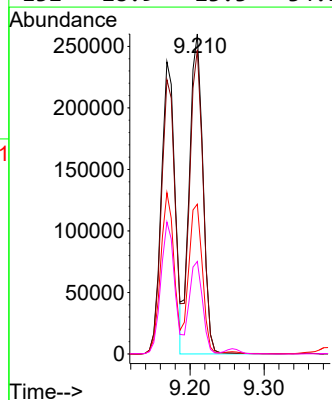


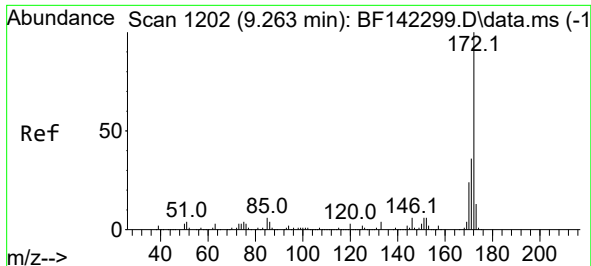
Tgt Ion:196 Resp: 304019
 Ion Ratio Lower Upper
 196 100
 198 93.9 75.4 113.0
 200 30.4 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 45.813 ng
 RT: 9.210 min Scan# 1193
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion:196 Resp: 329488
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.1 114.1
 97 46.8 39.0 58.4
 132 28.9 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 45.462 ng

RT: 9.257 min Scan# 1201

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

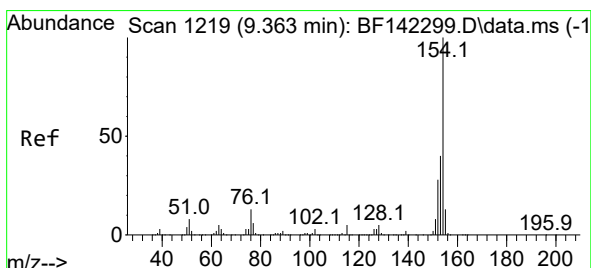
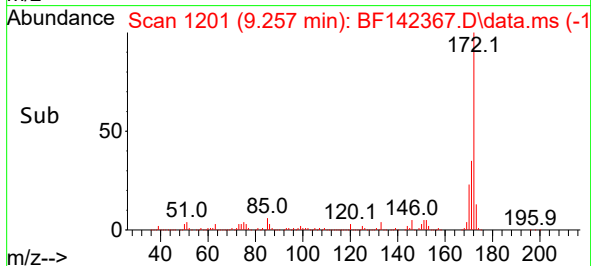
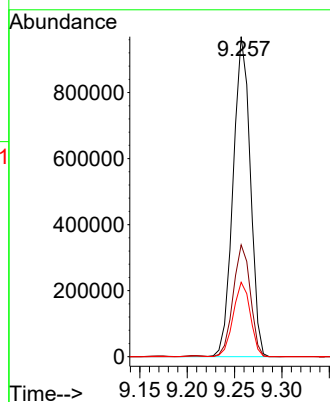
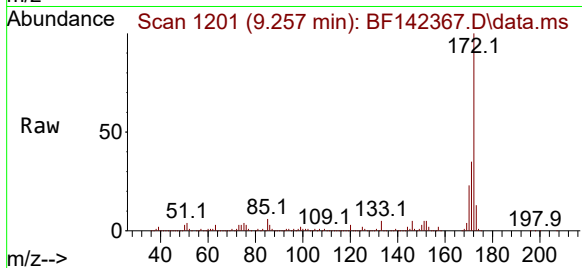
Tgt Ion:172 Resp: 1223365

Ion Ratio Lower Upper

172 100

171 35.0 28.6 42.8

170 23.2 19.0 28.4



#46

1,1'-Biphenyl

Concen: 40.076 ng

RT: 9.363 min Scan# 1219

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

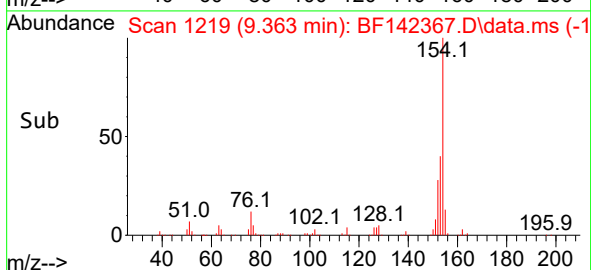
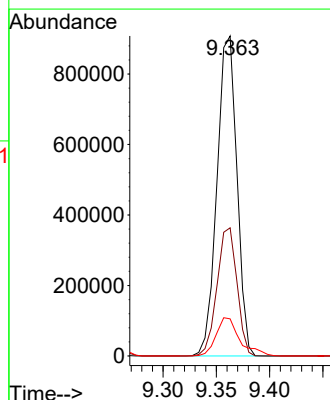
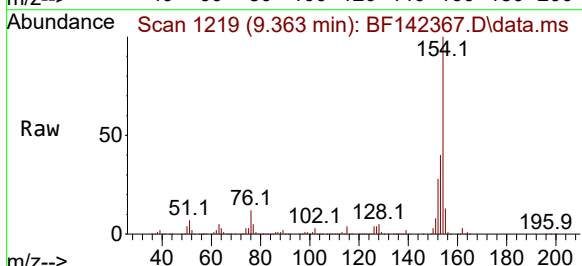
Tgt Ion:154 Resp: 1179021

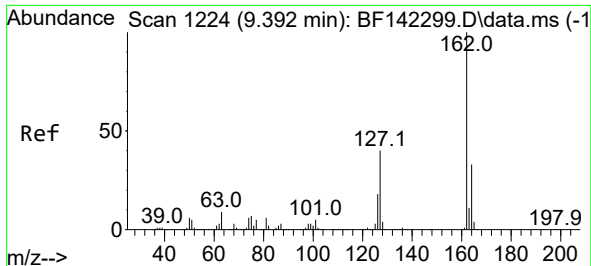
Ion Ratio Lower Upper

154 100

153 40.1 20.5 60.5

76 11.6 0.0 32.8





#47

2-Chloronaphthalene

Concen: 40.075 ng

RT: 9.386 min Scan# 1223

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

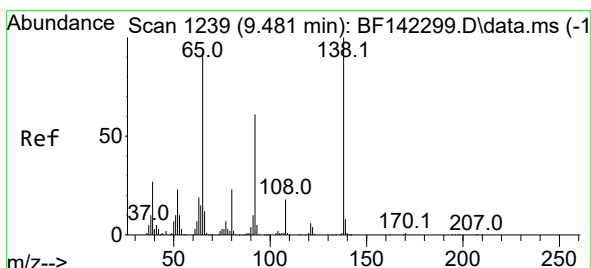
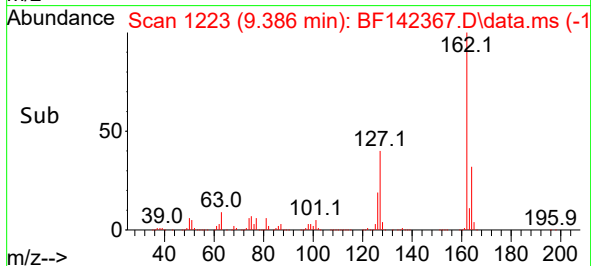
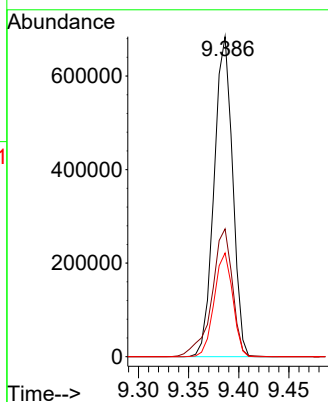
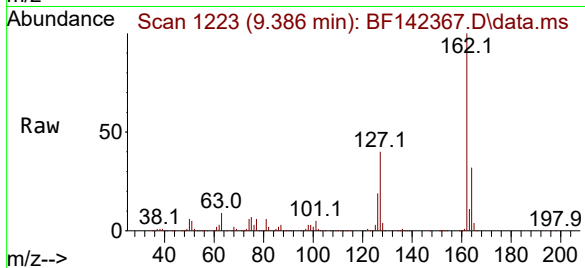
Tgt Ion:162 Resp: 876771

Ion Ratio Lower Upper

162 100

127 40.0 32.3 48.5

164 32.4 26.6 40.0



#48

2-Nitroaniline

Concen: 49.701 ng

RT: 9.480 min Scan# 1239

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

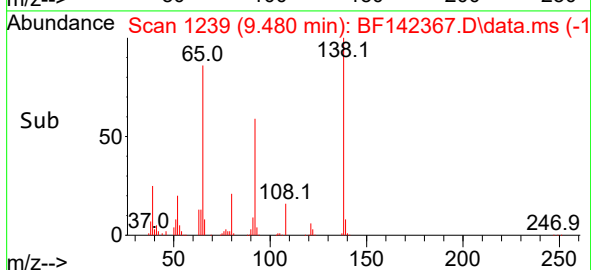
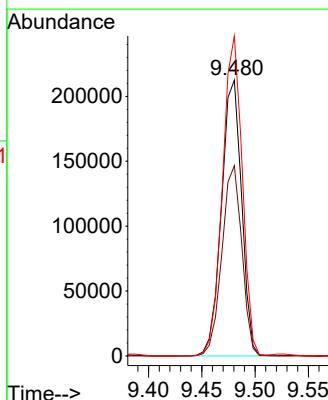
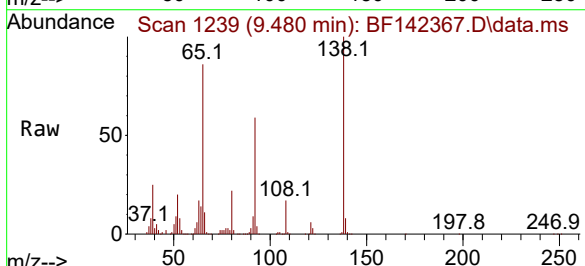
Tgt Ion: 65 Resp: 278721

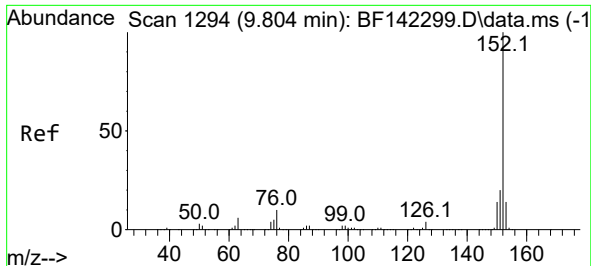
Ion Ratio Lower Upper

65 100

92 69.0 52.3 78.5

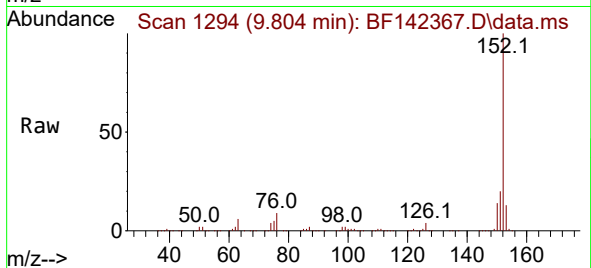
138 116.0 85.6 128.4



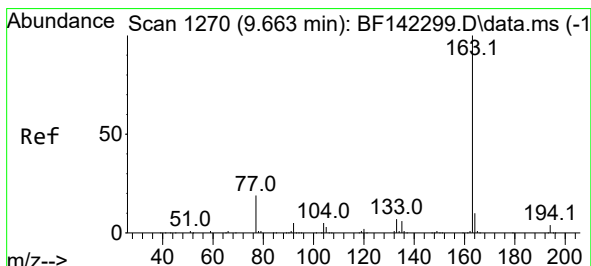
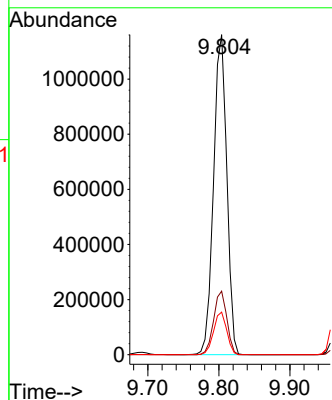
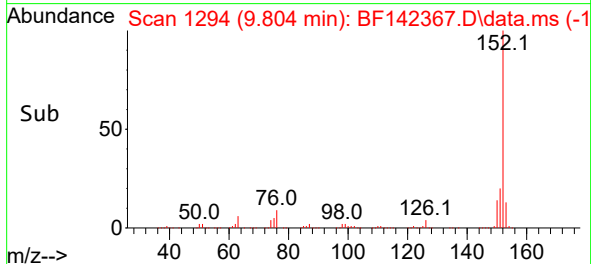


#49
Acenaphthylene
Concen: 41.083 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

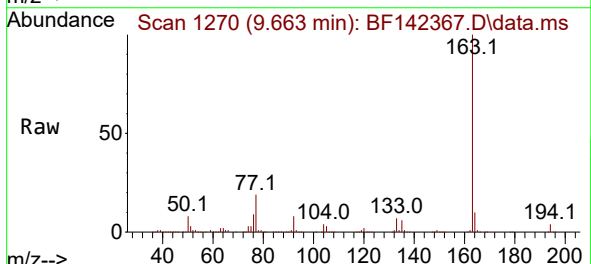
Instrument :
BNA_F
ClientSampleId :
TP-3MSD



