

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052325\
 Data File : BF142546.D
 Acq On : 23 May 2025 20:25
 Operator : RC/JU
 Sample : Q2109-01MSD
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMSD

Quant Time: May 23 22:54:49 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 20 16:26:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	125774	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	433915	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	183522	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	278305	20.000	ng	0.00
76) Chrysene-d12	14.074	240	249276	20.000	ng	0.00
86) Perylene-d12	15.568	264	193062	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	684576	91.700	ng	0.00
7) Phenol-d6	6.528	99	828496	92.193	ng	0.00
23) Nitrobenzene-d5	7.463	82	478640	60.149	ng	-0.01
42) 2,4,6-Tribromophenol	10.728	330	175296	86.062	ng	-0.01
45) 2-Fluorobiphenyl	9.257	172	884875	64.700	ng	-0.01
79) Terphenyl-d14	13.010	244	789414	43.276	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.728	88	102881	34.439	ng	99
3) Pyridine	3.493	79	286356	37.642	ng	100
4) n-Nitrosodimethylamine	3.446	42	161883	40.984	ng	94
6) Aniline	6.563	93	335075	27.730	ng	100
8) 2-Chlorophenol	6.681	128	323821	39.823	ng	98
9) Benzaldehyde	6.451	77	196529	36.360	ng	99
10) Phenol	6.545	94	395271	39.090	ng	95
11) bis(2-Chloroethyl)ether	6.634	93	291719	40.078	ng	100
12) 1,3-Dichlorobenzene	6.840	146	351057	38.690	ng	99
13) 1,4-Dichlorobenzene	6.916	146	350324	38.329	ng	99
14) 1,2-Dichlorobenzene	7.069	146	338097	38.659	ng	99
15) Benzyl Alcohol	7.040	79	259615	39.092	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	470964	38.529	ng	99
17) 2-Methylphenol	7.151	107	248634	39.164	ng	100
18) Hexachloroethane	7.410	117	120062	37.620	ng	97
19) n-Nitroso-di-n-propyla...	7.310	70	210574	37.809	ng	99
20) 3+4-Methylphenols	7.304	107	306279	37.673	ng	97
22) Acetophenone	7.310	105	407031	42.375	ng	99
24) Nitrobenzene	7.481	77	304815	42.471	ng	99
25) Isophorone	7.722	82	542109	40.746	ng	98
26) 2-Nitrophenol	7.798	139	168825	44.023	ng	97
27) 2,4-Dimethylphenol	7.834	122	287088	42.450	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	347613	41.826	ng	98
29) 2,4-Dichlorophenol	8.039	162	249102	40.502	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	273810	41.022	ng	98
31) Naphthalene	8.204	128	924796	43.284	ng	100
32) Benzoic acid	7.945	122	175053	42.522	ng	100
33) 4-Chloroaniline	8.251	127	90260	10.426	ng	97
34) Hexachlorobutadiene	8.322	225	170514	40.913	ng	99
35) Caprolactam	8.622	113	73755	42.698	ng	95
36) 4-Chloro-3-methylphenol	8.734	107	229426	36.399	ng	97
37) 2-Methylnaphthalene	8.892	142	532108	39.586	ng	100
38) 1-Methylnaphthalene	8.998	142	552439	39.733	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	246863	46.860	ng	99
41) Hexachlorocyclopentadiene	9.045	237	182543	51.365	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	162563	45.762	ng	97

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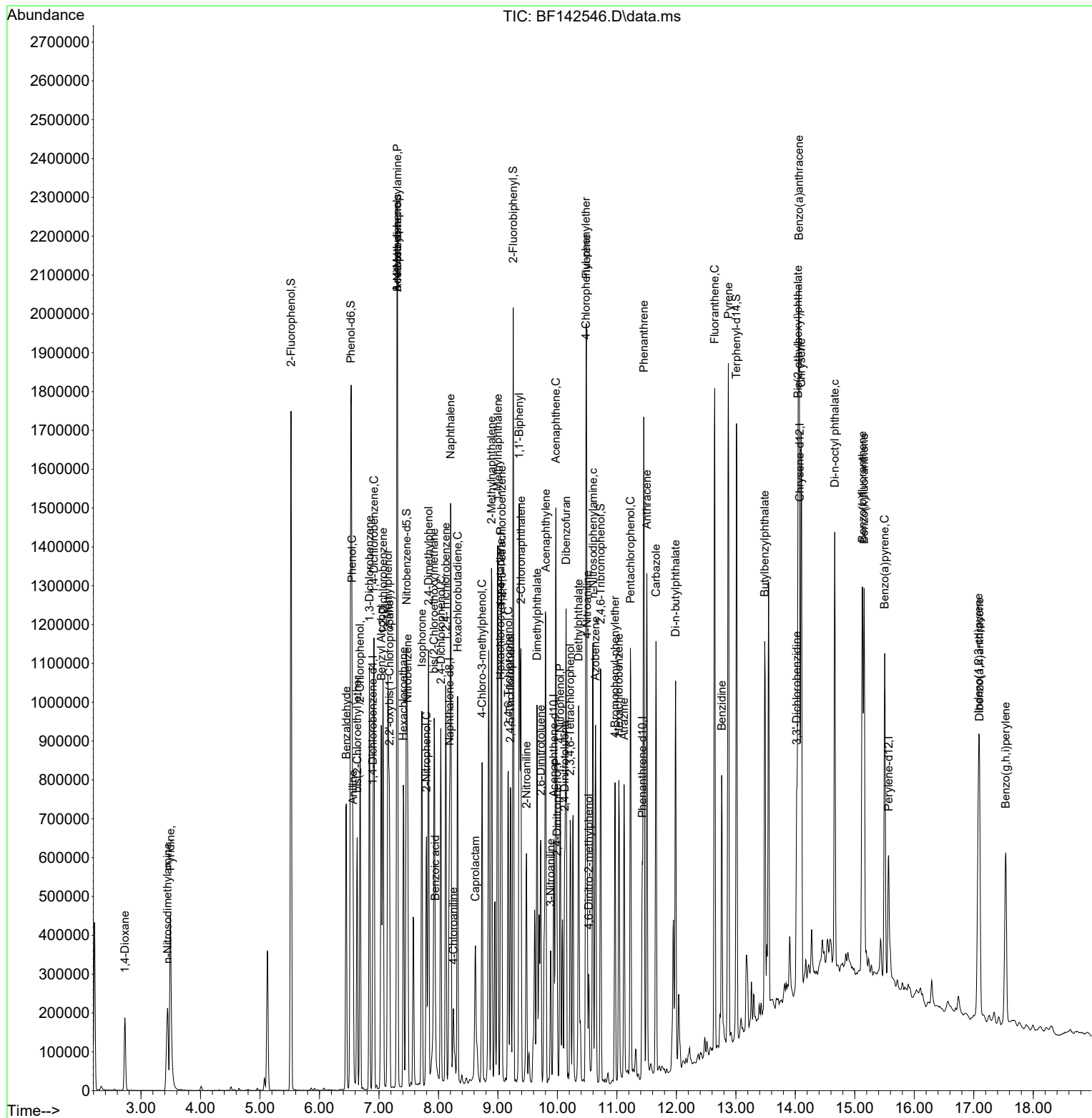
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.210	196	158413	42.283	ng	98
46) 1,1'-Biphenyl	9.357	154	668708	46.966	ng	100
47) 2-Chloronaphthalene	9.386	162	468397	44.526	ng	98
48) 2-Nitroaniline	9.481	65	136079	44.754	ng	97
49) Acenaphthylene	9.804	152	773447	43.542	ng	100
50) Dimethylphthalate	9.657	163	560234	46.264	ng	100
51) 2,6-Dinitrotoluene	9.722	165	115296	44.114	ng	97
52) Acenaphthene	9.975	154	498983	46.004	ng	100
53) 3-Nitroaniline	9.886	138	77270	27.068	ng	99
54) 2,4-Dinitrophenol	9.992	184	78350	58.025	ng	# 87
55) Dibenzofuran	10.145	168	683520	43.792	ng	99
56) 4-Nitrophenol	10.045	139	178857	84.915	ng	98
57) 2,4-Dinitrotoluene	10.122	165	145227	42.548	ng	99
58) Fluorene	10.486	166	538806	44.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	125723	40.197	ng	93
60) Diethylphthalate	10.357	149	510421	43.159	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	233164	39.362	ng	97
62) 4-Nitroaniline	10.498	138	99158	38.299	ng	97
63) Azobenzene	10.639	77	453716	42.713	ng	96
65) 4,6-Dinitro-2-methylph...	10.528	198	51994	33.476	ng	99
66) n-Nitrosodiphenylamine	10.598	169	413013	43.377	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	134666	40.923	ng	100
68) Hexachlorobenzene	11.033	284	143808	39.511	ng	97
69) Atrazine	11.122	200	123289	48.757	ng	99
70) Pentachlorophenol	11.227	266	188441	91.704	ng	99
71) Phenanthrene	11.451	178	923732	62.107	ng	100
72) Anthracene	11.504	178	714116	47.046	ng	100
73) Carbazole	11.657	167	631894	48.695	ng	100
74) Di-n-butylphthalate	11.986	149	706526	49.741	ng	100
75) Fluoranthene	12.645	202	1033784	74.386	ng	99
77) Benzidine	12.763	184	390295	42.074	ng	100
78) Pyrene	12.874	202	1044033	44.897	ng	99
80) Butylbenzylphthalate	13.486	149	327796	51.015	ng	99
81) Benzo(a)anthracene	14.063	228	831808	49.972	ng	98
82) 3,3'-Dichlorobenzidine	14.021	252	159355	31.563	ng	99
83) Chrysene	14.098	228	739930	49.471	ng	99
84) Bis(2-ethylhexyl)phtha...	14.045	149	461617	56.120	ng	100
85) Di-n-octyl phthalate	14.663	149	752033	46.758	ng	100
87) Indeno(1,2,3-cd)pyrene	17.080	276	505350	34.866	ng	99
88) Benzo(b)fluoranthene	15.127	252	711379	62.258	ng	97
89) Benzo(k)fluoranthene	15.157	252	484127	45.237	ng	97
90) Benzo(a)pyrene	15.504	252	539437	50.085	ng	98
91) Dibenzo(a,h)anthracene	17.098	278	396291	33.712	ng	100
92) Benzo(g,h,i)perylene	17.539	276	410855	34.943	ng	99

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

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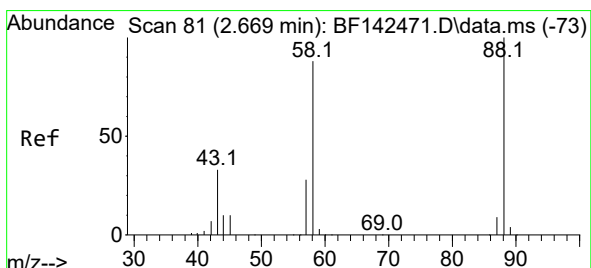
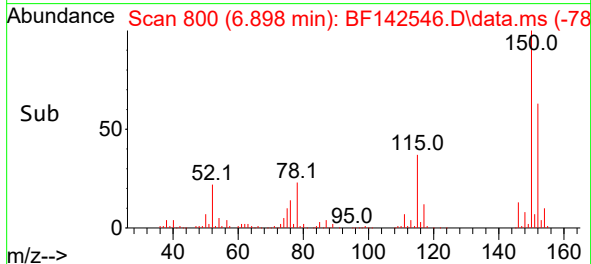
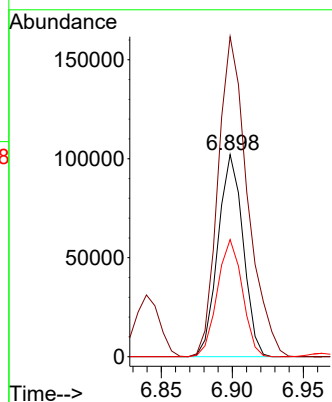
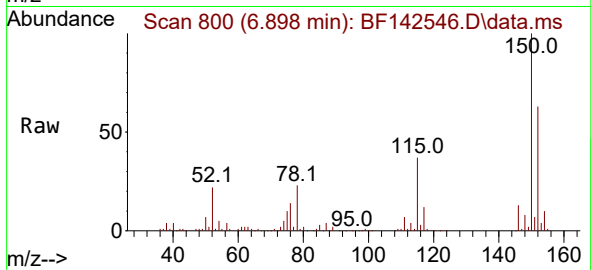




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142546.D
 Acq: 23 May 2025 20:25

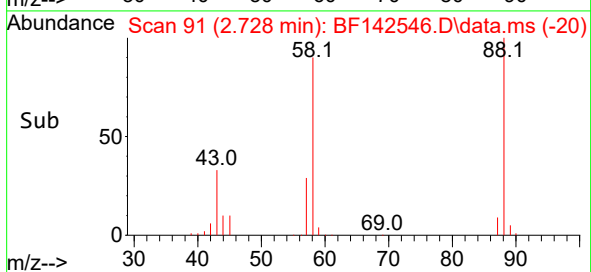
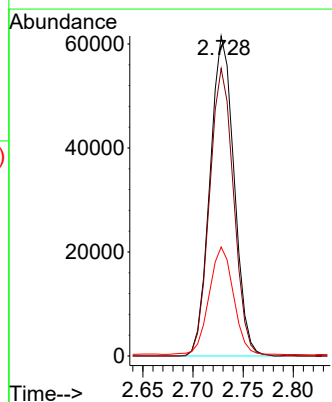
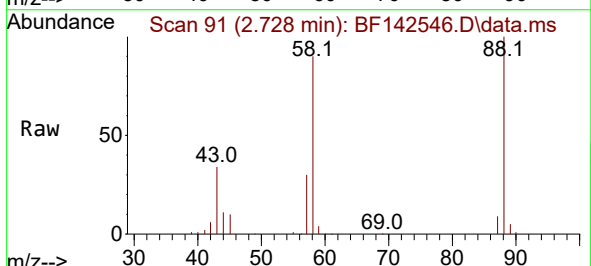
Instrument :
 BNA_F
 ClientSampleId :
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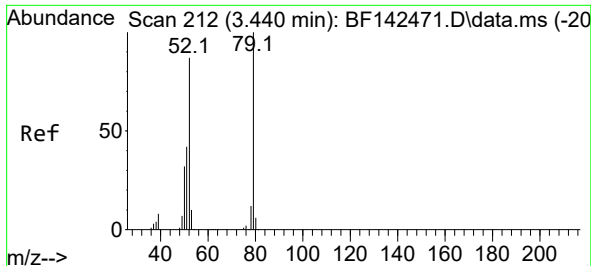
Tgt Ion:152 Resp: 125774
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.2 192.4
 115 58.0 48.3 72.5



#2
 1,4-Dioxane
 Concen: 34.439 ng
 RT: 2.728 min Scan# 91
 Delta R.T. 0.065 min
 Lab File: BF142546.D
 Acq: 23 May 2025 20:25

Tgt Ion: 88 Resp: 102881
 Ion Ratio Lower Upper
 88 100
 58 89.5 70.8 106.2
 43 34.4 26.6 40.0





#3

Pyridine

Concen: 37.642 ng

RT: 3.493 min Scan# 212

Delta R.T. 0.053 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

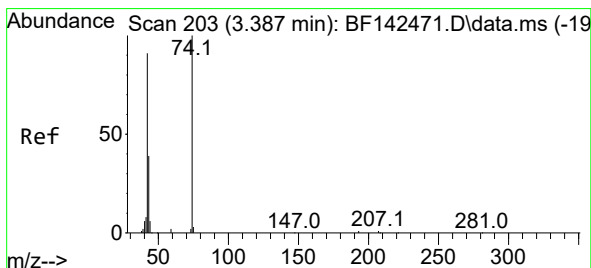
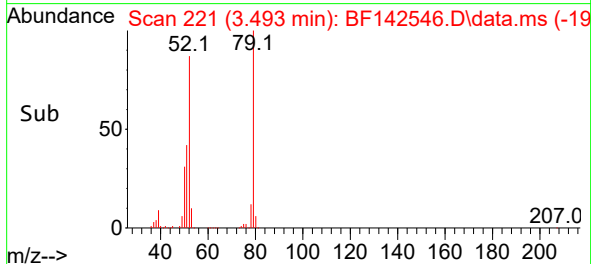
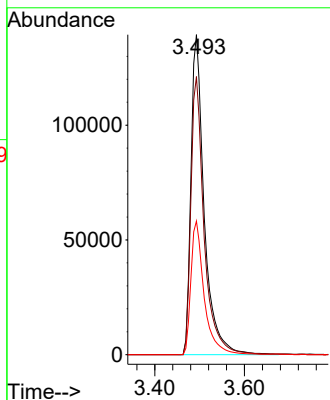
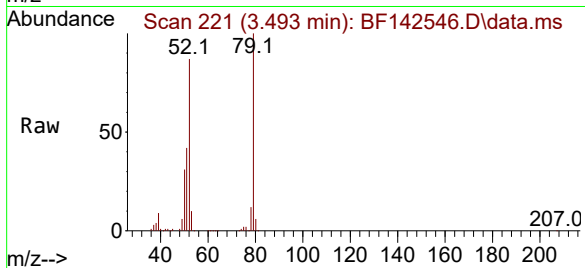
Tgt Ion: 79 Resp: 286356

Ion Ratio Lower Upper

79 100

52 86.9 69.2 103.8

51 41.7 33.3 49.9



#4

n-Nitrosodimethylamine

Concen: 40.984 ng

RT: 3.446 min Scan# 213

Delta R.T. 0.041 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

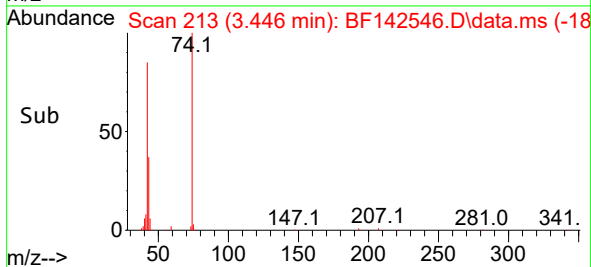
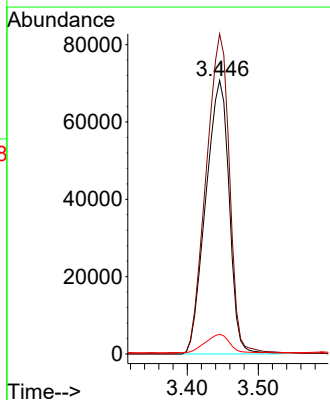
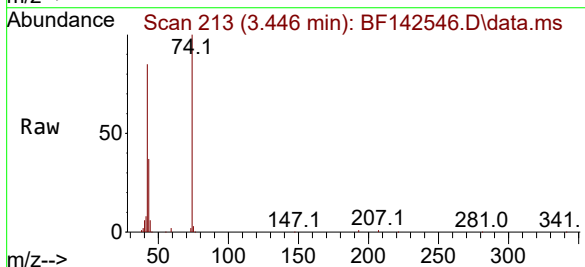
Tgt Ion: 42 Resp: 161883

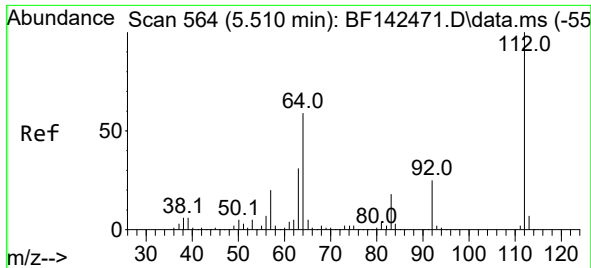
Ion Ratio Lower Upper

42 100

74 117.0 88.2 132.4

44 7.2 5.4 8.2

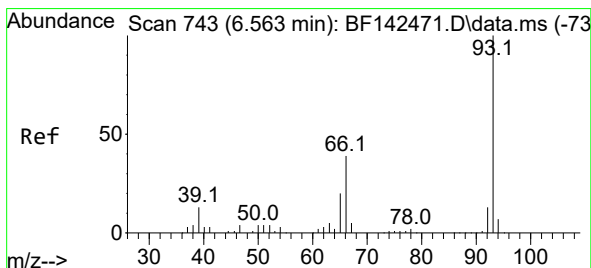
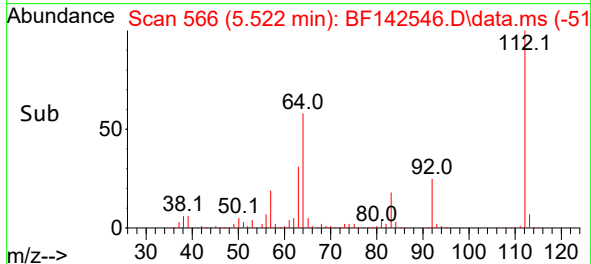
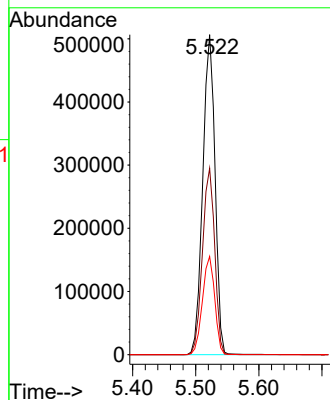
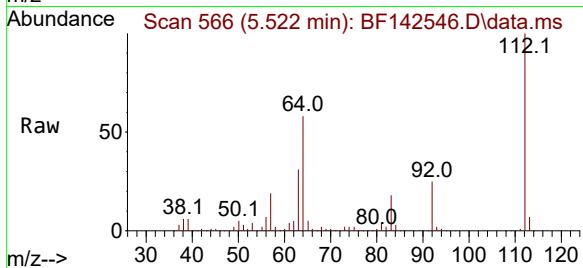




#5
2-Fluorophenol
Concen: 91.700 ng
RT: 5.522 min Scan# 501
Delta R.T. 0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

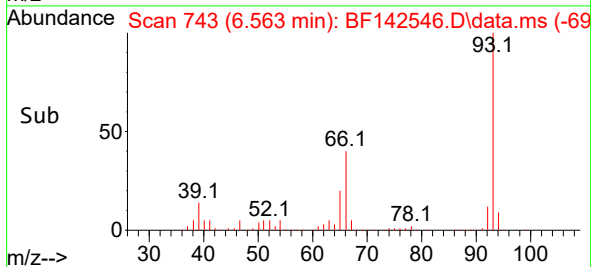
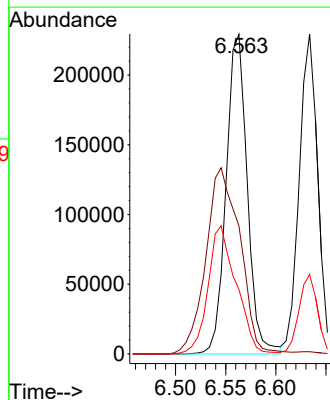
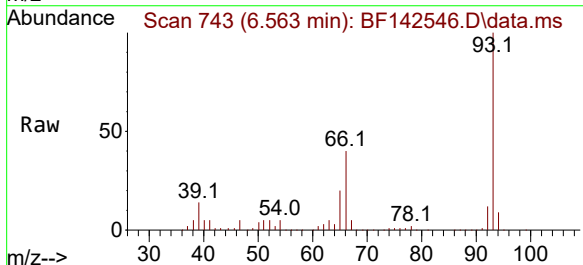
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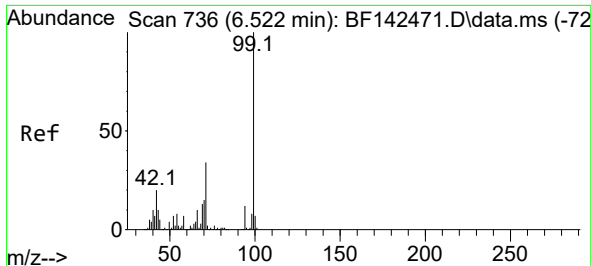
Tgt Ion:112 Resp: 684576
Ion Ratio Lower Upper
112 100
64 58.2 47.5 71.3
63 30.7 24.9 37.3



#6
Aniline
Concen: 27.730 ng
RT: 6.563 min Scan# 743
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion: 93 Resp: 335075
Ion Ratio Lower Upper
93 100
66 40.1 32.0 48.0
65 20.2 16.1 24.1

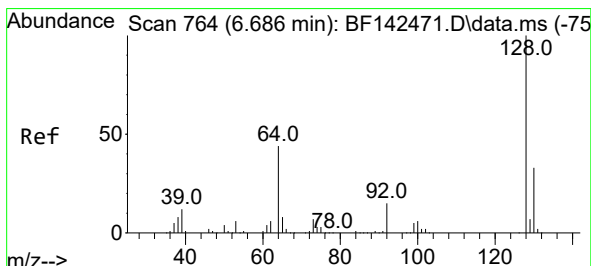
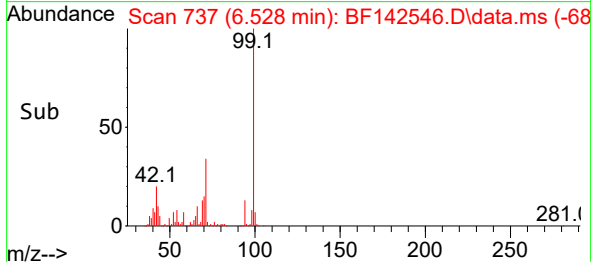
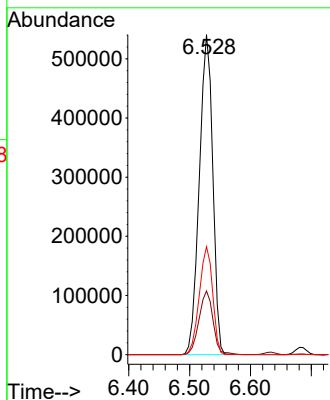
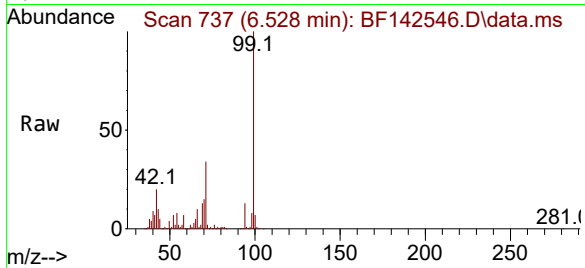




#7
Phenol-d6
Concen: 92.193 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

