

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF052725\
 Data File : BF142564.D
 Acq On : 27 May 2025 16:21
 Operator : RC/JU
 Sample : Q2127-01MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

Quant Time: May 27 16:45:03 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	111340	20.000	ng	0.00
21) Naphthalene-d8	8.187	136	407609	20.000	ng	0.00
39) Acenaphthene-d10	9.939	164	195524	20.000	ng	0.00
64) Phenanthrene-d10	11.427	188	285016	20.000	ng	0.00
76) Chrysene-d12	14.074	240	232533	20.000	ng	# 0.00
86) Perylene-d12	15.568	264	169340	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	618710	93.621	ng	0.00
7) Phenol-d6	6.528	99	769271	96.700	ng	0.00
23) Nitrobenzene-d5	7.463	82	461608	61.753	ng	-0.01
42) 2,4,6-Tribromophenol	10.733	330	183941	84.763	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	840614	57.691	ng	-0.01
79) Terphenyl-d14	13.010	244	754026	44.312	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.716	88	96266	36.402	ng	99
3) Pyridine	3.481	79	265407	39.411	ng	99
4) n-Nitrosodimethylamine	3.434	42	142836	40.850	ng	95
6) Aniline	6.557	93	219901	20.558	ng	# 87
8) 2-Chlorophenol	6.681	128	294537	40.918	ng	98
9) Benzaldehyde	6.445	77	170229	35.577	ng	98
10) Phenol	6.540	94	355963	39.766	ng	99
11) bis(2-Chloroethyl)ether	6.634	93	269055	41.756	ng	99
12) 1,3-Dichlorobenzene	6.840	146	319555	39.784	ng	99
13) 1,4-Dichlorobenzene	6.916	146	323458	39.978	ng	99
14) 1,2-Dichlorobenzene	7.069	146	313029	40.433	ng	99
15) Benzyl Alcohol	7.040	79	241609	41.097	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.175	45	441799	40.828	ng	99
17) 2-Methylphenol	7.151	107	228890	40.728	ng	100
18) Hexachloroethane	7.410	117	110960	39.275	ng	98
19) n-Nitroso-di-n-propyla...	7.310	70	194604	39.471	ng	99
20) 3+4-Methylphenols	7.304	107	287167	39.901	ng	94
22) Acetophenone	7.310	105	384196	42.579	ng	100
24) Nitrobenzene	7.481	77	286009	42.423	ng	99
25) Isophorone	7.722	82	518878	41.517	ng	98
26) 2-Nitrophenol	7.798	139	158822	44.088	ng	97
27) 2,4-Dimethylphenol	7.834	122	271876	42.796	ng	100
28) bis(2-Chloroethoxy)met...	7.928	93	330258	42.302	ng	100
29) 2,4-Dichlorophenol	8.039	162	241226	41.753	ng	99
30) 1,2,4-Trichlorobenzene	8.122	180	257199	41.020	ng	97
31) Naphthalene	8.210	128	1289698	64.259	ng	100
32) Benzoic acid	7.945	122	168556	43.586	ng	99
33) 4-Chloroaniline	8.251	127	63174	7.768	ng	100
34) Hexachlorobutadiene	8.322	225	160330	40.952	ng	99
35) Caprolactam	8.622	113	77631	47.842	ng	91
36) 4-Chloro-3-methylphenol	8.734	107	236330	39.914	ng	99
37) 2-Methylnaphthalene	8.898	142	731752	57.952	ng	99
38) 1-Methylnaphthalene	8.998	142	671800	51.436	ng	100
40) 1,2,4,5-Tetrachloroben...	9.063	216	252380	44.966	ng	99
41) Hexachlorocyclopentadiene	9.045	237	116557	30.784	ng	99
43) 2,4,6-Trichlorophenol	9.175	196	163661	43.243	ng	99

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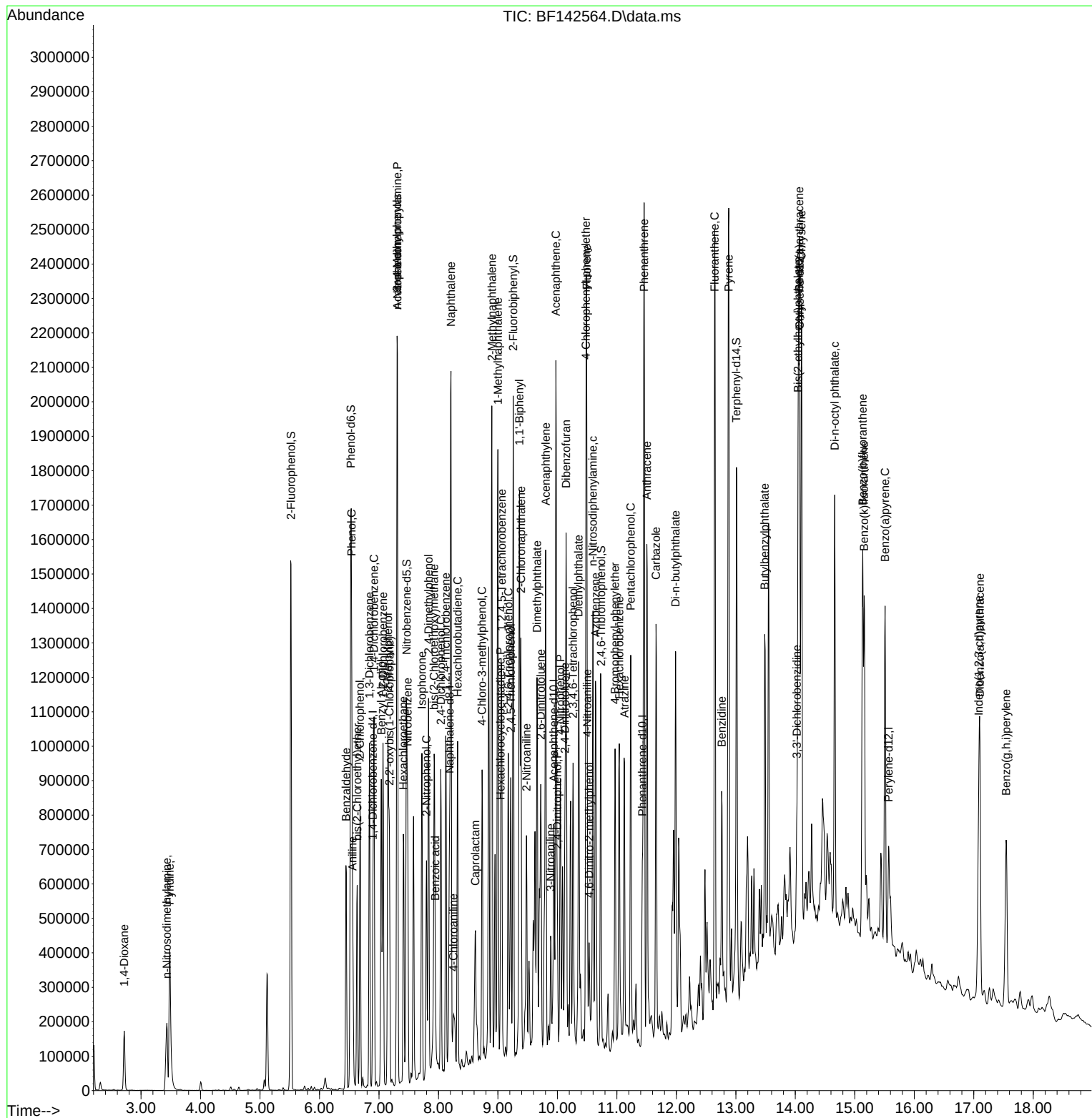
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.216	196	173751	43.530	ng	99
46) 1,1'-Biphenyl	9.363	154	738358	48.675	ng	100
47) 2-Chloronaphthalene	9.386	162	481426	42.956	ng	99
48) 2-Nitroaniline	9.481	65	139933	43.196	ng	98
49) Acenaphthylene	9.804	152	839567	44.364	ng	99
50) Dimethylphthalate	9.657	163	584886	45.335	ng	100
51) 2,6-Dinitrotoluene	9.722	165	119757	43.008	ng	98
52) Acenaphthene	9.975	154	660720	57.176	ng	100
53) 3-Nitroaniline	9.886	138	76556	25.172	ng	99
54) 2,4-Dinitrophenol	9.998	184	78955	54.884	ng	97
55) Dibenzofuran	10.145	168	806977	48.528	ng	99
56) 4-Nitrophenol	10.051	139	181954	81.083	ng	99
57) 2,4-Dinitrotoluene	10.128	165	157557	43.327	ng	99
58) Fluorene	10.492	166	662387	51.560	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.263	232	132577m	39.787	ng	
60) Diethylphthalate	10.357	149	563439	44.717	ng	100
61) 4-Chlorophenyl-phenyle...	10.480	204	260456	41.271	ng	98
62) 4-Nitroaniline	10.504	138	94766	34.356	ng	97
63) Azobenzene	10.639	77	525849	46.465	ng	95
65) 4,6-Dinitro-2-methylph...	10.533	198	52218	32.829	ng	96
66) n-Nitrosodiphenylamine	10.598	169	454349	46.595	ng	99
67) 4-Bromophenyl-phenylether	10.969	248	149815	44.454	ng	98
68) Hexachlorobenzene	11.039	284	156885	42.089	ng	98
69) Atrazine	11.128	200	138704	53.562	ng	99
70) Pentachlorophenol	11.233	266	185245	88.026	ng	99
71) Phenanthrene	11.457	178	1342840	88.160	ng	99
72) Anthracene	11.504	178	822432	52.906	ng	99
73) Carbazole	11.657	167	697357	52.474	ng	99
74) Di-n-butylphthalate	11.986	149	798481	54.891	ng	100
75) Fluoranthene	12.645	202	1354952	95.201	ng	97
77) Benzidine	12.763	184	352077	40.687	ng	100
78) Pyrene	12.880	202	1433441	66.082	ng	98
80) Butylbenzylphthalate	13.486	149	343559	57.318	ng	99
81) Benzo(a)anthracene	14.068	228	1082586	69.721	ng	95
82) 3,3'-Dichlorobenzidine	14.027	252	102237	21.708	ng	100
83) Chrysene	14.104	228	909772	65.206	ng	97
84) Bis(2-ethylhexyl)phtha...	14.045	149	516252	67.281	ng	99
85) Di-n-octyl phthalate	14.663	149	828450	55.218	ng	100
87) Indeno(1,2,3-cd)pyrene	17.086	276	559081	43.977	ng	99
88) Benzo(b)fluoranthene	15.133	252	747832	74.617	ng	97
89) Benzo(k)fluoranthene	15.157	252	563910m	60.073	ng	
90) Benzo(a)pyrene	15.510	252	629809	66.667	ng	98
91) Dibenzo(a,h)anthracene	17.104	278	389867	37.811	ng	97
92) Benzo(g,h,i)perylene	17.545	276	469002	45.477	ng	98

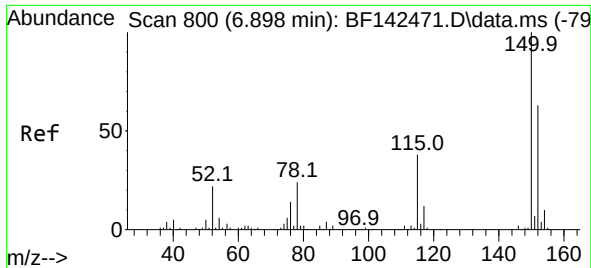
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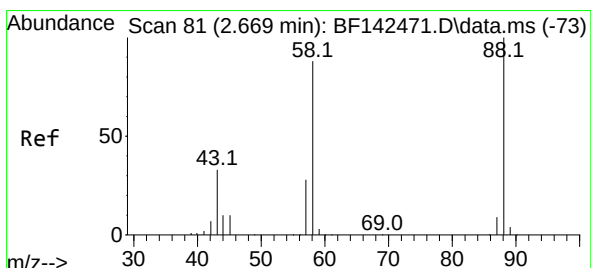
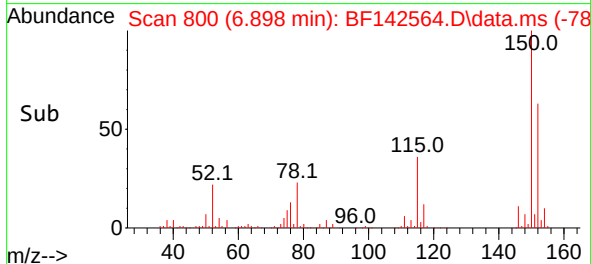
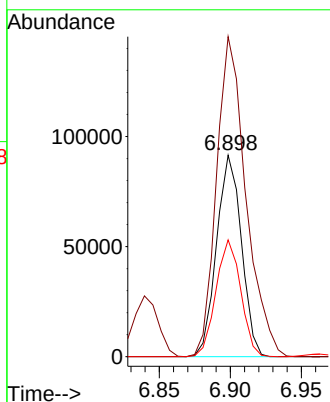
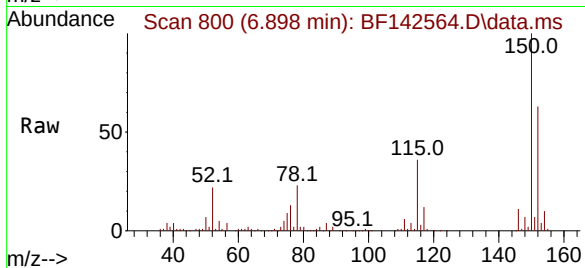




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.898 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF142564.D
 Acq: 27 May 2025 16:21