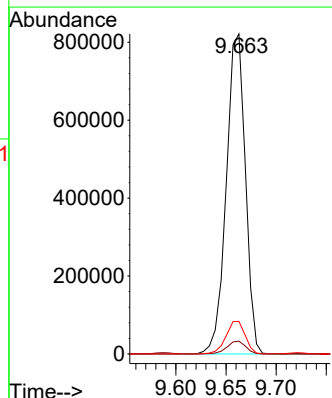
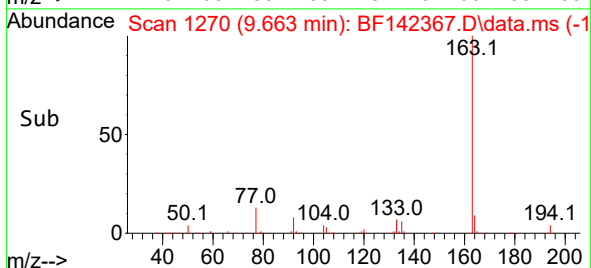
Tgt Ion:152 Resp: 1503613
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.3 10.8 16.2

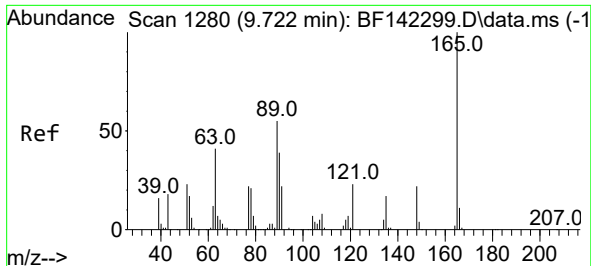


#50
Dimethylphthalate
Concen: 44.156 ng
RT: 9.663 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48



Tgt Ion:163 Resp: 1087910
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.2 8.3 12.5

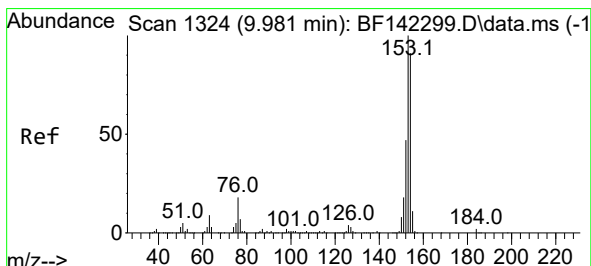
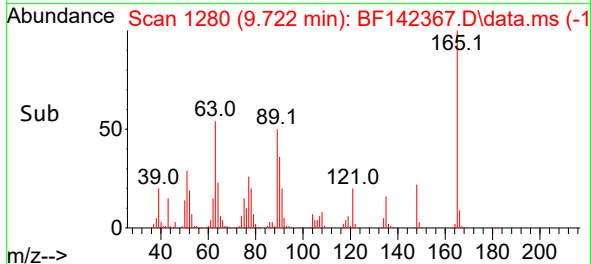
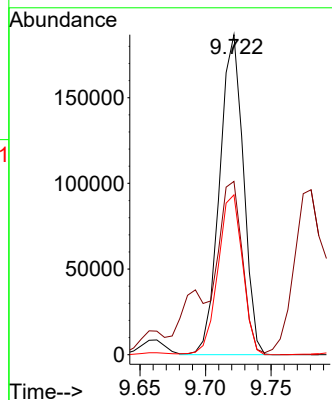
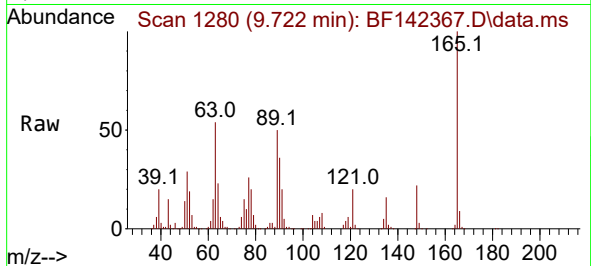




#51
2,6-Dinitrotoluene
Concen: 51.140 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

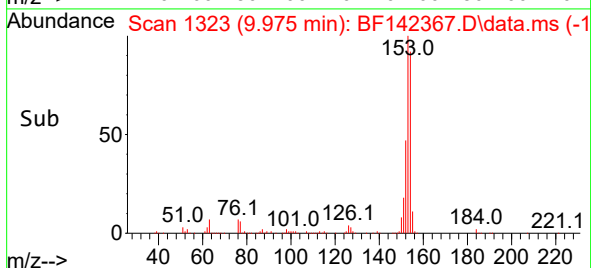
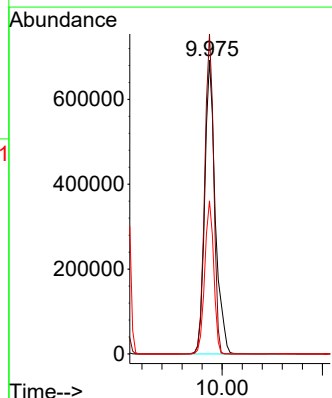
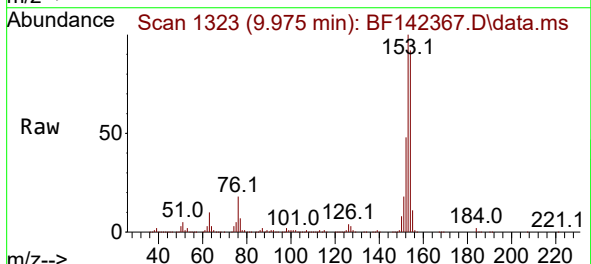
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

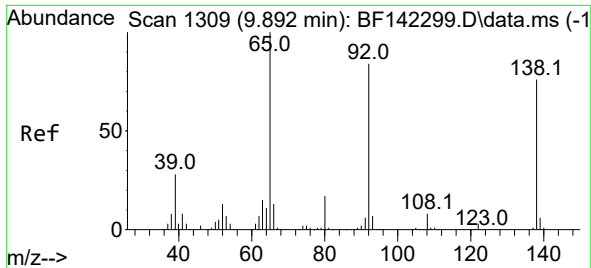
Tgt Ion:165 Resp: 235845
Ion Ratio Lower Upper
165 100
63 54.2 49.5 74.3
89 49.9 44.6 66.8



#52
Acenaphthene
Concen: 46.144 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:154 Resp: 1015493
Ion Ratio Lower Upper
154 100
153 109.1 88.0 132.0
152 52.2 41.6 62.4

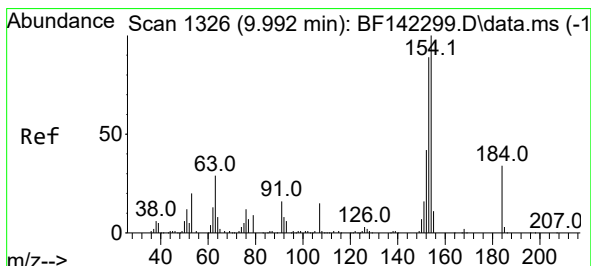
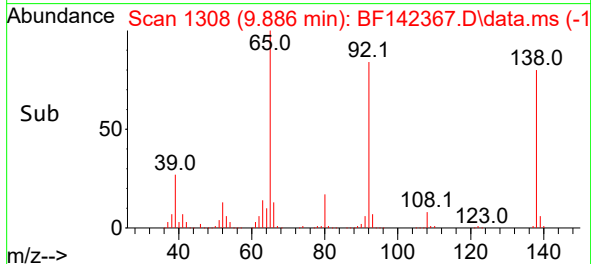
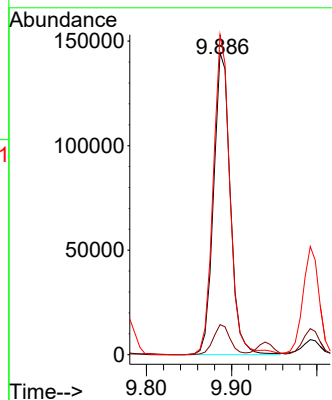
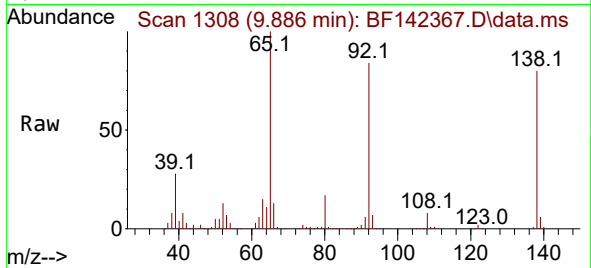




#53
3-Nitroaniline
Concen: 36.538 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

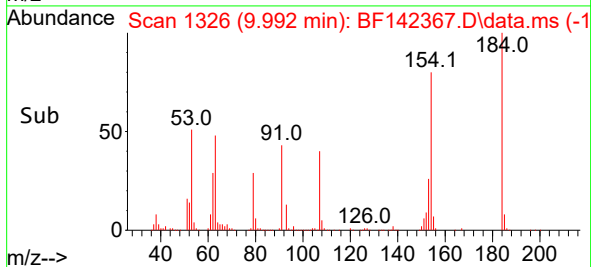
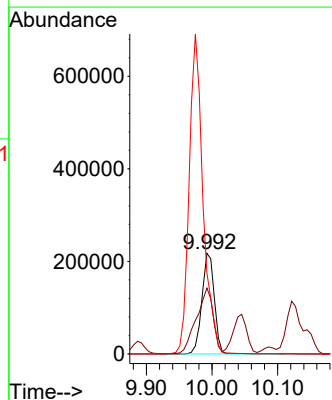
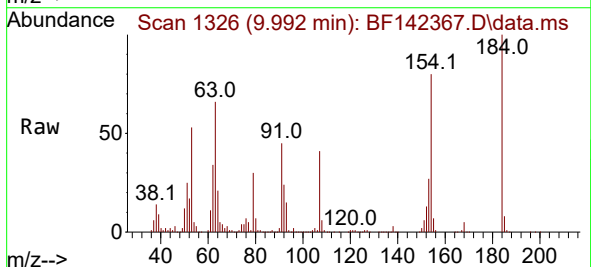
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

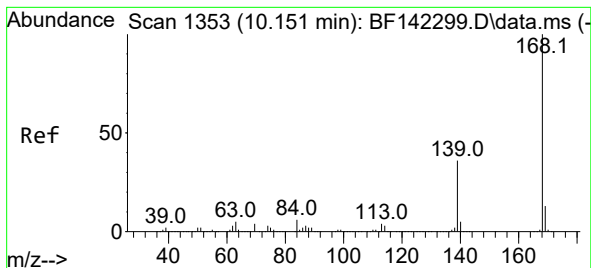
Tgt Ion:138 Resp: 197625
Ion Ratio Lower Upper
138 100
108 10.0 8.7 13.1
92 106.0 89.5 134.3



#54
2,4-Dinitrophenol
Concen: 115.398 ng
RT: 9.992 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:184 Resp: 287471
Ion Ratio Lower Upper
184 100
63 65.6 70.6 105.8#
154 80.2 257.2 385.8#





#55

Dibenzofuran

Concen: 41.222 ng

RT: 10.145 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

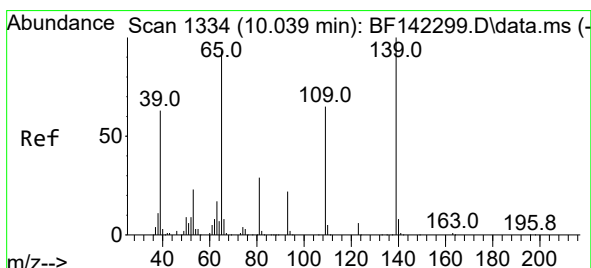
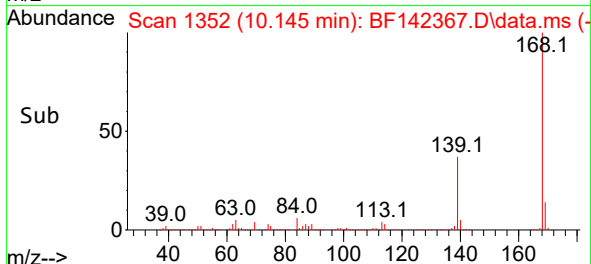
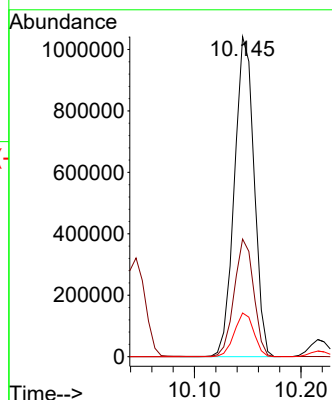
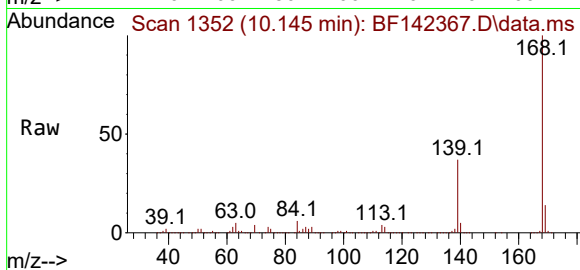
Tgt Ion:168 Resp: 1338806

Ion Ratio Lower Upper

168 100

139 36.7 29.0 43.4

169 13.6 10.7 16.1



#56

4-Nitrophenol

Concen: 112.478 ng

RT: 10.045 min Scan# 1335

Delta R.T. 0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

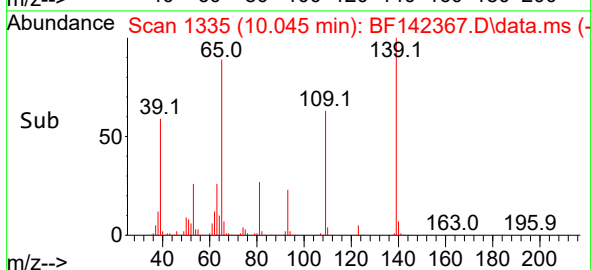
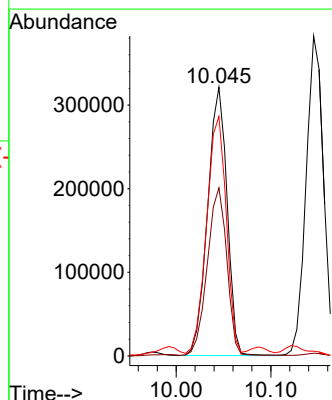
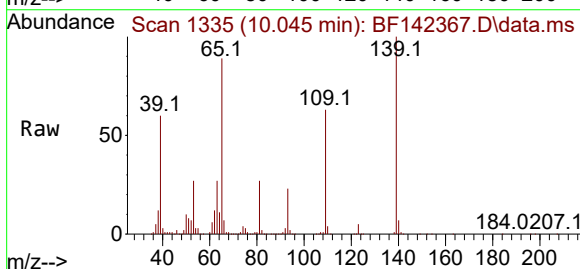
Tgt Ion:139 Resp: 457871