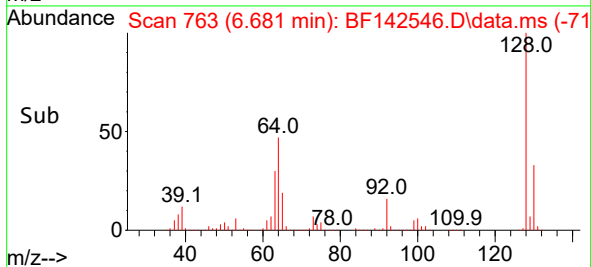
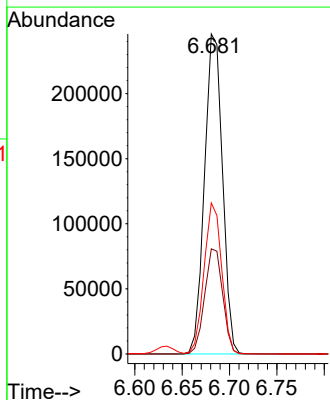
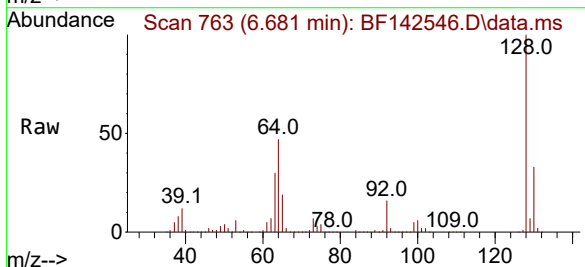
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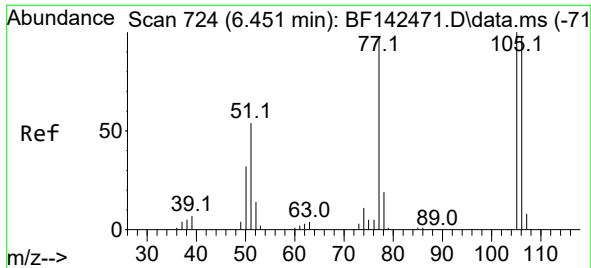
Tgt Ion: 99 Resp: 828496
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.2
71 33.7 27.3 40.9



#8
2-Chlorophenol
Concen: 39.823 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion: 128 Resp: 323821
Ion Ratio Lower Upper
128 100
130 32.8 12.6 52.6
64 47.2 25.1 65.1

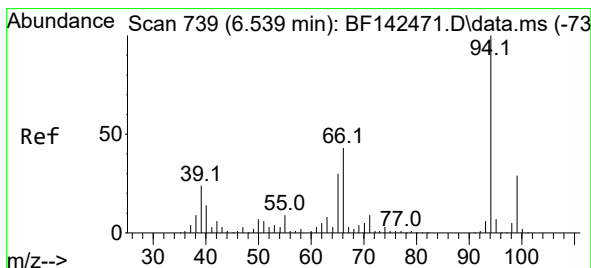
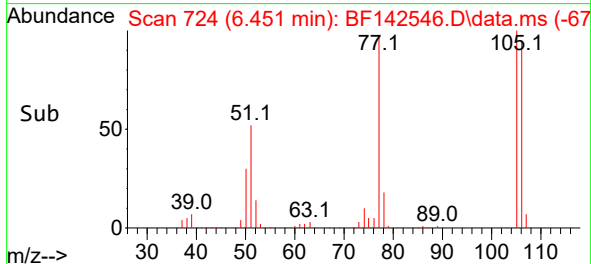
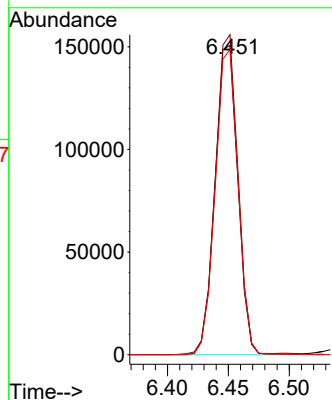
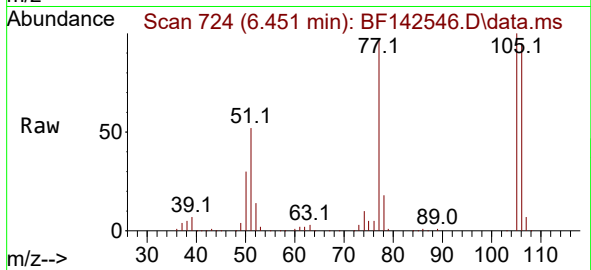




#9
Benzaldehyde
Concen: 36.360 ng
RT: 6.451 min Scan# 71
Delta R.T. 0.000 min
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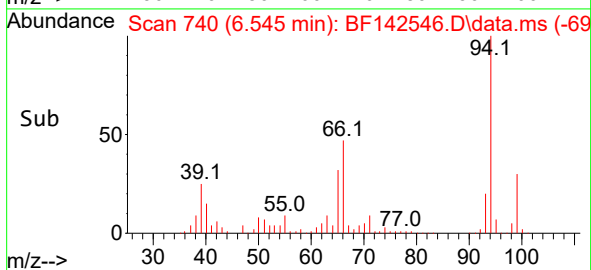
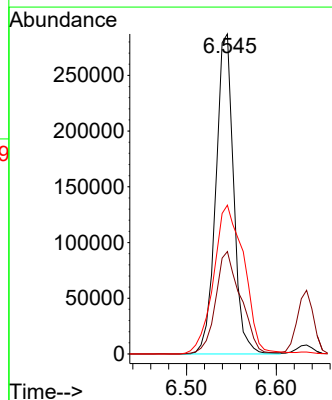
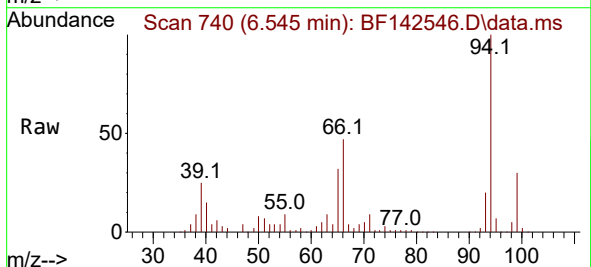
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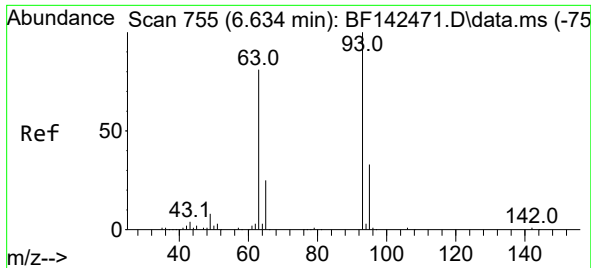
Tgt Ion: 77 Resp: 196529
Ion Ratio Lower Upper
77 100
105 103.5 82.5 122.5
106 98.7 80.0 120.0



#10
Phenol
Concen: 39.090 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion: 94 Resp: 395271
Ion Ratio Lower Upper
94 100
65 32.0 10.3 50.3
66 46.5 22.6 62.6

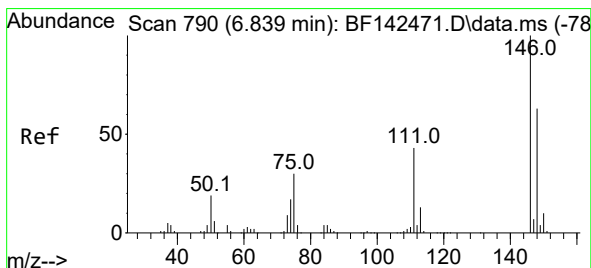
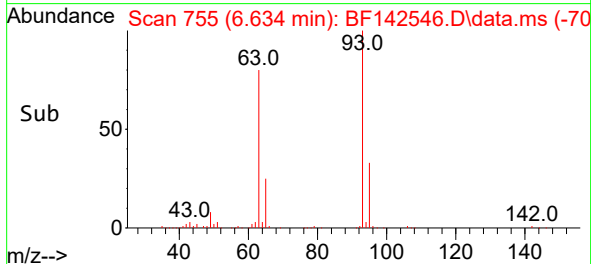
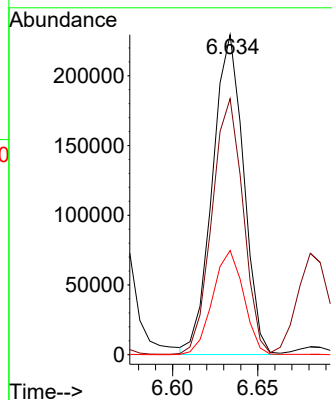
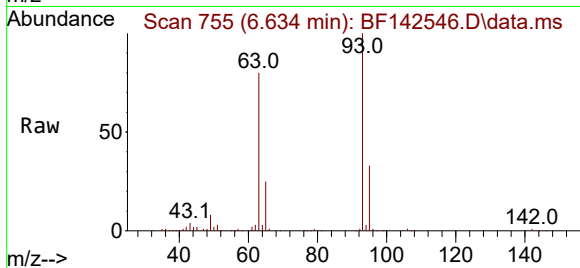




#11
bis(2-Chloroethyl)ether
Concen: 40.078 ng
RT: 6.634 min Scan# 711
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

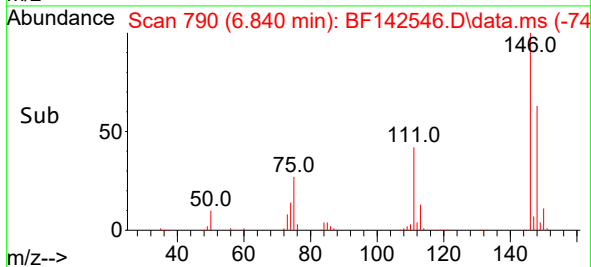
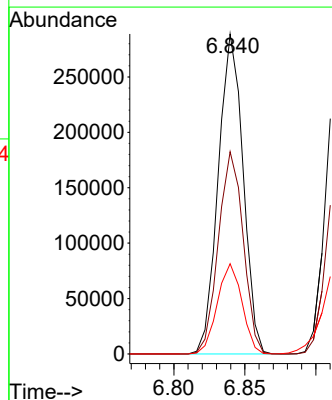
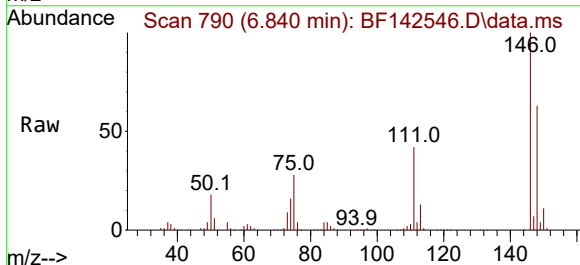
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

Tgt Ion: 93 Resp: 291719
Ion Ratio Lower Upper
93 100
63 80.0 60.2 100.2
95 32.6 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 38.690 ng
RT: 6.840 min Scan# 790
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:146 Resp: 351057
Ion Ratio Lower Upper
146 100
148 63.2 50.6 75.8
75 28.2 23.8 35.6

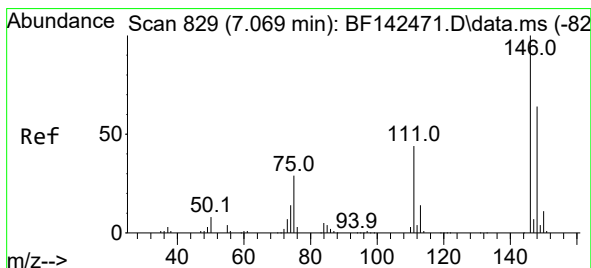
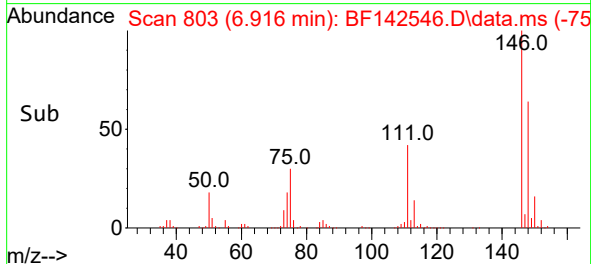
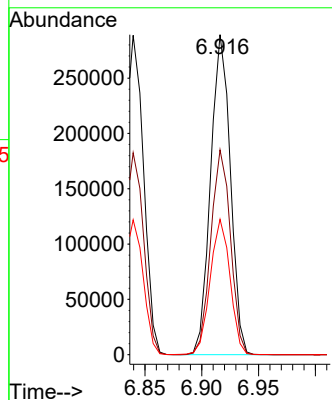
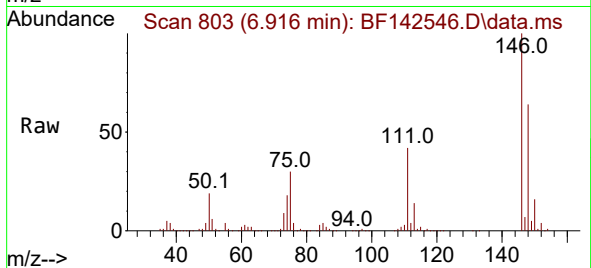




#13
1,4-Dichlorobenzene
Concen: 38.329 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

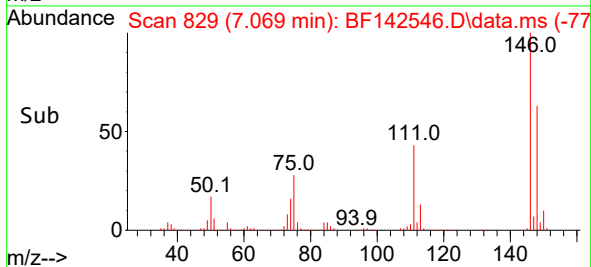
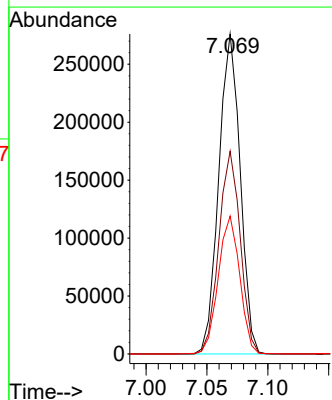
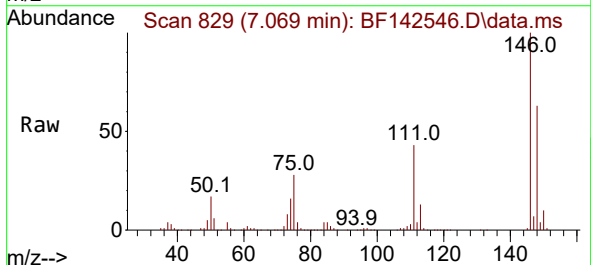
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

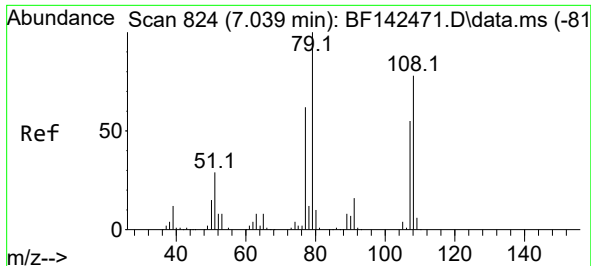
Tgt Ion:146 Resp: 350324
Ion Ratio Lower Upper
146 100
148 64.0 50.4 75.6
111 42.3 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 38.659 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:146 Resp: 338097
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.4
111 43.1 35.0 52.6

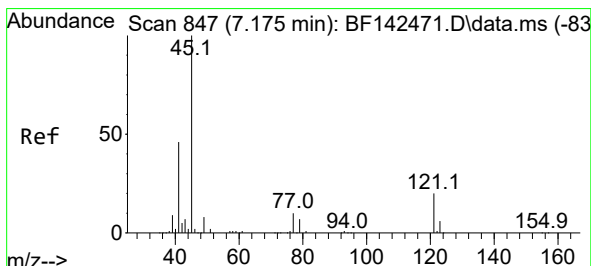
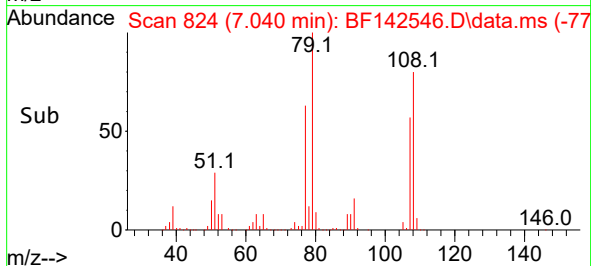
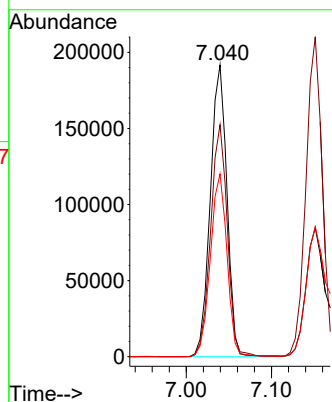
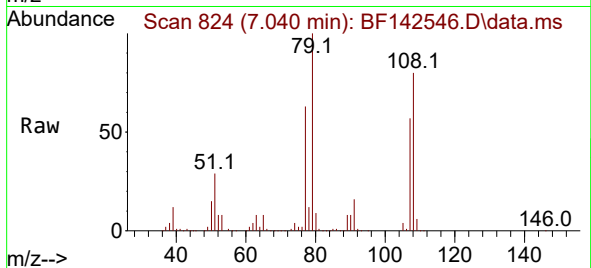




#15
Benzyl Alcohol
Concen: 39.092 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

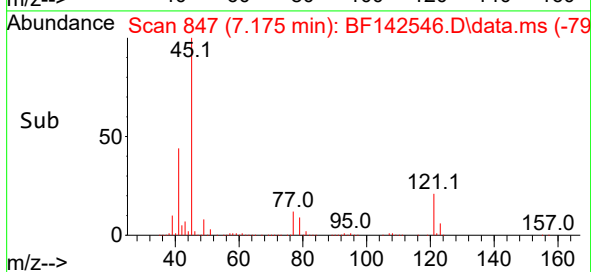
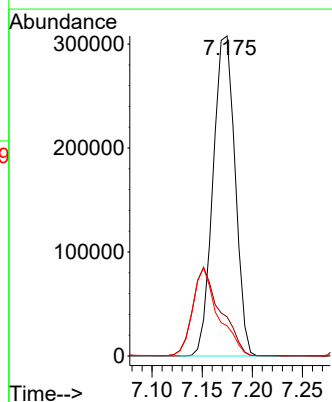
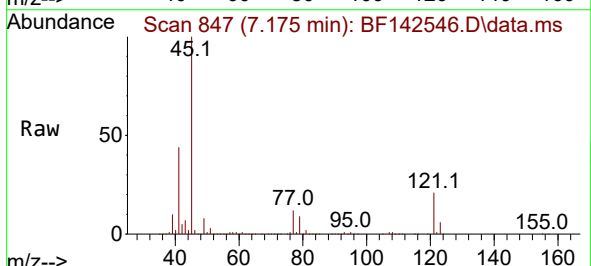
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

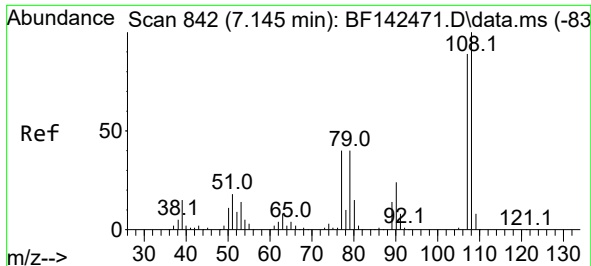
Tgt Ion: 79 Resp: 259615
Ion Ratio Lower Upper
79 100
108 79.5 62.1 93.1
77 62.6 49.5 74.3



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.529 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion: 45 Resp: 470964
Ion Ratio Lower Upper
45 100
77 12.3 0.0 32.0
79 9.4 0.0 29.2

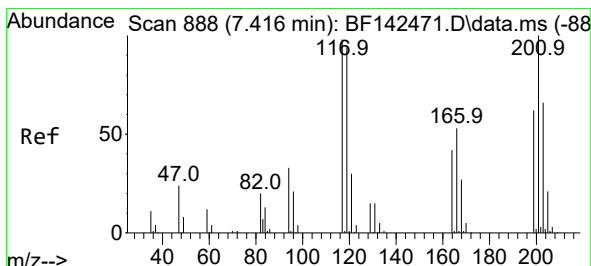
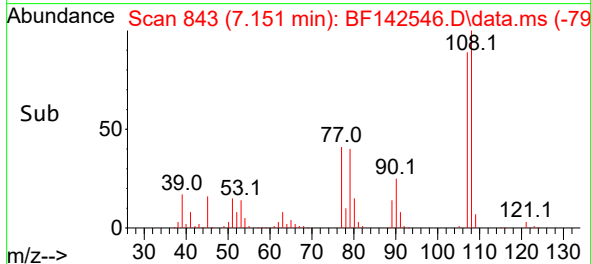
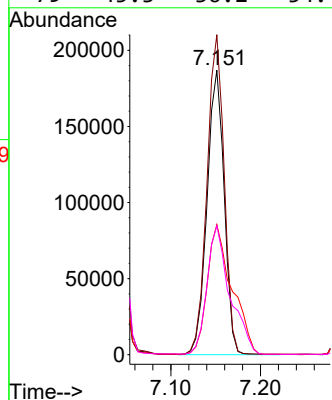
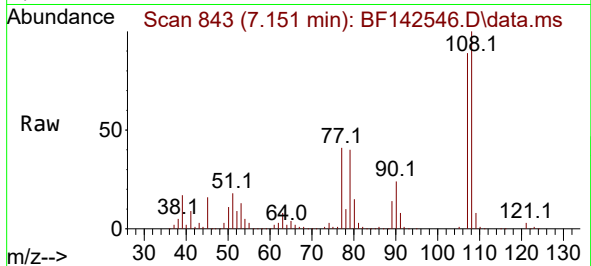




#17
2-Methylphenol
Concen: 39.164 ng
RT: 7.151 min Scan# 842
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

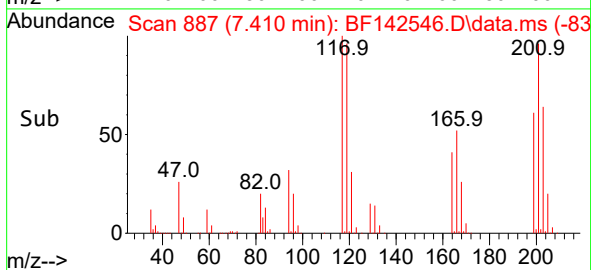
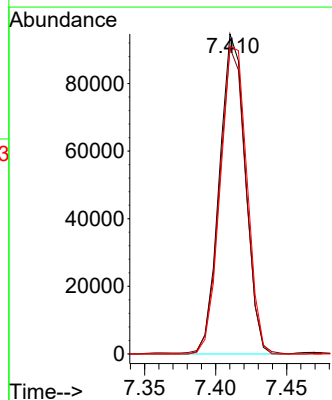
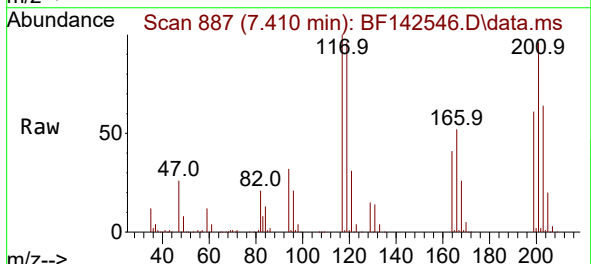
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

Tgt Ion:107 Resp: 248634
Ion Ratio Lower Upper
107 100
108 112.5 90.2 135.2
77 45.7 36.1 54.1
79 45.3 36.2 54.4



#18
Hexachloroethane
Concen: 37.620 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:117 Resp: 120062
Ion Ratio Lower Upper
117 100
119 95.7 76.6 114.8
201 96.1 81.3 121.9





#19

n-Nitroso-di-n-propylamine

Concen: 37.809 ng

RT: 7.310 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142546.D

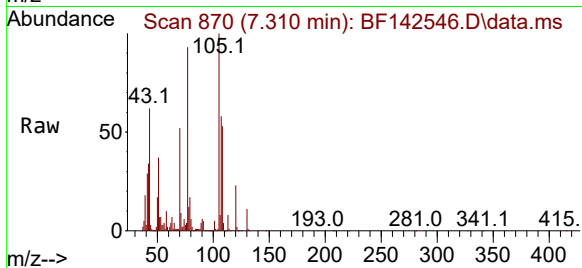
Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD



Tgt Ion: 70 Resp: 210574

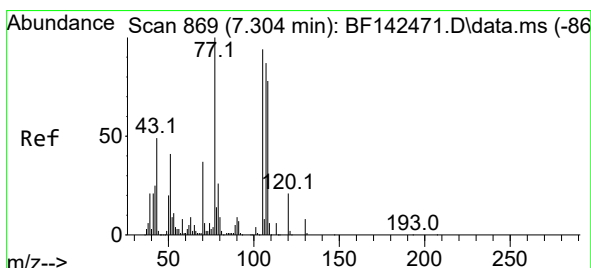
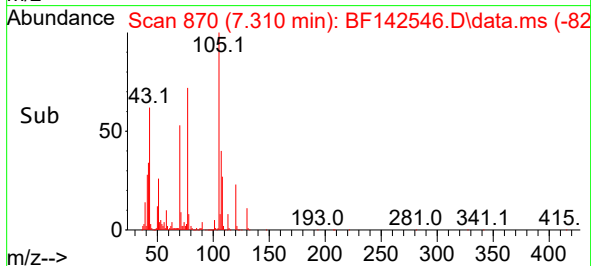
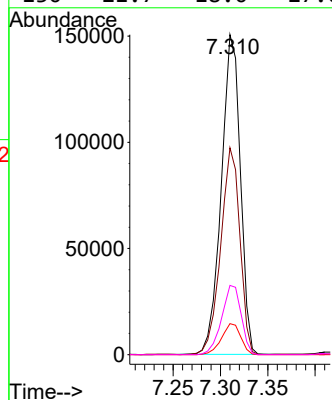
Ion Ratio Lower Upper

70 100

42 64.7 52.4 78.6

101 9.7 7.8 11.8

130 21.7 18.0 27.0



#20

3+4-Methylphenols

Concen: 37.673 ng

RT: 7.304 min Scan# 869

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Tgt Ion: 107 Resp: 306279

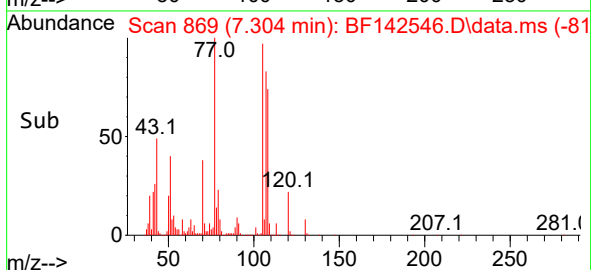
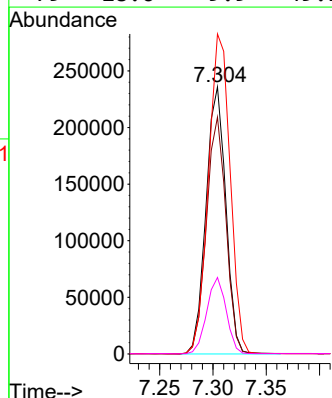
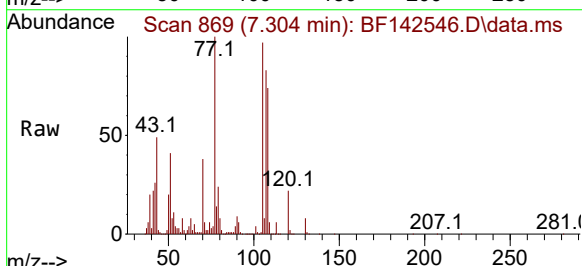
Ion Ratio Lower Upper