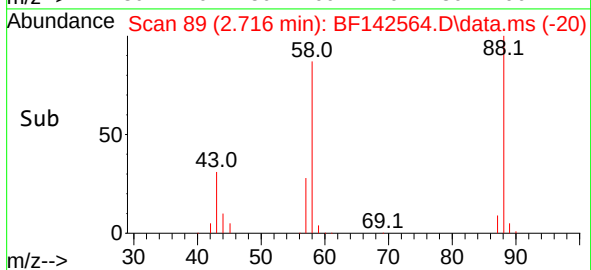
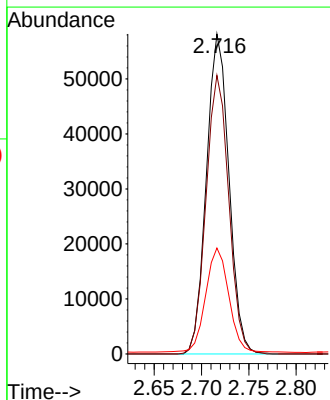
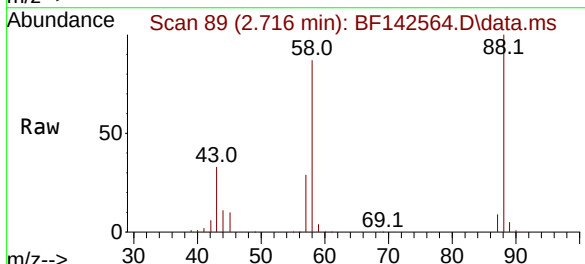
Instrument :
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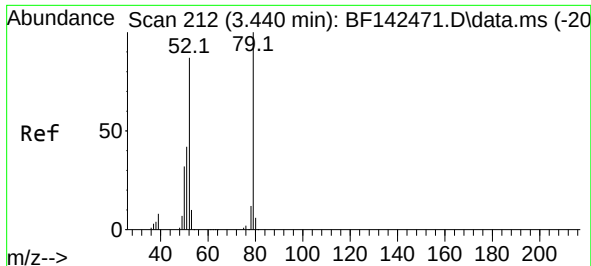
Tgt Ion:152 Resp: 111340
 Ion Ratio Lower Upper
 152 100
 150 158.8 128.2 192.4
 115 58.0 48.3 72.5



#2
 1,4-Dioxane
 Concen: 36.402 ng
 RT: 2.716 min Scan# 89
 Delta R.T. 0.053 min
 Lab File: BF142564.D
 Acq: 27 May 2025 16:21

Tgt Ion: 88 Resp: 96266
 Ion Ratio Lower Upper
 88 100
 58 88.0 70.8 106.2
 43 33.7 26.6 40.0

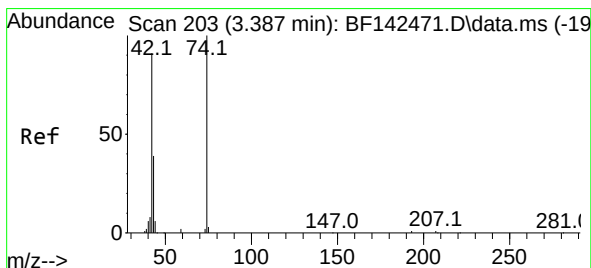
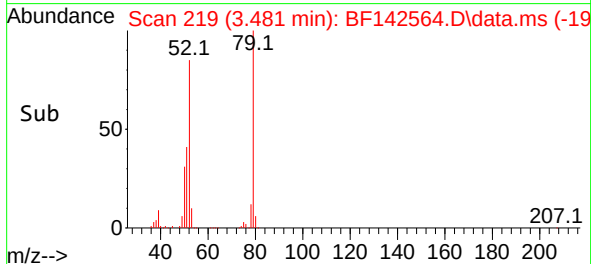
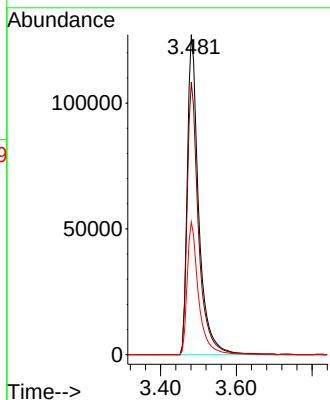
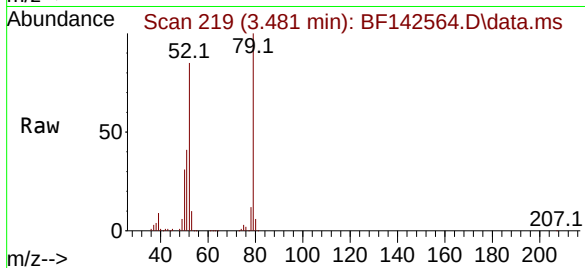




#3
Pyridine
Concen: 39.411 ng
RT: 3.481 min Scan# 211
Delta R.T. 0.041 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

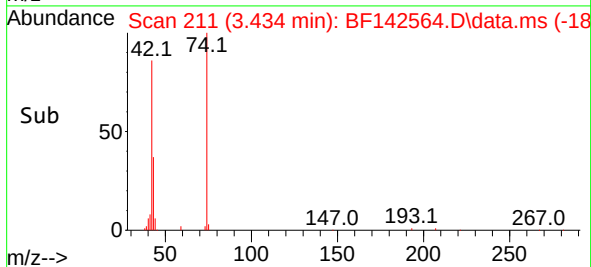
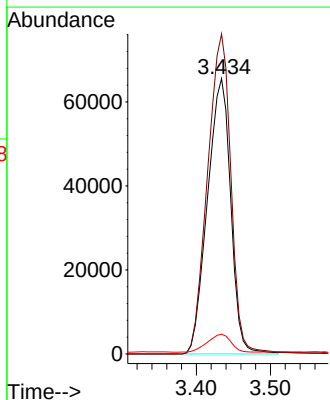
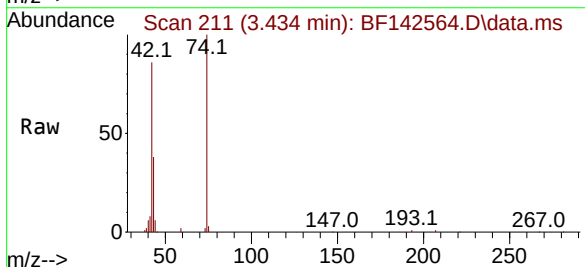
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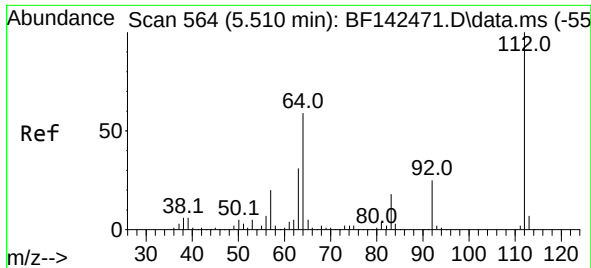
Tgt Ion: 79 Resp: 265407
Ion Ratio Lower Upper
79 100
52 85.2 69.2 103.8
51 41.5 33.3 49.9



#4
n-Nitrosodimethylamine
Concen: 40.850 ng
RT: 3.434 min Scan# 211
Delta R.T. 0.030 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion: 42 Resp: 142836
Ion Ratio Lower Upper
42 100
74 116.2 88.2 132.4
44 7.2 5.4 8.2

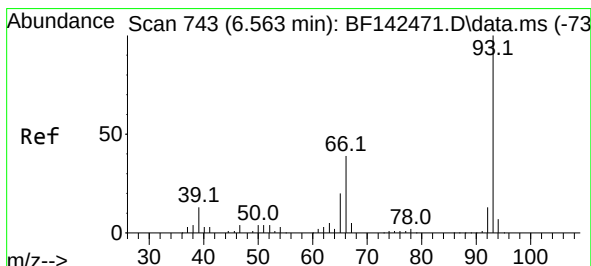
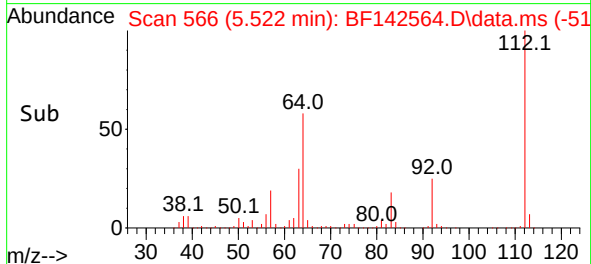
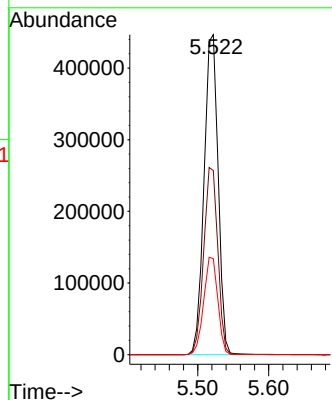
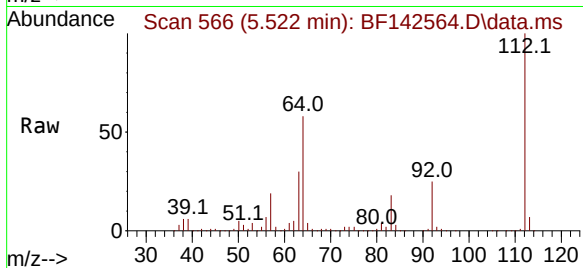




#5
2-Fluorophenol
Concen: 93.621 ng
RT: 5.522 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

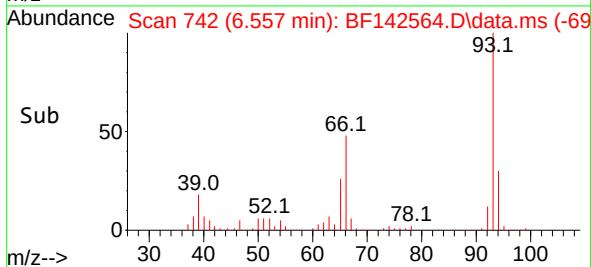
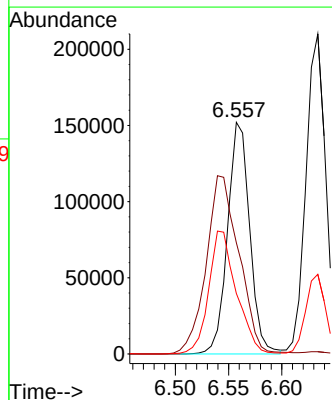
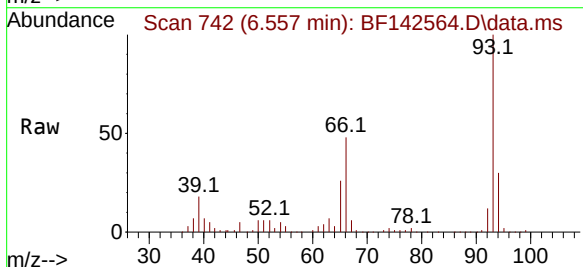
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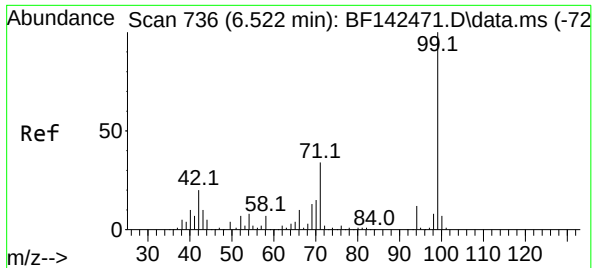
Tgt Ion:112 Resp: 618710
Ion Ratio Lower Upper
112 100
64 57.5 47.5 71.3
63 30.0 24.9 37.3



#6
Aniline
Concen: 20.558 ng
RT: 6.557 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion: 93 Resp: 219901
Ion Ratio Lower Upper
93 100
66 48.0 32.0 48.0
65 26.1 16.1 24.1#

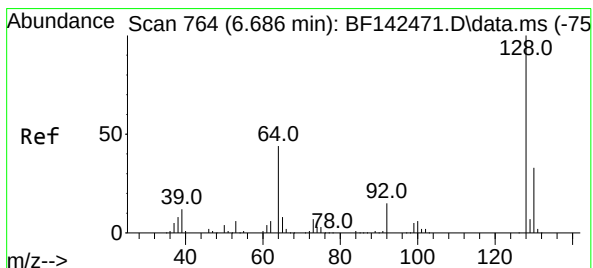
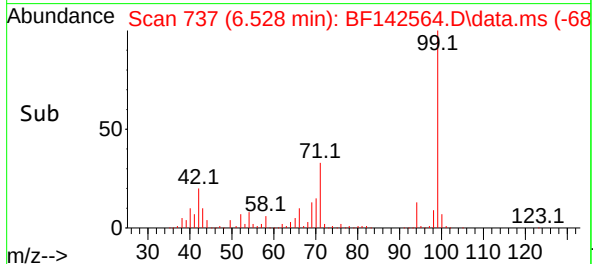
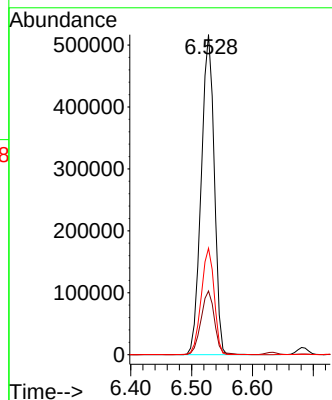
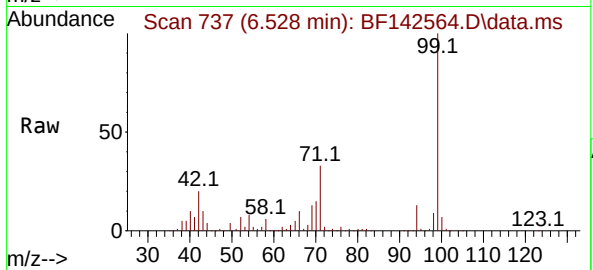