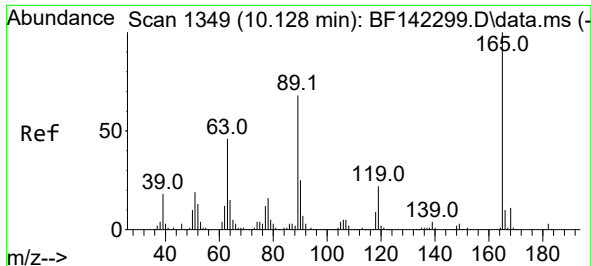
Ion Ratio Lower Upper

139 100

109 62.6 45.3 85.3

65 89.2 73.9 113.9

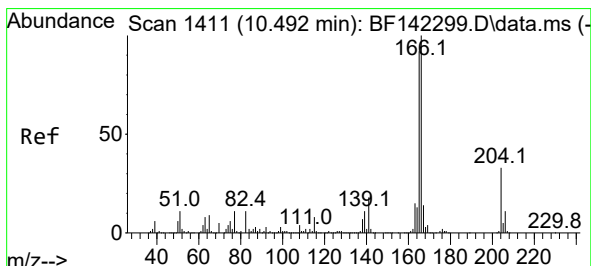
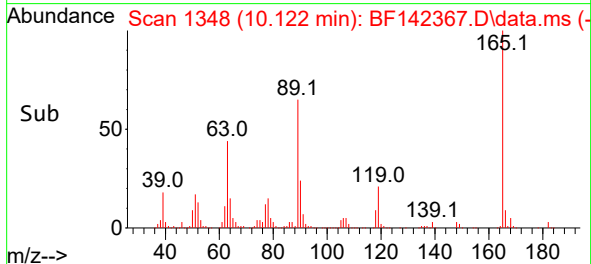
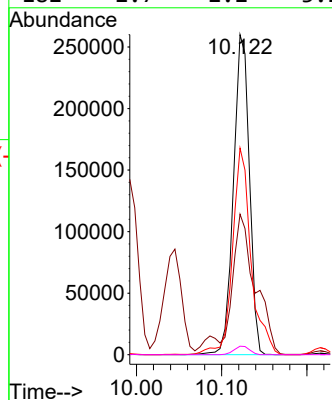
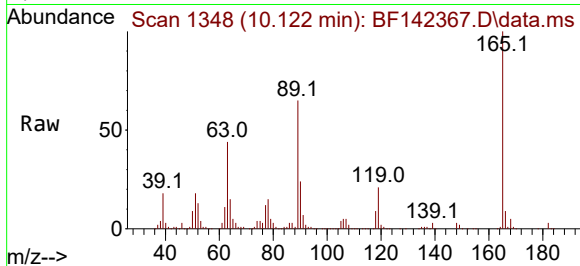




#57
2,4-Dinitrotoluene
Concen: 56.961 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

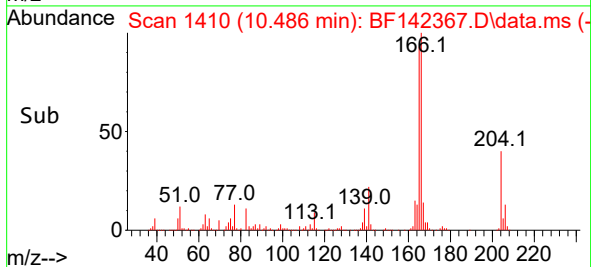
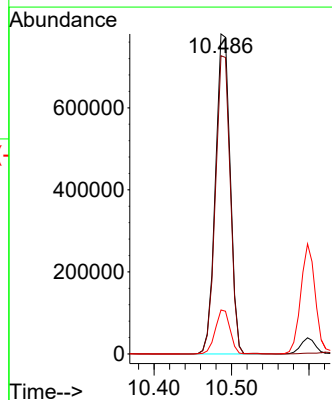
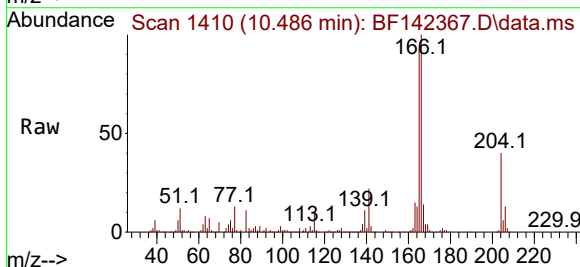
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

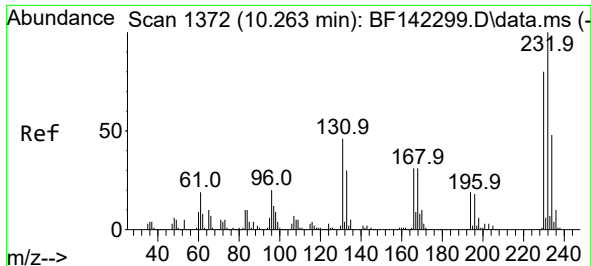
Tgt Ion:165 Resp: 336965
Ion Ratio Lower Upper
165 100
63 43.9 37.1 55.7
89 64.5 54.4 81.6
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.525 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:166 Resp: 1029226
Ion Ratio Lower Upper
166 100
165 93.2 74.0 111.0
167 13.8 10.9 16.3



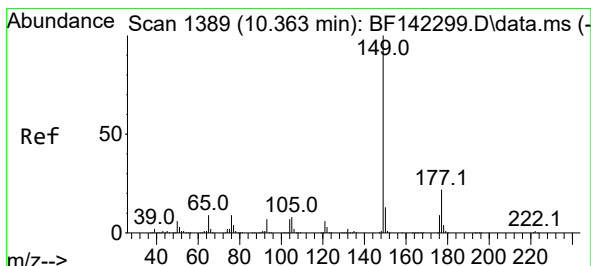
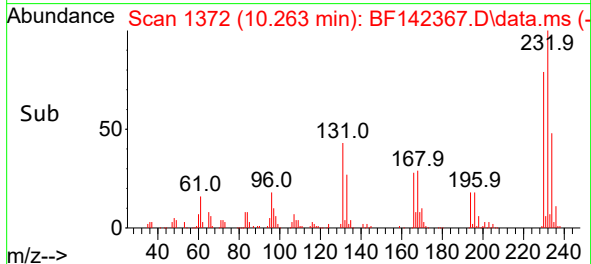
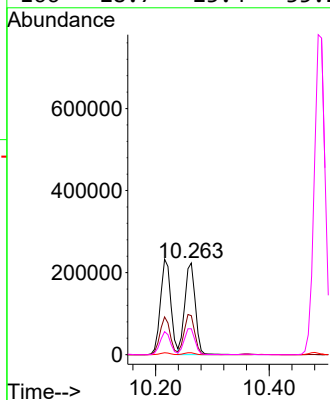
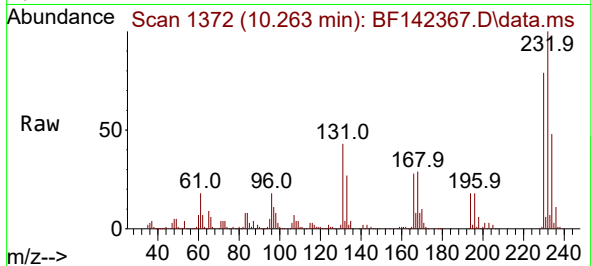


#59
2,3,4,6-Tetrachlorophenol
Concen: 48.088 ng
RT: 10.263 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:232 Resp: 285508

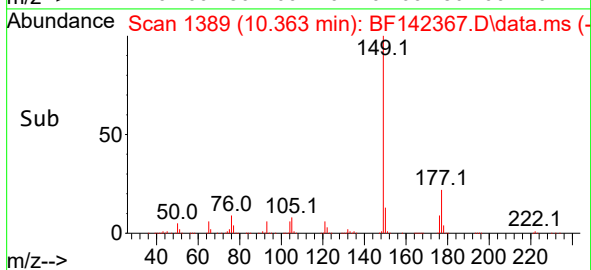
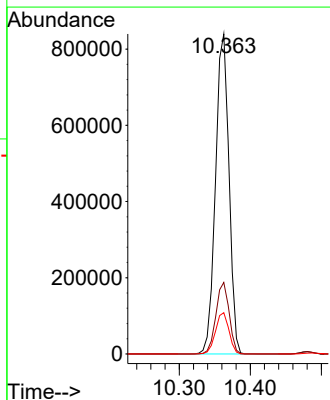
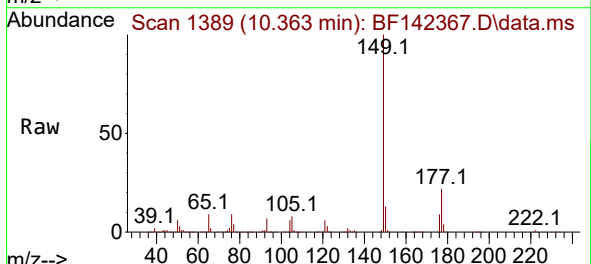
Ion	Ratio	Lower	Upper
232	100		
131	43.7	36.0	54.0
130	2.1	1.8	2.6
166	28.7	23.4	35.2

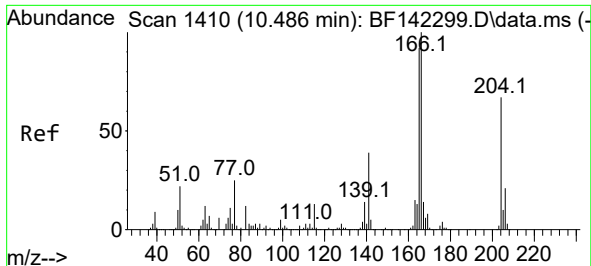


#60
Diethylphthalate
Concen: 44.698 ng
RT: 10.363 min Scan# 1389
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 1099801

Ion	Ratio	Lower	Upper
149	100		
177	22.4	17.6	26.4
150	12.9	10.1	15.1

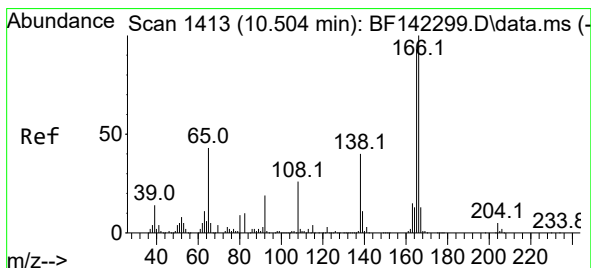
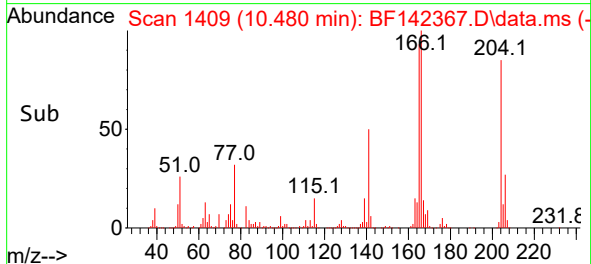
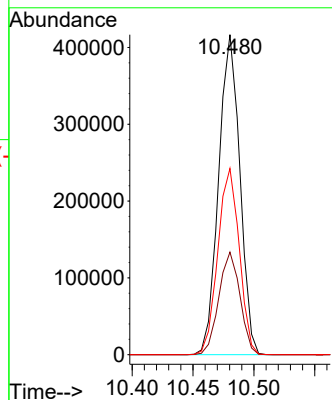
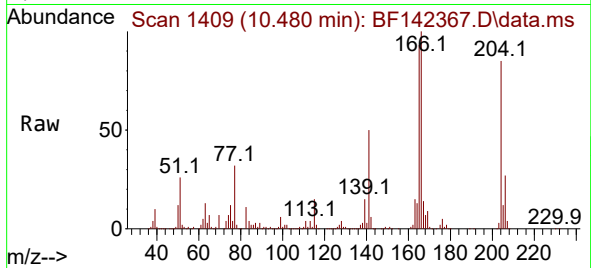




#61
4-Chlorophenyl-phenylether
Concen: 42.242 ng
RT: 10.480 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

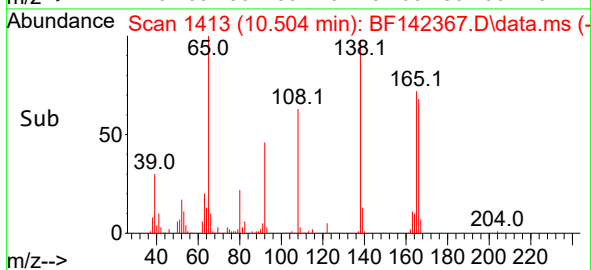
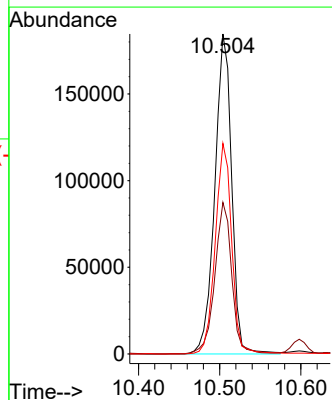
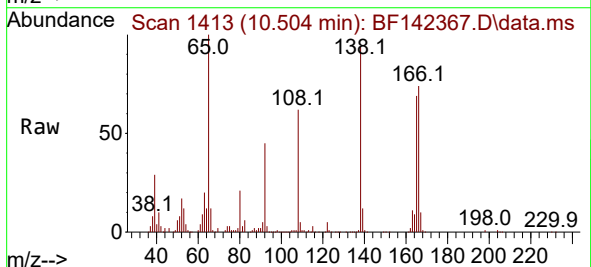
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