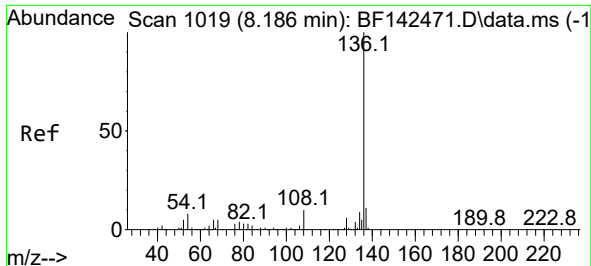
107 100

108 88.7 70.4 110.4

77 119.8 95.4 135.4

79 28.6 9.9 49.9



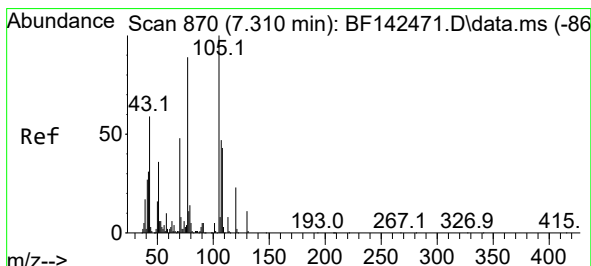
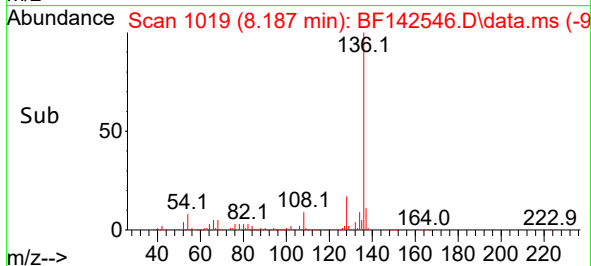
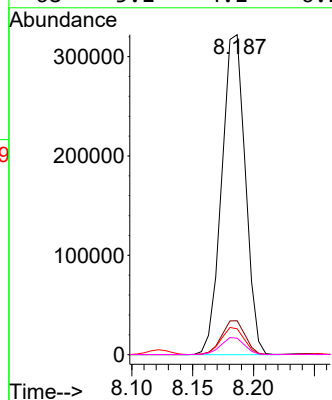
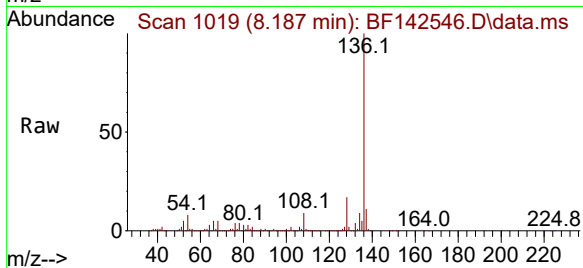


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

Tgt Ion:136 Resp: 433915

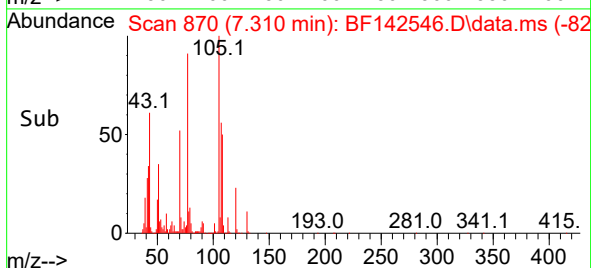
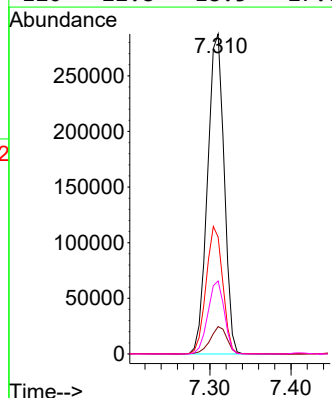
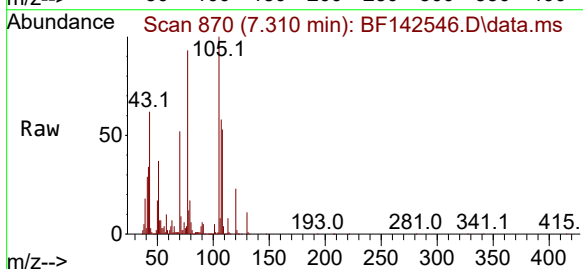
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.6	13.0
54	8.1	6.6	10.0
68	5.1	4.1	6.1

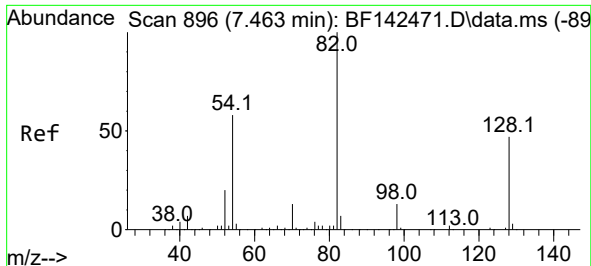


#22
Acetophenone
Concen: 42.375 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:105 Resp: 407031

Ion	Ratio	Lower	Upper
105	100		
71	8.5	6.4	9.6
51	36.6	28.6	42.8
120	22.8	18.5	27.7





#23

Nitrobenzene-d5

Concen: 60.149 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

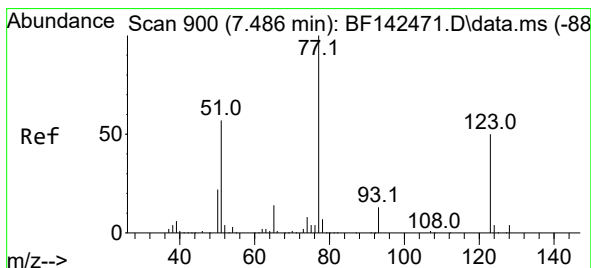
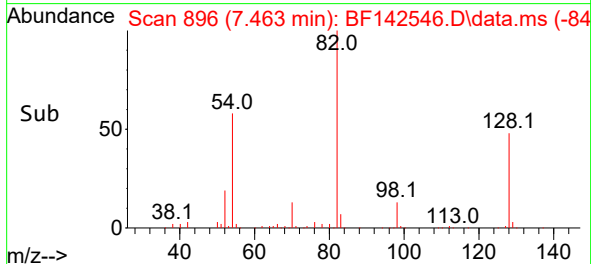
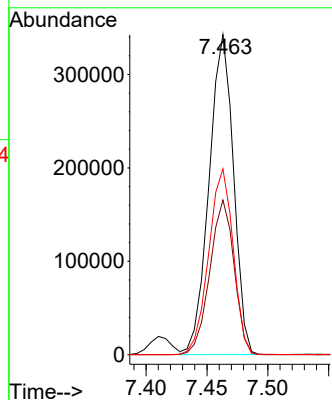
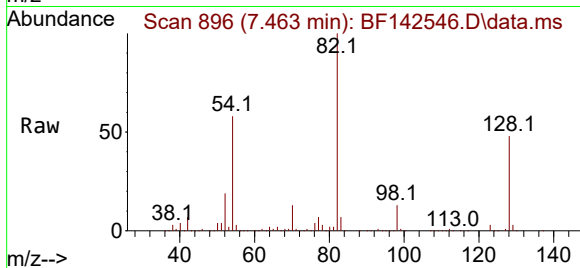
Tgt Ion: 82 Resp: 478640

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 58.1 46.6 70.0



#24

Nitrobenzene

Concen: 42.471 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

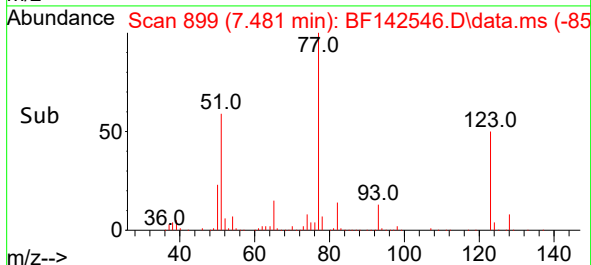
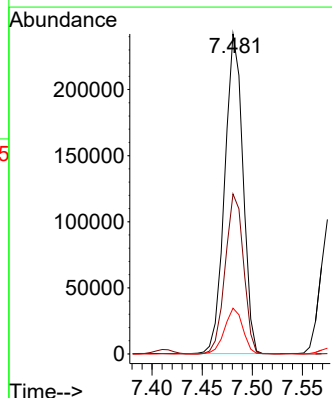
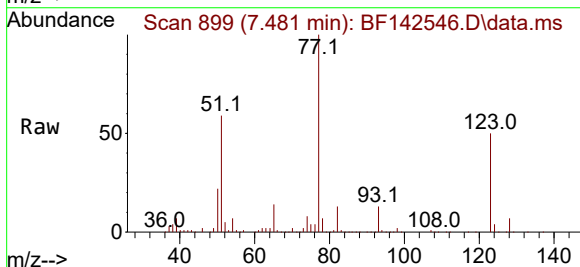
Tgt Ion: 77 Resp: 304815

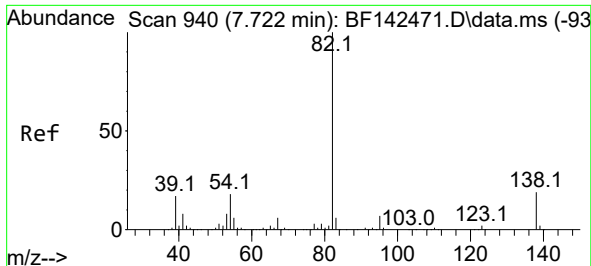
Ion Ratio Lower Upper

77 100

123 50.0 40.6 61.0

65 14.3 11.4 17.2

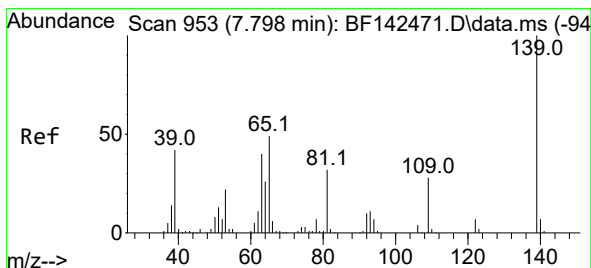
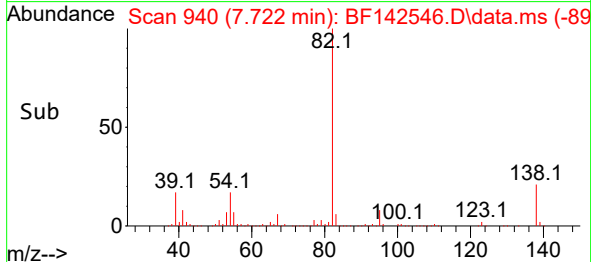
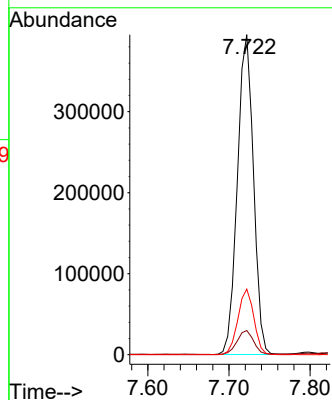
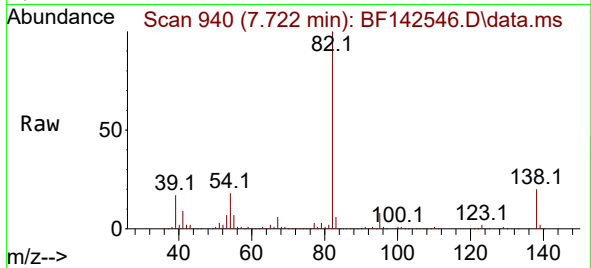




#25
Isophorone
Concen: 40.746 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

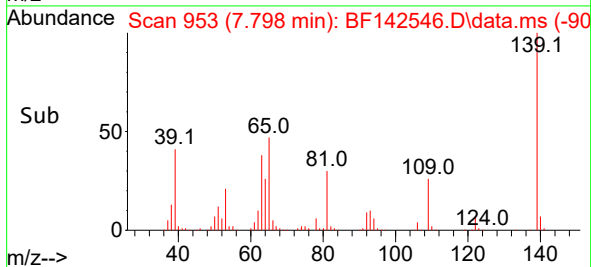
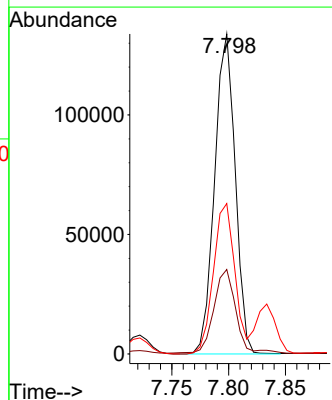
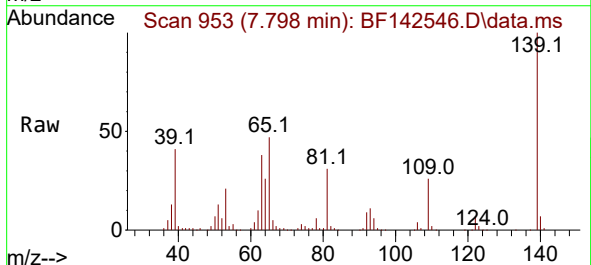
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

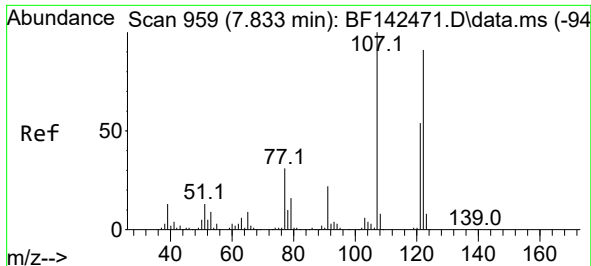
Tgt Ion: 82 Resp: 542109
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.5 15.5 23.3



#26
2-Nitrophenol
Concen: 44.023 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:139 Resp: 168825
Ion Ratio Lower Upper
139 100
109 26.4 22.6 33.8
65 47.0 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.450 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

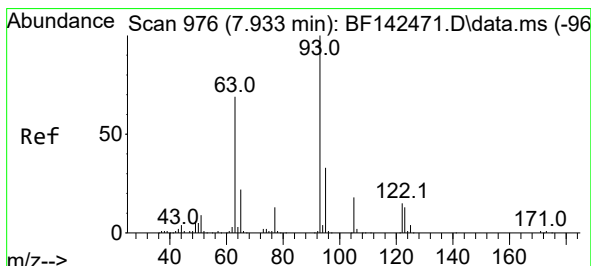
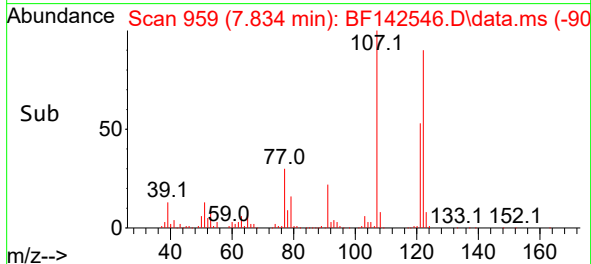
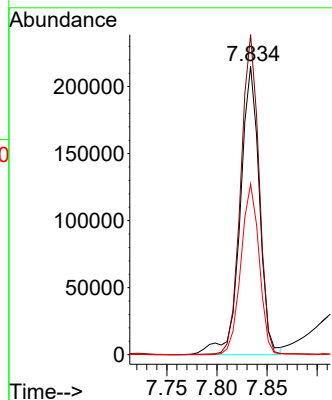
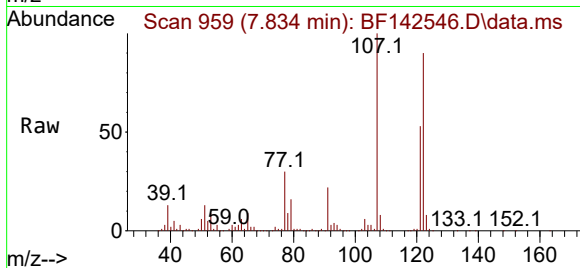
Tgt Ion:122 Resp: 287088

Ion Ratio Lower Upper

122 100

107 110.8 88.1 132.1

121 59.1 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.826 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

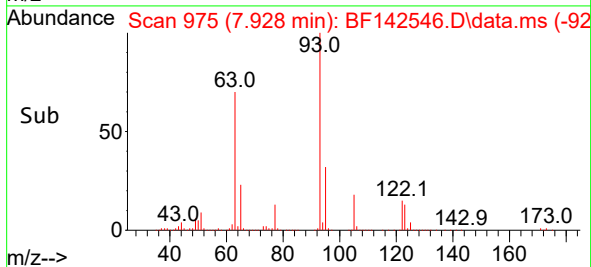
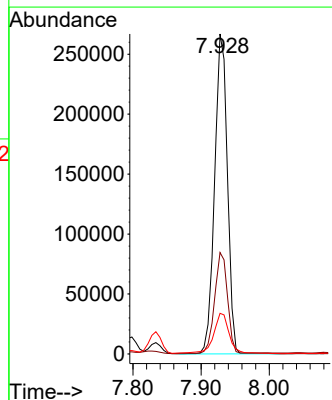
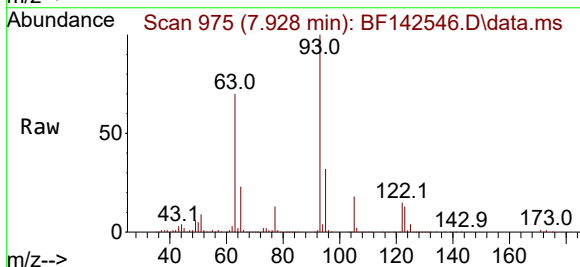
Tgt Ion: 93 Resp: 347613

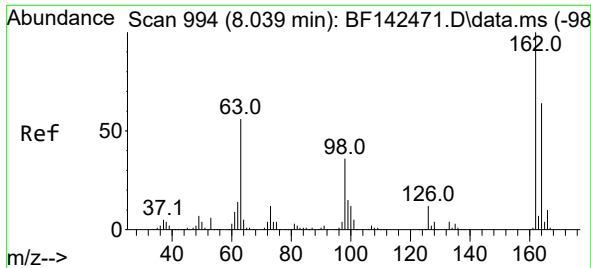
Ion Ratio Lower Upper

93 100

95 31.7 26.4 39.6

123 12.7 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 40.502 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142546.D

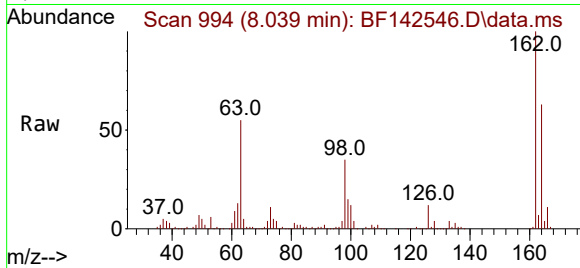
Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD



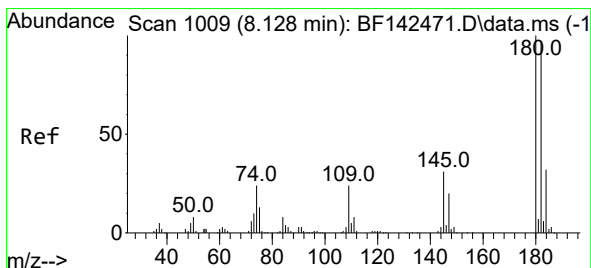
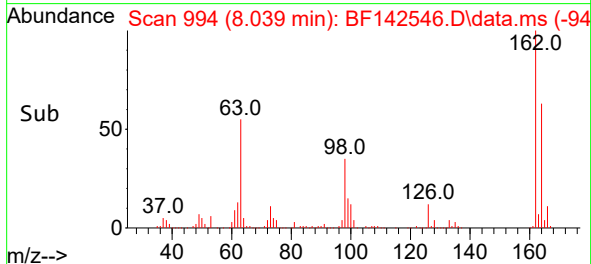
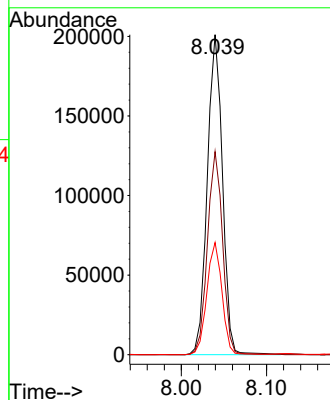
Tgt Ion:162 Resp: 249102

Ion Ratio Lower Upper

162 100

164 63.4 43.7 83.7

98 35.0 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.022 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

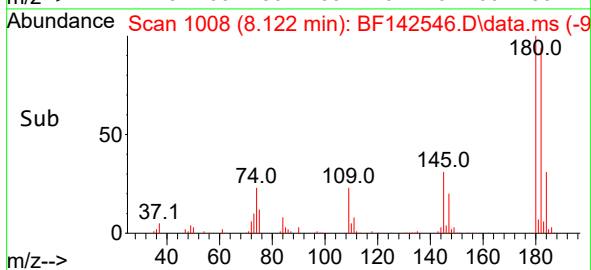
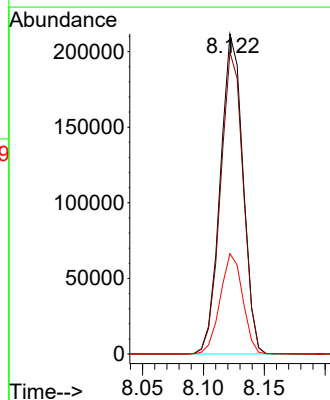
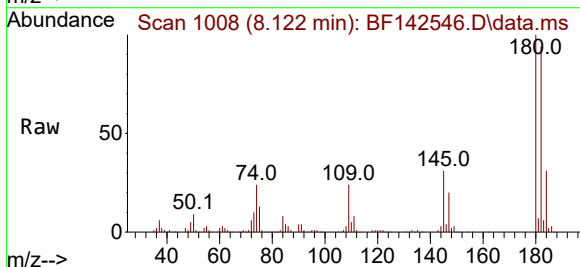
Tgt Ion:180 Resp: 273810

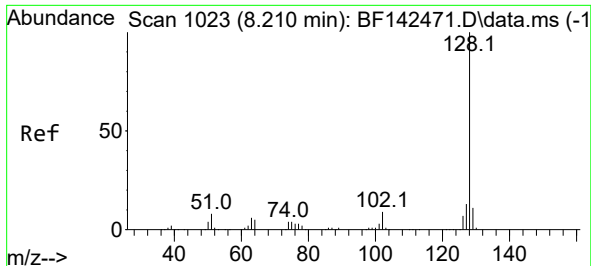
Ion Ratio Lower Upper

180 100

182 94.3 78.0 117.0

145 31.3 25.0 37.6

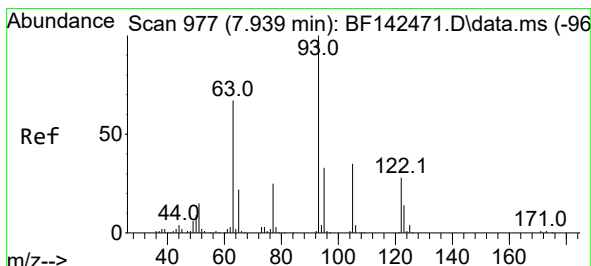
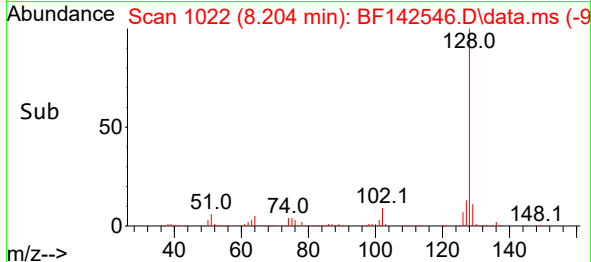
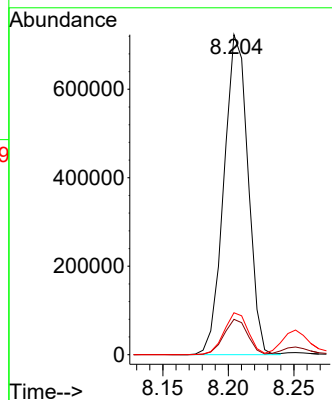
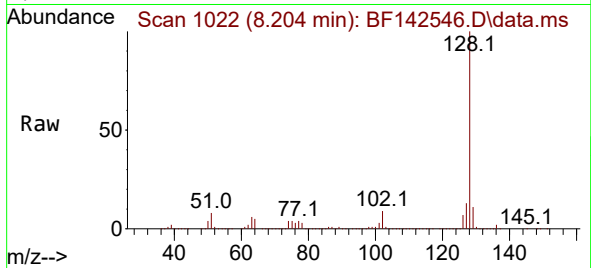




#31
Naphthalene
Concen: 43.284 ng
RT: 8.204 min Scan# 1023
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

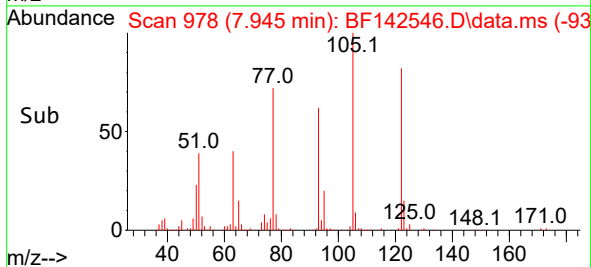
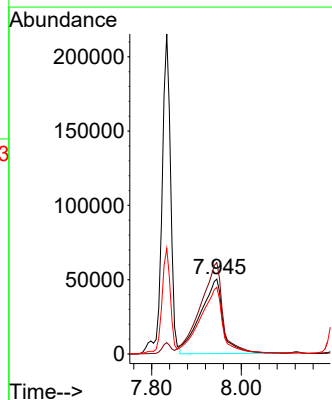
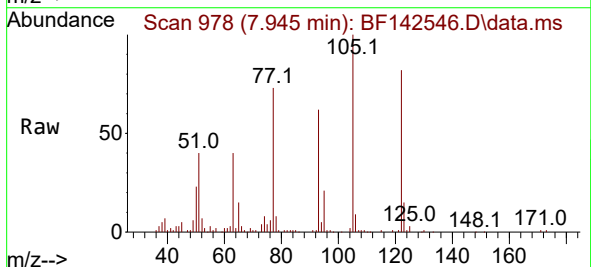
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