#7
Phenol-d6
Concen: 96.700 ng
RT: 6.528 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

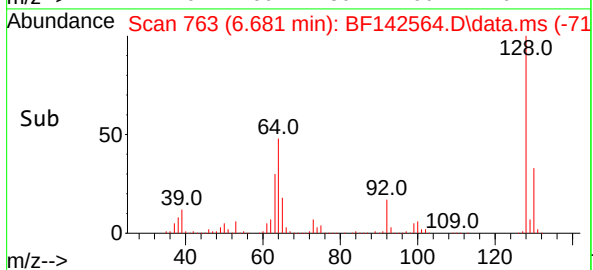
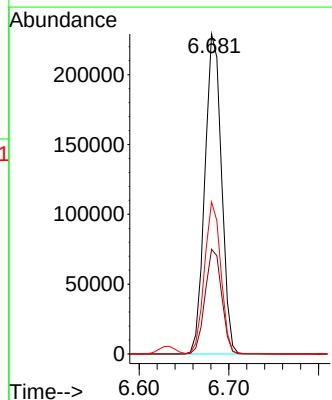
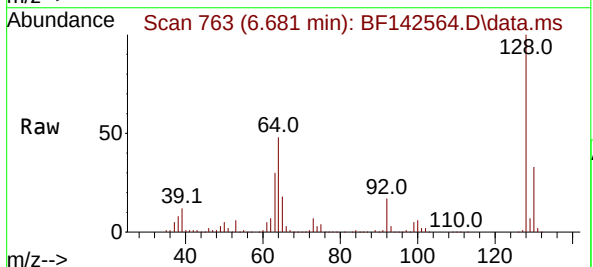
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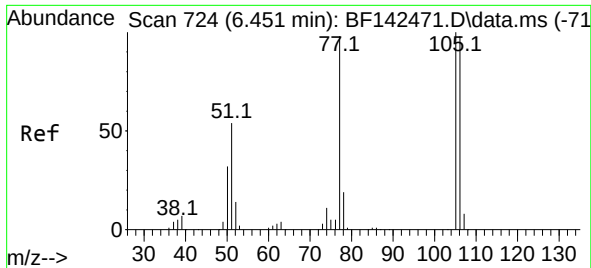
Tgt Ion: 99 Resp: 769271
Ion Ratio Lower Upper
99 100
42 19.9 16.2 24.2
71 33.2 27.3 40.9



#8
2-Chlorophenol
Concen: 40.918 ng
RT: 6.681 min Scan# 763
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion: 128 Resp: 294537
Ion Ratio Lower Upper
128 100
130 32.7 12.6 52.6
64 47.5 25.1 65.1

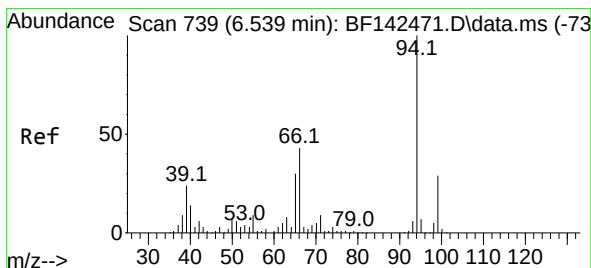
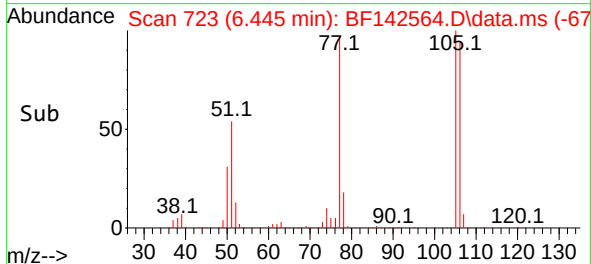
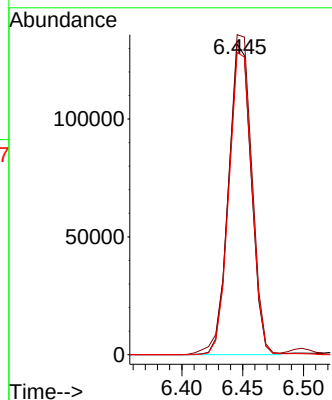
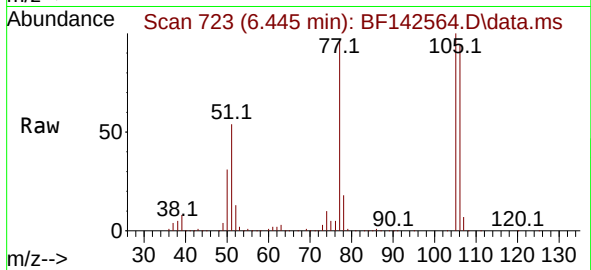




#9
Benzaldehyde
Concen: 35.577 ng
RT: 6.445 min Scan# 71
Delta R.T. -0.006 min
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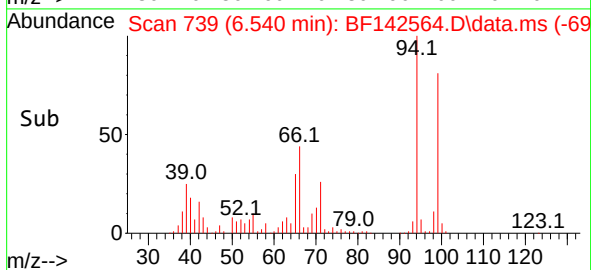
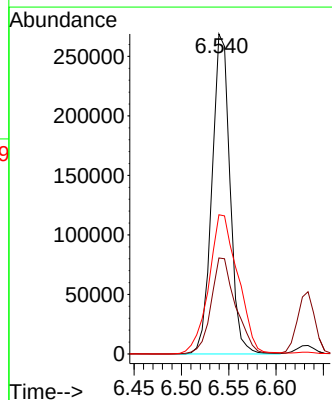
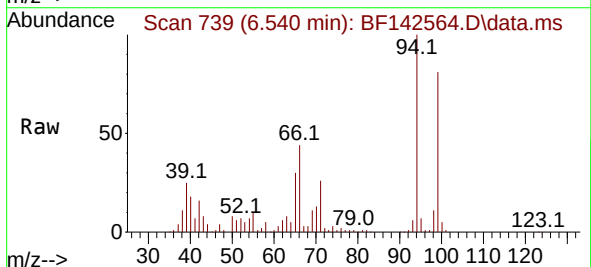
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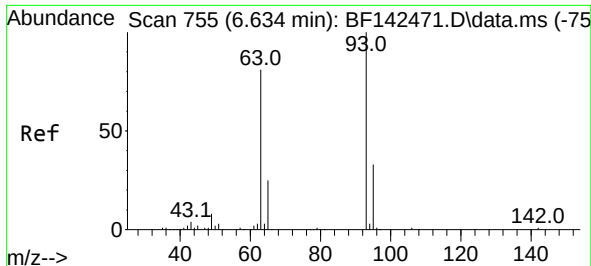
Tgt Ion: 77 Resp: 170229
Ion Ratio Lower Upper
77 100
105 103.1 82.5 122.5
106 97.4 80.0 120.0



#10
Phenol
Concen: 39.766 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion: 94 Resp: 355963
Ion Ratio Lower Upper
94 100
65 30.0 10.3 50.3
66 43.5 22.6 62.6





#11

bis(2-Chloroethyl)ether

Concen: 41.756 ng

RT: 6.634 min Scan# 755

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

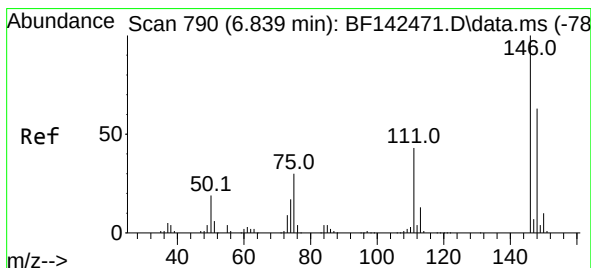
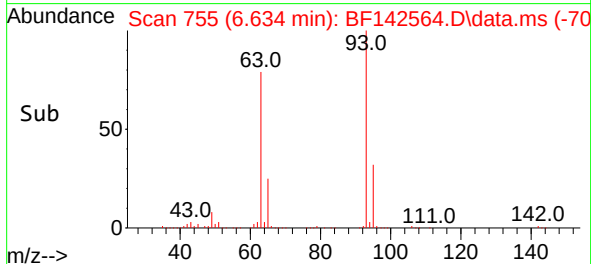
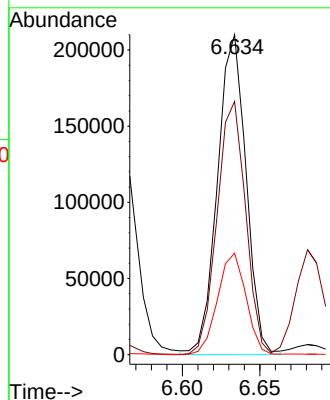
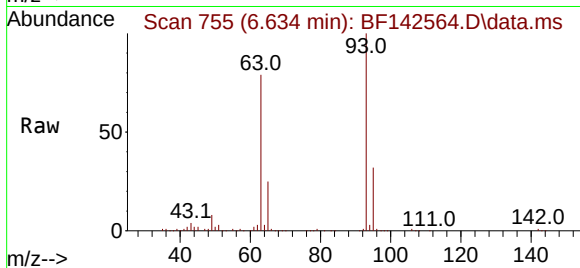
Tgt Ion: 93 Resp: 269055

Ion Ratio Lower Upper

93 100

63 79.1 60.2 100.2

95 31.7 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 39.784 ng

RT: 6.840 min Scan# 790

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

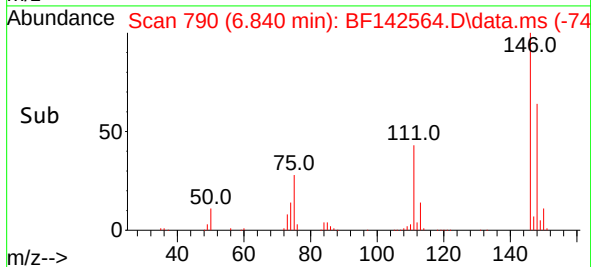
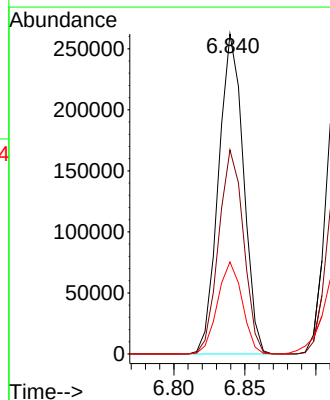
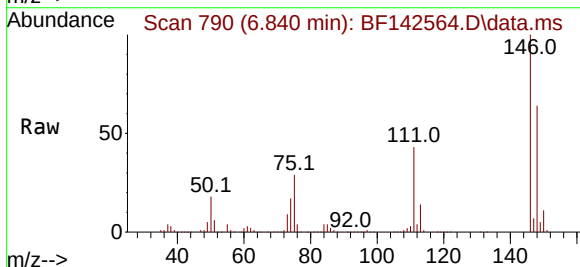
Tgt Ion:146 Resp: 319555

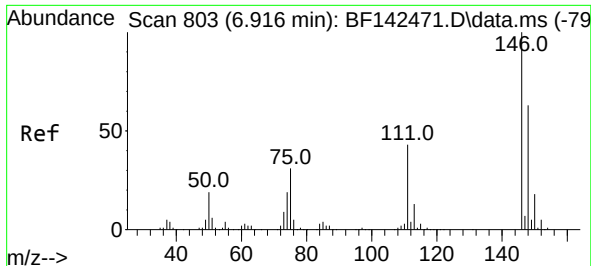
Ion Ratio Lower Upper

146 100

148 63.7 50.6 75.8

75 28.7 23.8 35.6

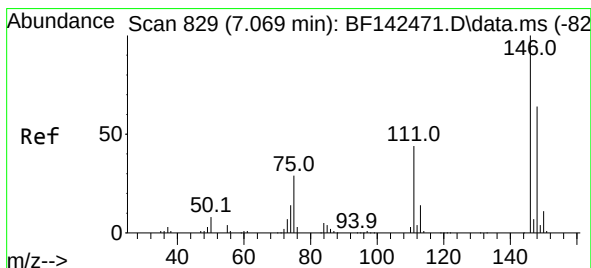
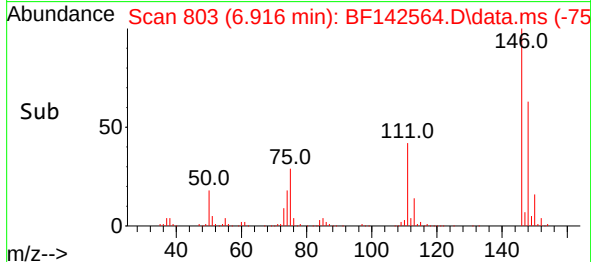
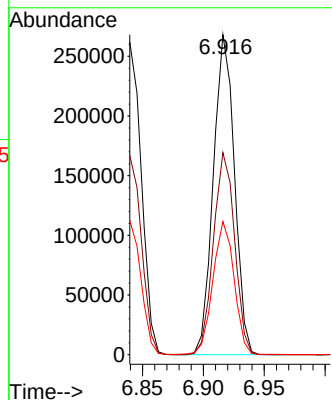
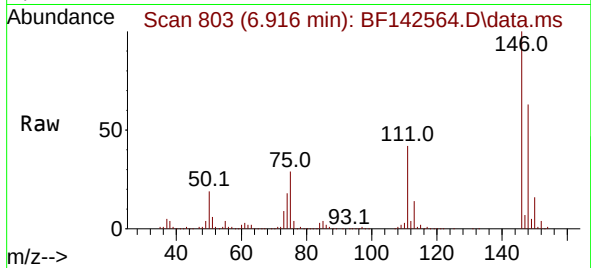