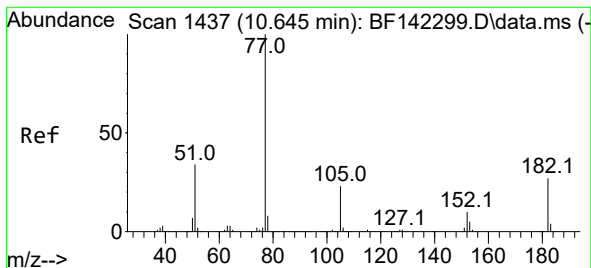
Tgt Ion:204 Resp: 505137
Ion Ratio Lower Upper
204 100
206 32.0 25.5 38.3
141 58.2 46.4 69.6



#62
4-Nitroaniline
Concen: 62.165 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:138 Resp: 266492
Ion Ratio Lower Upper
138 100
92 47.4 27.3 67.3
108 65.8 45.1 85.1





#63

Azobenzene

Concen: 44.557 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

Tgt Ion: 77 Resp: 1047634

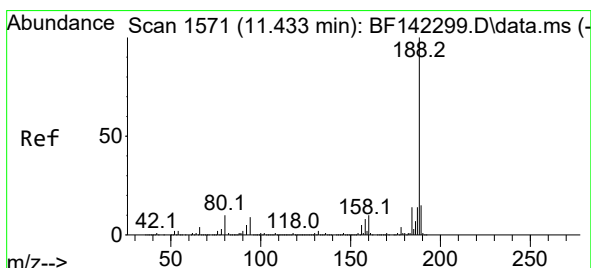
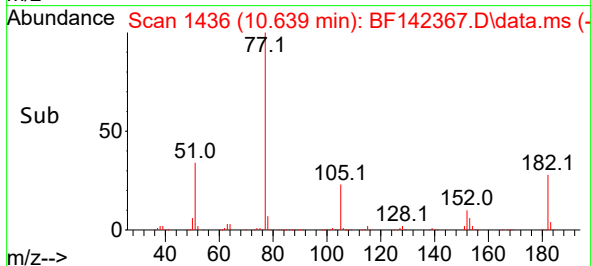
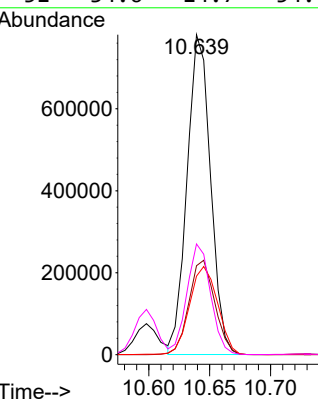
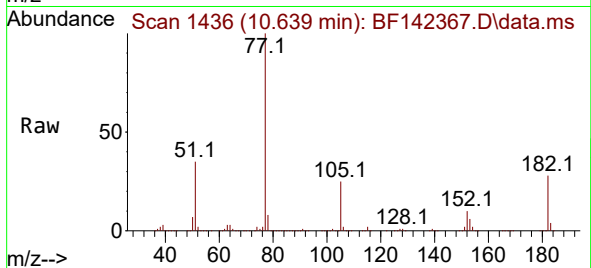
Ion Ratio Lower Upper

77 100

182 27.8 6.9 46.9

105 24.5 2.7 42.7

51 34.6 14.7 54.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

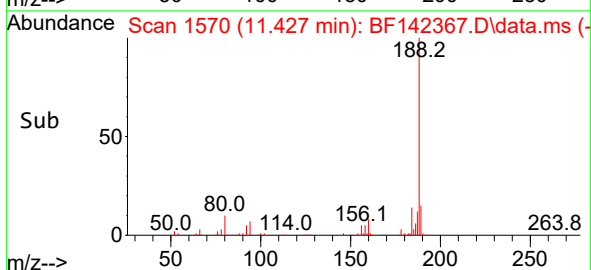
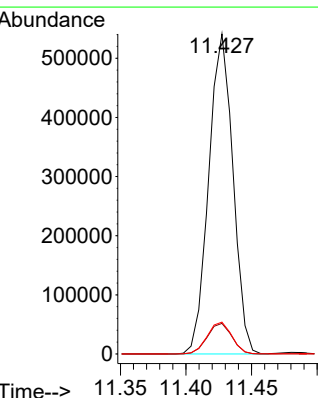
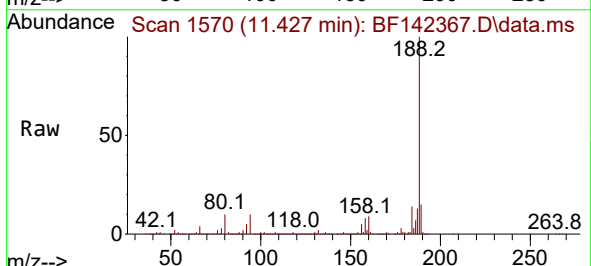
Tgt Ion:188 Resp: 695642

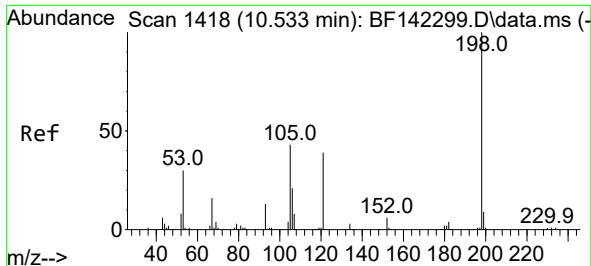
Ion Ratio Lower Upper

188 100

94 9.5 7.5 11.3

80 10.0 7.9 11.9

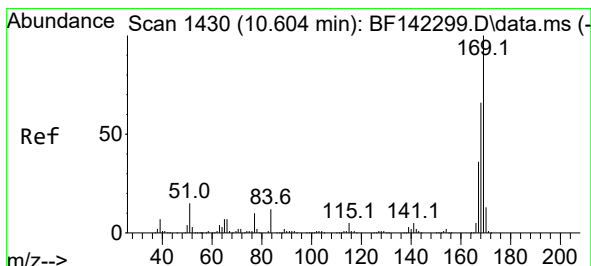
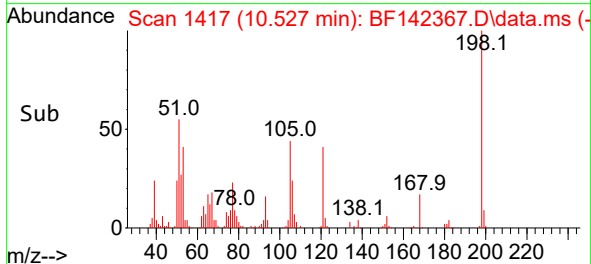
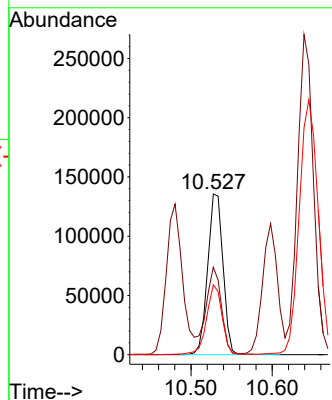
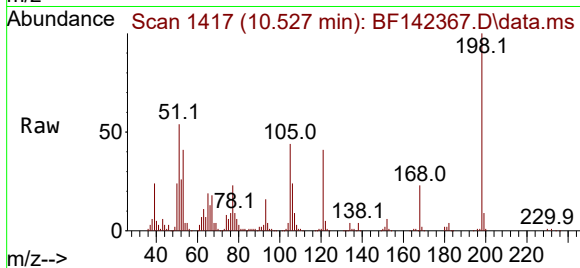




#65
4,6-Dinitro-2-methylphenol
Concen: 53.686 ng
RT: 10.527 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

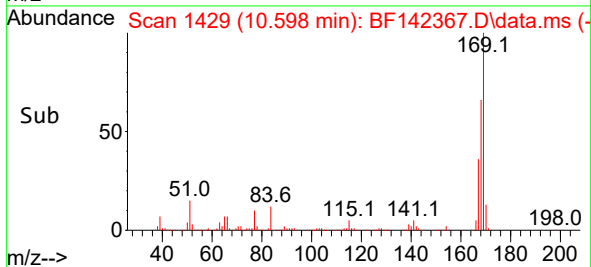
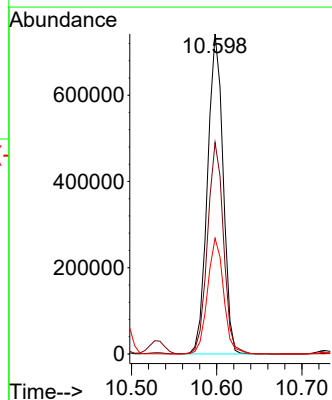
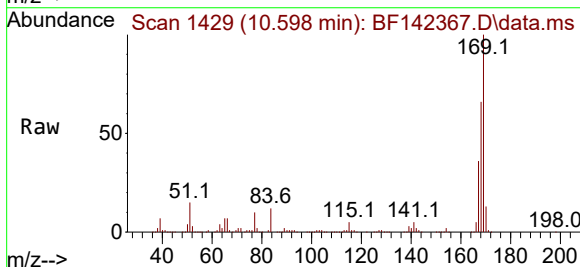
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

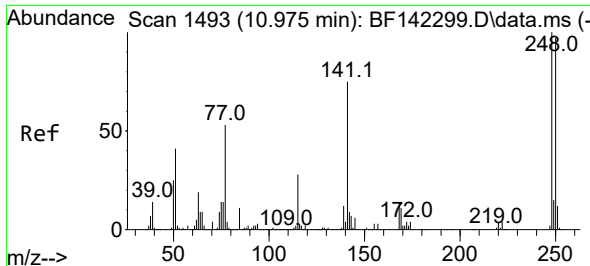
Tgt Ion:198 Resp: 177334
Ion Ratio Lower Upper
198 100
51 54.5 32.9 72.9
105 43.5 23.7 63.7



#66
n-Nitrosodiphenylamine
Concen: 40.738 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:169 Resp: 943012
Ion Ratio Lower Upper
169 100
168 66.1 53.2 79.8
167 36.1 28.9 43.3

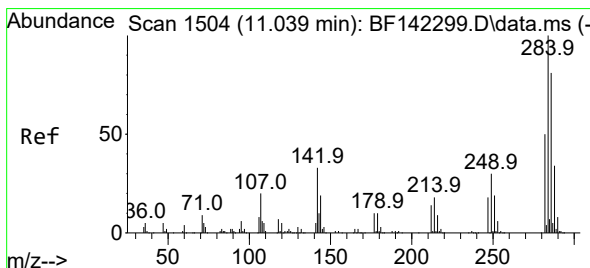
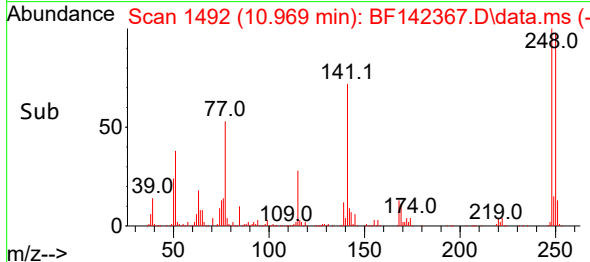
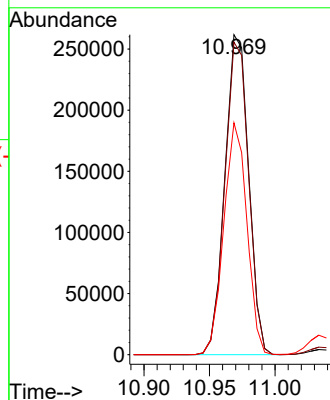
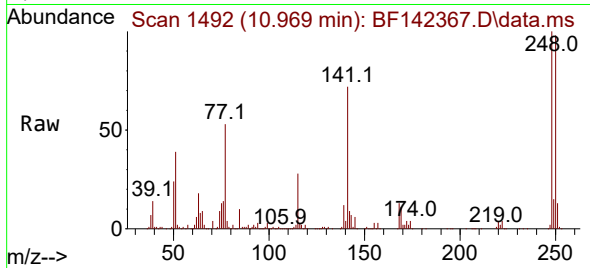




#67
4-Bromophenyl-phenylether
Concen: 41.999 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

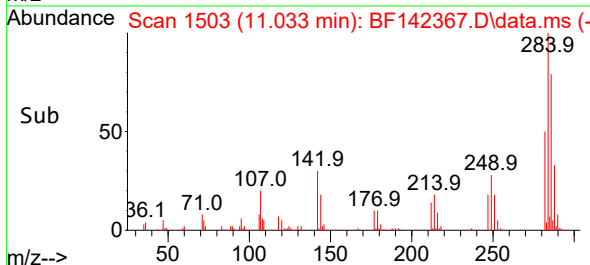
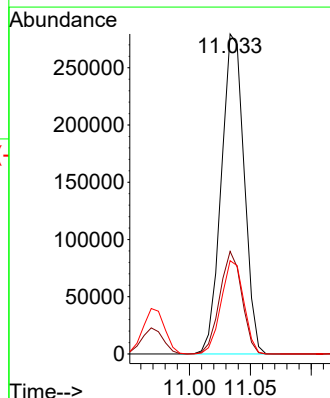
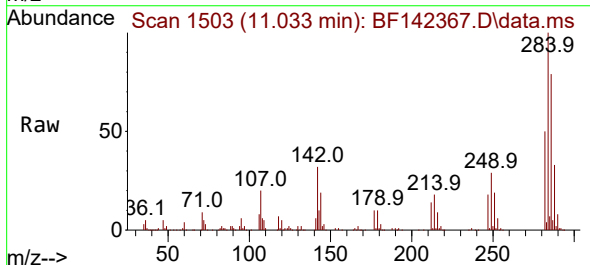
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