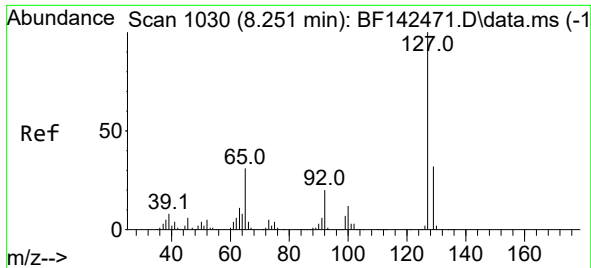
Tgt Ion:128 Resp: 924796
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.1 10.5 15.7



#32
Benzoic acid
Concen: 42.522 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:122 Resp: 175053
Ion Ratio Lower Upper
122 100
105 121.9 101.7 141.7
77 88.9 69.5 109.5

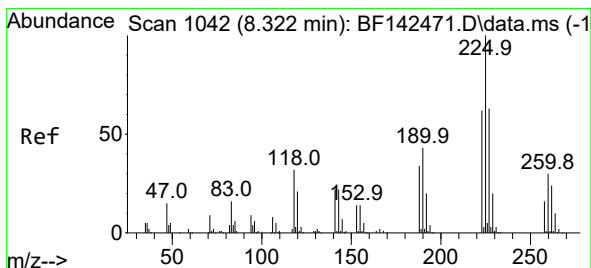
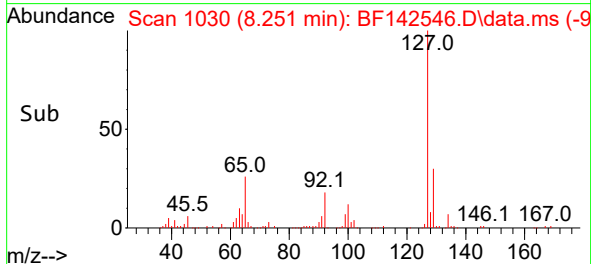
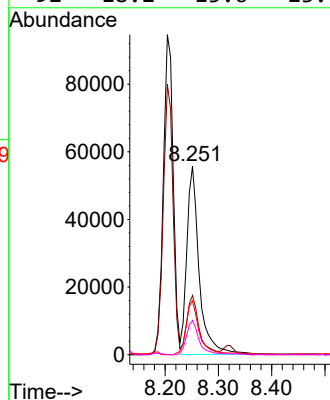
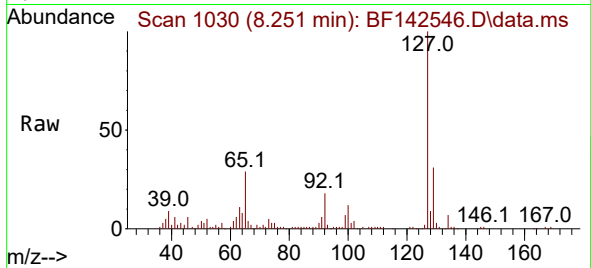




#33
4-Chloroaniline
Concen: 10.426 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

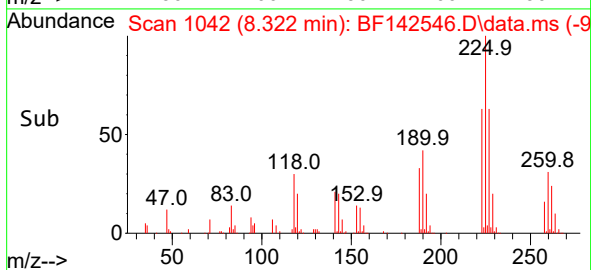
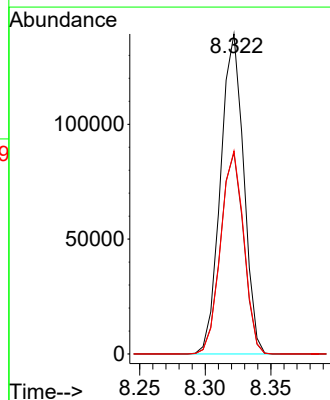
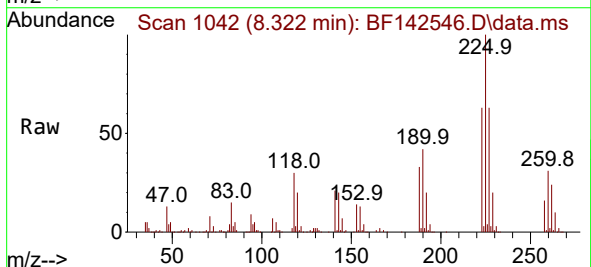
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

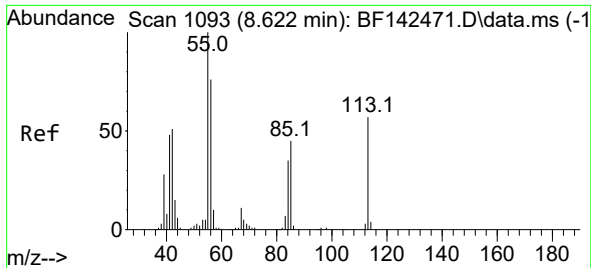
Tgt Ion:	127	Resp:	90260
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.1	39.1
65	28.6	24.9	37.3
92	18.2	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.913 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:	225	Resp:	170514
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	63.5	50.3	75.5

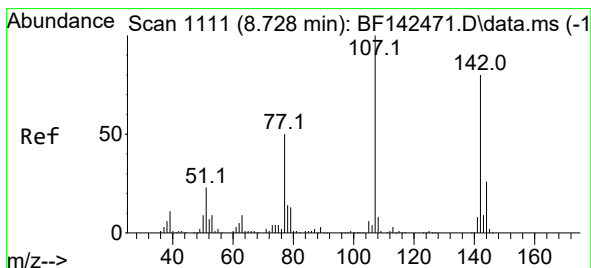
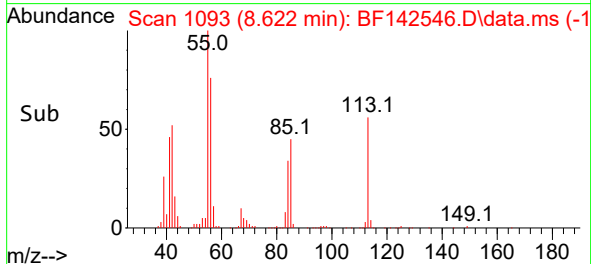
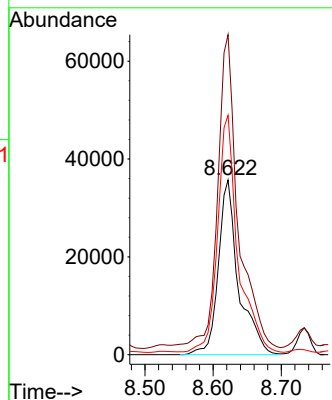
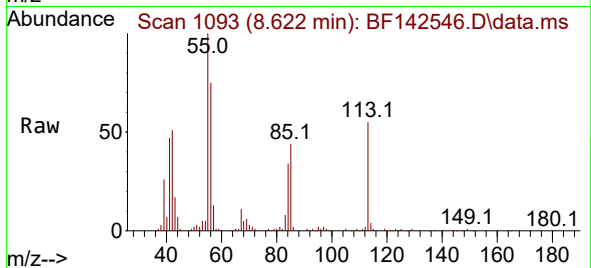




#35
 Caprolactam
 Concen: 42.698 ng
 RT: 8.622 min Scan# 1093
 Delta R.T. -0.023 min
 Lab File: BF142546.D
 Acq: 23 May 2025 20:25

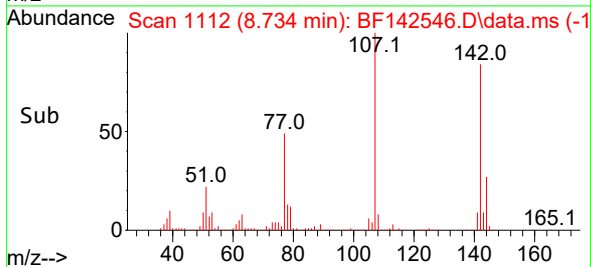
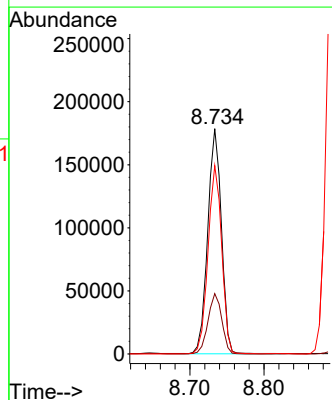
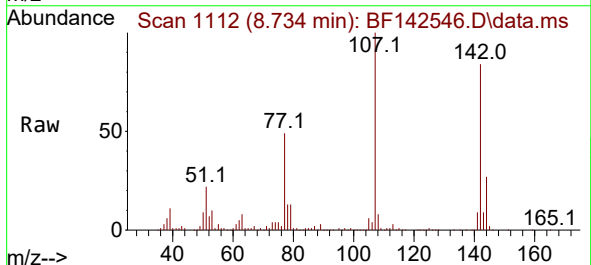
Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMSD

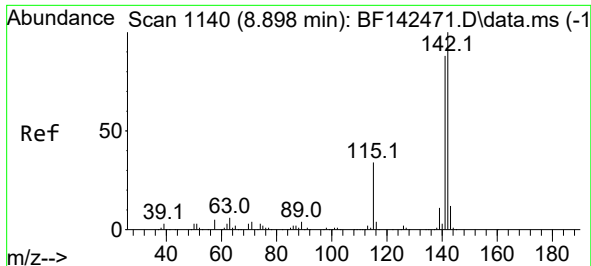
Tgt Ion:113 Resp: 73755
 Ion Ratio Lower Upper
 113 100
 55 183.2 154.7 194.7
 56 137.0 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 36.399 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142546.D
 Acq: 23 May 2025 20:25

Tgt Ion:107 Resp: 229426
 Ion Ratio Lower Upper
 107 100
 144 26.8 20.9 31.3
 142 83.6 64.2 96.2

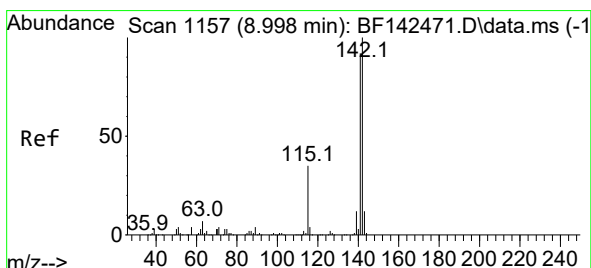
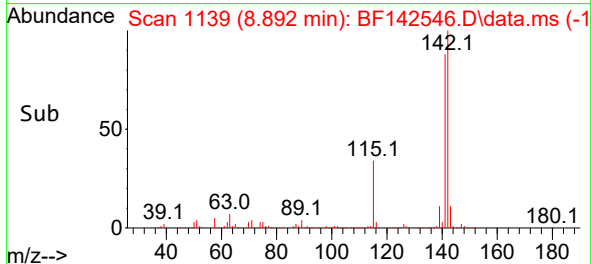
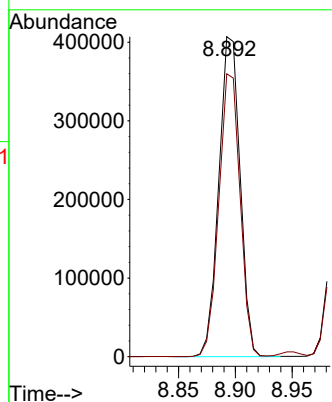
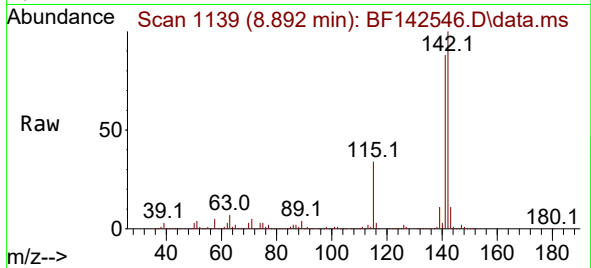




#37
2-Methylnaphthalene
Concen: 39.586 ng
RT: 8.892 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

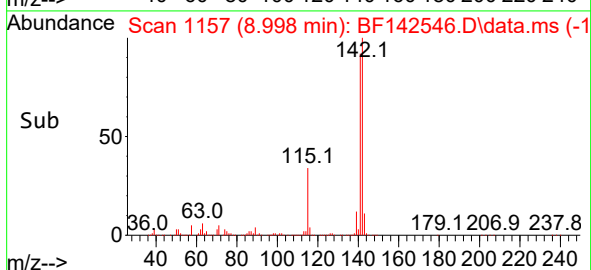
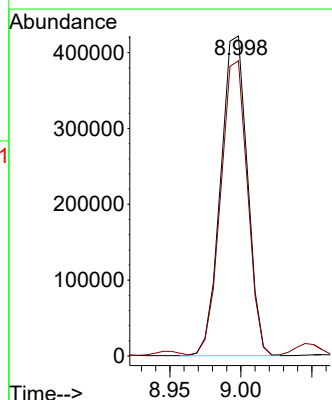
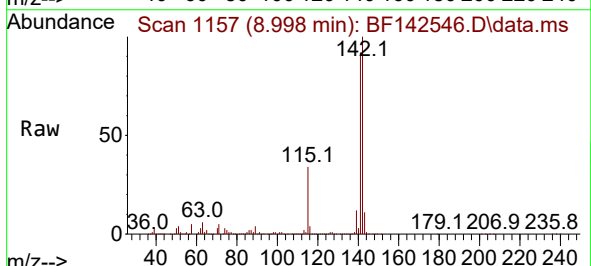
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

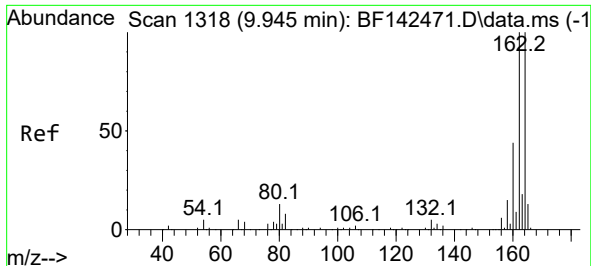
Tgt Ion:142 Resp: 532108
Ion Ratio Lower Upper
142 100
141 88.4 70.7 106.1



#38
1-Methylnaphthalene
Concen: 39.733 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:142 Resp: 552439
Ion Ratio Lower Upper
142 100
141 92.2 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 1167

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

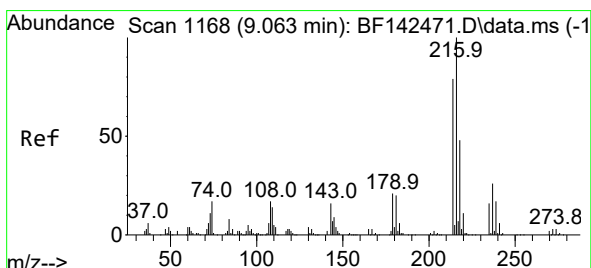
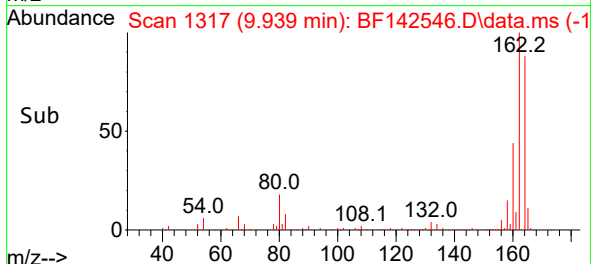
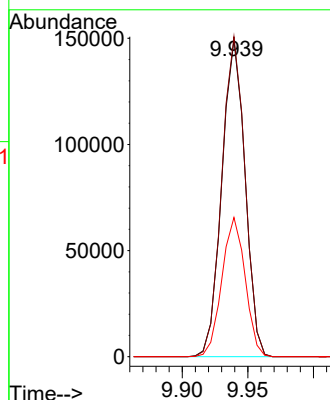
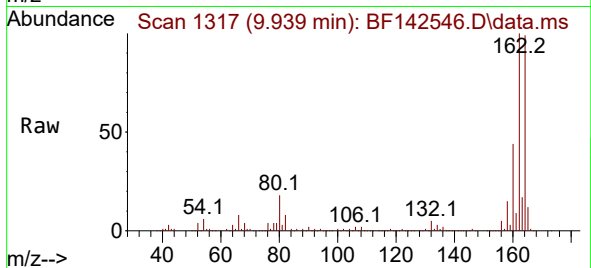
Tgt Ion:164 Resp: 183522

Ion Ratio Lower Upper

164 100

162 101.1 80.2 120.4

160 44.0 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 46.860 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Tgt Ion:216 Resp: 246863

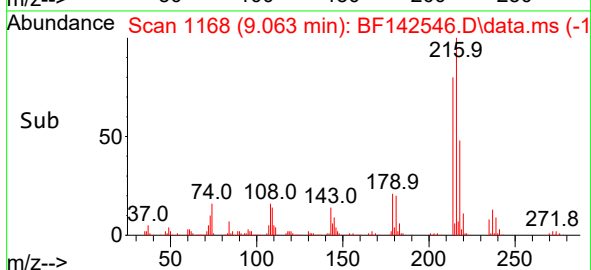
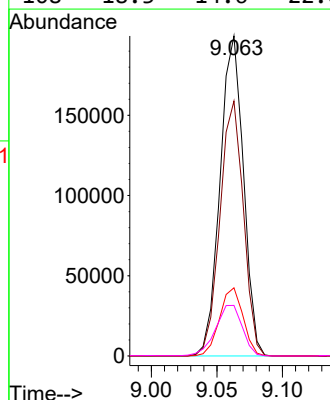
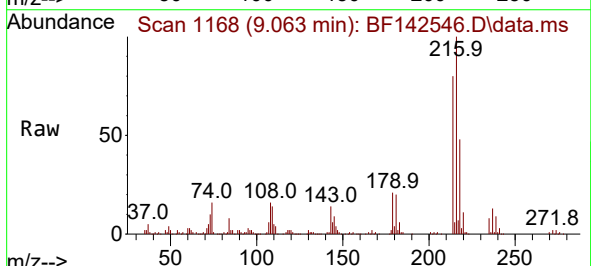
Ion Ratio Lower Upper

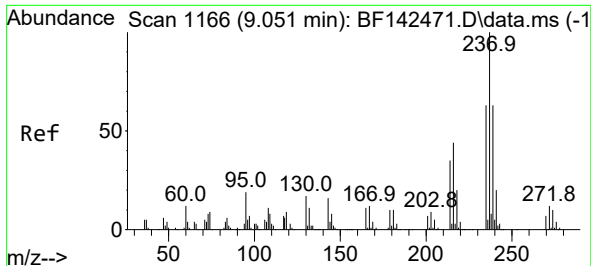
216 100

214 79.8 62.9 94.3

179 21.5 16.9 25.3

108 18.3 14.6 22.0

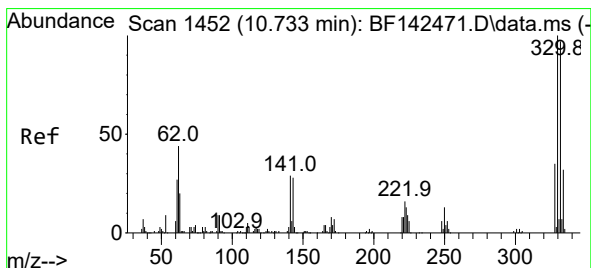
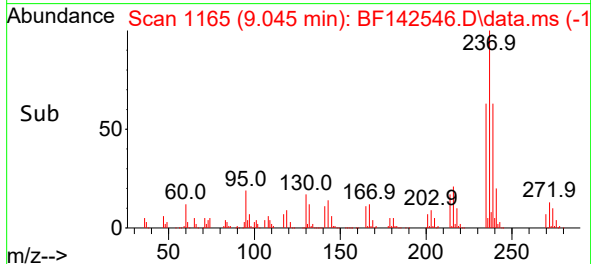
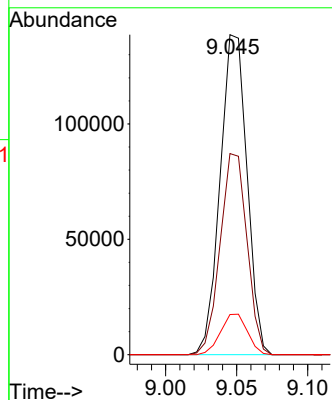
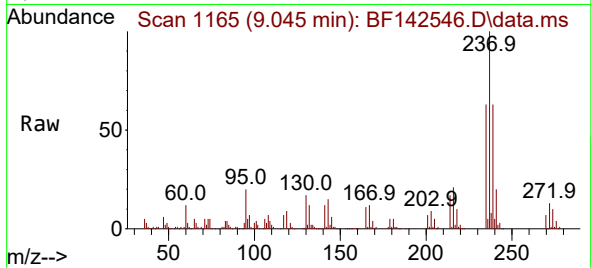




#41
Hexachlorocyclopentadiene
Concen: 51.365 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

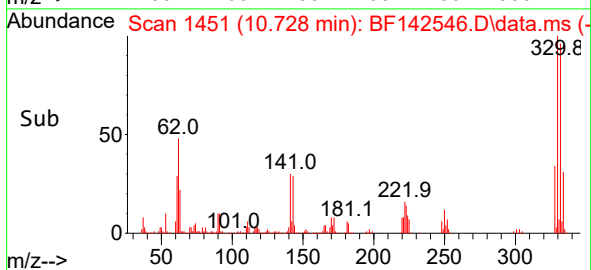
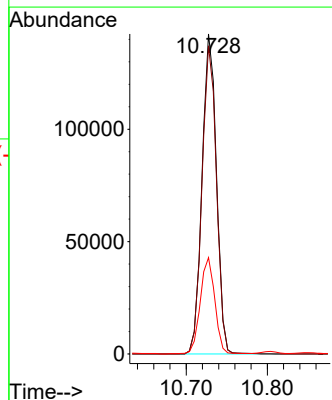
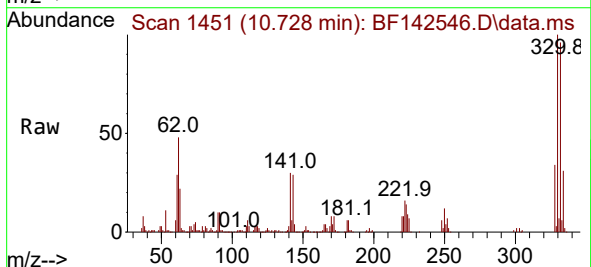
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

Tgt Ion:237 Resp: 182543
Ion Ratio Lower Upper
237 100
235 62.9 43.3 83.3
272 12.6 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 86.062 ng
RT: 10.728 min Scan# 1451
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:330 Resp: 175296
Ion Ratio Lower Upper
330 100
332 96.5 77.6 116.4
141 30.6 24.6 36.8





#43

2,4,6-Trichlorophenol

Concen: 45.762 ng

RT: 9.175 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

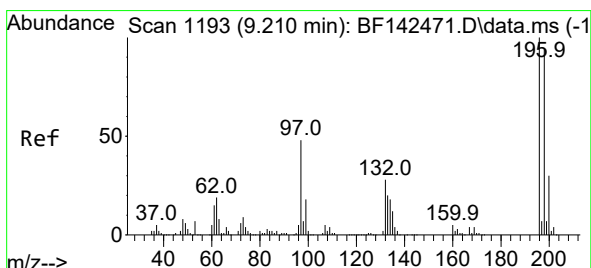
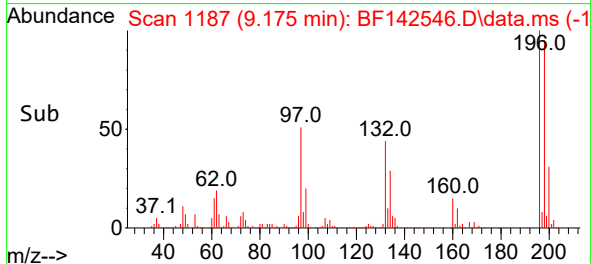
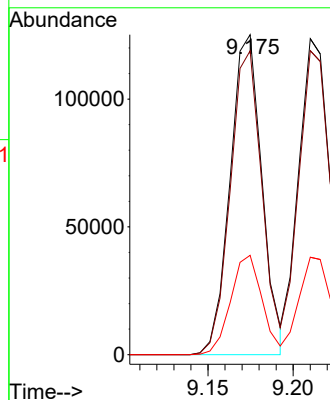
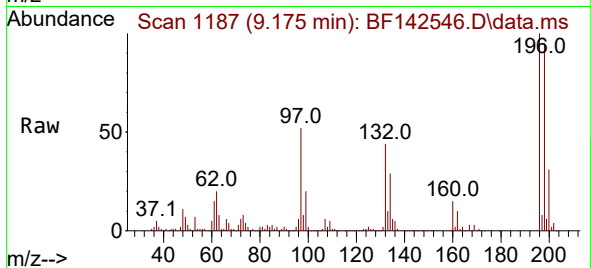
Tgt Ion:196 Resp: 162563

Ion Ratio Lower Upper

196 100

198 95.0 78.8 118.2

200 31.0 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 42.283 ng

RT: 9.210 min Scan# 1193

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Tgt Ion:196 Resp: 158413

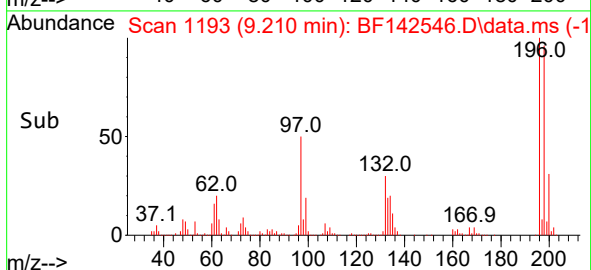
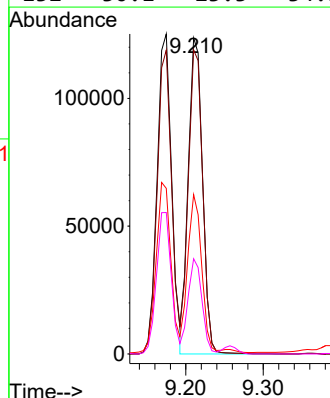
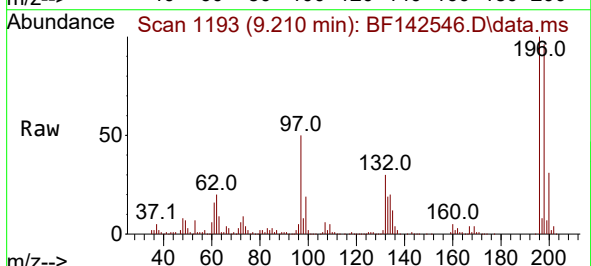
Ion Ratio Lower Upper