#13
1,4-Dichlorobenzene
Concen: 39.978 ng
RT: 6.916 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

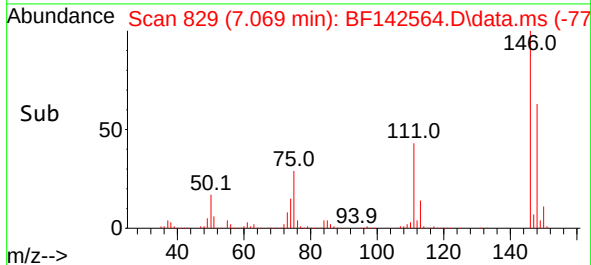
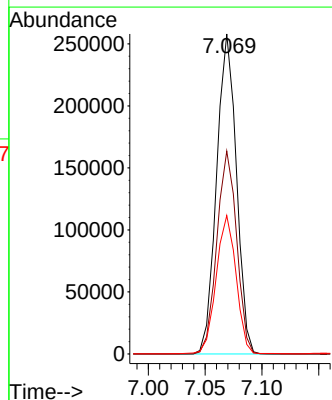
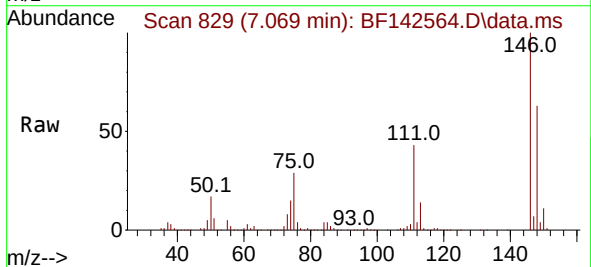
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

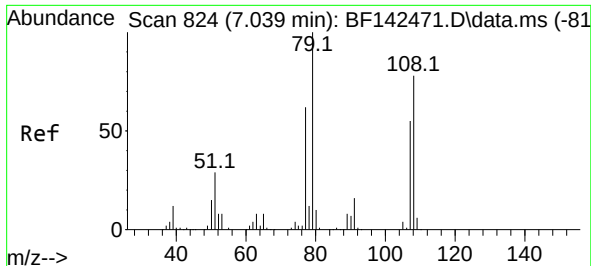
Tgt Ion:146 Resp: 323458
Ion Ratio Lower Upper
146 100
148 63.2 50.4 75.6
111 41.6 34.1 51.1



#14
1,2-Dichlorobenzene
Concen: 40.433 ng
RT: 7.069 min Scan# 829
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:146 Resp: 313029
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.4
111 43.2 35.0 52.6

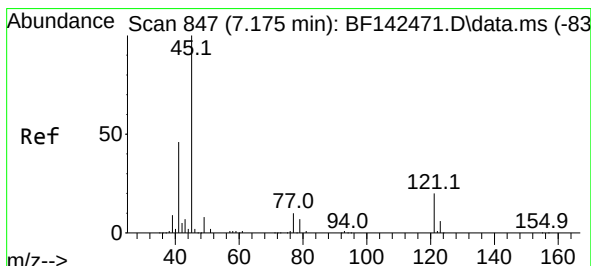
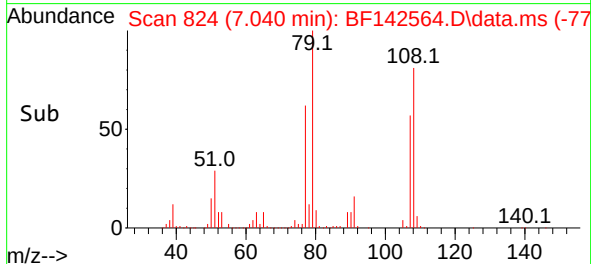
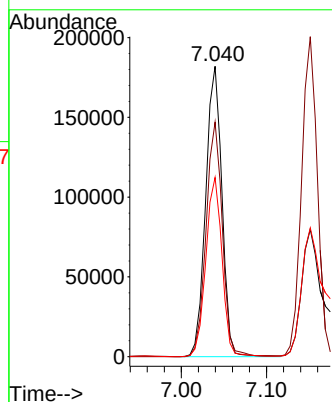
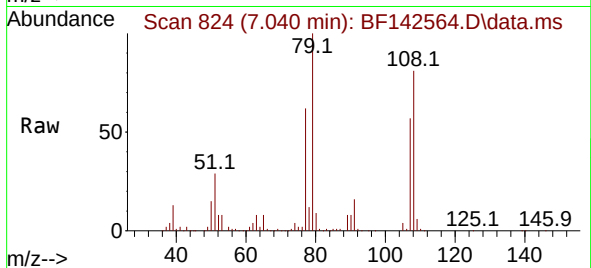




#15
Benzyl Alcohol
Concen: 41.097 ng
RT: 7.040 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

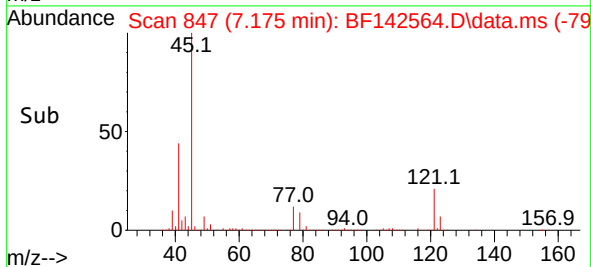
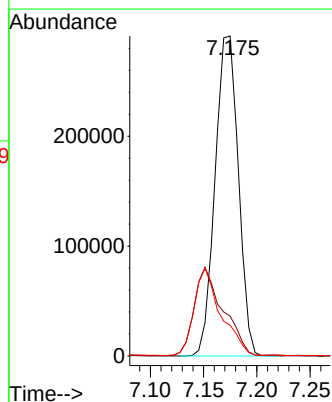
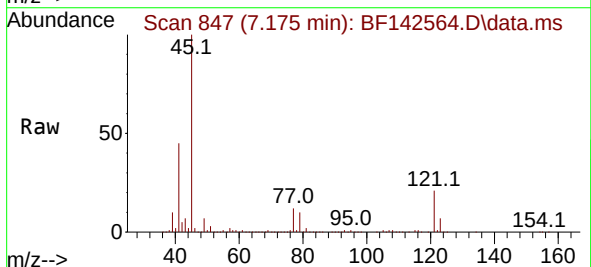
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

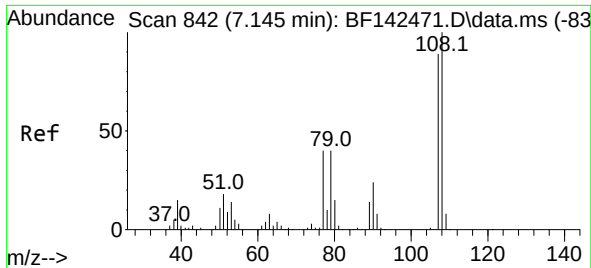
Tgt Ion: 79 Resp: 241609
Ion Ratio Lower Upper
79 100
108 80.8 62.1 93.1
77 61.7 49.5 74.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 40.828 ng
RT: 7.175 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion: 45 Resp: 441799
Ion Ratio Lower Upper
45 100
77 12.4 0.0 32.0
79 9.6 0.0 29.2

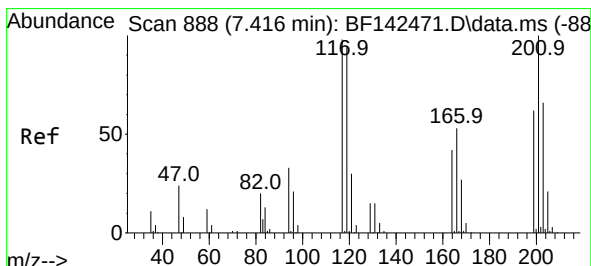
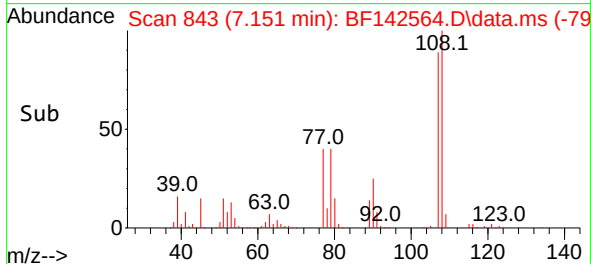
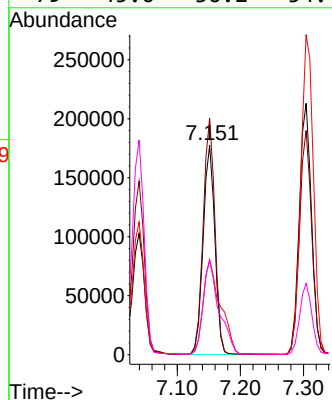
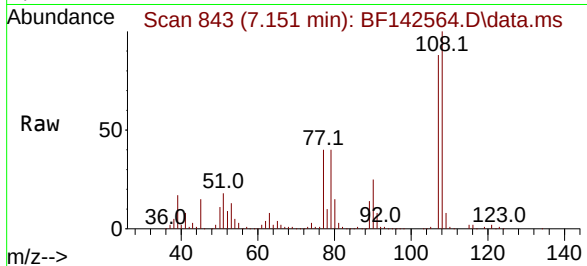




#17
2-Methylphenol
Concen: 40.728 ng
RT: 7.151 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

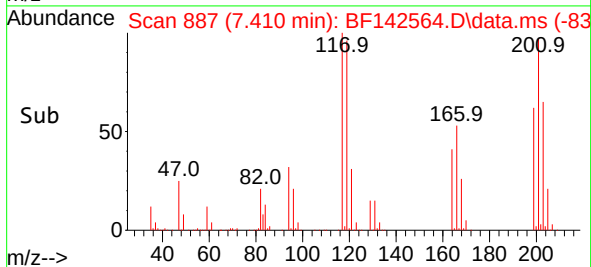
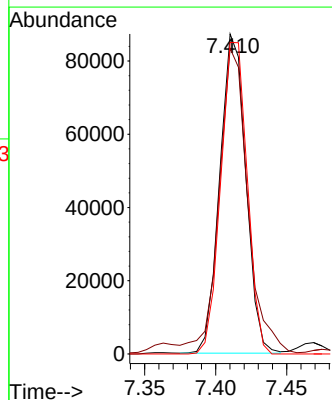
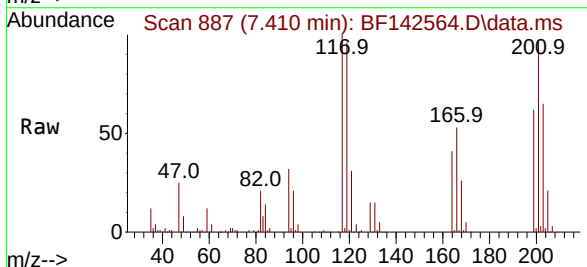
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

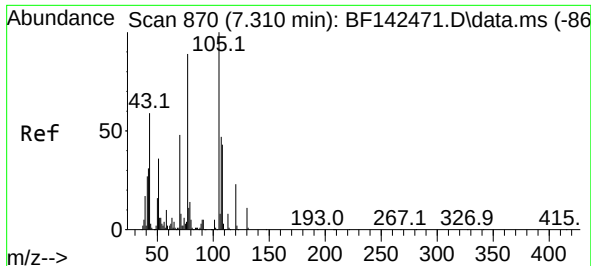
Tgt Ion:107 Resp: 228890
Ion Ratio Lower Upper
107 100
108 113.0 90.2 135.2
77 45.5 36.1 54.1
79 45.0 36.2 54.4



#18
Hexachloroethane
Concen: 39.275 ng
RT: 7.410 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:117 Resp: 110960
Ion Ratio Lower Upper
117 100
119 95.5 76.6 114.8
201 97.4 81.3 121.9

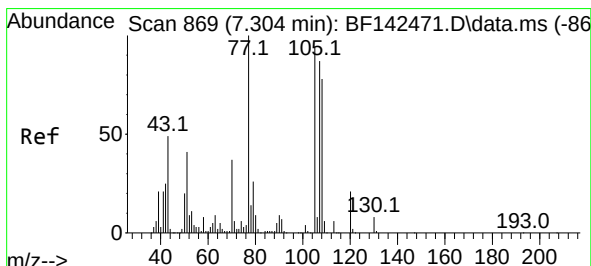
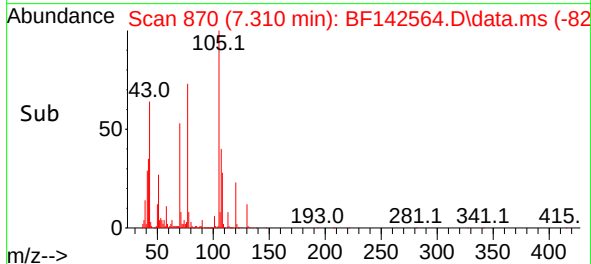
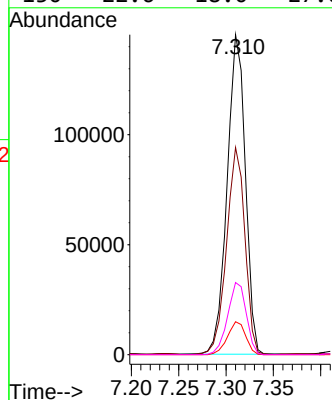
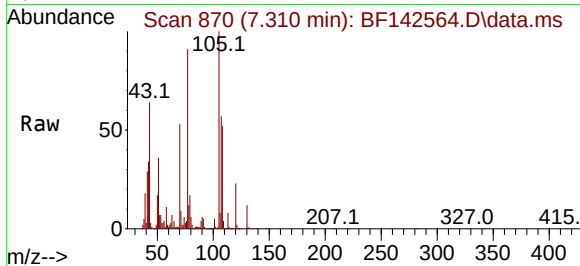