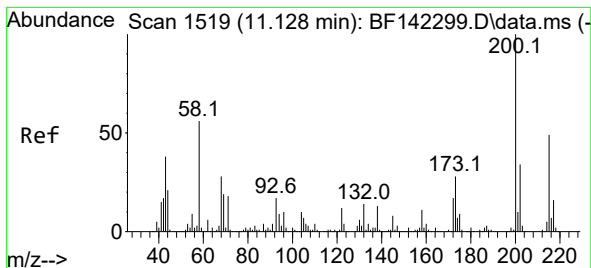
Tgt Ion:248 Resp: 331117
Ion Ratio Lower Upper
248 100
250 97.6 77.9 116.9
141 72.5 59.8 89.8



#68
Hexachlorobenzene
Concen: 41.971 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:284 Resp: 363982
Ion Ratio Lower Upper
284 100
142 32.0 26.6 39.8
249 29.2 24.1 36.1





#69

Atrazine

Concen: 51.109 ng

RT: 11.127 min Scan# 1519

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

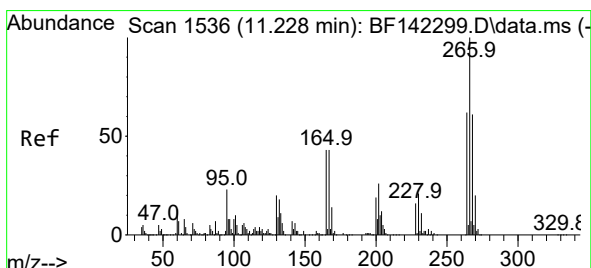
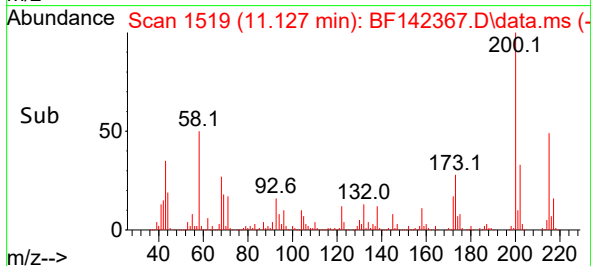
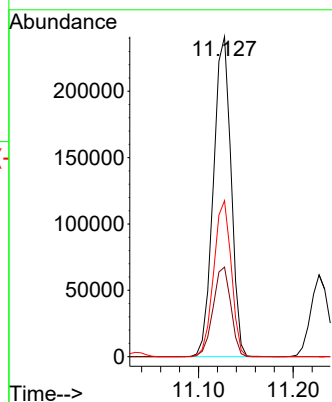
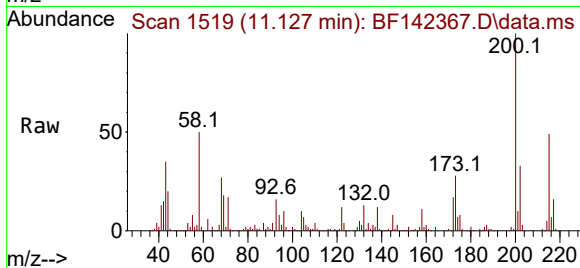
Tgt Ion:200 Resp: 311861

Ion Ratio Lower Upper

200 100

173 28.0 8.1 48.1

215 48.7 28.8 68.8



#70

Pentachlorophenol

Concen: 100.965 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

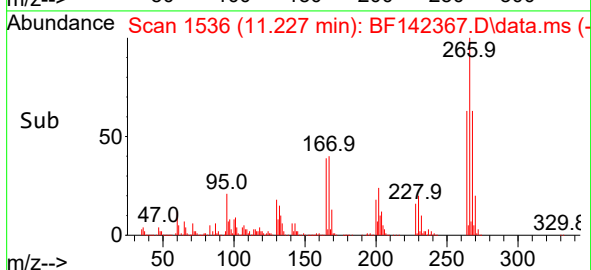
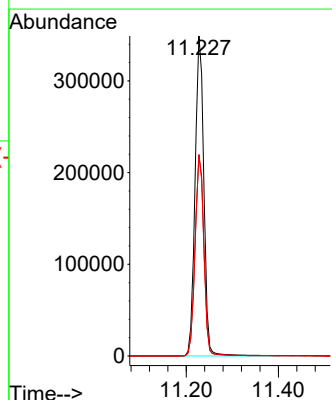
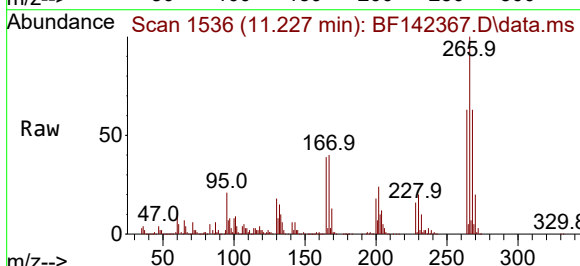
Tgt Ion:266 Resp: 460619

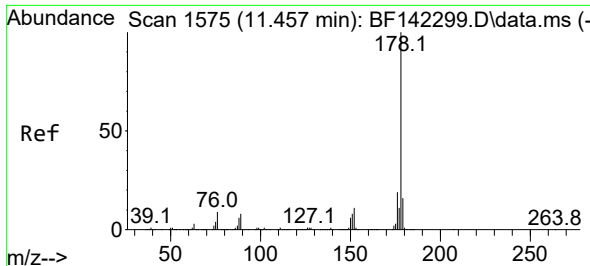
Ion Ratio Lower Upper

266 100

268 62.9 48.7 73.1

264 62.9 49.8 74.6

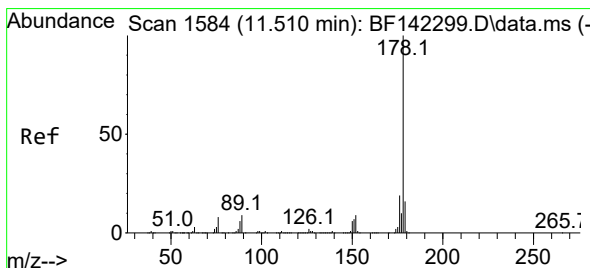
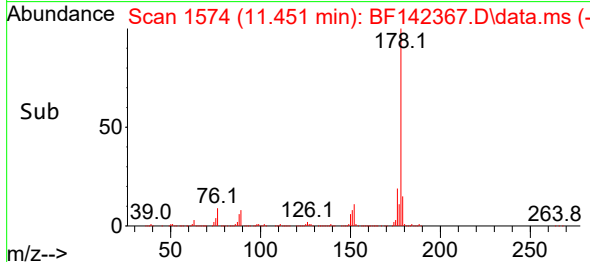
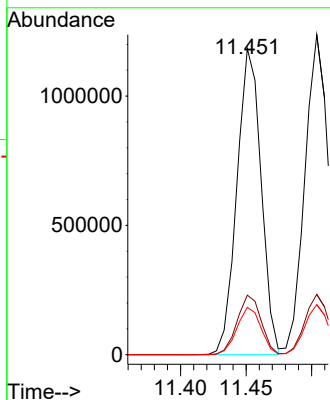
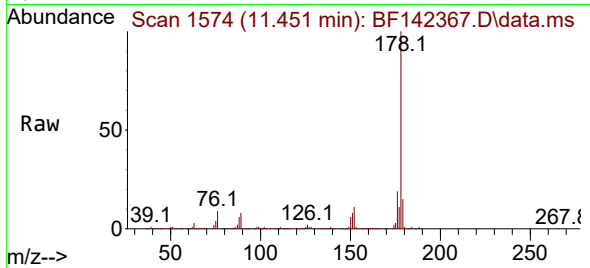




#71
Phenanthrene
Concen: 41.630 ng
RT: 11.451 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

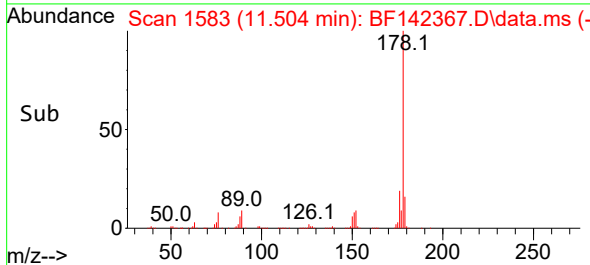
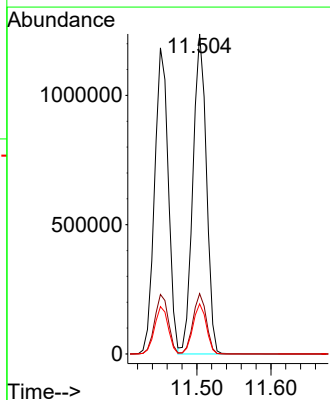
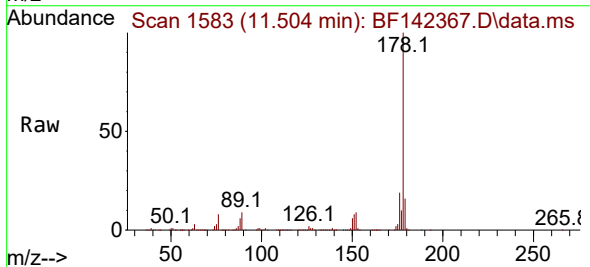
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

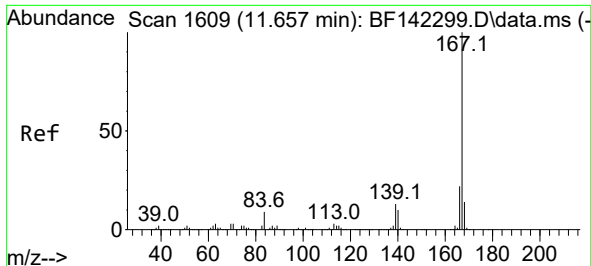
Tgt Ion:178 Resp: 1517989
Ion Ratio Lower Upper
178 100
176 19.4 15.5 23.3
179 15.5 12.6 18.8



#72
Anthracene
Concen: 41.655 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:178 Resp: 1560663
Ion Ratio Lower Upper
178 100
176 18.8 15.3 22.9
179 15.6 12.6 18.8



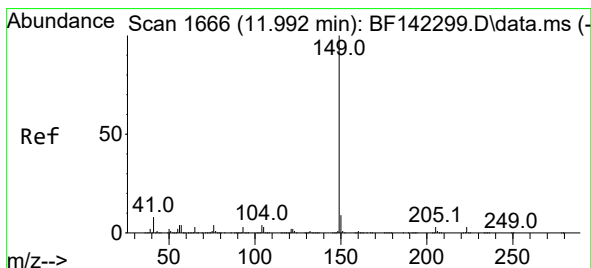
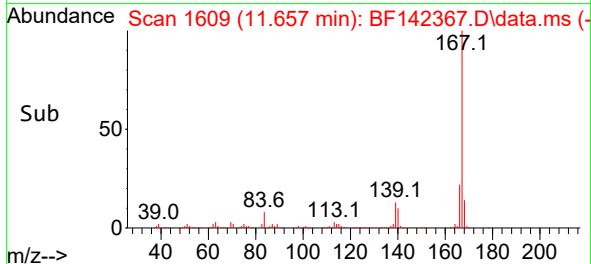
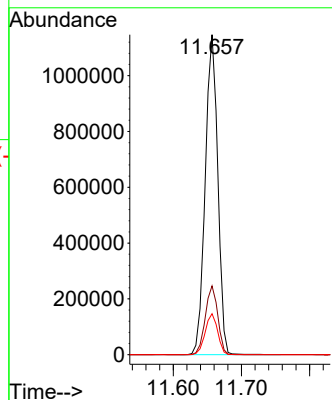
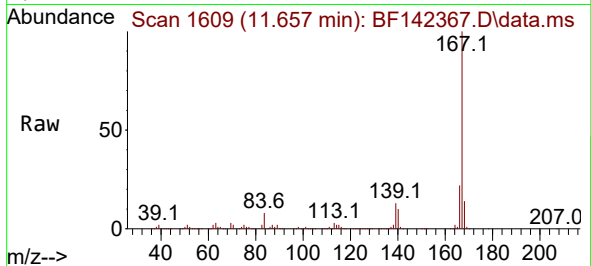


#73
 Carbazole
 Concen: 43.628 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tgt Ion:167 Resp: 1466489