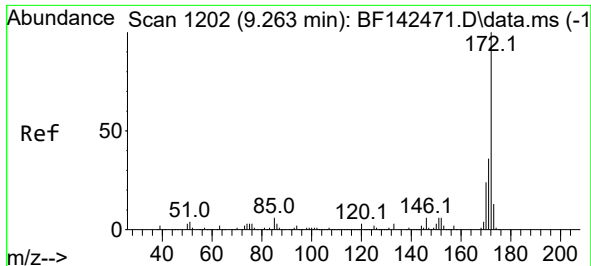
196 100

198 96.2 75.5 113.3

97 50.5 39.3 58.9

132 30.1 23.3 34.9





#45

2-Fluorobiphenyl

Concen: 64.700 ng

RT: 9.257 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

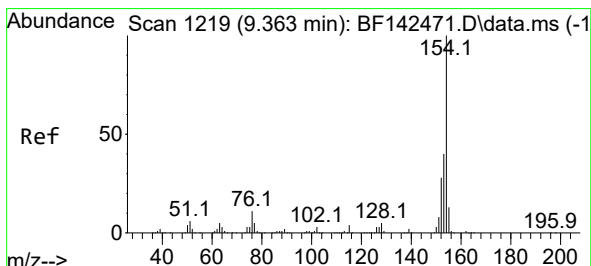
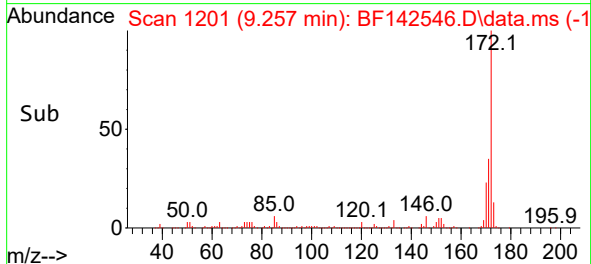
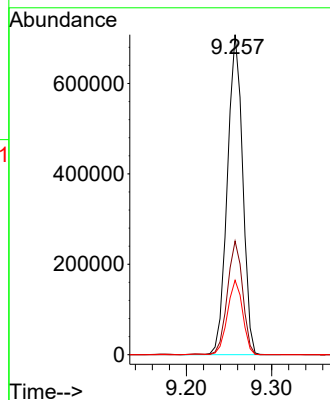
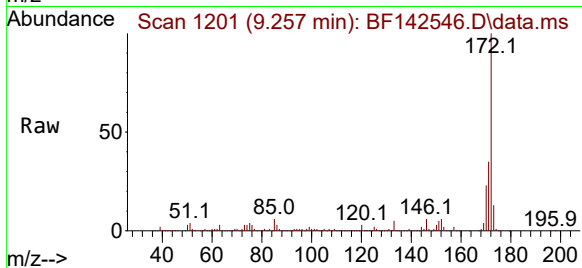
Tgt Ion:172 Resp: 884875

Ion Ratio Lower Upper

172 100

171 35.5 28.6 42.8

170 23.3 18.9 28.3



#46

1,1'-Biphenyl

Concen: 46.966 ng

RT: 9.357 min Scan# 1218

Delta R.T. -0.012 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

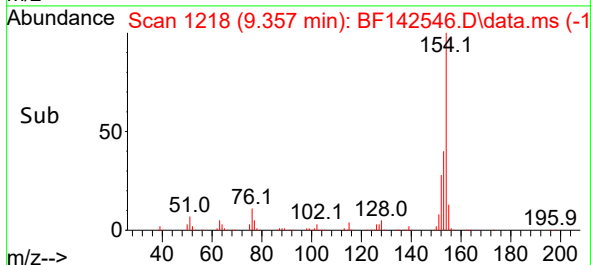
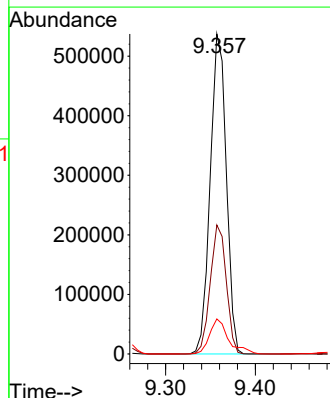
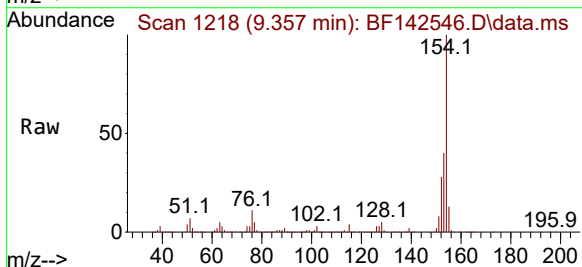
Tgt Ion:154 Resp: 668708

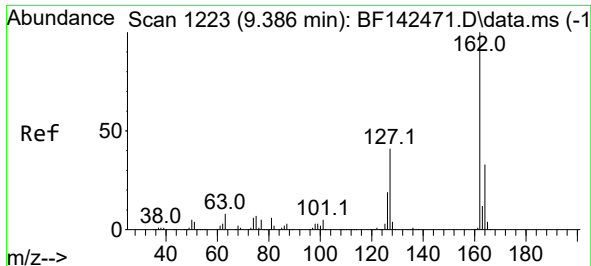
Ion Ratio Lower Upper

154 100

153 40.3 20.4 60.4

76 10.9 0.0 30.8

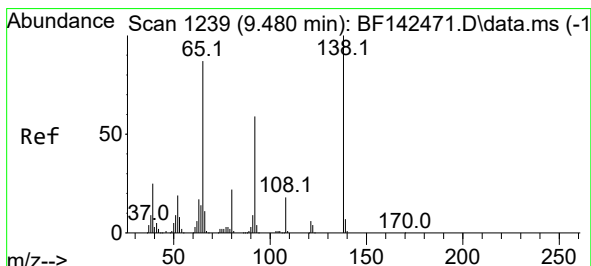
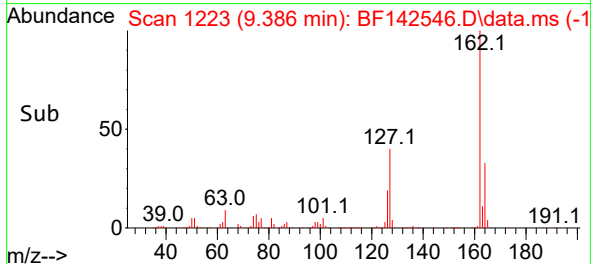
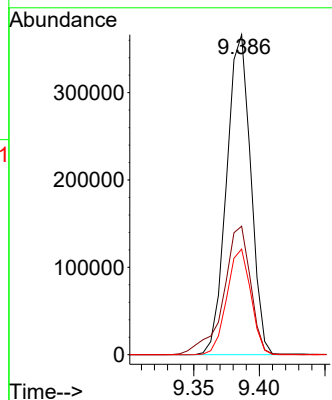
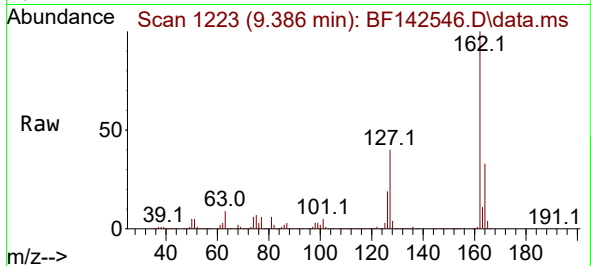




#47
2-Chloronaphthalene
Concen: 44.526 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

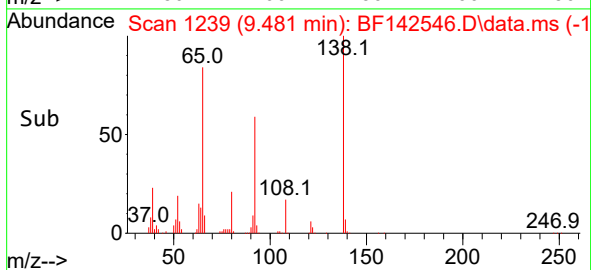
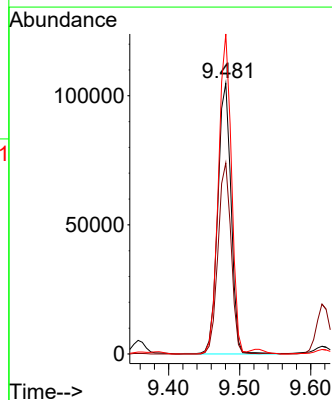
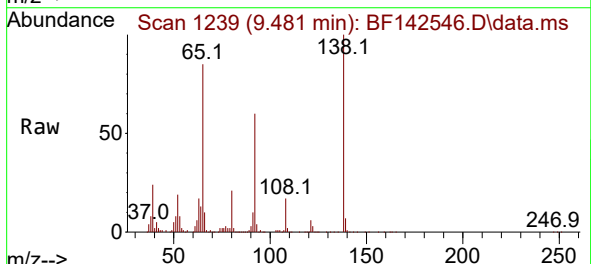
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

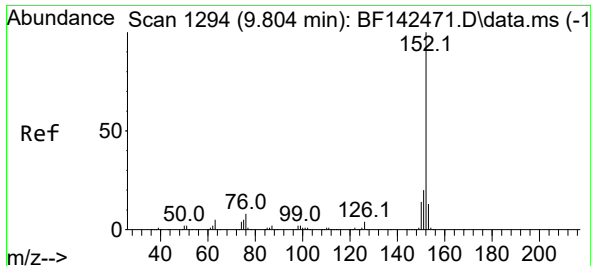
Tgt Ion:162 Resp: 468397
Ion Ratio Lower Upper
162 100
127 40.2 33.5 50.3
164 33.0 26.1 39.1



#48
2-Nitroaniline
Concen: 44.754 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion: 65 Resp: 136079
Ion Ratio Lower Upper
65 100
92 70.5 54.4 81.6
138 118.2 91.4 137.2

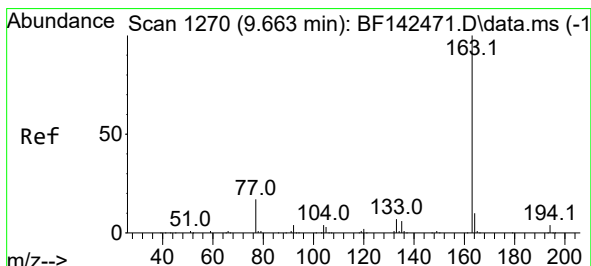
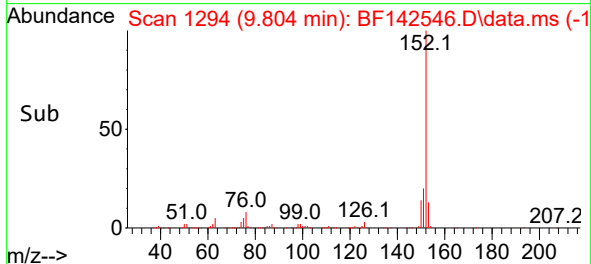
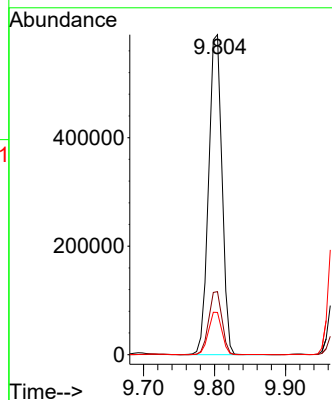
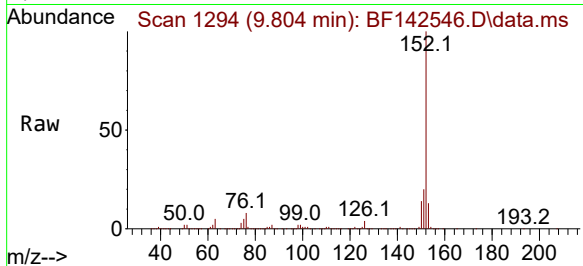




#49
Acenaphthylene
Concen: 43.542 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

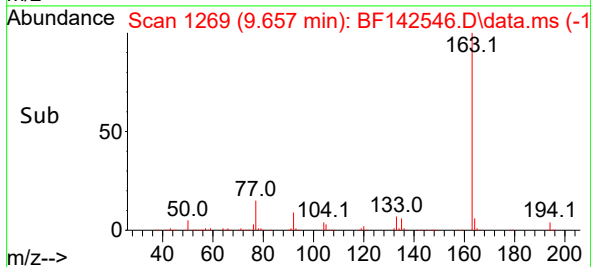
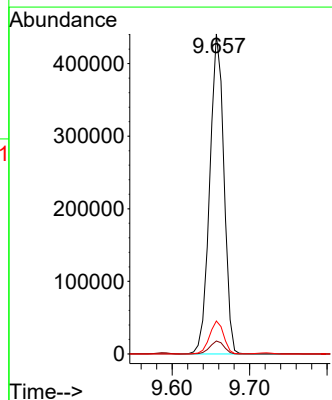
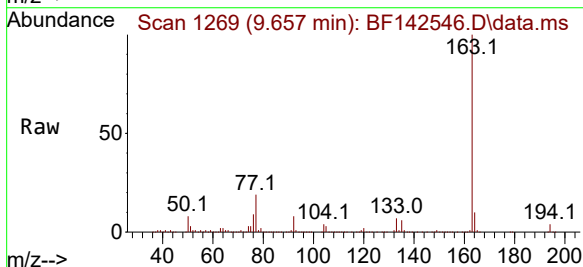
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

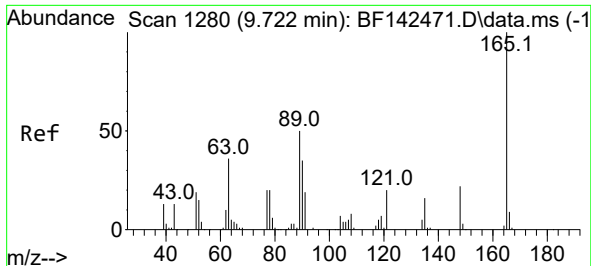
Tgt Ion:152 Resp: 773447
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.8
153 13.2 10.6 15.8



#50
Dimethylphthalate
Concen: 46.264 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:163 Resp: 560234
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 10.3 8.2 12.4

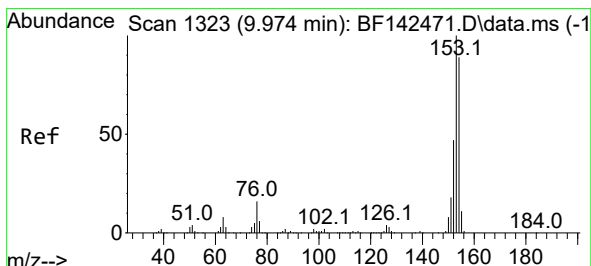
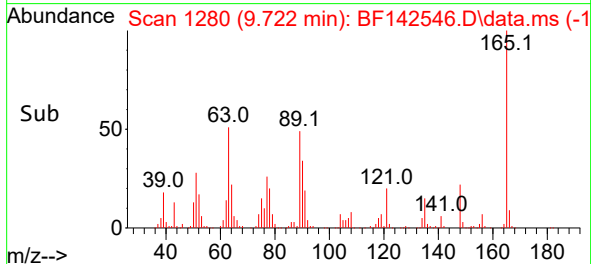
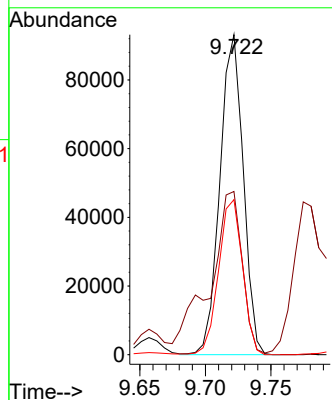
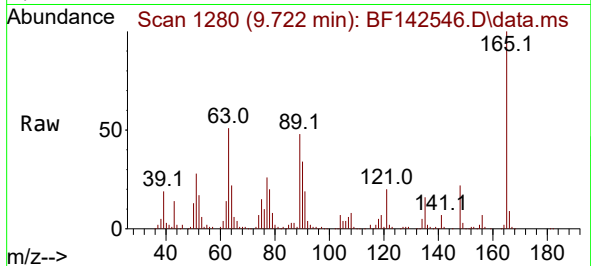




#51
2,6-Dinitrotoluene
Concen: 44.114 ng
RT: 9.722 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

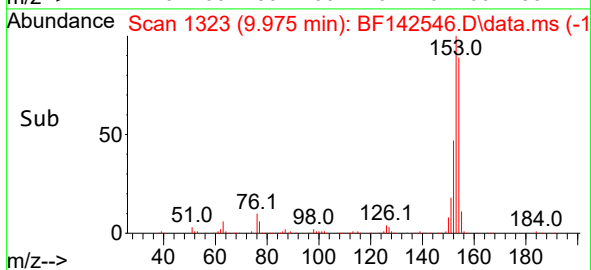
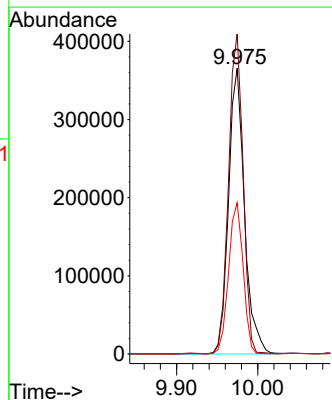
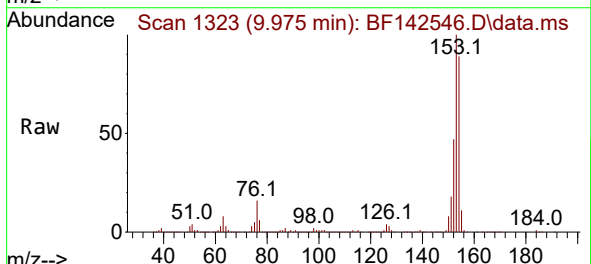
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

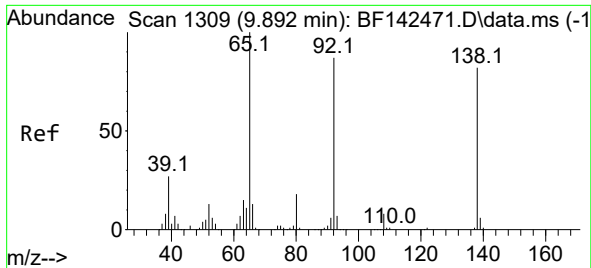
Tgt Ion:165 Resp: 115296
Ion Ratio Lower Upper
165 100
63 51.0 42.9 64.3
89 48.5 40.2 60.4



#52
Acenaphthene
Concen: 46.004 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:154 Resp: 498983
Ion Ratio Lower Upper
154 100
153 112.0 90.0 135.0
152 52.9 42.6 64.0

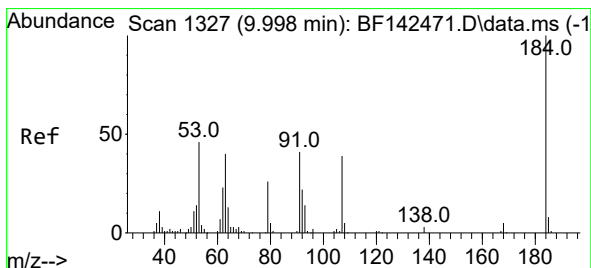
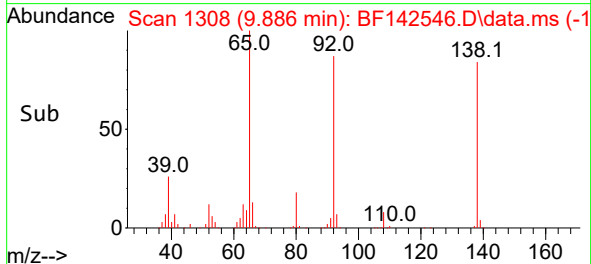
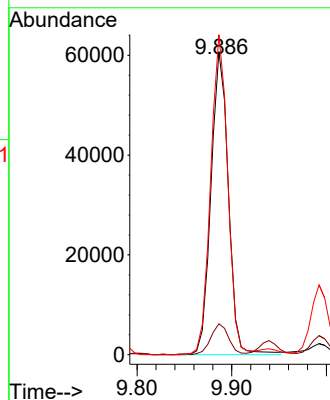
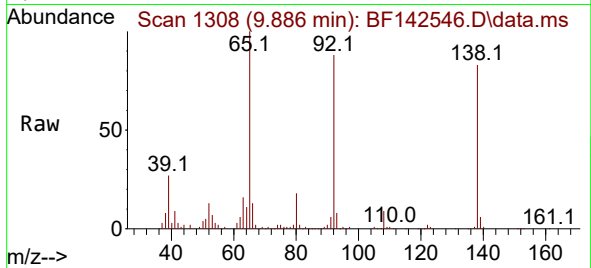




#53
3-Nitroaniline
Concen: 27.068 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

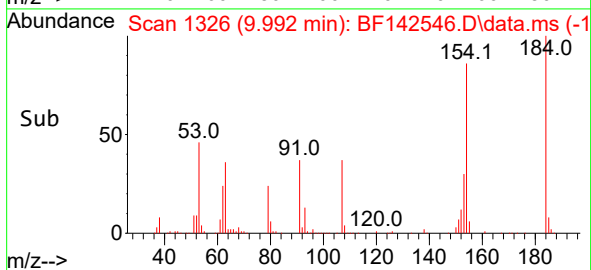
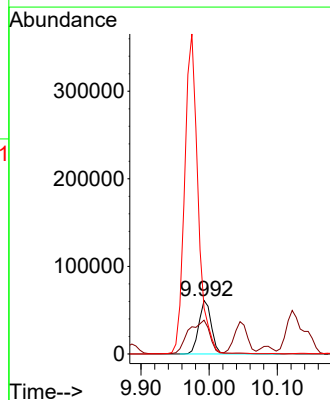
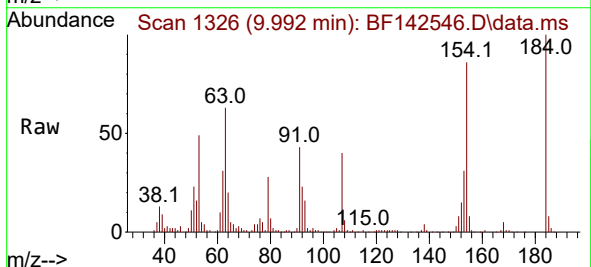
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

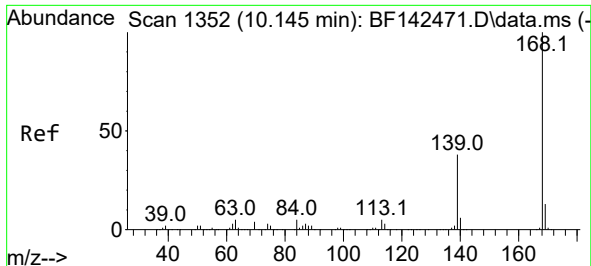
Tgt Ion:138 Resp: 77270
Ion Ratio Lower Upper
138 100
108 10.2 8.1 12.1
92 105.6 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 58.025 ng
RT: 9.992 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:184 Resp: 78350
Ion Ratio Lower Upper
184 100
63 63.3 46.3 69.5
154 86.3 56.8 85.2#

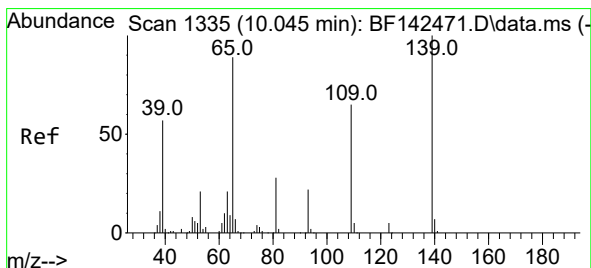
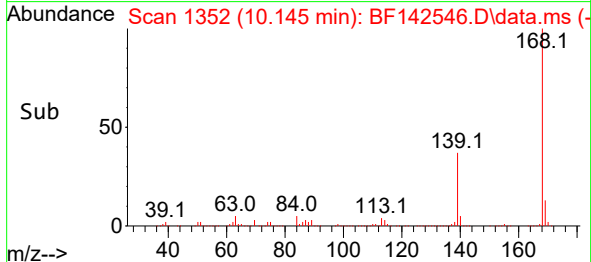
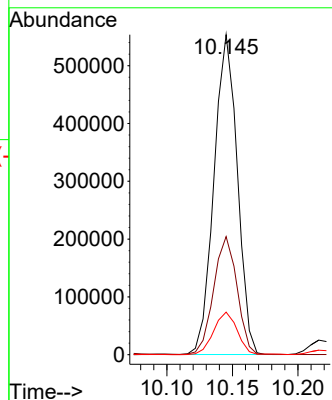
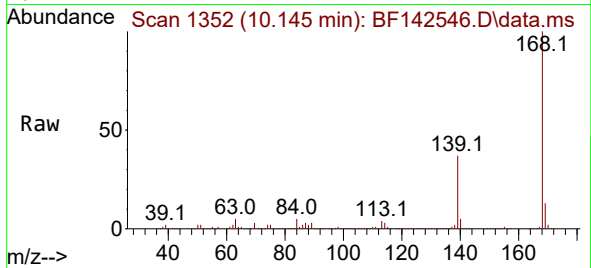




#55
Dibenzenofuran
Concen: 43.792 ng
RT: 10.145 min Scan# 1352
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

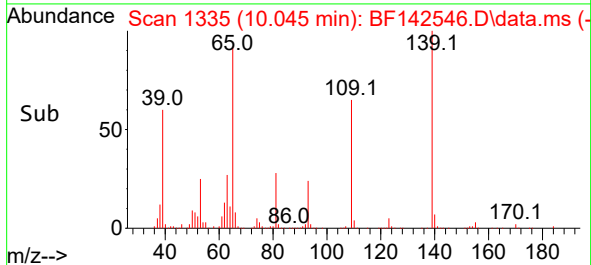
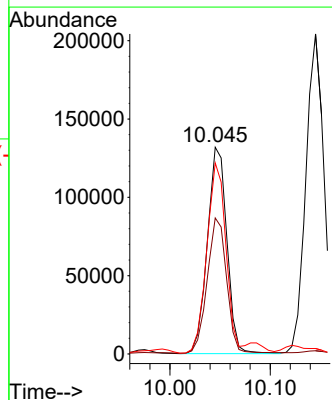
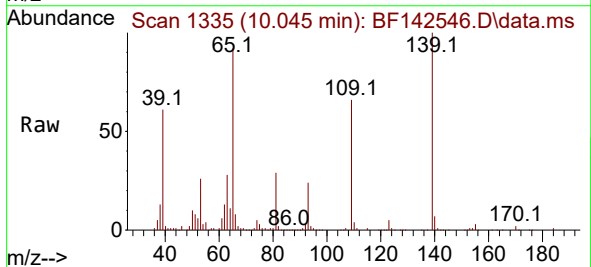
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