#19
n-Nitroso-di-n-propylamine
Concen: 39.471 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

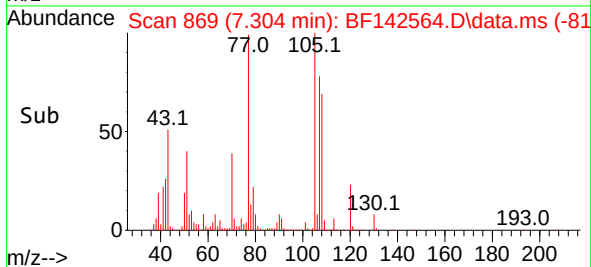
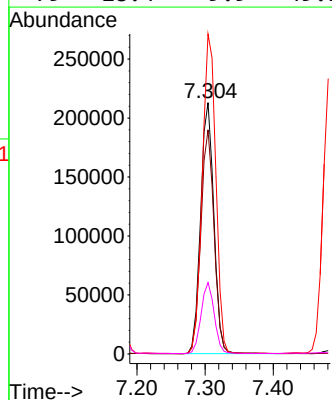
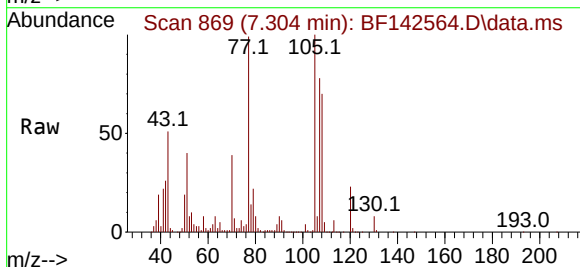
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

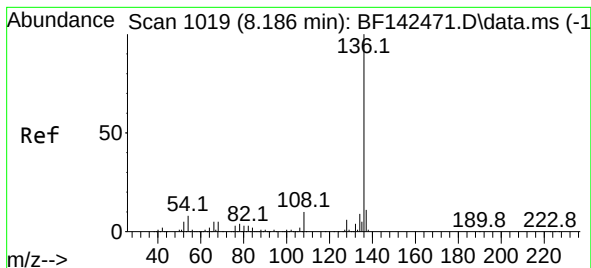
Tgt Ion: 70 Resp: 194604
Ion Ratio Lower Upper
70 100
42 64.8 52.4 78.6
101 10.3 7.8 11.8
130 22.6 18.0 27.0



#20
3+4-Methylphenols
Concen: 39.901 ng
RT: 7.304 min Scan# 869
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion: 107 Resp: 287167
Ion Ratio Lower Upper
107 100
108 89.2 70.4 110.4
77 127.3 95.4 135.4
79 28.4 9.9 49.9

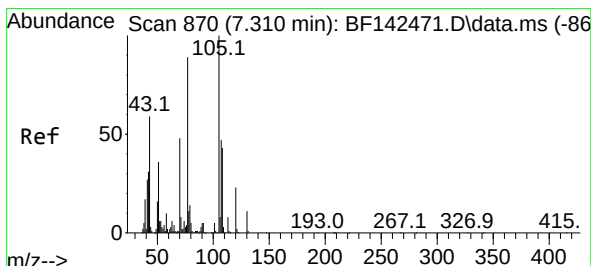
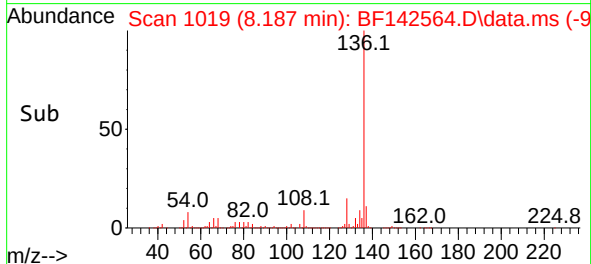
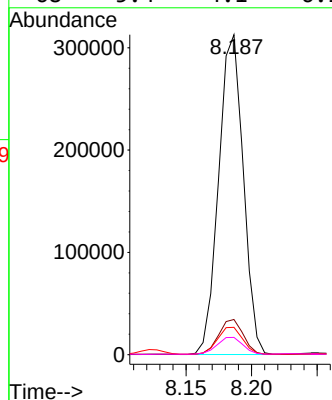
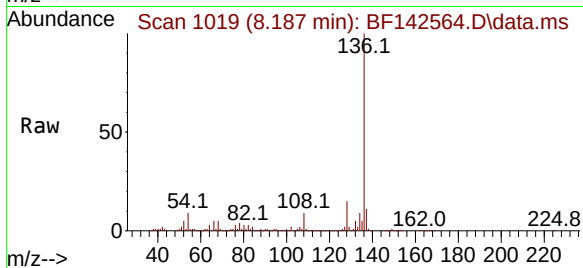




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.187 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

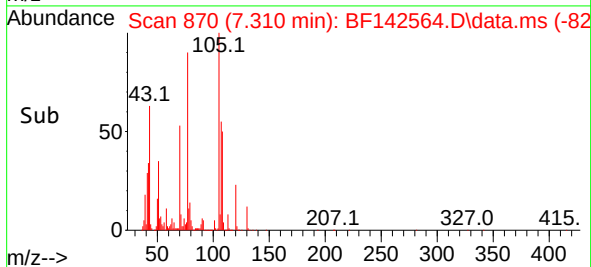
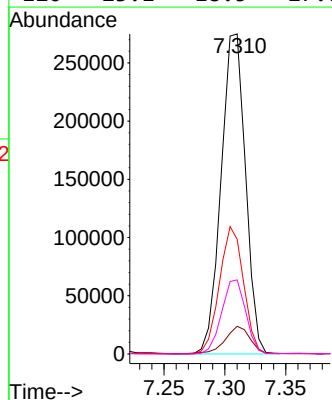
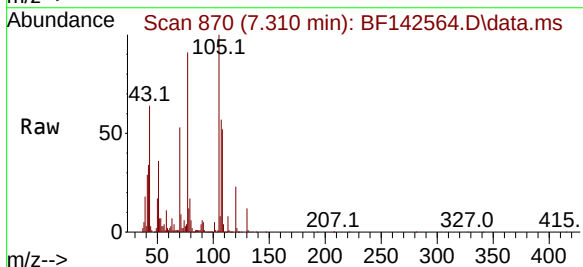
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

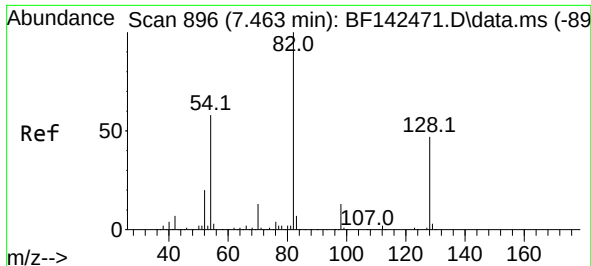
Tgt Ion:136 Resp: 407609
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 8.5 6.6 10.0
68 5.4 4.1 6.1



#22
Acetophenone
Concen: 42.579 ng
RT: 7.310 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:105 Resp: 384196
Ion Ratio Lower Upper
105 100
71 8.6 6.4 9.6
51 35.9 28.6 42.8
120 23.1 18.5 27.7





#23

Nitrobenzene-d5

Concen: 61.753 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

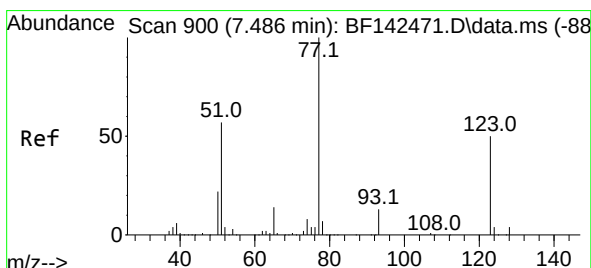
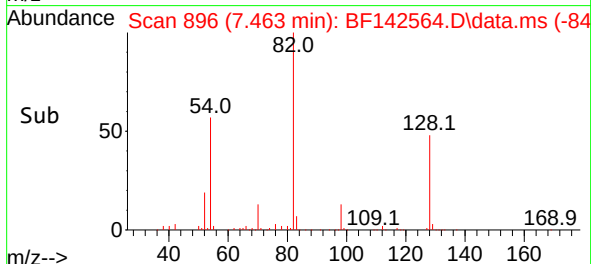
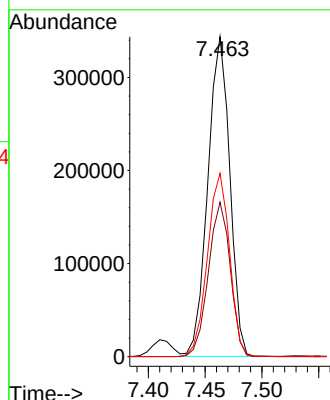
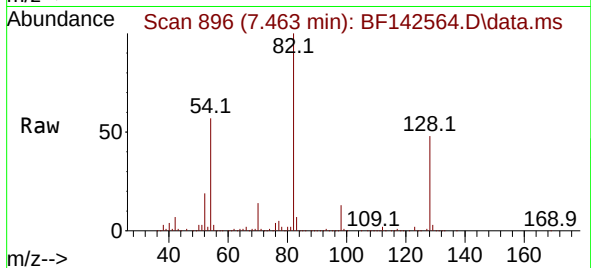
Tgt Ion: 82 Resp: 461608

Ion Ratio Lower Upper

82 100

128 48.3 37.4 56.2

54 57.3 46.6 70.0



#24

Nitrobenzene

Concen: 42.423 ng

RT: 7.481 min Scan# 899

Delta R.T. -0.012 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

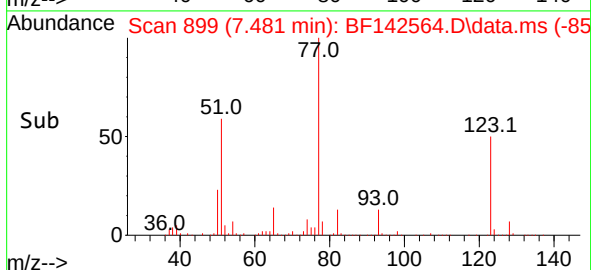
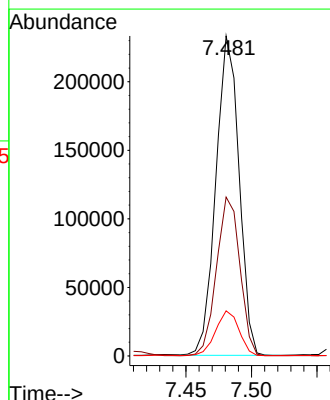
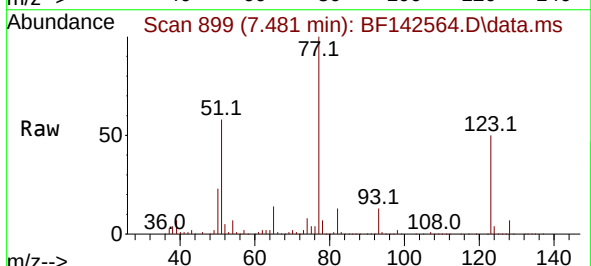
Tgt Ion: 77 Resp: 286009

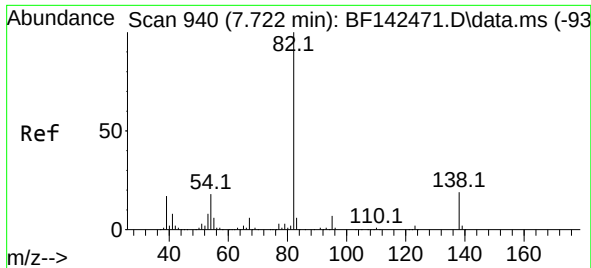
Ion Ratio Lower Upper

77 100

123 49.7 40.6 61.0

65 14.1 11.4 17.2

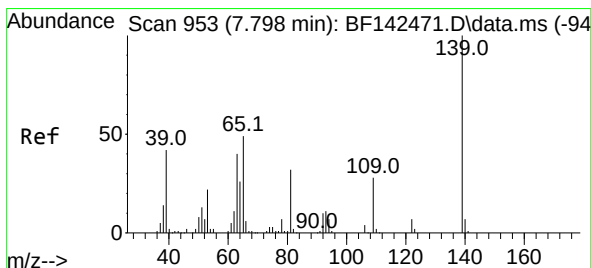
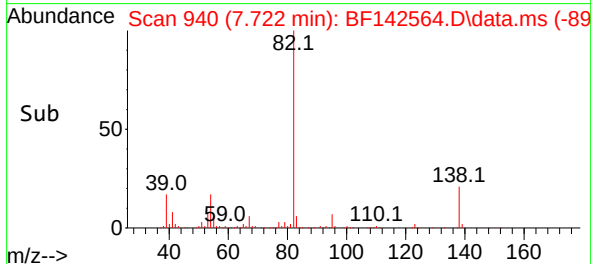
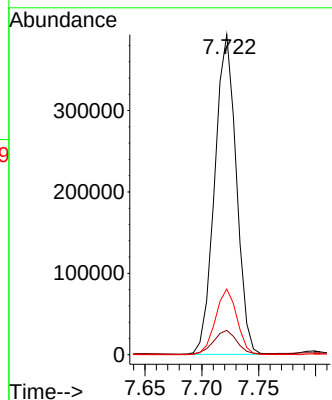
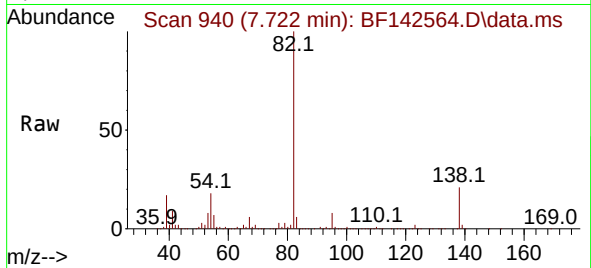