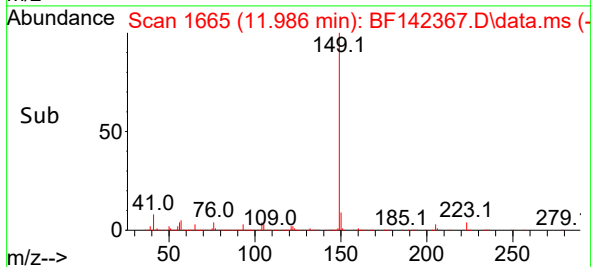
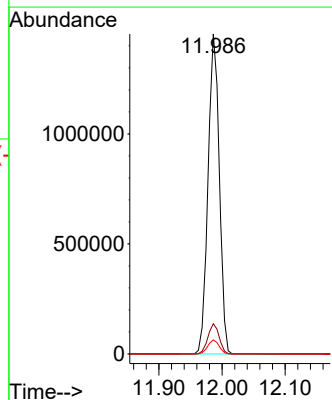
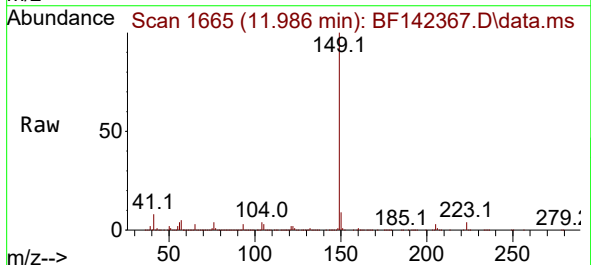
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.2	25.8
139	12.8	10.3	15.5

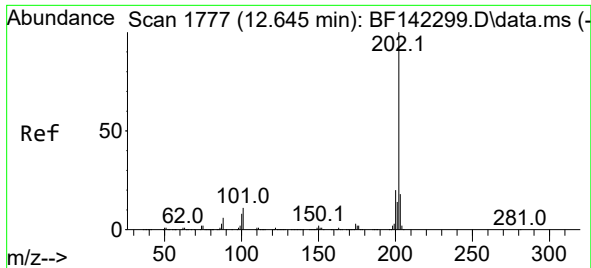


#74
 Di-n-butylphthalate
 Concen: 51.191 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 1809368

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.5	11.3
104	4.4	3.6	5.4

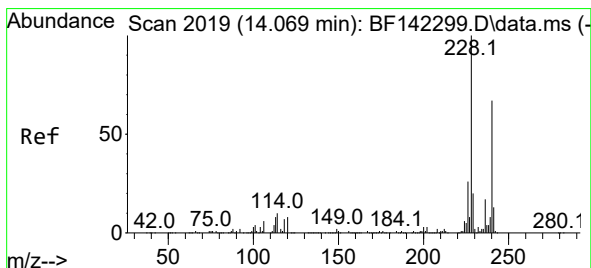
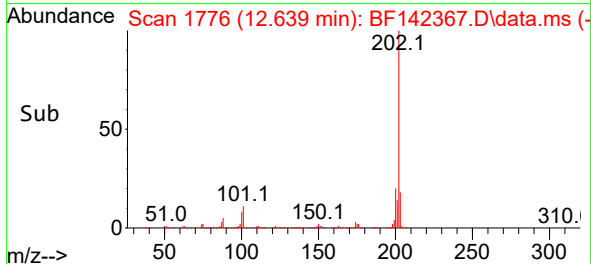
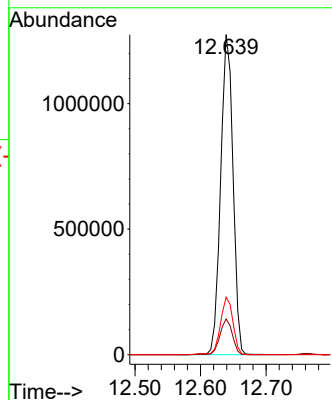
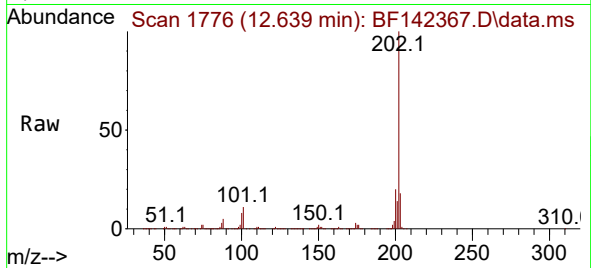




#75
Fluoranthene
Concen: 45.479 ng
RT: 12.639 min Scan# 1776
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

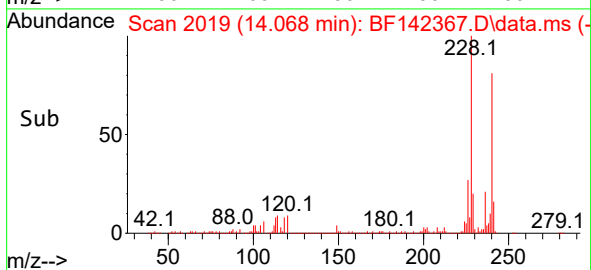
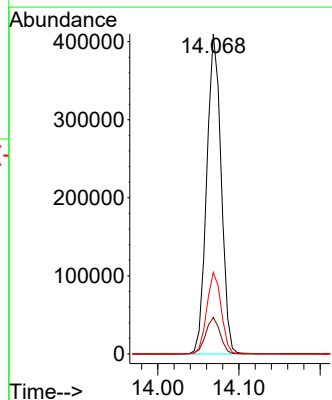
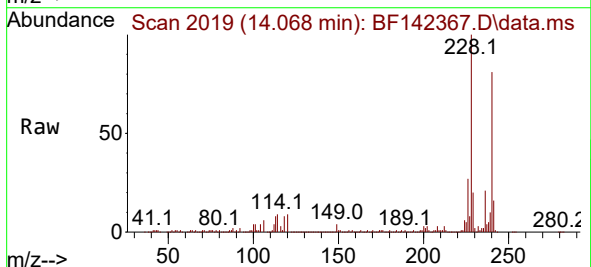
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

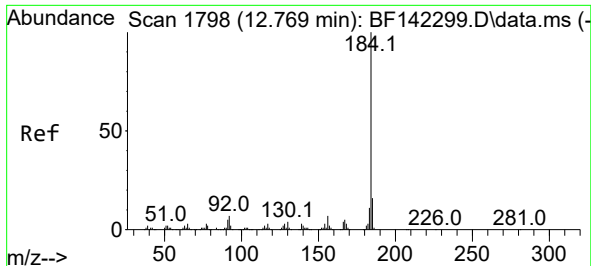
Tgt Ion:202 Resp: 1657698
Ion Ratio Lower Upper
202 100
101 11.2 0.0 31.4
203 17.9 0.0 37.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. -0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:240 Resp: 504507
Ion Ratio Lower Upper
240 100
120 11.4 9.7 14.5
236 25.5 20.0 30.0

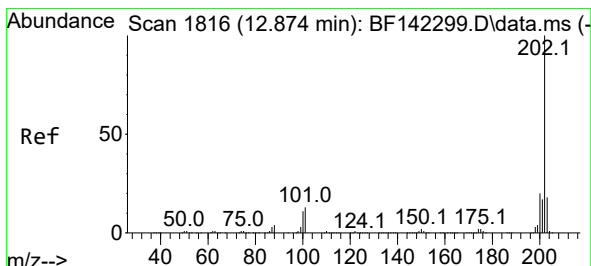
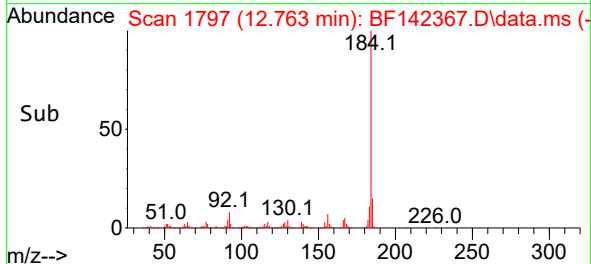
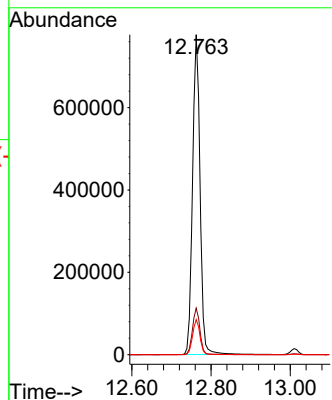
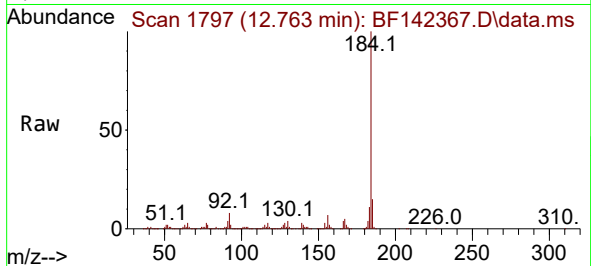




#77
Benzidine
Concen: 111.462 ng
RT: 12.763 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

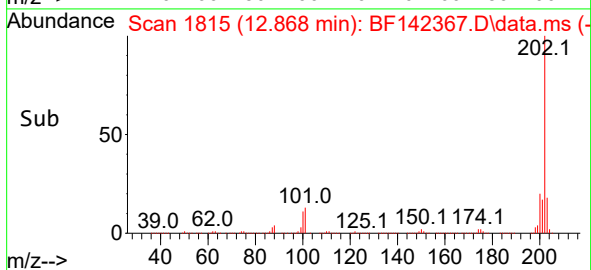
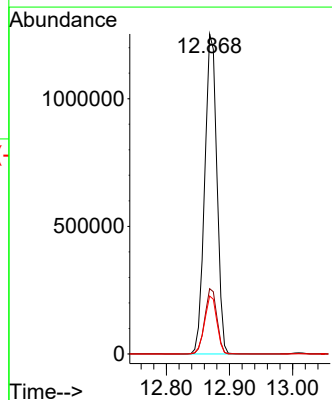
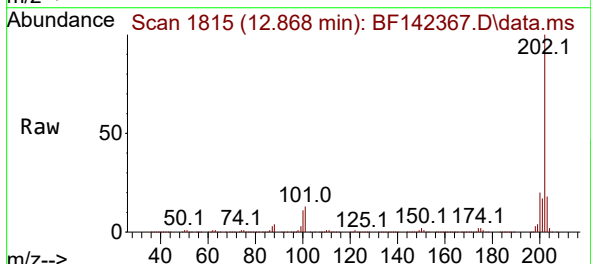
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

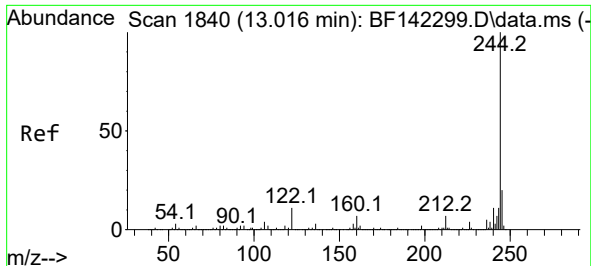
Tgt Ion:184 Resp: 1021921
Ion Ratio Lower Upper
184 100
185 14.5 12.6 18.8
183 11.0 8.6 12.8



#78
Pyrene
Concen: 37.293 ng
RT: 12.868 min Scan# 1815
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:202 Resp: 1674701
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.4
203 18.1 14.3 21.5

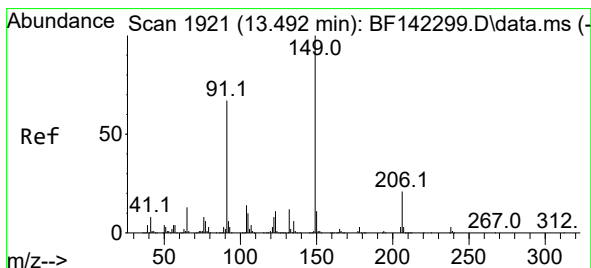
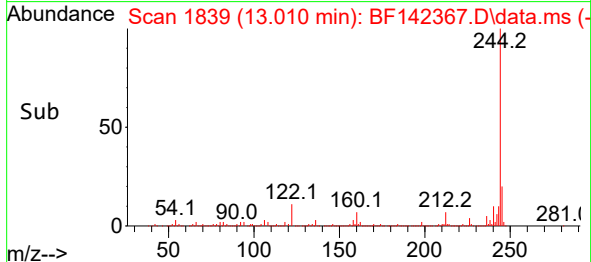
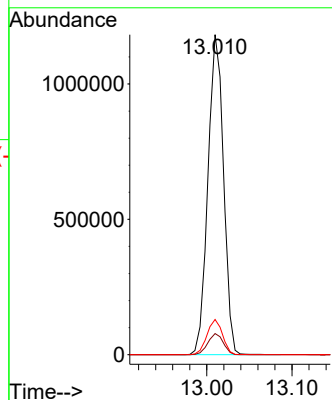
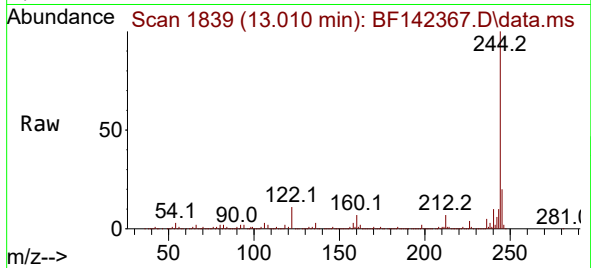




#79
 Terphenyl-d14
 Concen: 44.122 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

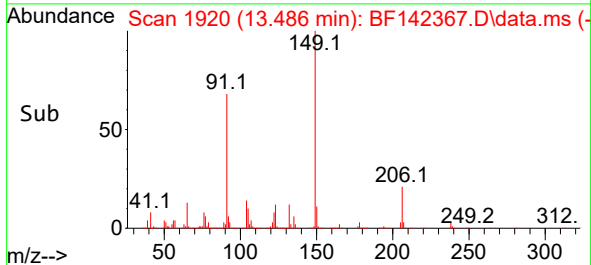
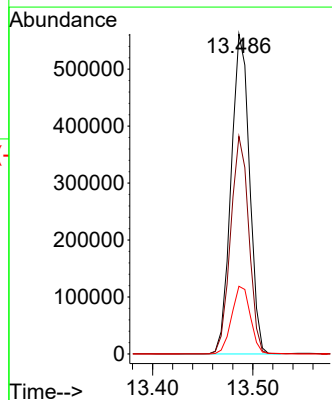
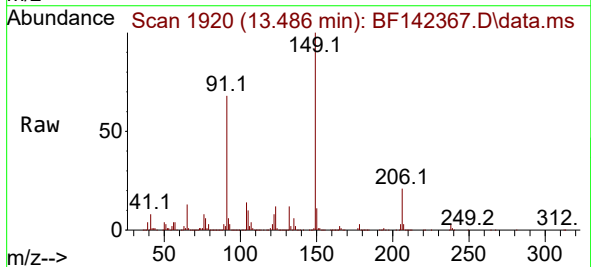
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