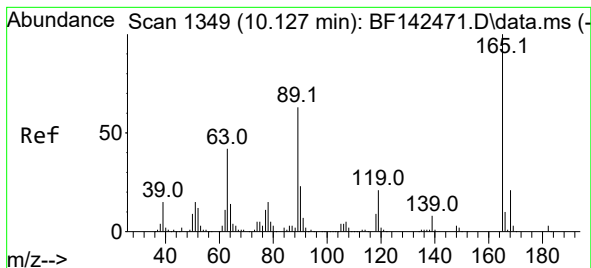
Tgt Ion:168 Resp: 683520
Ion Ratio Lower Upper
168 100
139 36.9 30.2 45.2
169 13.3 10.7 16.1



#56
4-Nitrophenol
Concen: 84.915 ng
RT: 10.045 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:139 Resp: 178857
Ion Ratio Lower Upper
139 100
109 65.8 45.1 85.1
65 92.5 69.7 109.7

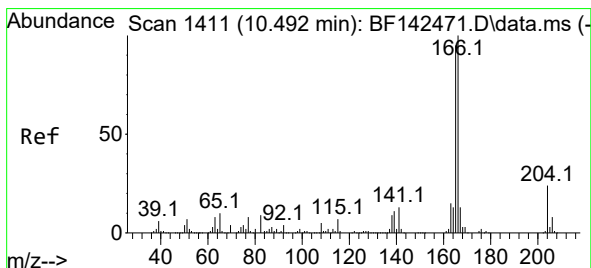
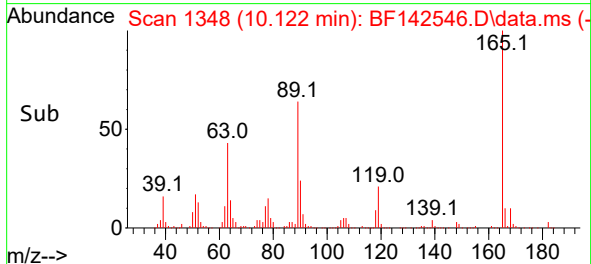
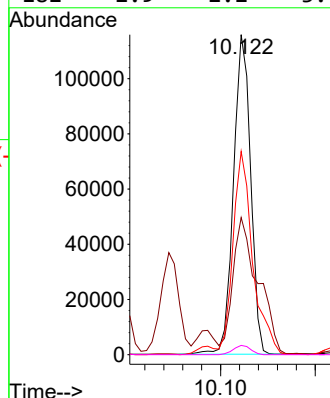
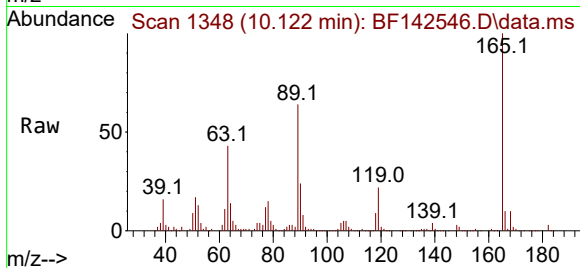




#57
2,4-Dinitrotoluene
Concen: 42.548 ng
RT: 10.122 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

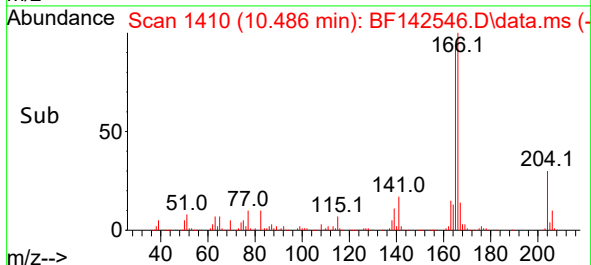
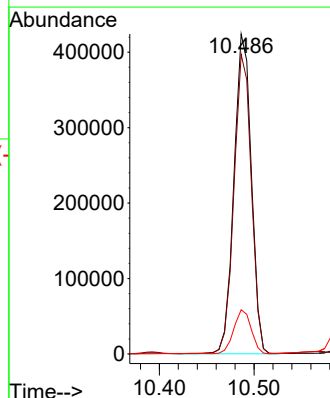
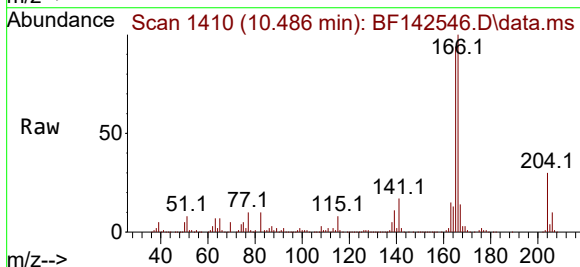
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

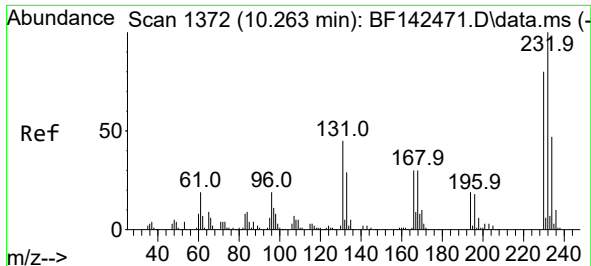
Tgt Ion:165 Resp: 145227
Ion Ratio Lower Upper
165 100
63 42.9 33.6 50.4
89 63.5 50.2 75.4
182 2.9 2.2 3.4



#58
Fluorene
Concen: 44.684 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:166 Resp: 538806
Ion Ratio Lower Upper
166 100
165 93.6 75.8 113.8
167 13.8 10.6 16.0

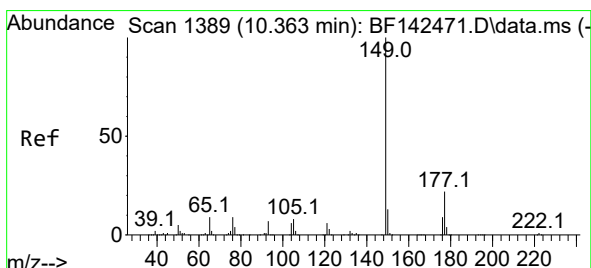
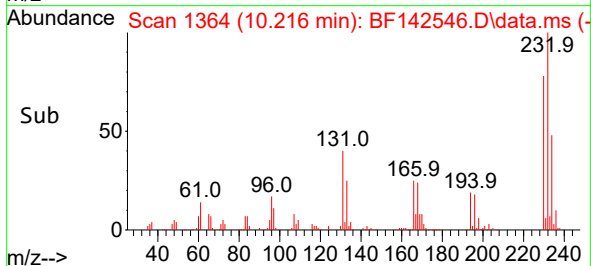
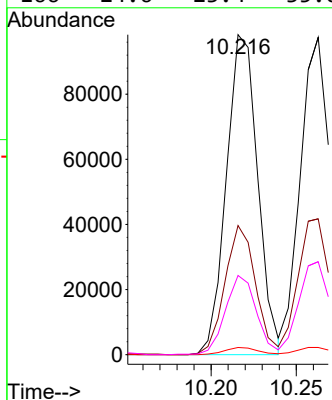
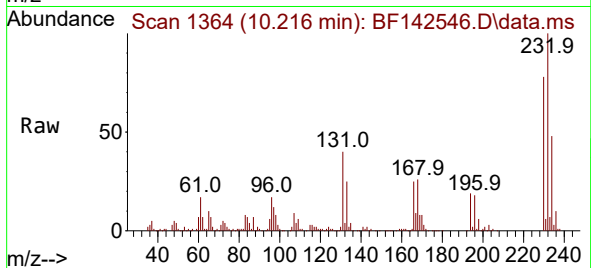




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.197 ng
RT: 10.216 min Scan# 11
Delta R.T. -0.053 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

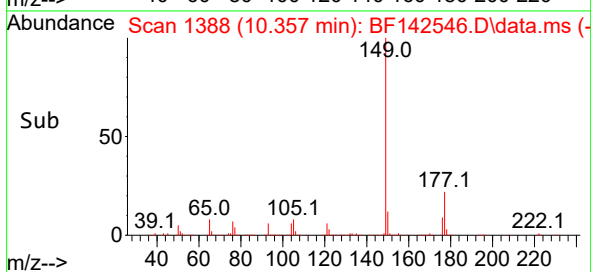
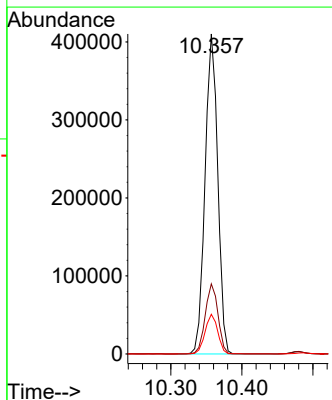
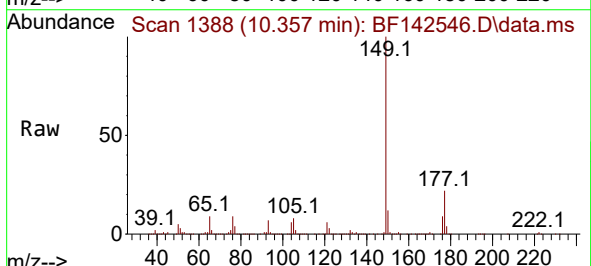
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

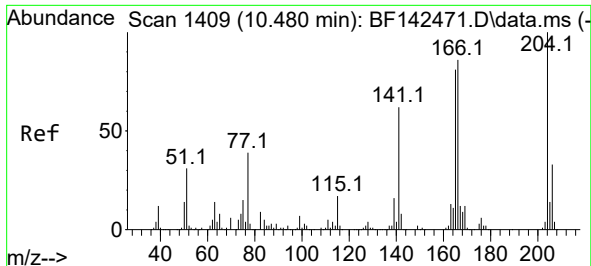
Tgt Ion:232 Resp: 125723
Ion Ratio Lower Upper
232 100
131 39.5 35.2 52.8
130 2.4 1.7 2.5
166 24.6 23.4 35.0



#60
Diethylphthalate
Concen: 43.159 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:149 Resp: 510421
Ion Ratio Lower Upper
149 100
177 21.9 17.6 26.4
150 12.4 10.1 15.1

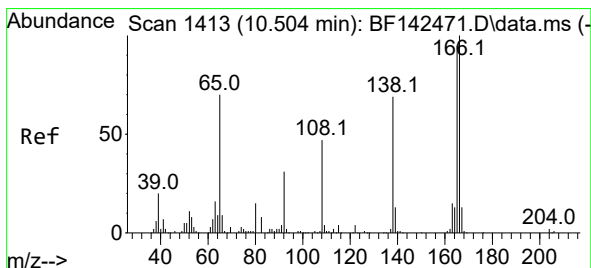
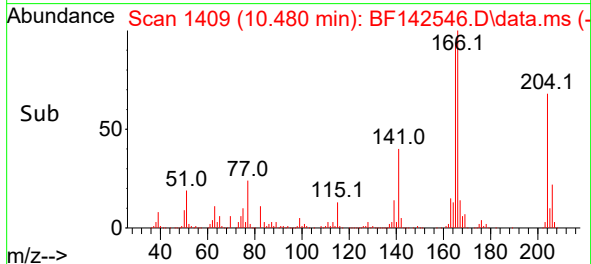
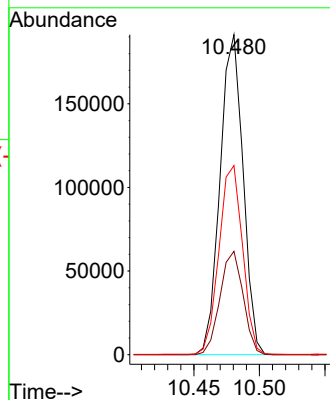
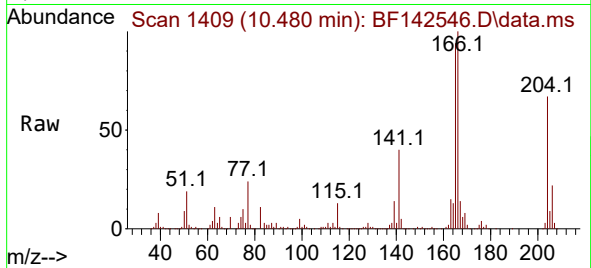




#61
4-Chlorophenyl-phenylether
Concen: 39.362 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

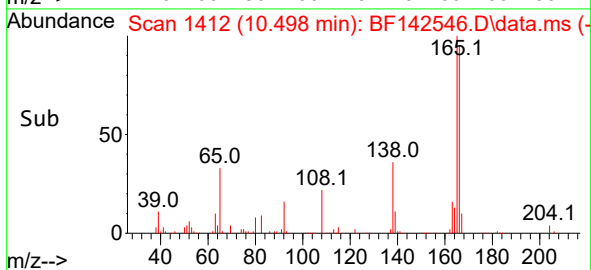
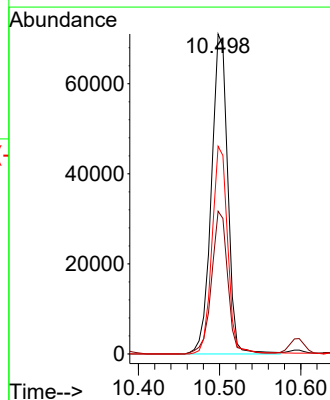
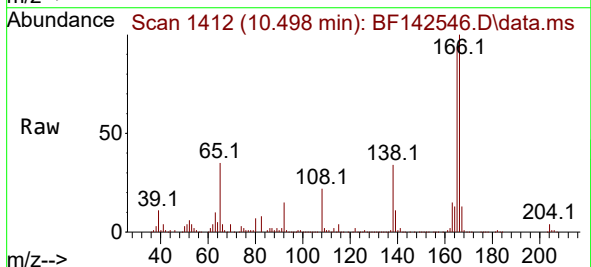
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

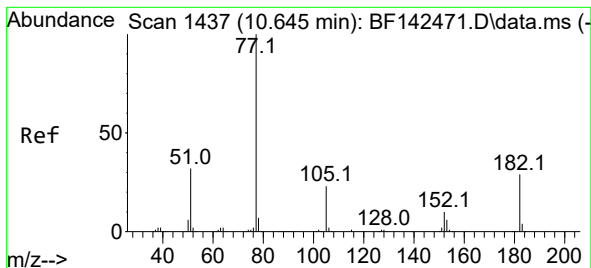
Tgt Ion:204 Resp: 233164
Ion Ratio Lower Upper
204 100
206 32.3 26.3 39.5
141 59.1 49.5 74.3



#62
4-Nitroaniline
Concen: 38.299 ng
RT: 10.498 min Scan# 1412
Delta R.T. -0.018 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:138 Resp: 99158
Ion Ratio Lower Upper
138 100
92 44.6 26.0 66.0
108 64.9 48.4 88.4





#63

Azobenzene

Concen: 42.713 ng

RT: 10.639 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

Tgt Ion: 77 Resp: 453716

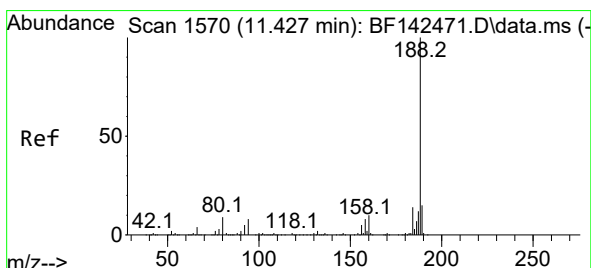
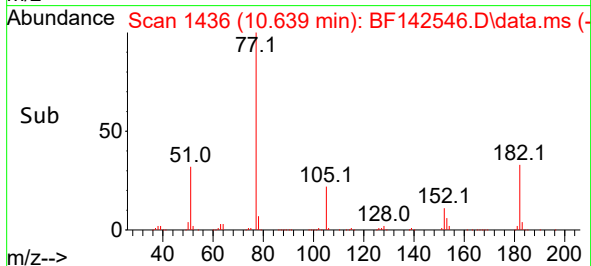
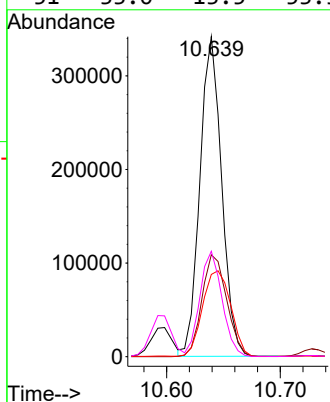
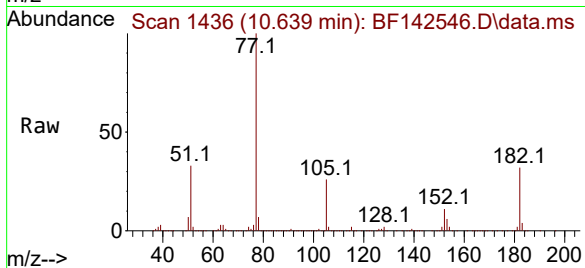
Ion Ratio Lower Upper

77 100

182 31.9 9.0 49.0

105 25.7 2.4 42.4

51 33.0 13.5 53.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.427 min Scan# 1570

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

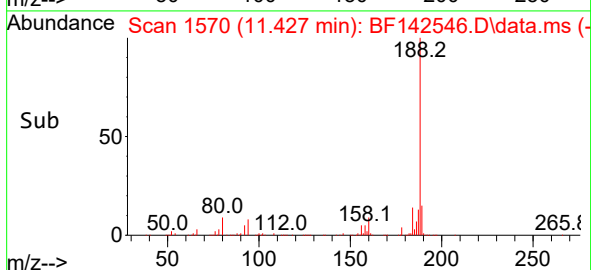
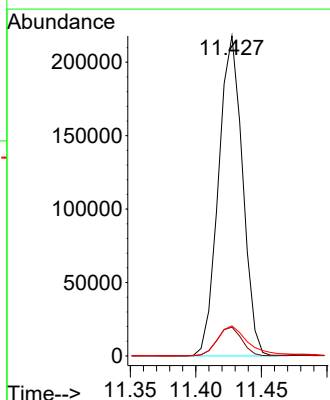
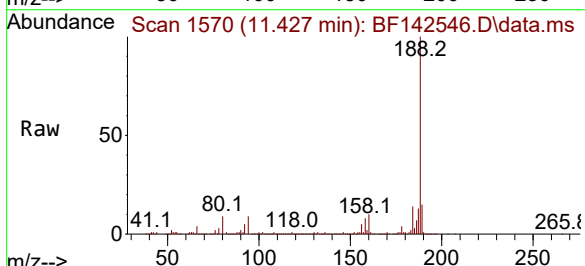
Tgt Ion:188 Resp: 278305

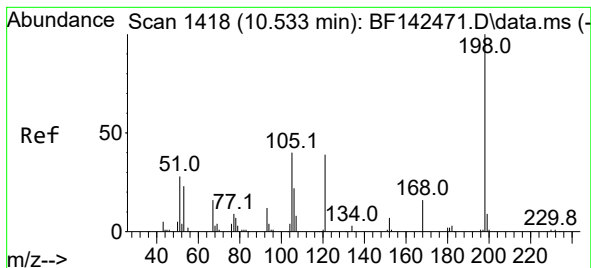
Ion Ratio Lower Upper

188 100

94 9.0 6.6 10.0

80 9.4 7.4 11.0

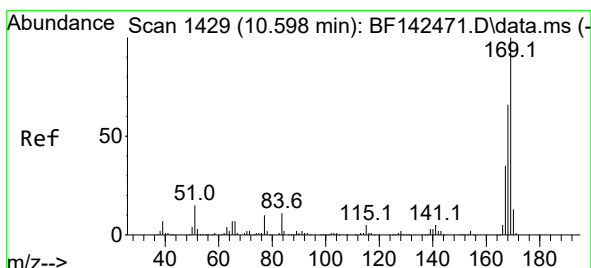
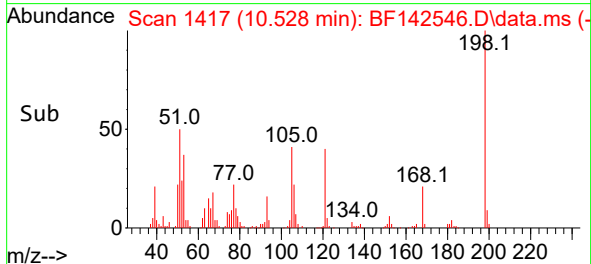
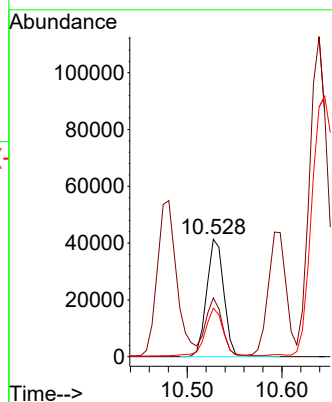
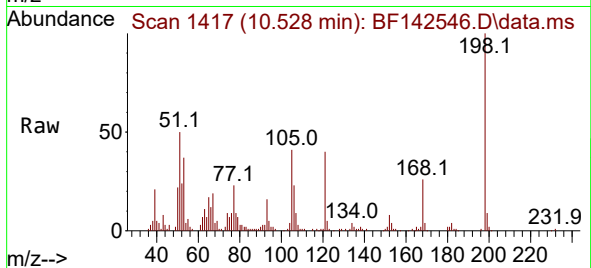




#65
4,6-Dinitro-2-methylphenol
Concen: 33.476 ng
RT: 10.528 min Scan# 1418
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

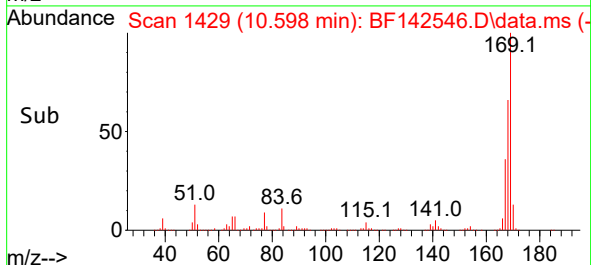
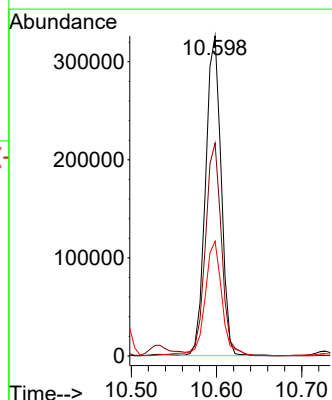
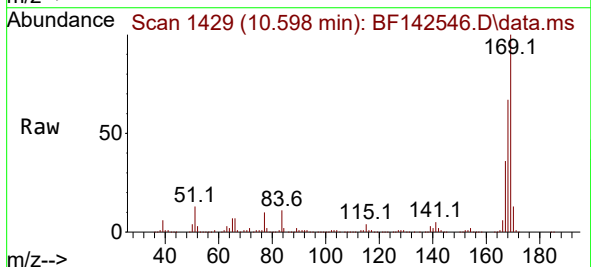
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

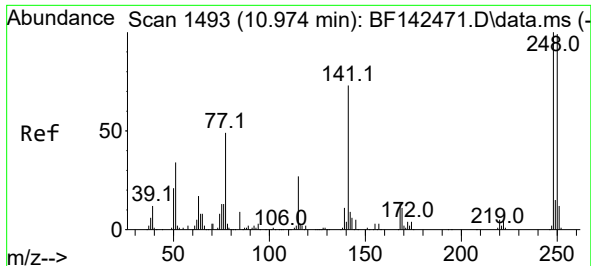
Tgt Ion:198 Resp: 51994
Ion Ratio Lower Upper
198 100
51 50.0 28.3 68.3
105 41.2 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 43.377 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:169 Resp: 413013
Ion Ratio Lower Upper
169 100
168 66.5 52.7 79.1
167 35.8 28.3 42.5

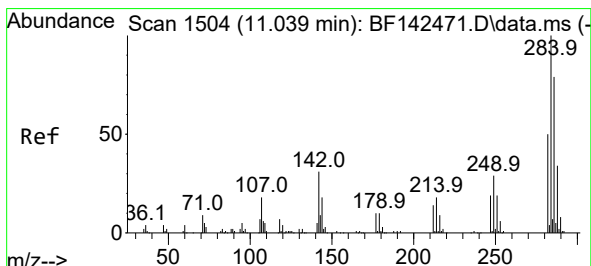
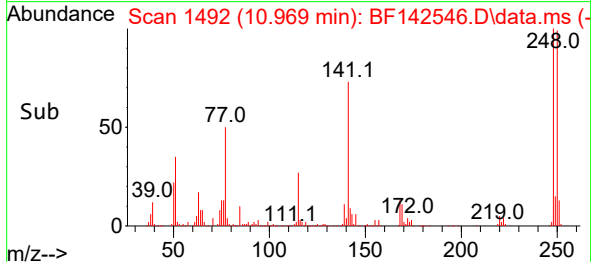
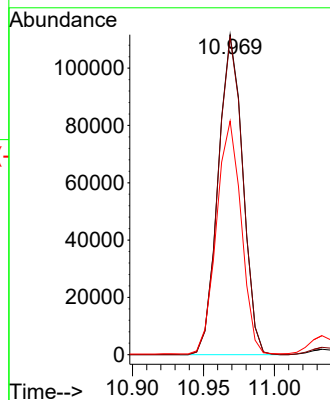
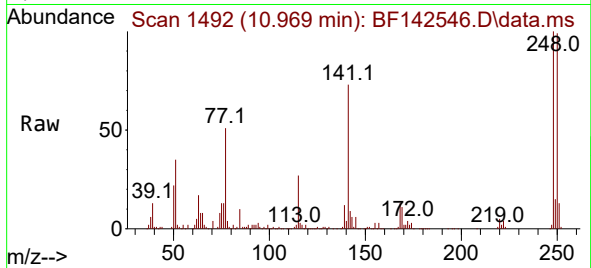




#67
4-Bromophenyl-phenylether
Concen: 40.923 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

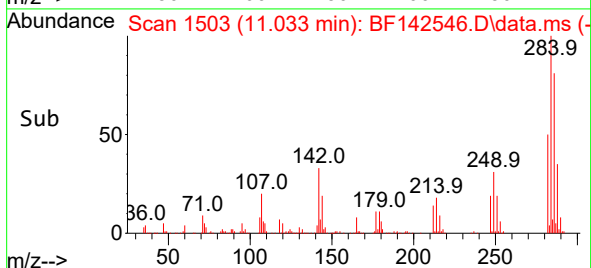
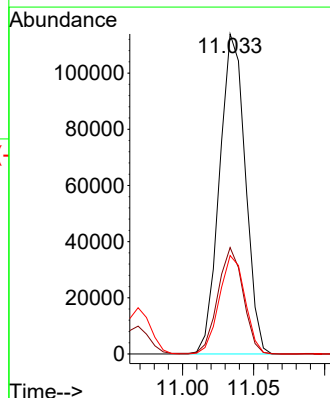
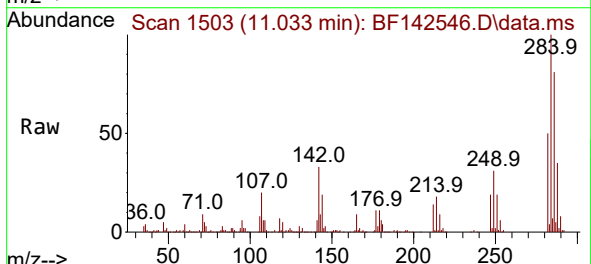
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