#25
Isophorone
Concen: 41.517 ng
RT: 7.722 min Scan# 940
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

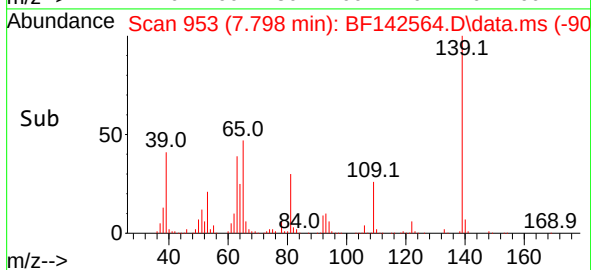
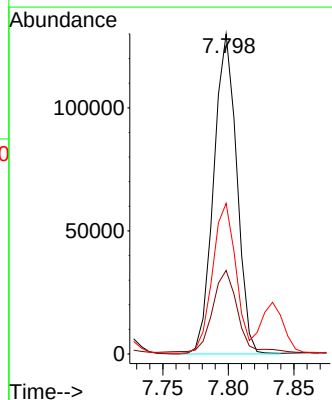
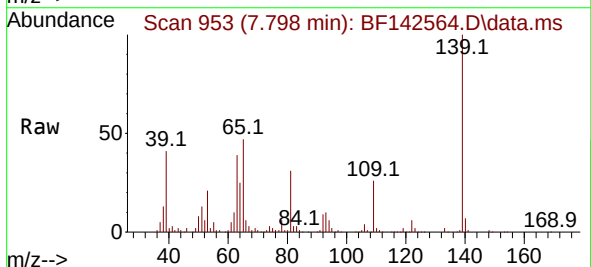
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

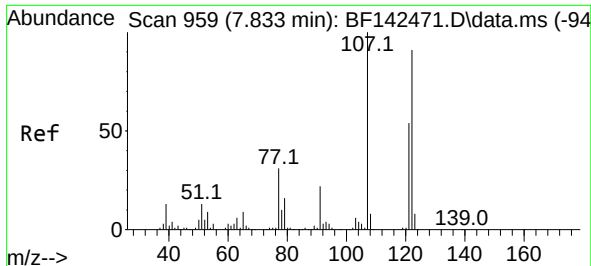
Tgt Ion: 82 Resp: 518878
Ion Ratio Lower Upper
82 100
95 7.6 6.0 9.0
138 20.5 15.5 23.3



#26
2-Nitrophenol
Concen: 44.088 ng
RT: 7.798 min Scan# 953
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:139 Resp: 158822
Ion Ratio Lower Upper
139 100
109 26.1 22.6 33.8
65 47.1 39.4 59.0





#27

2,4-Dimethylphenol

Concen: 42.796 ng

RT: 7.834 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142564.D

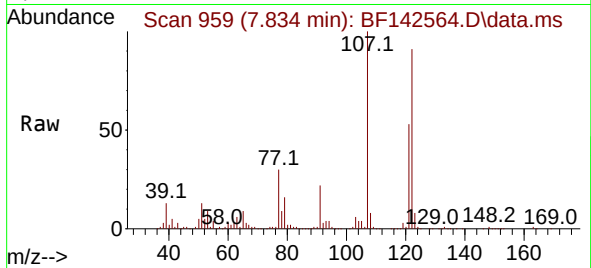
Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



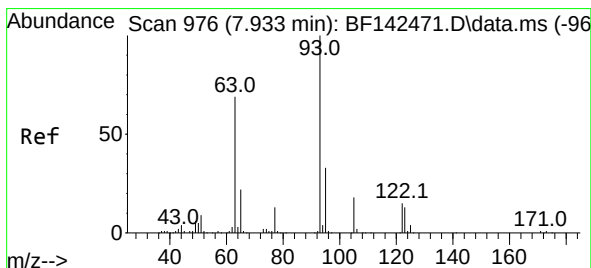
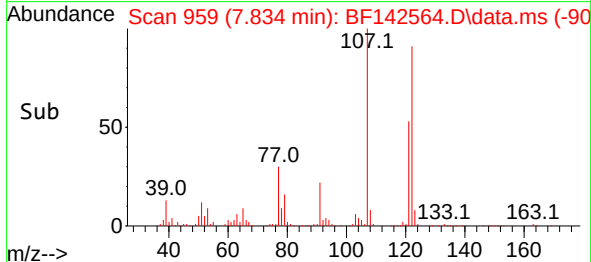
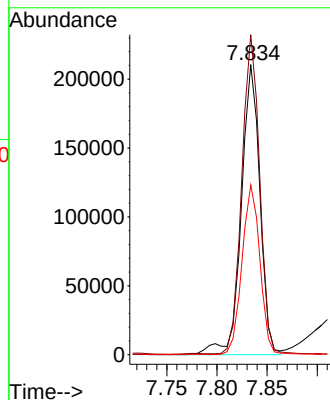
Tgt Ion:122 Resp: 271876

Ion Ratio Lower Upper

122 100

107 110.3 88.1 132.1

121 58.5 47.3 70.9



#28

bis(2-Chloroethoxy)methane

Concen: 42.302 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

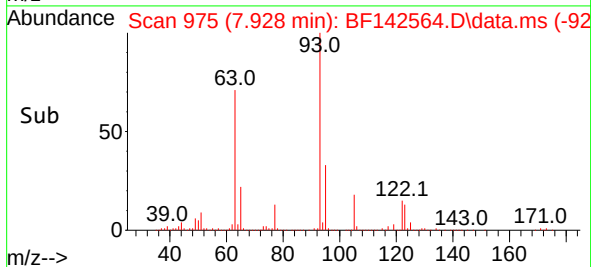
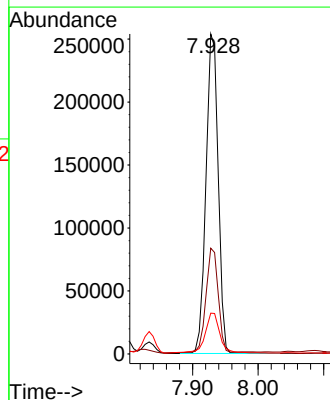
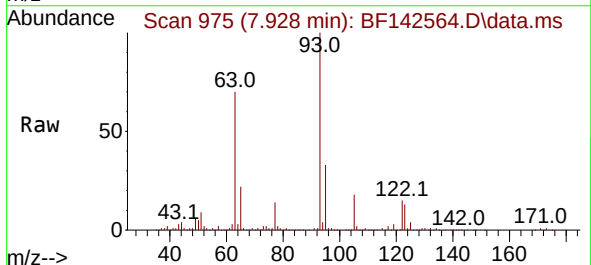
Tgt Ion: 93 Resp: 330258

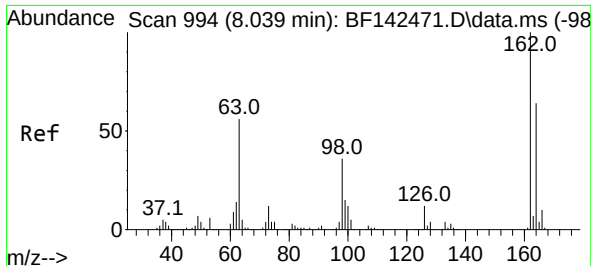
Ion Ratio Lower Upper

93 100

95 33.1 26.4 39.6

123 12.8 10.6 15.8





#29

2,4-Dichlorophenol

Concen: 41.753 ng

RT: 8.039 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF142564.D

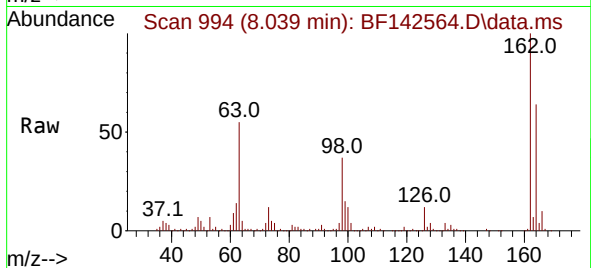
Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD



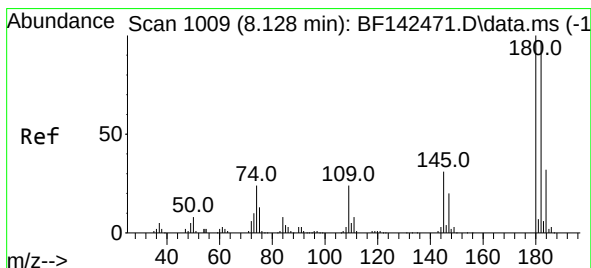
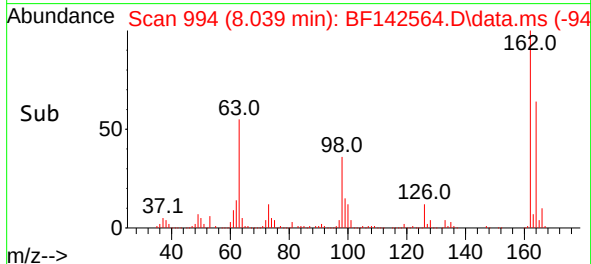
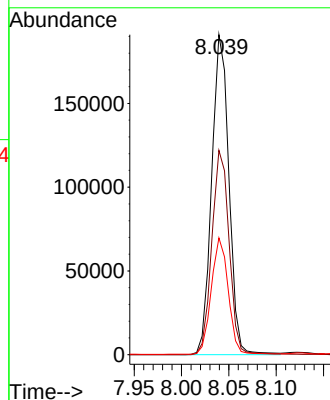
Tgt Ion:162 Resp: 241226

Ion Ratio Lower Upper

162 100

164 63.9 43.7 83.7

98 36.5 15.5 55.5



#30

1,2,4-Trichlorobenzene

Concen: 41.020 ng

RT: 8.122 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

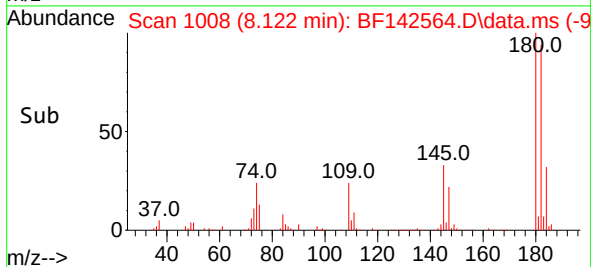
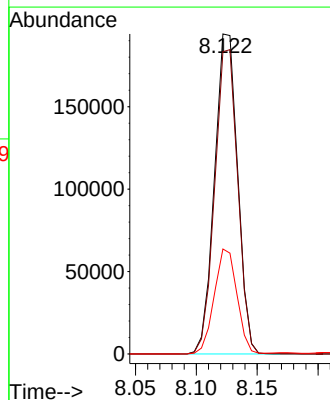
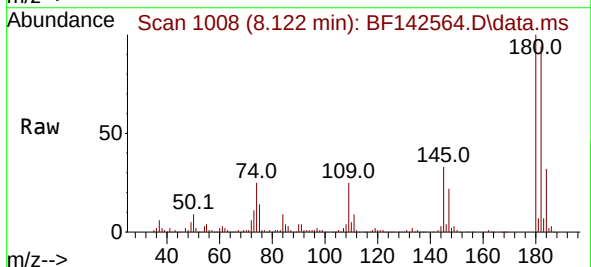
Tgt Ion:180 Resp: 257199

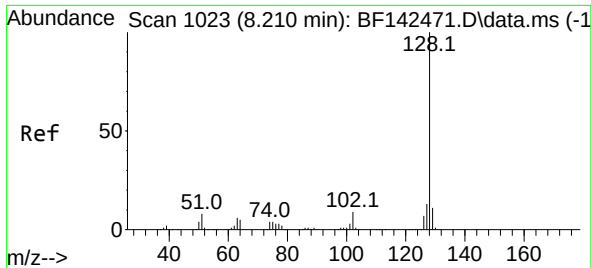
Ion Ratio Lower Upper

180 100

182 94.4 78.0 117.0

145 32.8 25.0 37.6

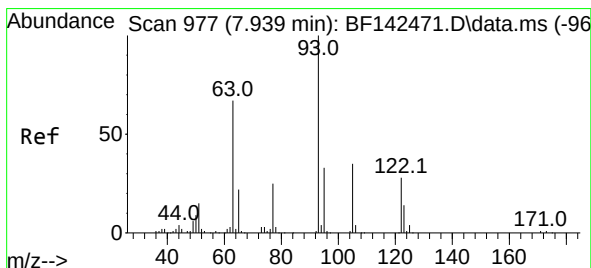
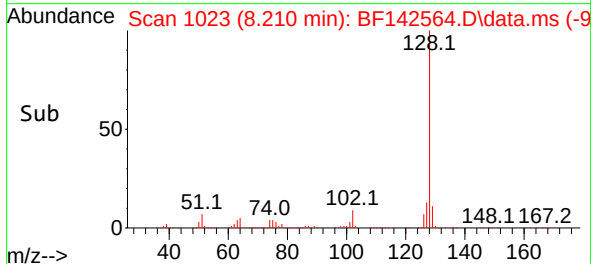
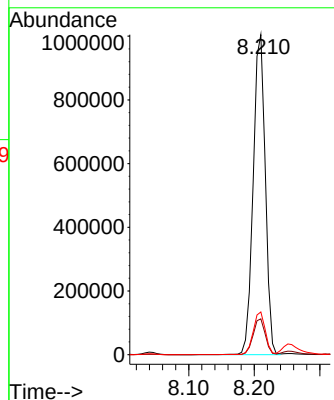
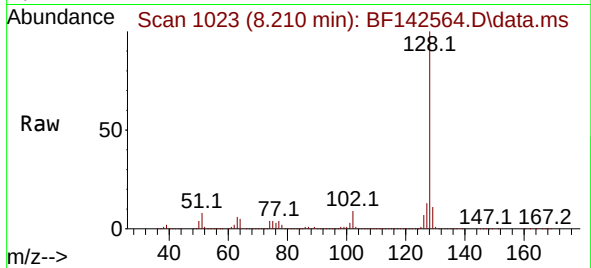