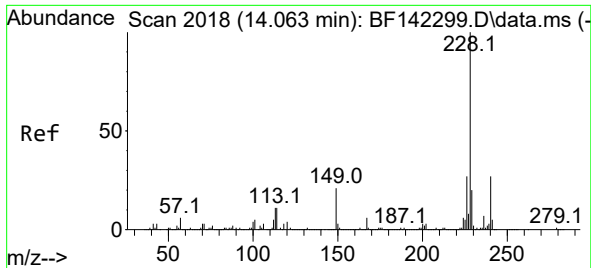
Tgt Ion:244 Resp: 1503921
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 11.0 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 54.143 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 716198
 Ion Ratio Lower Upper
 149 100
 91 68.0 53.8 80.6
 206 21.1 16.6 24.8

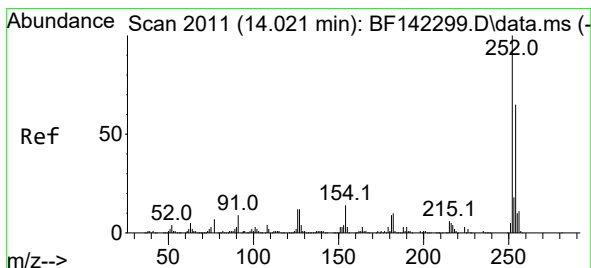
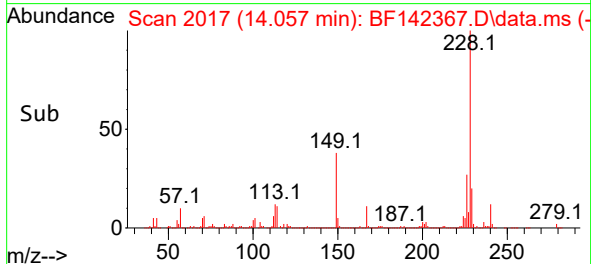
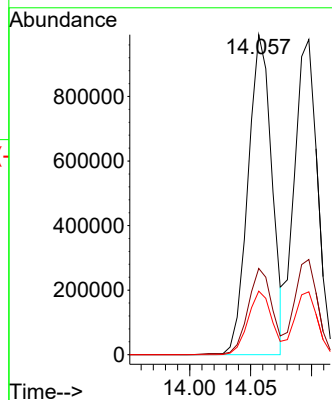
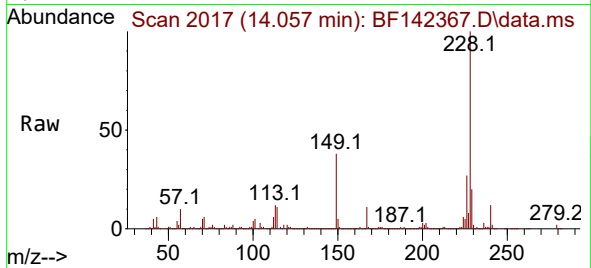




#81
Benzo(a)anthracene
Concen: 41.287 ng
RT: 14.057 min Scan# 2017
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

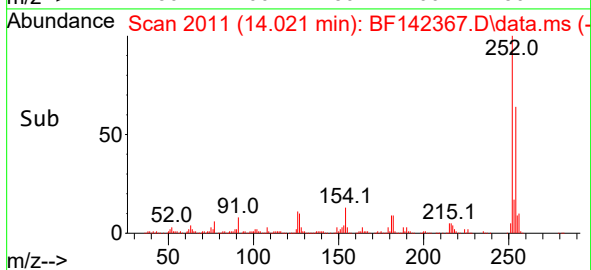
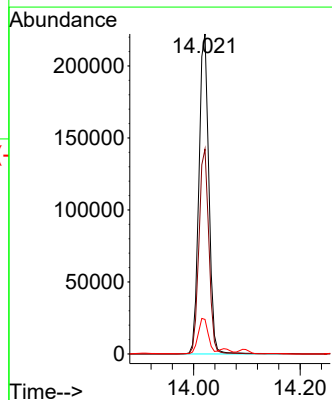
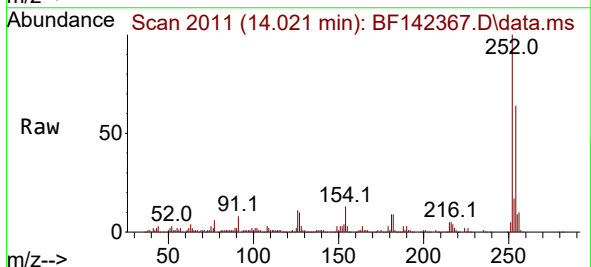
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

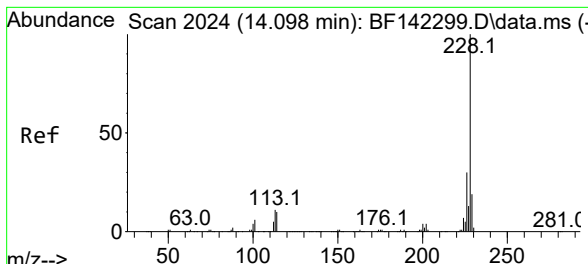
Tgt Ion:228 Resp: 1348952
Ion Ratio Lower Upper
228 100
226 26.9 21.5 32.3
229 19.8 15.9 23.9



#82
3,3'-Dichlorobenzidine
Concen: 37.931 ng
RT: 14.021 min Scan# 2011
Delta R.T. 0.000 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:252 Resp: 288195
Ion Ratio Lower Upper
252 100
254 64.0 52.0 78.0
126 10.8 9.7 14.5



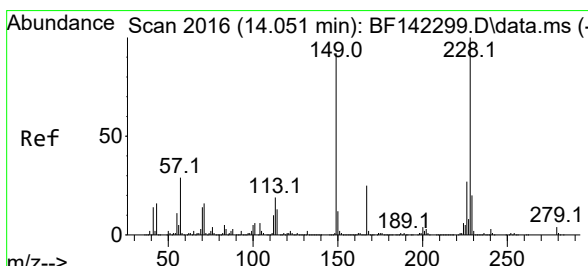
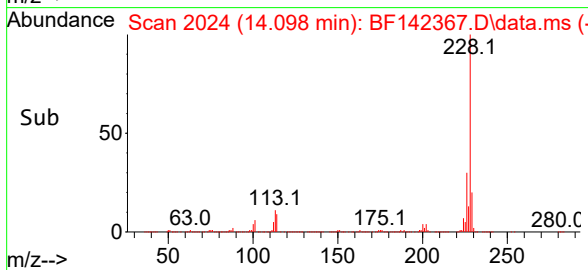
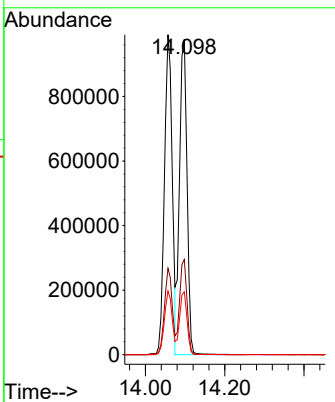
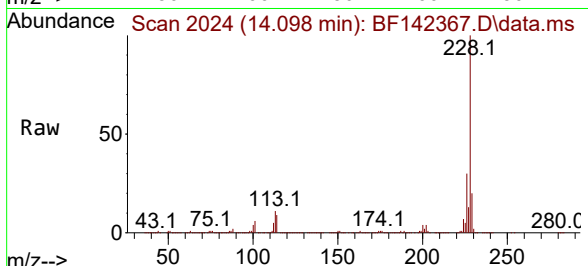


#83
 Chrysene
 Concen: 42.364 ng
 RT: 14.098 min Scan# 2015
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

Tgt Ion:228 Resp: 1288523

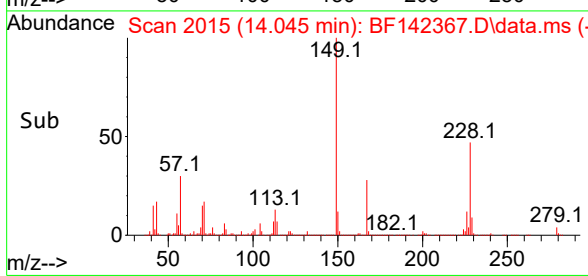
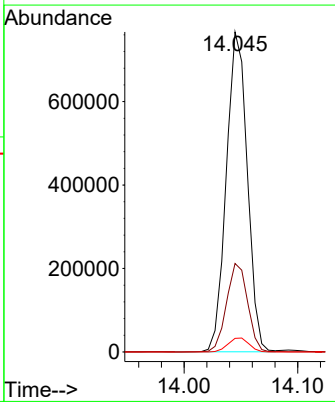
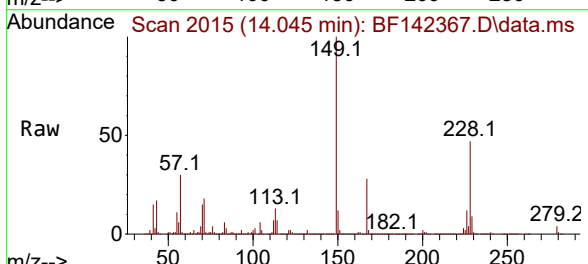
Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.9	35.9
229	19.9	15.4	23.2

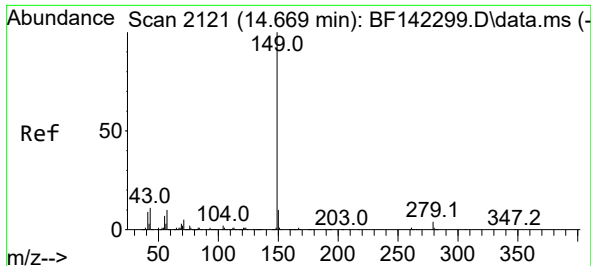


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 56.774 ng
 RT: 14.045 min Scan# 2015
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion:149 Resp: 983412

Ion	Ratio	Lower	Upper
149	100		
167	27.7	22.0	33.0
279	4.3	3.0	4.6

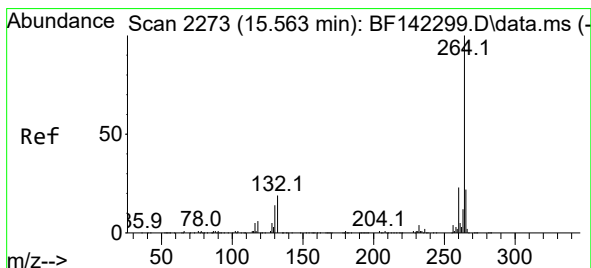
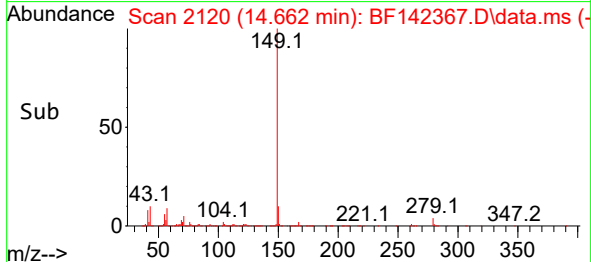
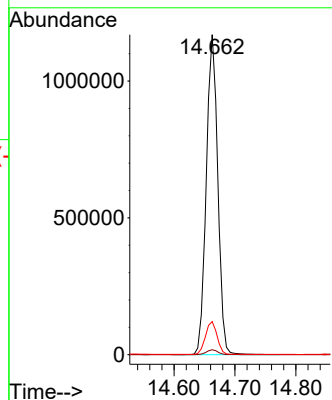
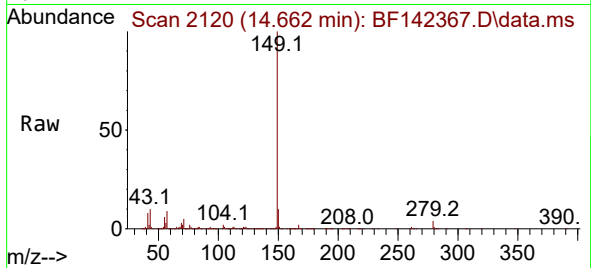




#85
Di-n-octyl phthalate
Concen: 49.457 ng
RT: 14.662 min Scan# 2121
Delta R.T. -0.007 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

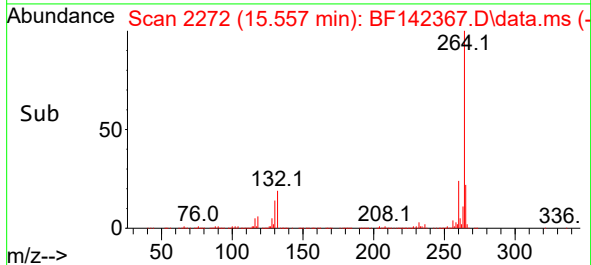
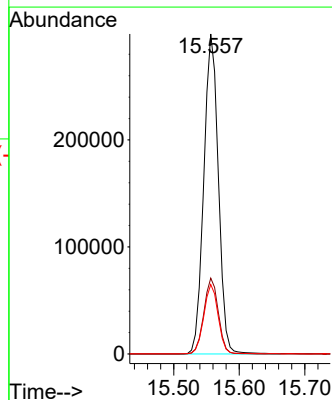
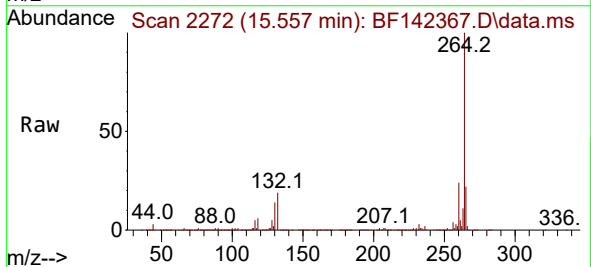
Instrument :
BNA_F
ClientSampleId :
TP-3MSD