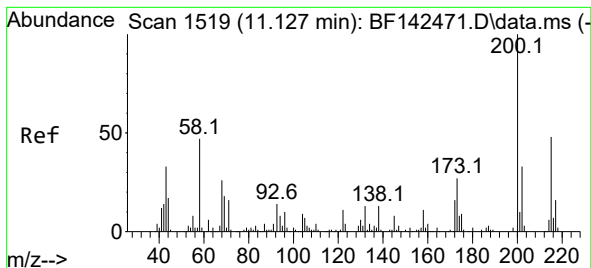
Tgt Ion:248 Resp: 134666
Ion Ratio Lower Upper
248 100
250 99.2 79.0 118.4
141 73.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 39.511 ng
RT: 11.033 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:284 Resp: 143808
Ion Ratio Lower Upper
284 100
142 33.3 24.8 37.2
249 30.7 23.6 35.4





#69

Atrazine

Concen: 48.757 ng

RT: 11.122 min Scan# 1518

Delta R.T. -0.005 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

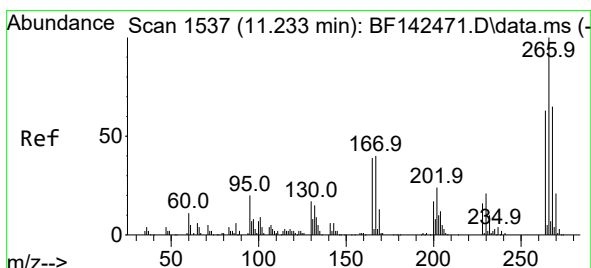
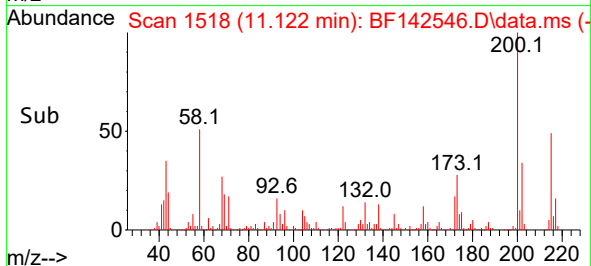
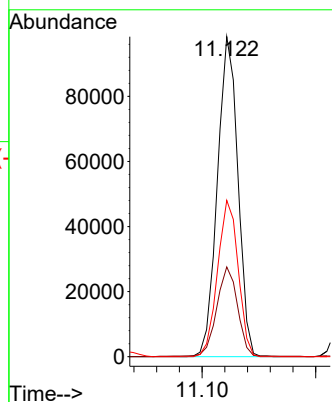
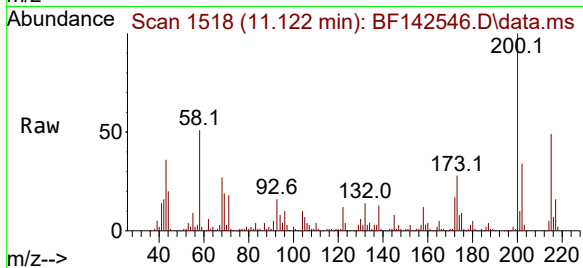
Tgt Ion:200 Resp: 123289

Ion Ratio Lower Upper

200 100

173 28.0 7.4 47.4

215 48.9 28.5 68.5



#70

Pentachlorophenol

Concen: 91.704 ng

RT: 11.227 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

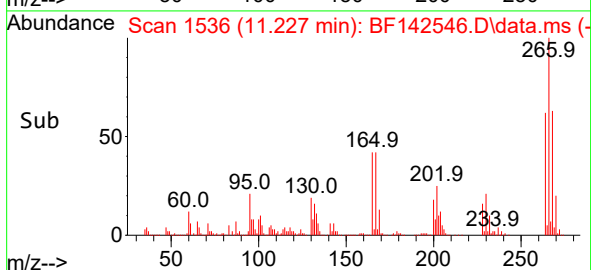
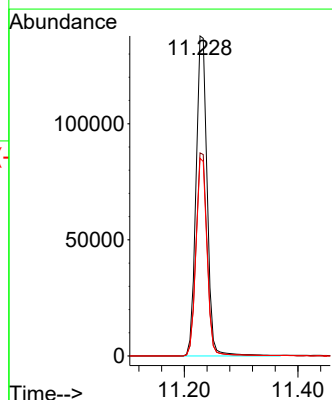
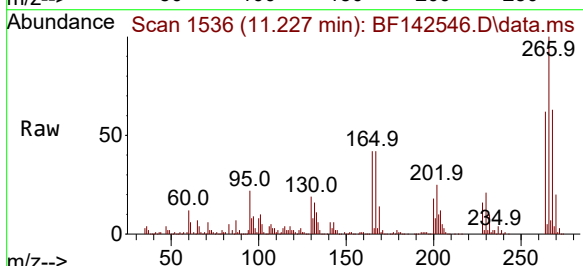
Tgt Ion:266 Resp: 188441

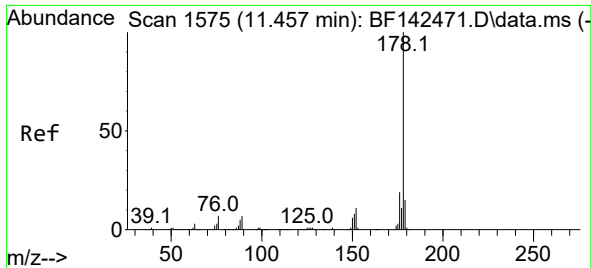
Ion Ratio Lower Upper

266 100

268 63.5 51.7 77.5

264 61.8 50.4 75.6

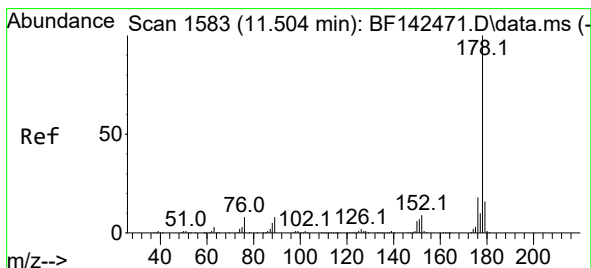
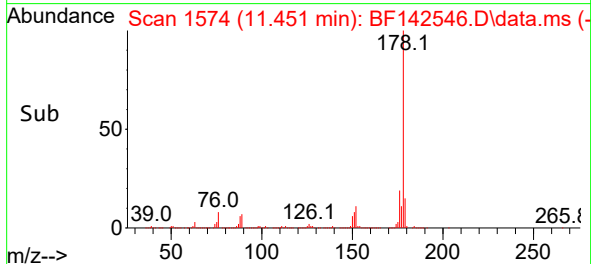
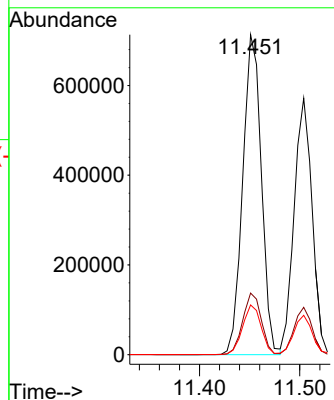
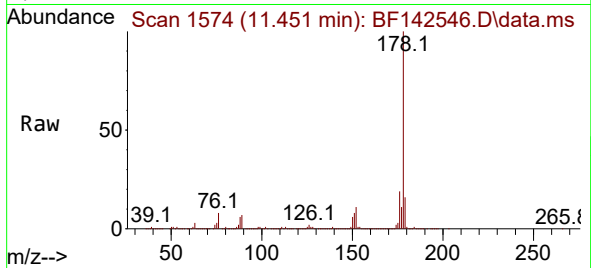




#71
Phenanthrene
Concen: 62.107 ng
RT: 11.451 min Scan# 1574
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

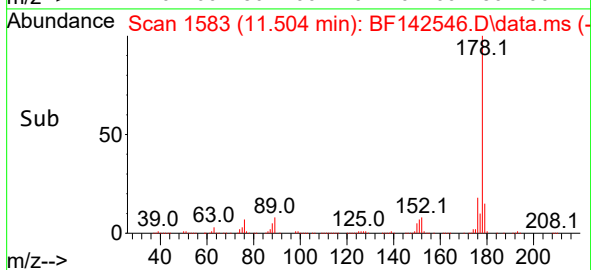
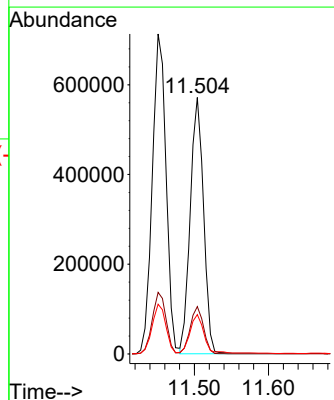
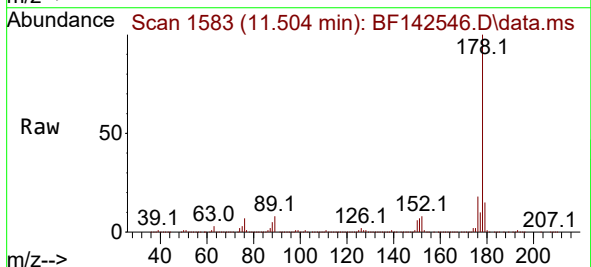
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

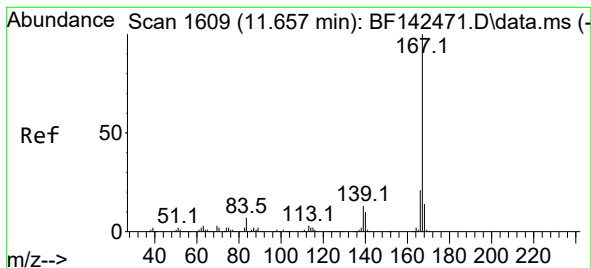
Tgt Ion:178 Resp: 923732
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.5 12.3 18.5



#72
Anthracene
Concen: 47.046 ng
RT: 11.504 min Scan# 1583
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:178 Resp: 714116
Ion Ratio Lower Upper
178 100
176 18.5 14.6 21.8
179 15.4 12.4 18.6





#73

Carbazole

Concen: 48.695 ng

RT: 11.657 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

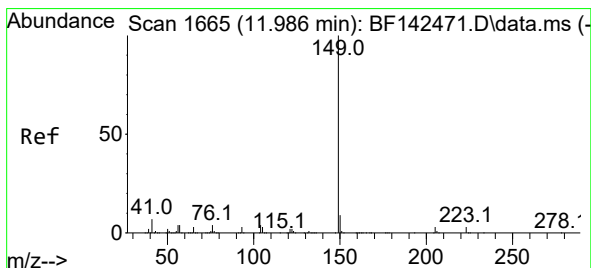
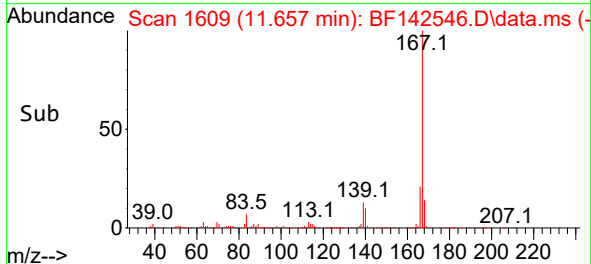
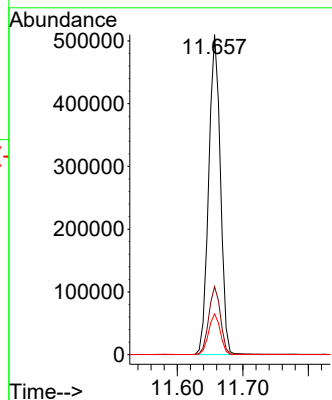
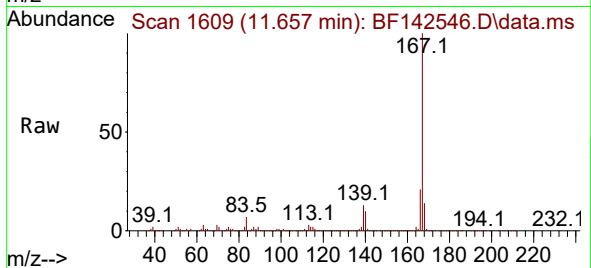
Tgt Ion:167 Resp: 631894

Ion Ratio Lower Upper

167 100

166 21.3 16.9 25.3

139 12.7 10.2 15.4



#74

Di-n-butylphthalate

Concen: 49.741 ng

RT: 11.986 min Scan# 1665

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

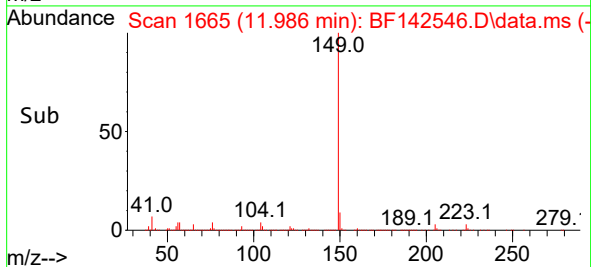
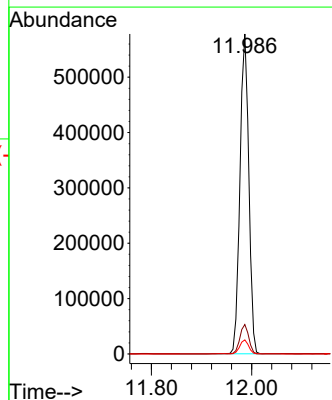
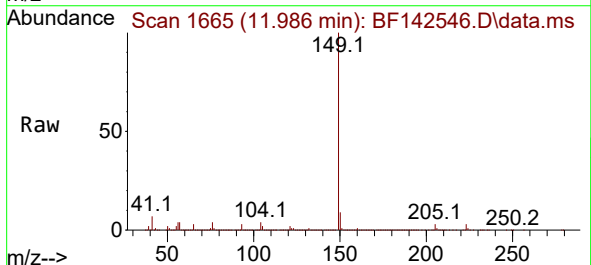
Tgt Ion:149 Resp: 706526

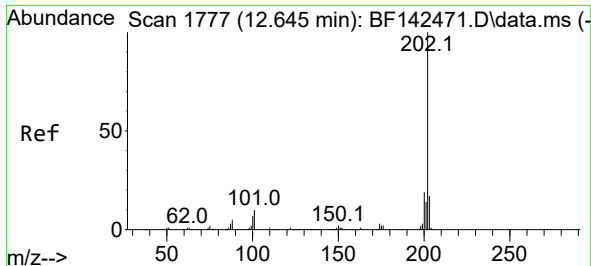
Ion Ratio Lower Upper

149 100

150 9.2 7.3 10.9

104 4.4 3.6 5.4

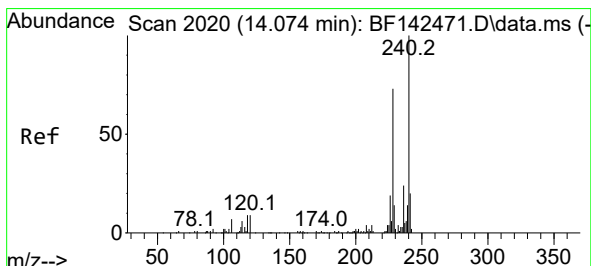
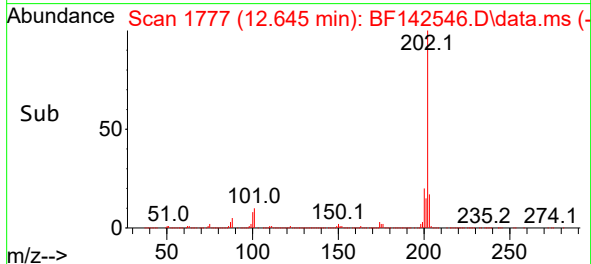
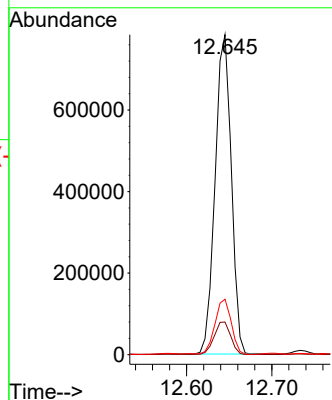
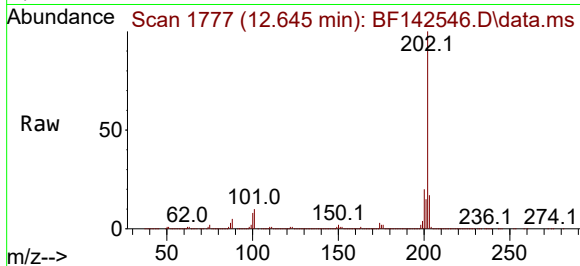




#75
Fluoranthene
Concen: 74.386 ng
RT: 12.645 min Scan# 1777
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

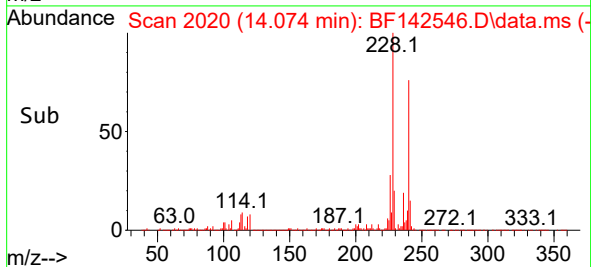
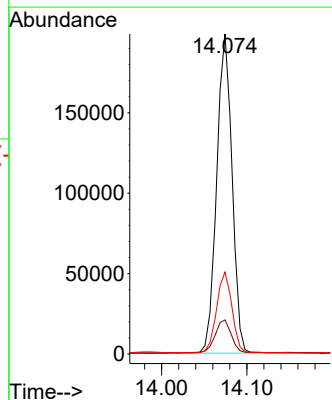
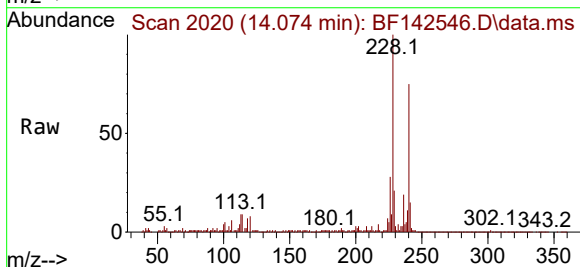
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

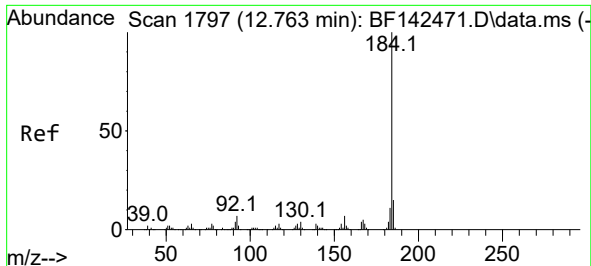
Tgt Ion:202 Resp: 1033784
Ion Ratio Lower Upper
202 100
101 10.2 0.0 29.6
203 17.4 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:240 Resp: 249276
Ion Ratio Lower Upper
240 100
120 10.6 7.5 11.3
236 25.6 19.6 29.4

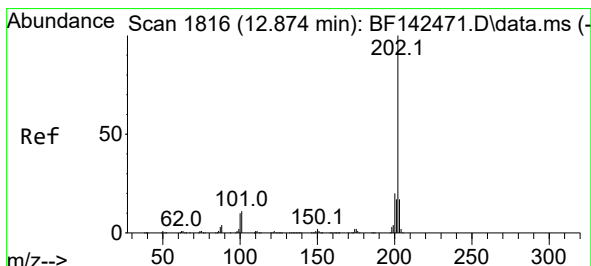
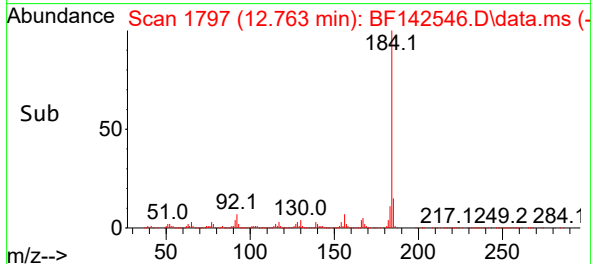
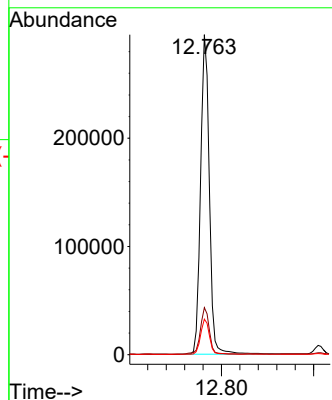
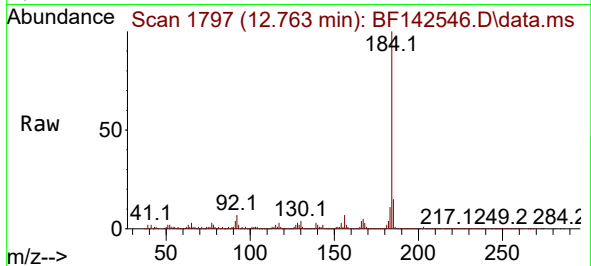




#77
Benzidine
Concen: 42.074 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

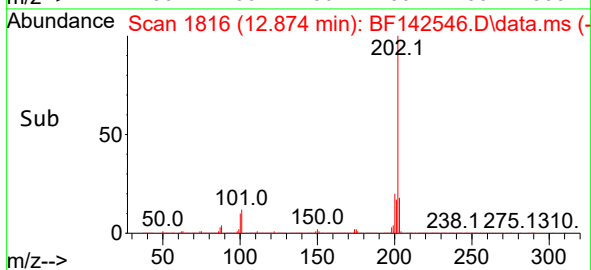
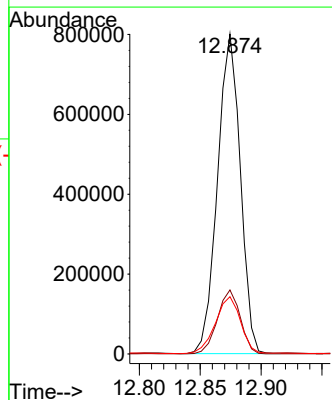
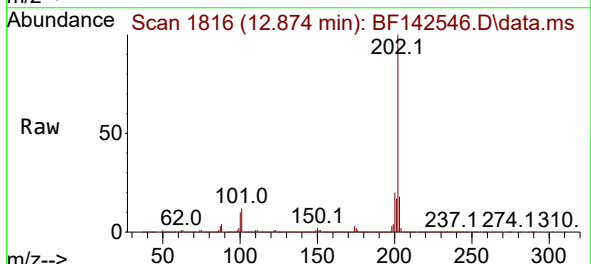
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

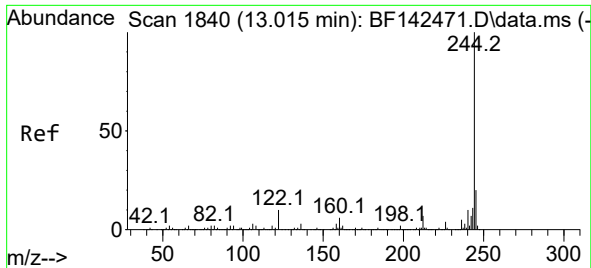
Tgt Ion:184 Resp: 390295
Ion Ratio Lower Upper
184 100
185 14.7 11.6 17.4
183 11.1 9.0 13.4



#78
Pyrene
Concen: 44.897 ng
RT: 12.874 min Scan# 1816
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:202 Resp: 1044033
Ion Ratio Lower Upper
202 100
200 20.0 16.1 24.1
203 17.9 13.9 20.9

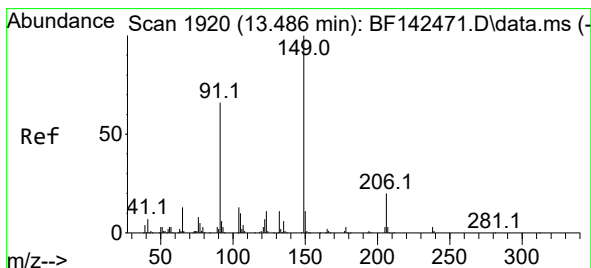
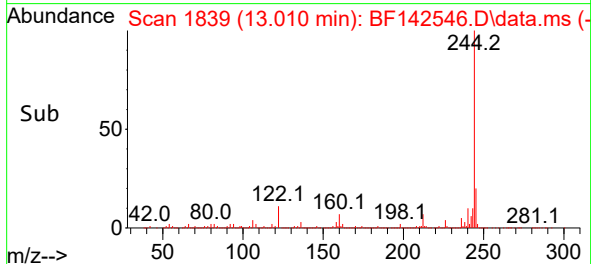
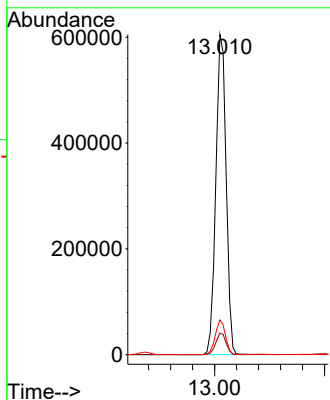
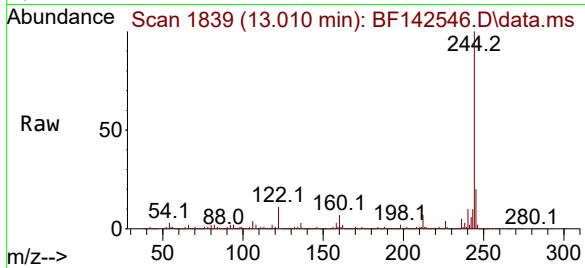




#79
 Terphenyl-d14
 Concen: 43.276 ng
 RT: 13.010 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF142546.D
 Acq: 23 May 2025 20:25

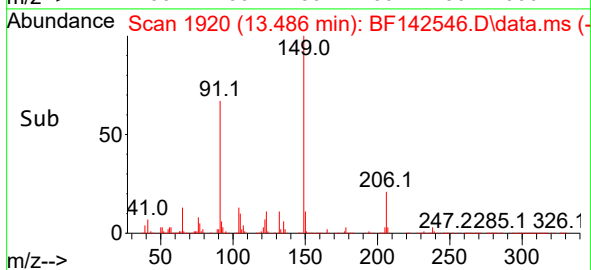
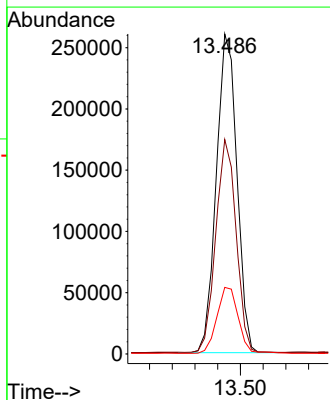
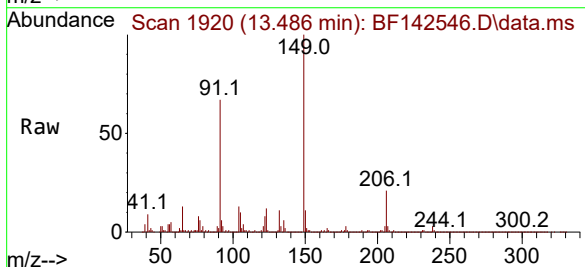
Instrument :
 BNA_F
 ClientSampleId :
 TP-02-MHFMSD