#31
Naphthalene
Concen: 64.259 ng
RT: 8.210 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

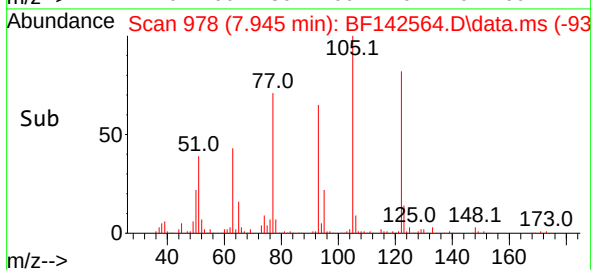
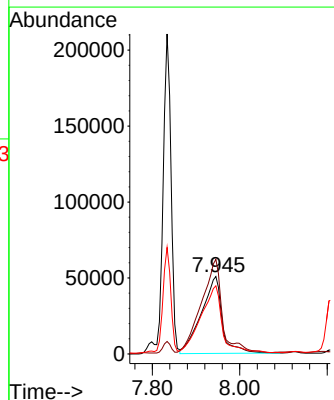
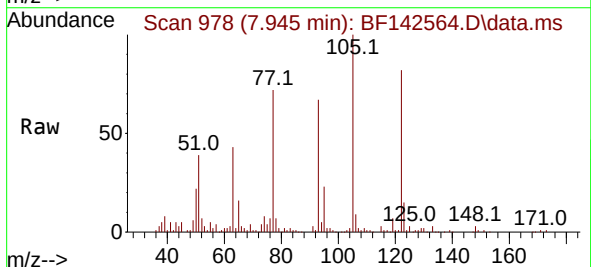
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

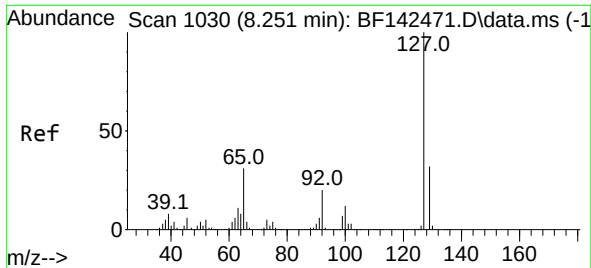
Tgt Ion:128 Resp: 1289698
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.5 15.7



#32
Benzoic acid
Concen: 43.586 ng
RT: 7.945 min Scan# 978
Delta R.T. -0.030 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:122 Resp: 168556
Ion Ratio Lower Upper
122 100
105 122.2 101.7 141.7
77 88.0 69.5 109.5

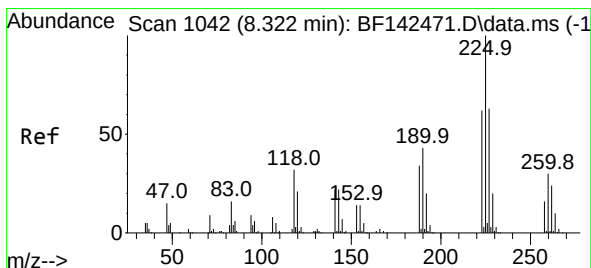
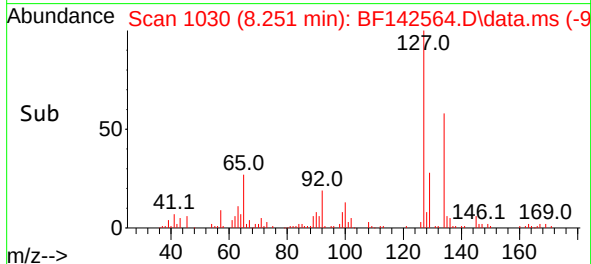
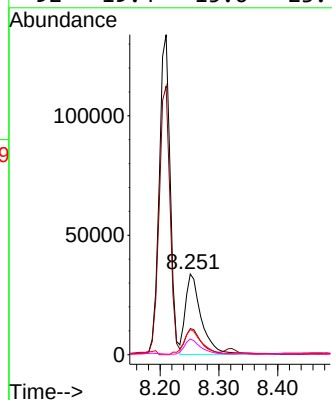
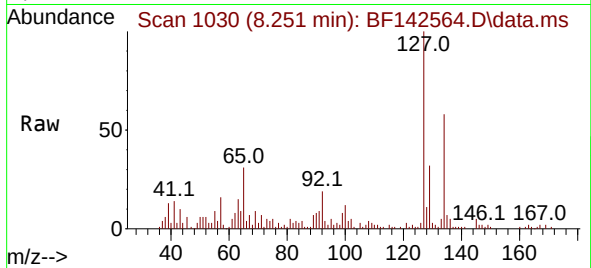




#33
4-Chloroaniline
Concen: 7.768 ng
RT: 8.251 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

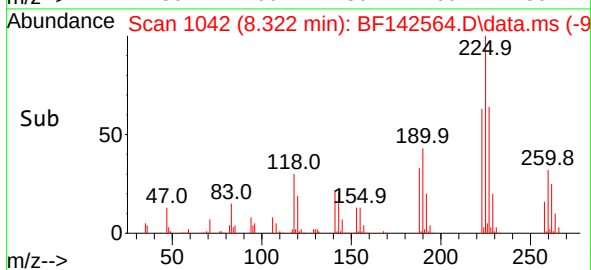
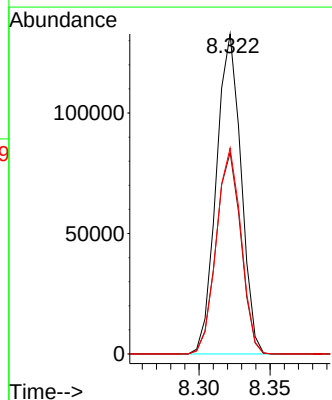
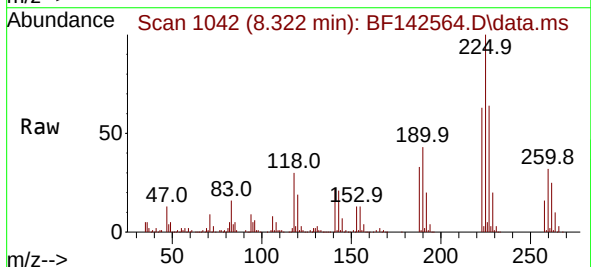
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

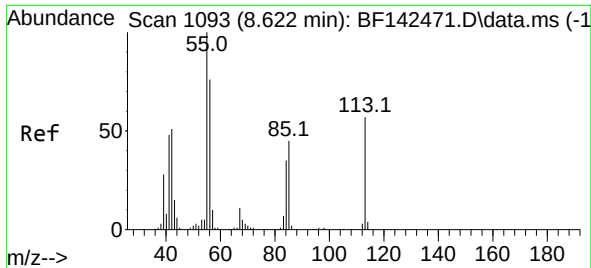
Tgt Ion:	127	Resp:	63174
Ion	Ratio	Lower	Upper
127	100		
129	32.5	26.1	39.1
65	31.2	24.9	37.3
92	19.4	15.6	23.4



#34
Hexachlorobutadiene
Concen: 40.952 ng
RT: 8.322 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:	225	Resp:	160330
Ion	Ratio	Lower	Upper
225	100		
223	62.9	49.7	74.5
227	64.3	50.3	75.5

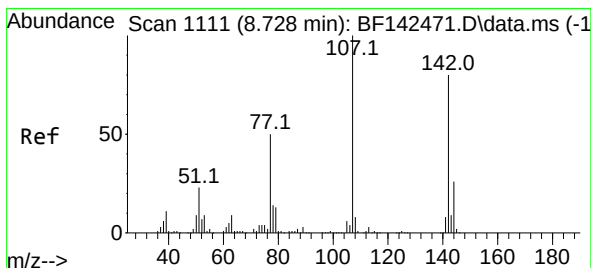
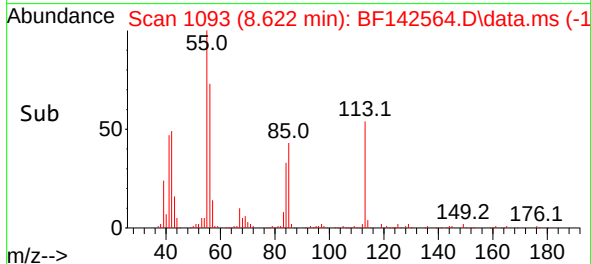
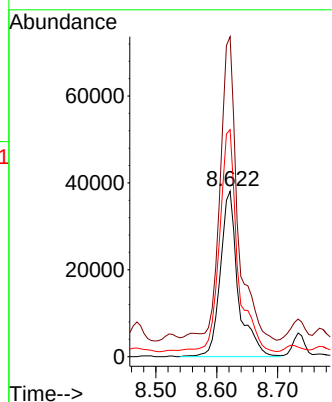
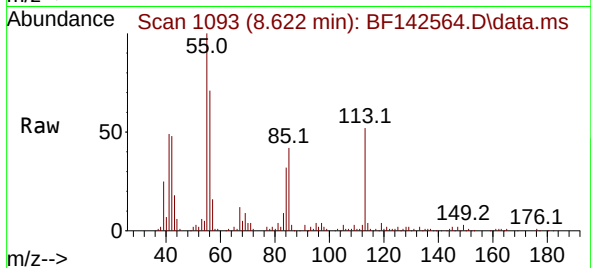




#35
 Caprolactam
 Concen: 47.842 ng
 RT: 8.622 min Scan# 1109
 Delta R.T. -0.023 min
 Lab File: BF142564.D
 Acq: 27 May 2025 16:21

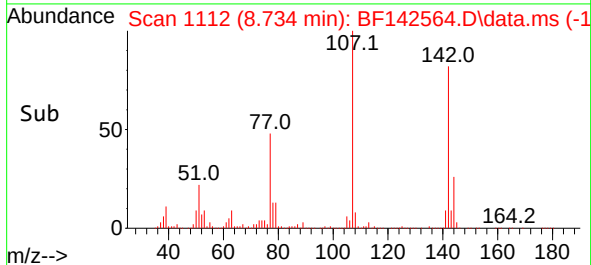
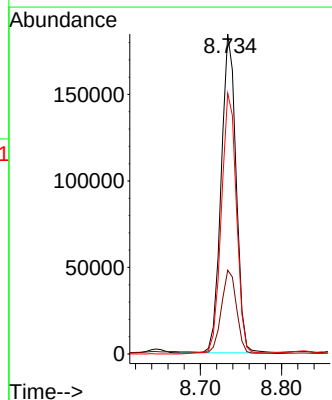
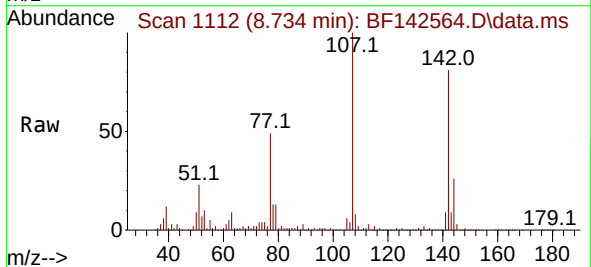
Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

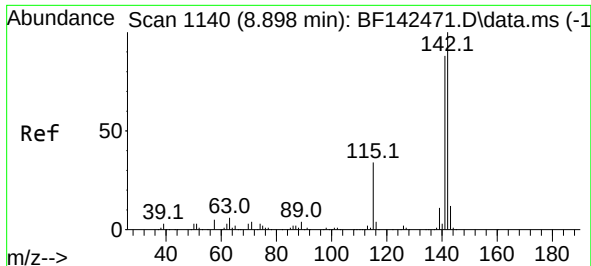
Tgt Ion:113 Resp: 77631
 Ion Ratio Lower Upper
 113 100
 55 193.4 154.7 194.7
 56 137.2 113.2 153.2



#36
 4-Chloro-3-methylphenol
 Concen: 39.914 ng
 RT: 8.734 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF142564.D
 Acq: 27 May 2025 16:21

Tgt Ion:107 Resp: 236330
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.9 31.3
 142 81.5 64.2 96.2