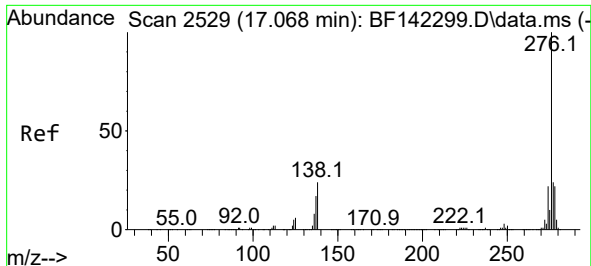
Tgt Ion:149 Resp: 1530562
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 10.4 9.2 13.8



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.557 min Scan# 2272
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:264 Resp: 463876
Ion Ratio Lower Upper
264 100
260 23.7 18.6 27.8
265 21.7 17.5 26.3

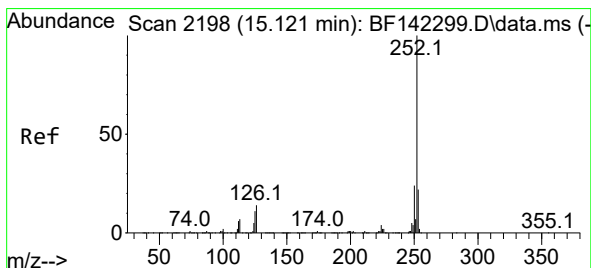
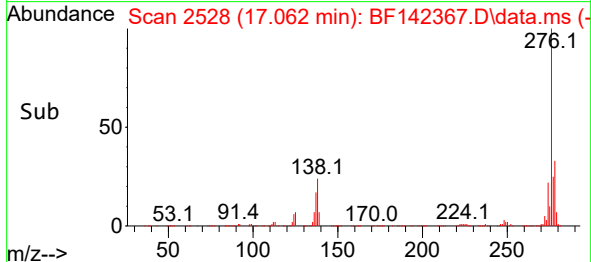
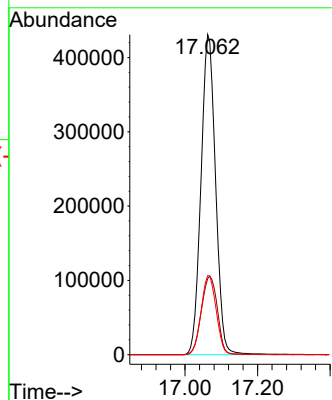
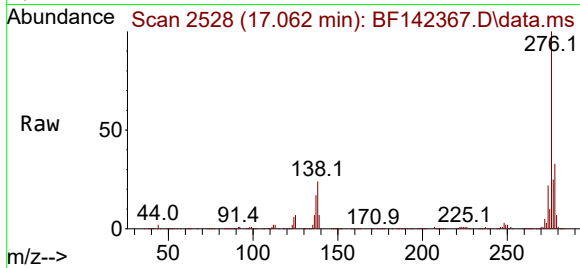




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 37.225 ng
 RT: 17.062 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

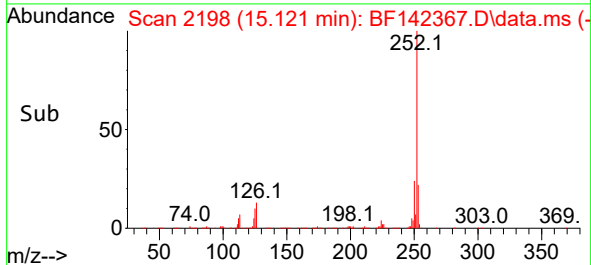
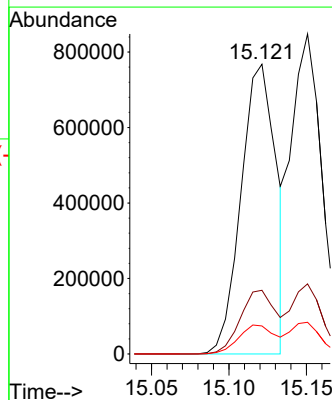
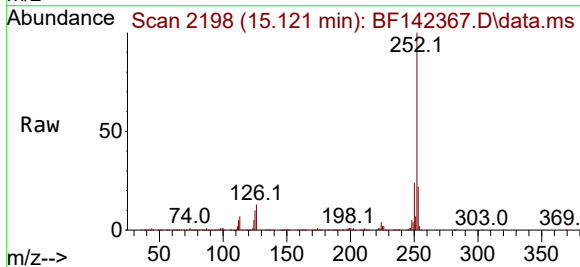
Instrument :
 BNA_F
 ClientSampleId :
 TP-3MSD

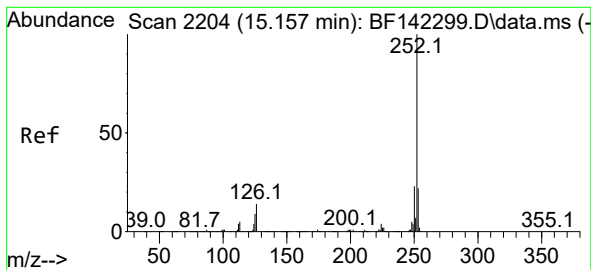
Tgt Ion:276 Resp: 1201187
 Ion Ratio Lower Upper
 276 100
 138 26.9 22.0 33.0
 277 25.6 20.1 30.1



#88
 Benzo(b)fluoranthene
 Concen: 42.951 ng
 RT: 15.121 min Scan# 2198
 Delta R.T. -0.000 min
 Lab File: BF142367.D
 Acq: 14 May 2025 15:48

Tgt Ion:252 Resp: 1206700
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.7 26.5
 125 9.7 8.7 13.1





#89

Benzo(k)fluoranthene

Concen: 45.067 ng

RT: 15.151 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

Instrument :

BNA_F

ClientSampleId :

TP-3MSD

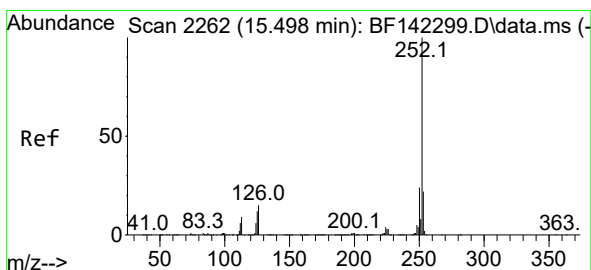
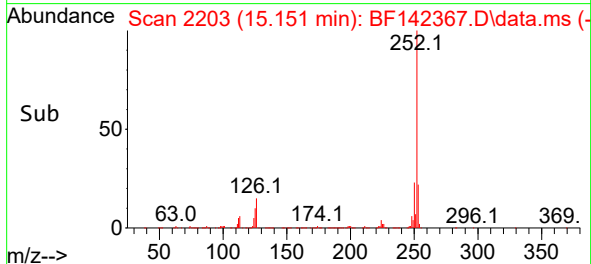
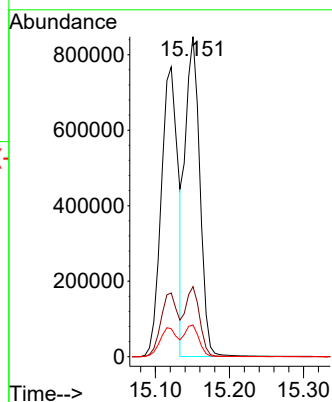
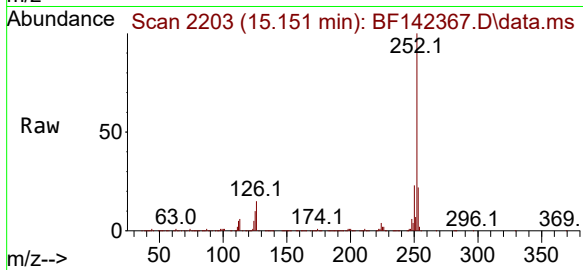
Tgt Ion:252 Resp: 1158689

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 9.9 8.1 12.1



#90

Benzo(a)pyrene

Concen: 44.379 ng

RT: 15.498 min Scan# 2262

Delta R.T. -0.000 min

Lab File: BF142367.D

Acq: 14 May 2025 15:48

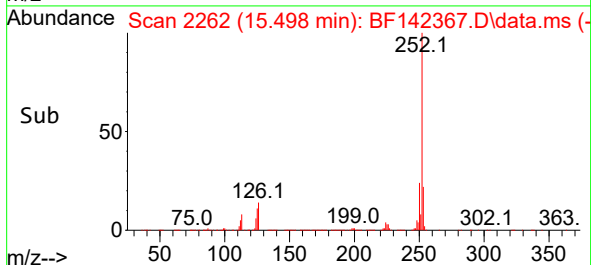
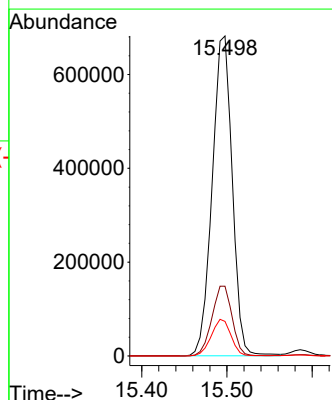
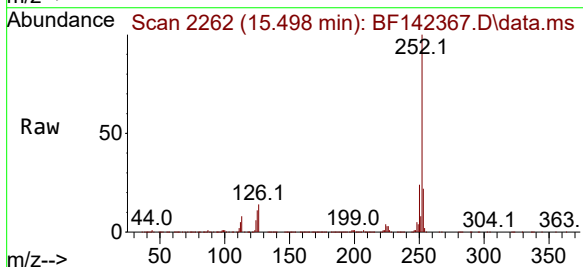
Tgt Ion:252 Resp: 1117294

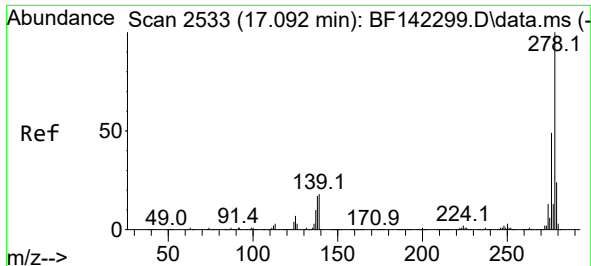
Ion Ratio Lower Upper

252 100

253 21.8 17.8 26.6

125 10.8 9.4 14.0

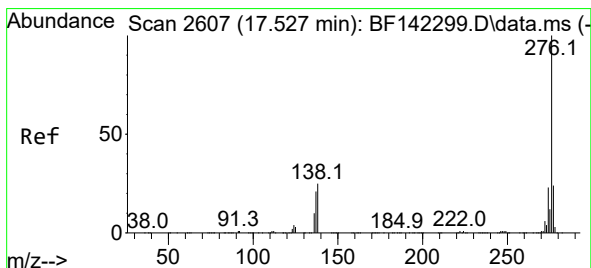
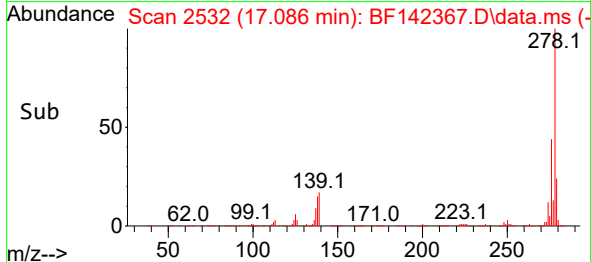
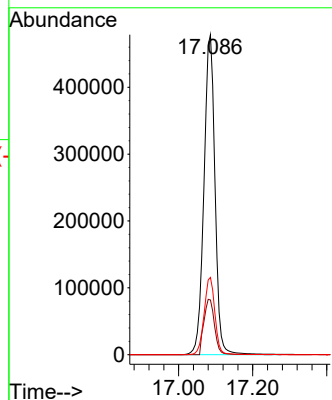
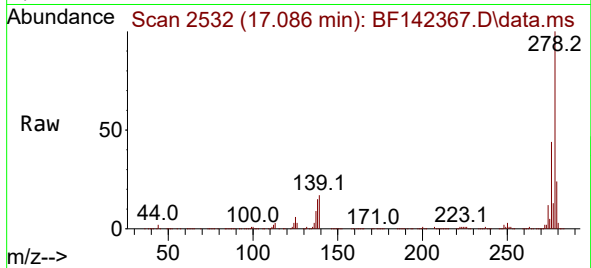




#91
Dibenzo(a,h)anthracene
Concen: 37.216 ng
RT: 17.086 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Instrument :
BNA_F
ClientSampleId :
TP-3MSD

Tgt Ion:278 Resp: 992131
Ion Ratio Lower Upper
278 100
139 17.1 14.5 21.7
279 24.2 18.9 28.3



#92
Benzo(g,h,i)perylene
Concen: 34.922 ng
RT: 17.521 min Scan# 2606
Delta R.T. -0.006 min
Lab File: BF142367.D
Acq: 14 May 2025 15:48

Tgt Ion:276 Resp: 924006
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.6
138 23.4 19.8 29.6