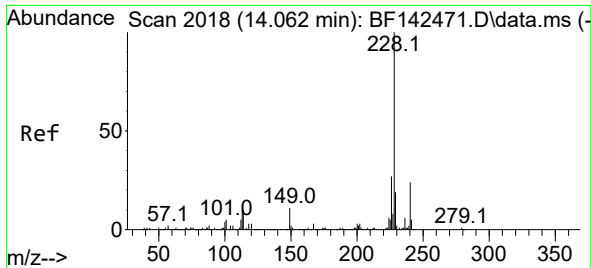
Tgt Ion:244 Resp: 789414
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.3 7.9
 122 10.9 8.2 12.2



#80
 Butylbenzylphthalate
 Concen: 51.015 ng
 RT: 13.486 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF142546.D
 Acq: 23 May 2025 20:25

Tgt Ion:149 Resp: 327796
 Ion Ratio Lower Upper
 149 100
 91 67.0 52.9 79.3
 206 20.8 16.2 24.2

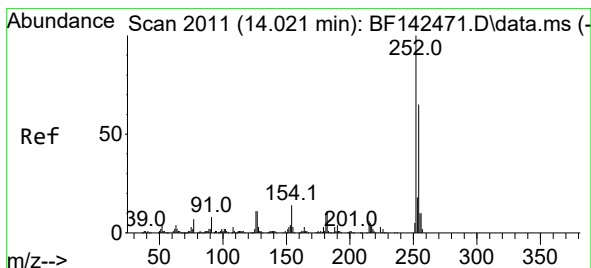
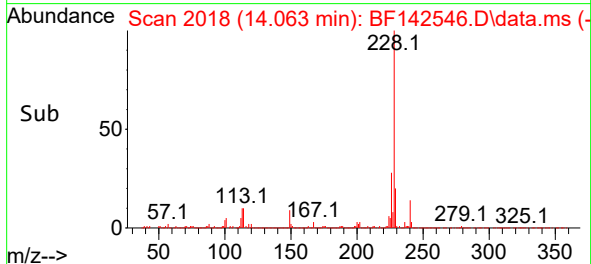
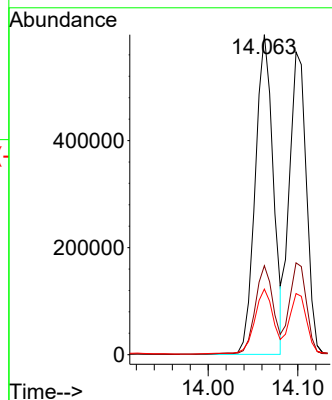
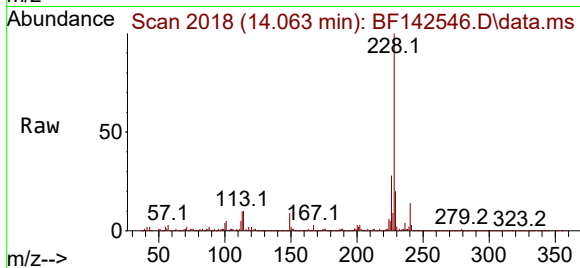




#81
Benzo(a)anthracene
Concen: 49.972 ng
RT: 14.063 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

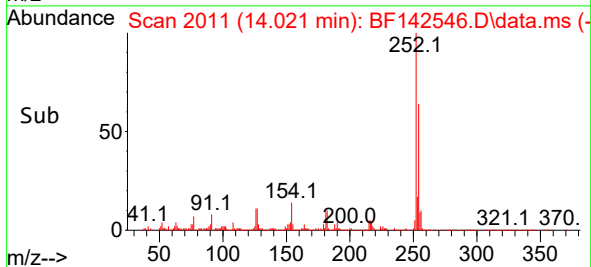
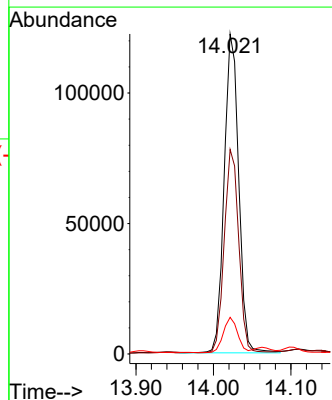
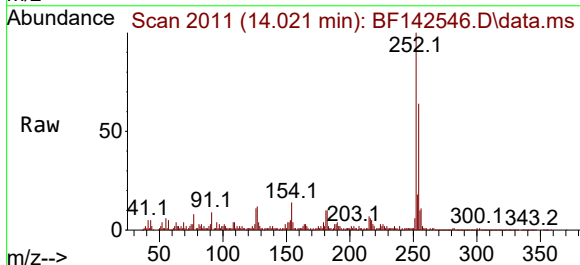
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

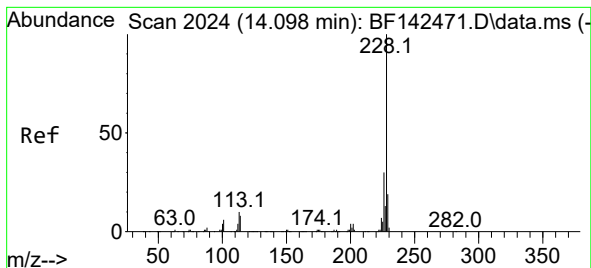
Tgt Ion:228 Resp: 831808
Ion Ratio Lower Upper
228 100
226 27.8 21.2 31.8
229 20.5 15.5 23.3



#82
3,3'-Dichlorobenzidine
Concen: 31.563 ng
RT: 14.021 min Scan# 2011
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:252 Resp: 159355
Ion Ratio Lower Upper
252 100
254 63.9 52.0 78.0
126 11.5 8.9 13.3





#83

Chrysene

Concen: 49.471 ng

RT: 14.098 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

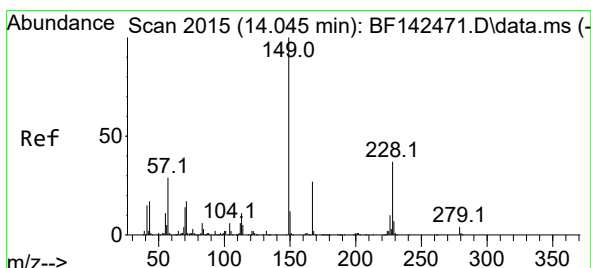
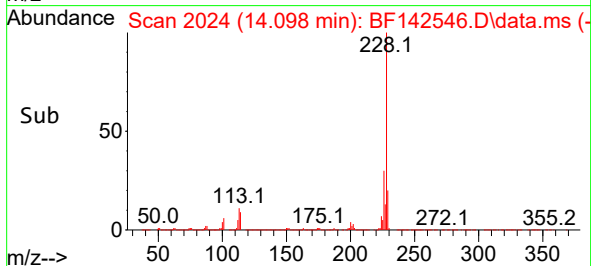
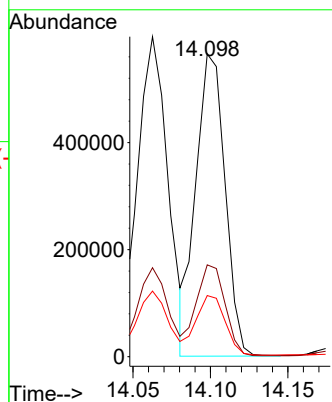
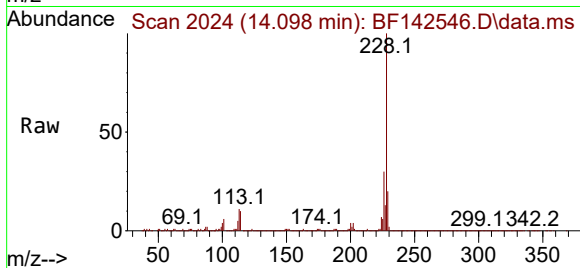
Tgt Ion:228 Resp: 739930

Ion Ratio Lower Upper

228 100

226 30.3 23.8 35.6

229 20.2 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.120 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

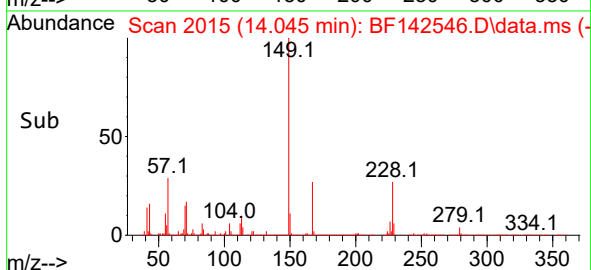
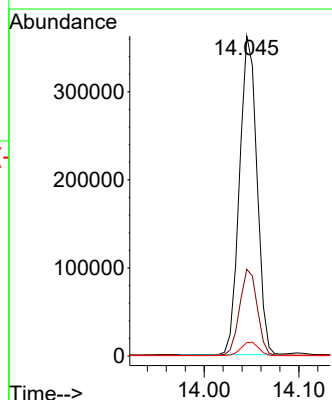
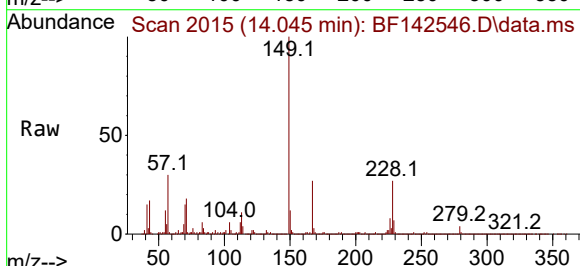
Tgt Ion:149 Resp: 461617

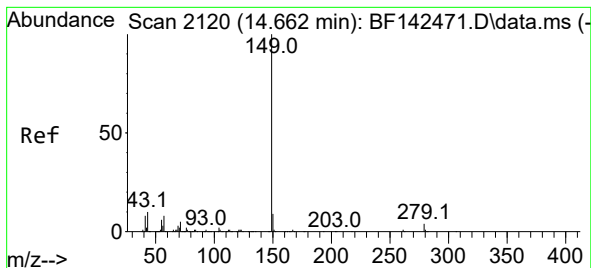
Ion Ratio Lower Upper

149 100

167 27.1 21.5 32.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 46.758 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

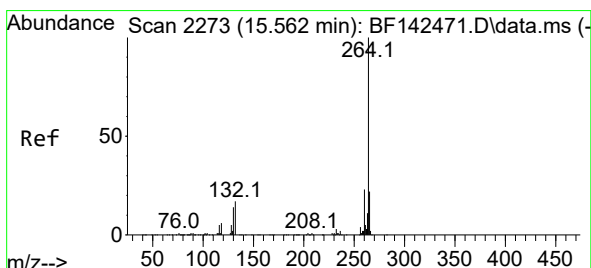
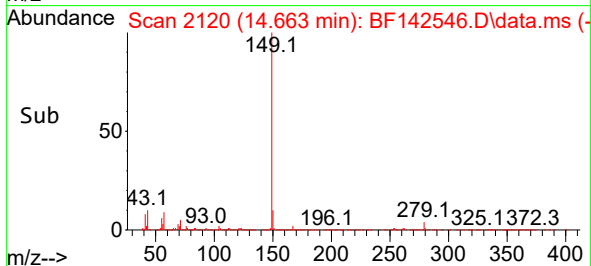
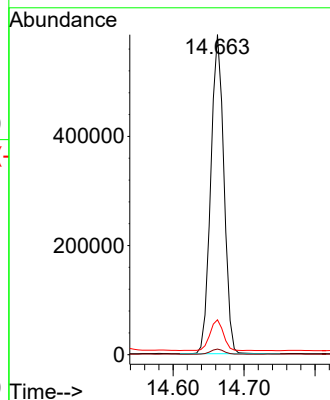
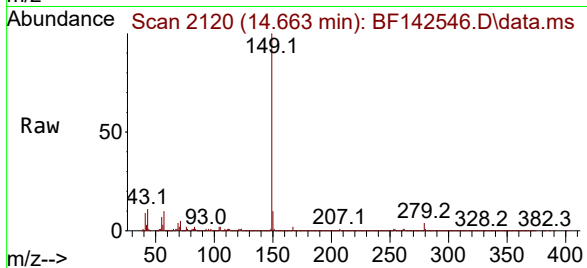
Tgt Ion:149 Resp: 752033

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

43 9.9 7.9 11.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.568 min Scan# 2274

Delta R.T. 0.000 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

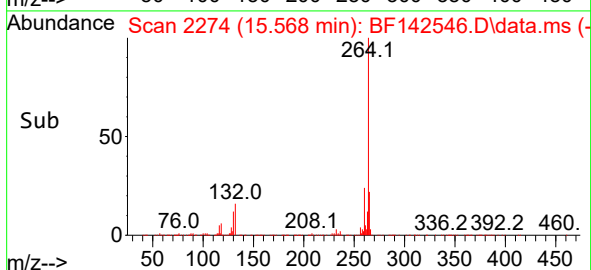
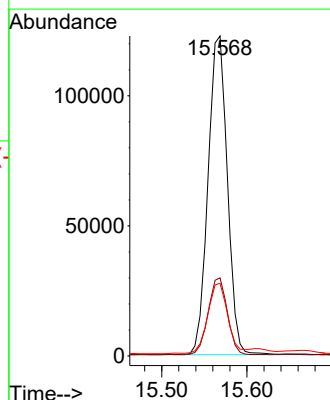
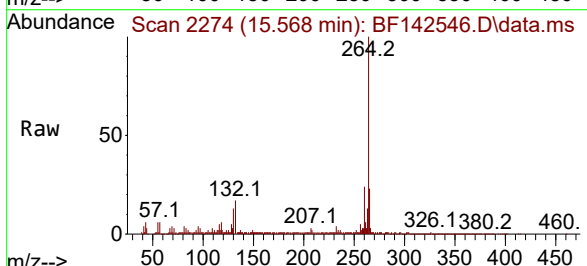
Tgt Ion:264 Resp: 193062

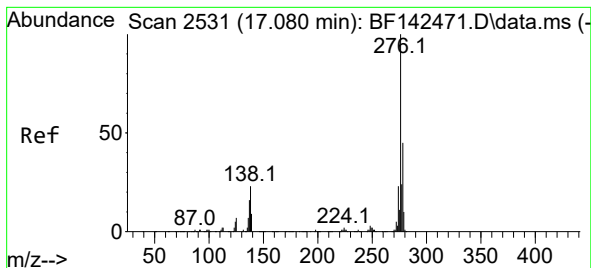
Ion Ratio Lower Upper

264 100

260 24.4 18.6 28.0

265 22.7 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 34.866 ng

RT: 17.080 min Scan# 2199

Delta R.T. -0.012 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

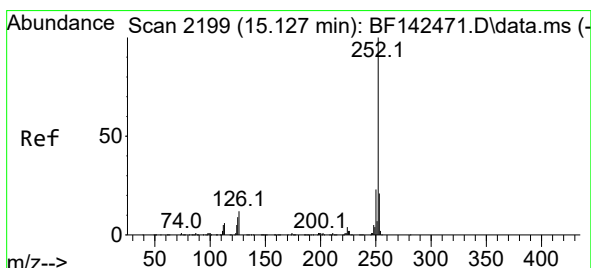
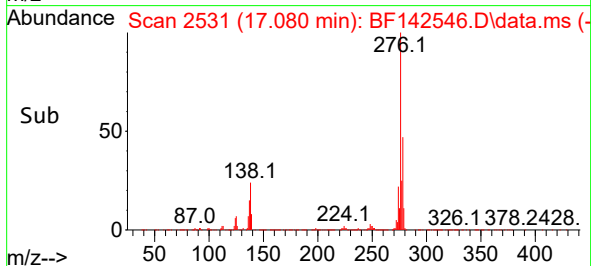
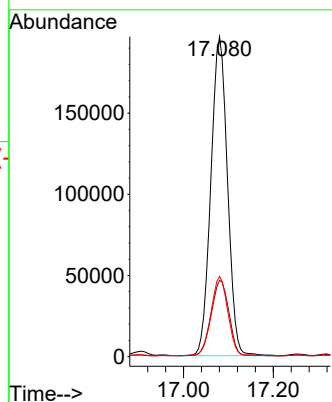
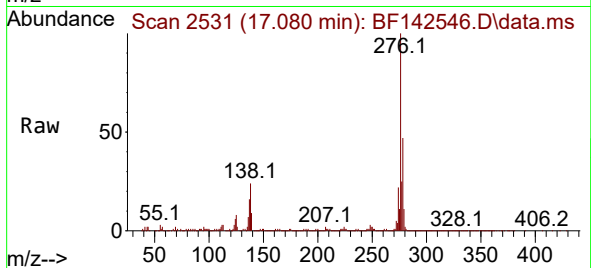
Tgt Ion:276 Resp: 505350

Ion Ratio Lower Upper

276 100

138 25.2 19.9 29.9

277 25.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 62.258 ng

RT: 15.127 min Scan# 2199

Delta R.T. 0.000 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

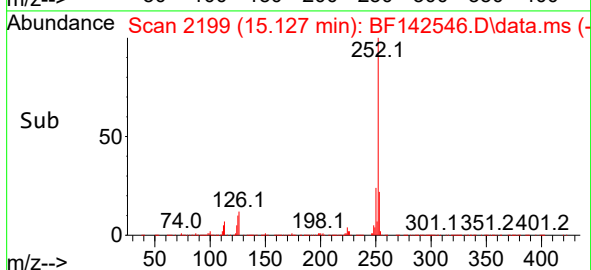
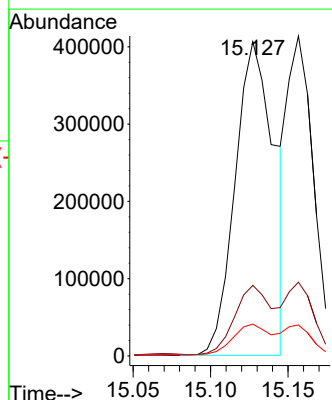
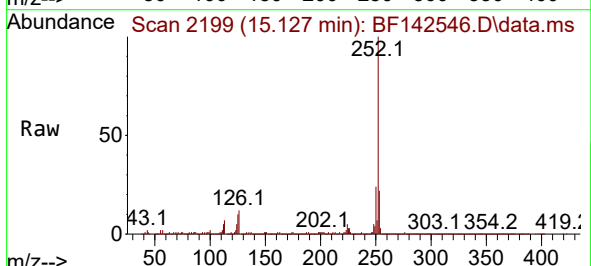
Tgt Ion:252 Resp: 711379

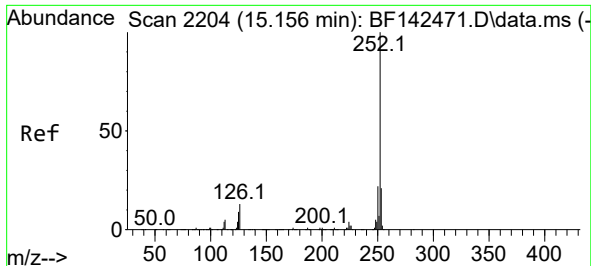
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.4

125 10.1 7.4 11.0

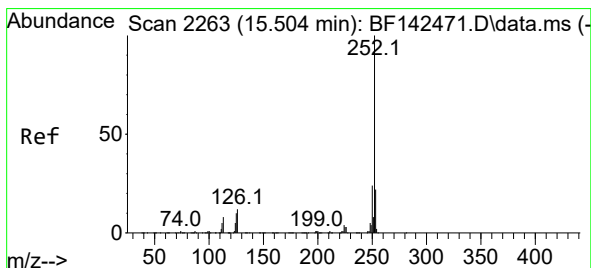
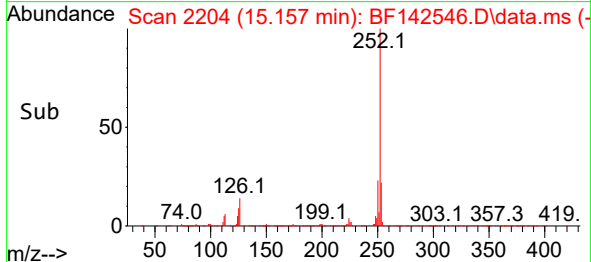
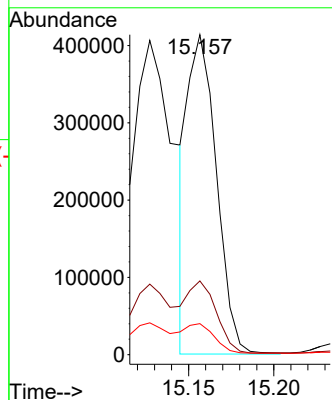
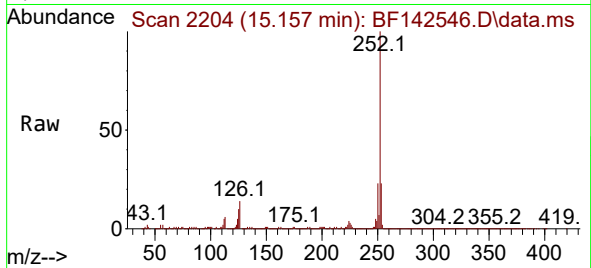




#89
Benzo(k)fluoranthene
Concen: 45.237 ng
RT: 15.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

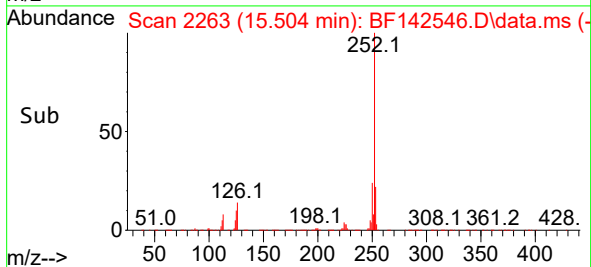
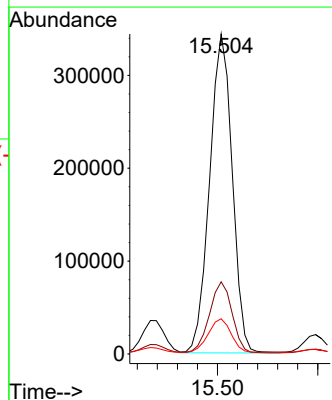
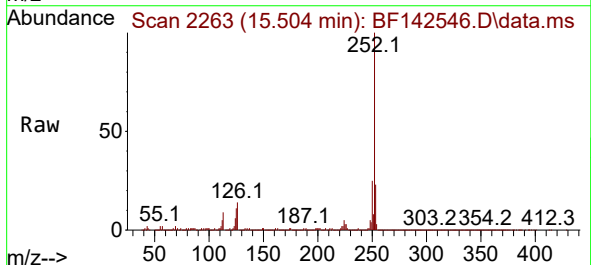
Instrument :
BNA_F
ClientSampleId :
TP-02-MHFMSD

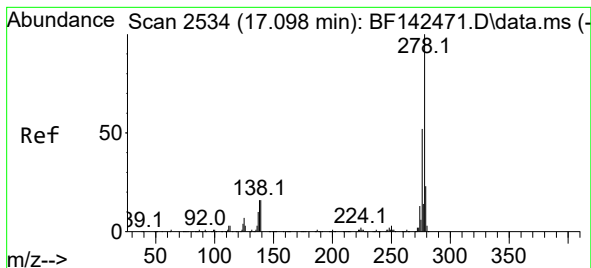
Tgt Ion:252 Resp: 484127
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 9.7 7.3 10.9



#90
Benzo(a)pyrene
Concen: 50.085 ng
RT: 15.504 min Scan# 2263
Delta R.T. -0.006 min
Lab File: BF142546.D
Acq: 23 May 2025 20:25

Tgt Ion:252 Resp: 539437
Ion Ratio Lower Upper
252 100
253 22.6 17.4 26.0
125 11.0 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 33.712 ng

RT: 17.098 min Scan# 21

Delta R.T. -0.017 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Instrument :

BNA_F

ClientSampleId :

TP-02-MHFMSD

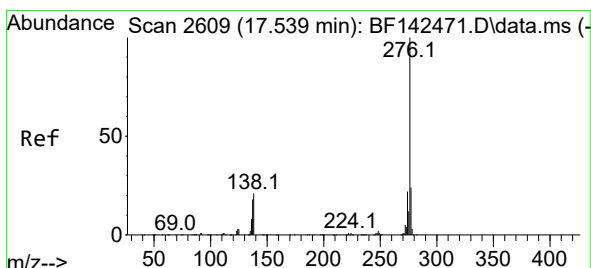
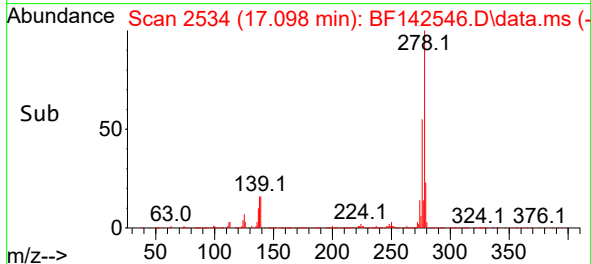
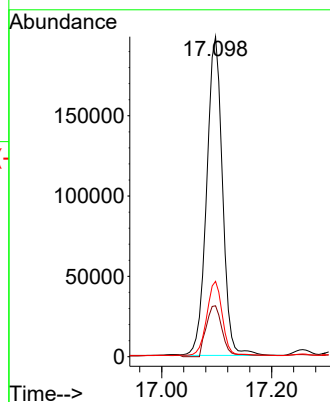
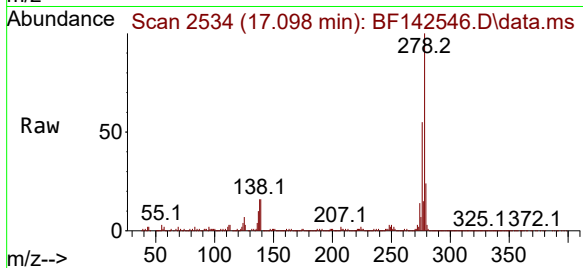
Tgt Ion:278 Resp: 396291

Ion Ratio Lower Upper

278 100

139 15.9 12.8 19.2

279 23.5 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 34.943 ng

RT: 17.539 min Scan# 2609

Delta R.T. -0.017 min

Lab File: BF142546.D

Acq: 23 May 2025 20:25

Tgt Ion:276 Resp: 410855

Ion Ratio Lower Upper

276 100

277 23.2 19.2 28.8

138 21.3 16.8 25.2