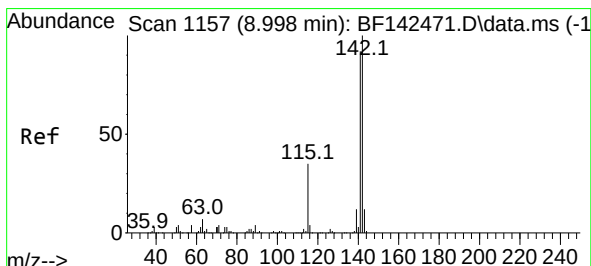
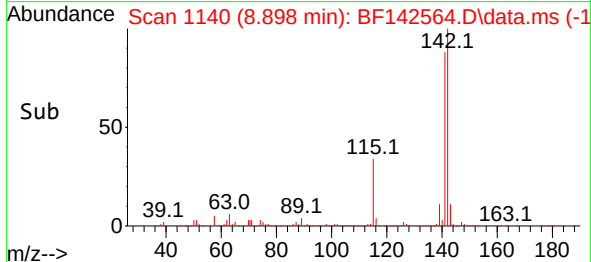
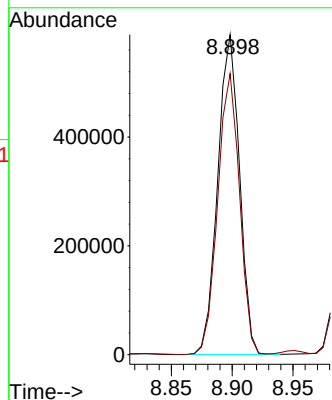
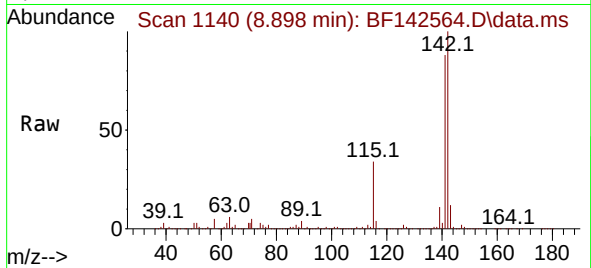




#37
2-Methylnaphthalene
Concen: 57.952 ng
RT: 8.898 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

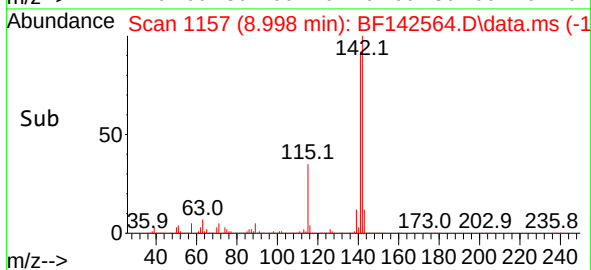
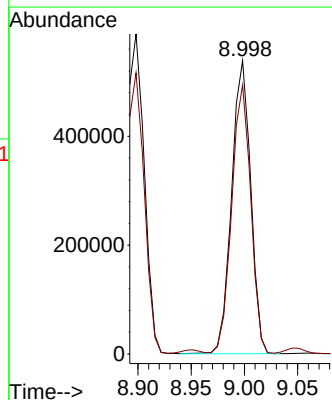
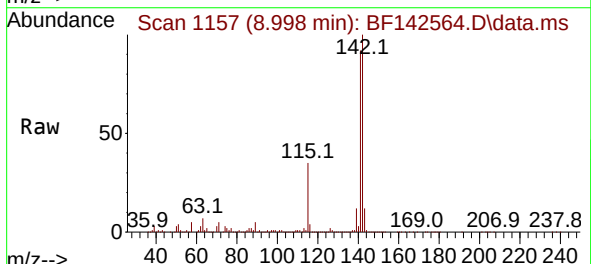
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

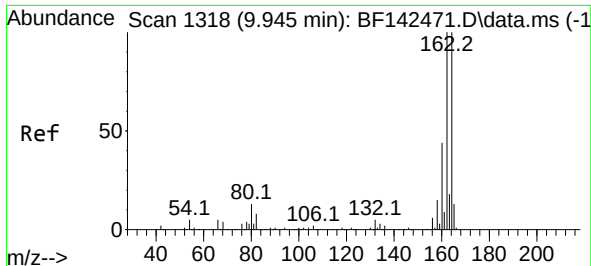
Tgt Ion:142 Resp: 731752
Ion Ratio Lower Upper
142 100
141 87.9 70.7 106.1



#38
1-Methylnaphthalene
Concen: 51.436 ng
RT: 8.998 min Scan# 1157
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:142 Resp: 671800
Ion Ratio Lower Upper
142 100
141 91.7 73.4 110.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.939 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

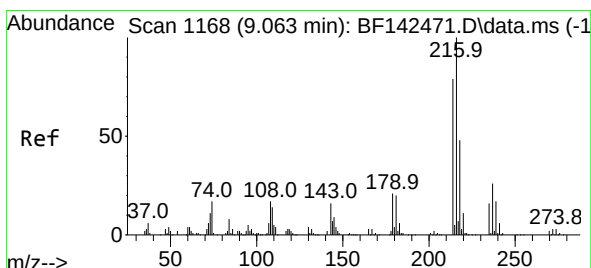
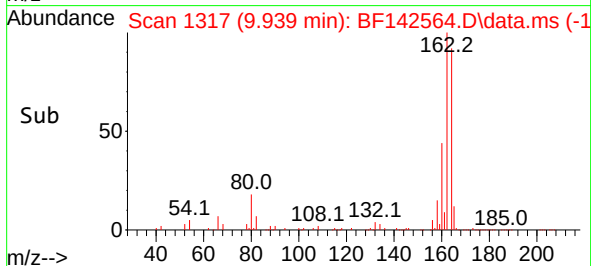
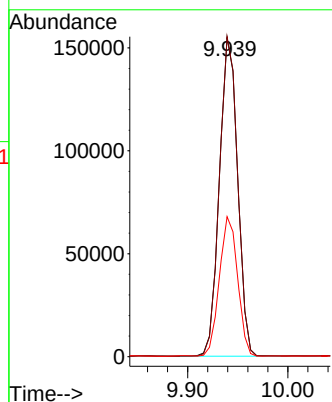
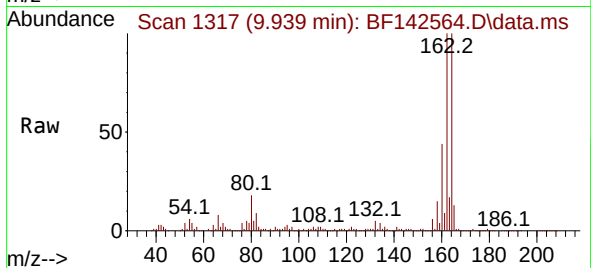
Tgt Ion:164 Resp: 195524

Ion Ratio Lower Upper

164 100

162 100.3 80.2 120.4

160 43.9 35.6 53.4



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.966 ng

RT: 9.063 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Tgt Ion:216 Resp: 252380

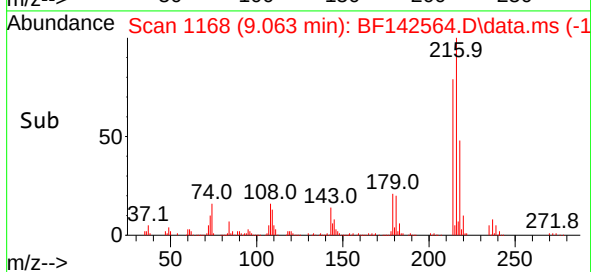
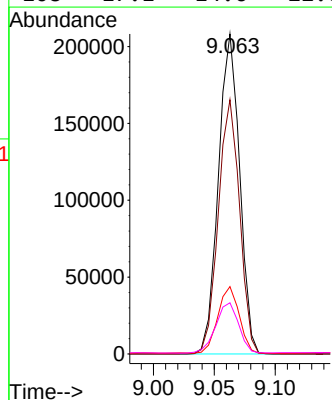
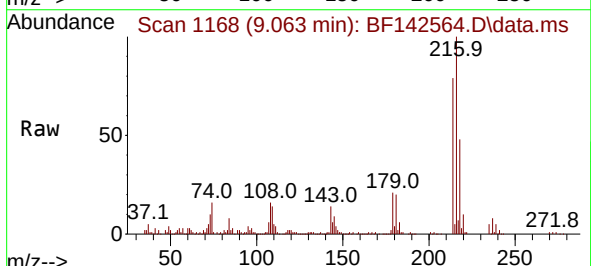
Ion Ratio Lower Upper

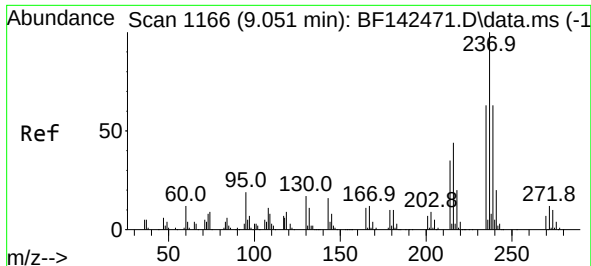
216 100

214 79.6 62.9 94.3

179 21.2 16.9 25.3

108 17.1 14.6 22.0

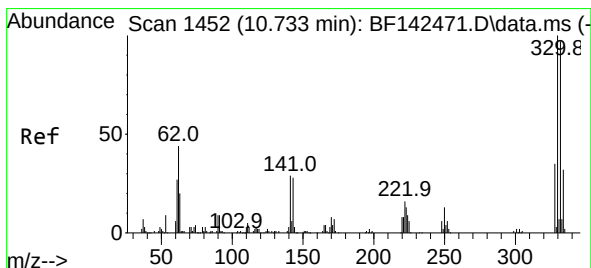
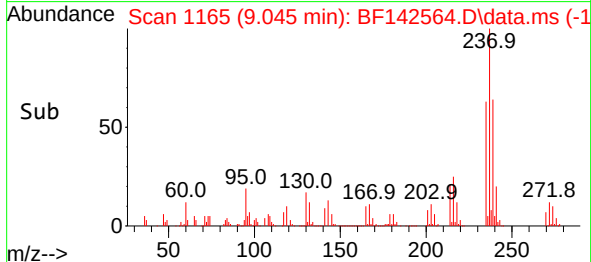
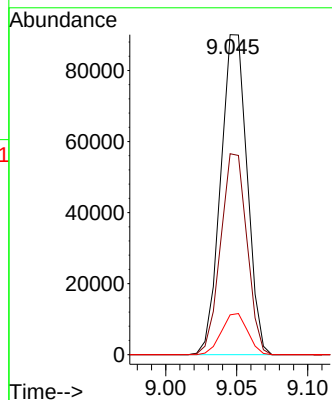
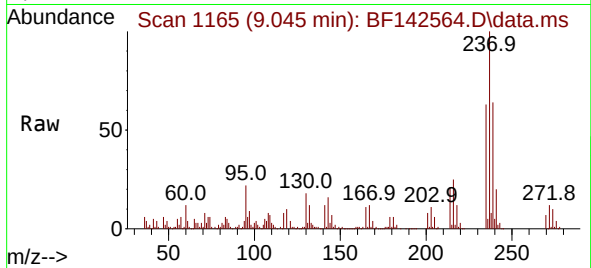




#41
Hexachlorocyclopentadiene
Concen: 30.784 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

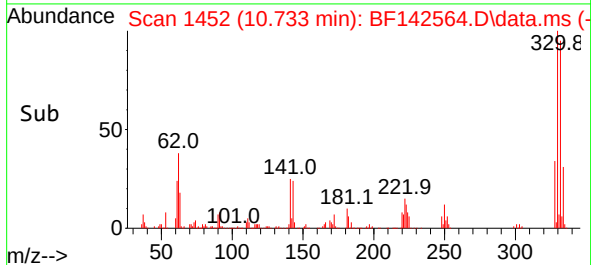
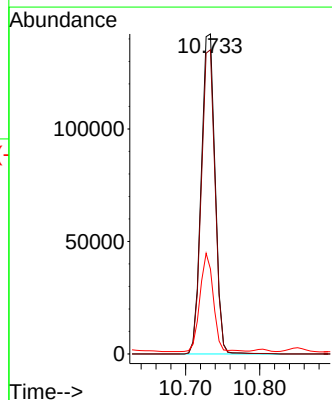
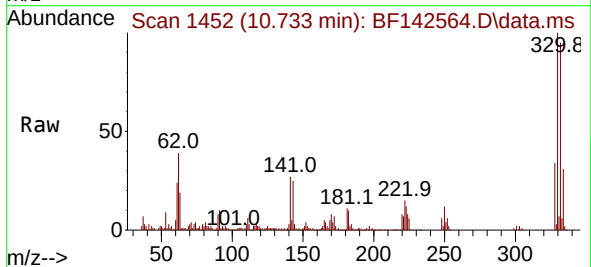
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

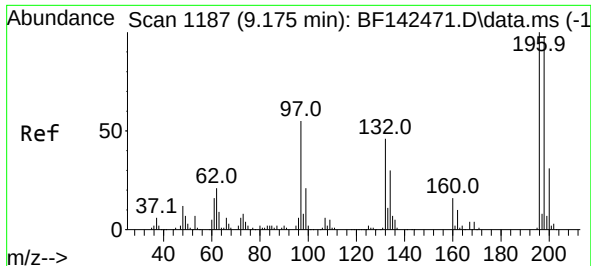
Tgt Ion:237 Resp: 116557
Ion Ratio Lower Upper
237 100
235 62.8 43.3 83.3
272 12.4 0.0 32.4



#42
2,4,6-Tribromophenol
Concen: 84.763 ng
RT: 10.733 min Scan# 1452
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

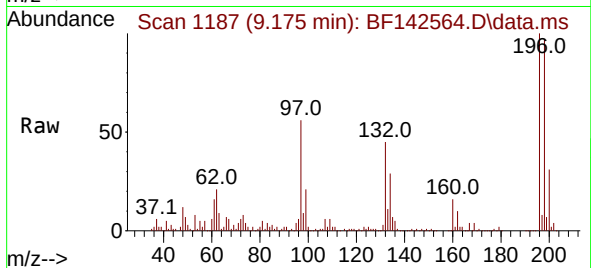
Tgt Ion:330 Resp: 183941
Ion Ratio Lower Upper
330 100
332 94.8 77.6 116.4
141 29.6 24.6 36.8



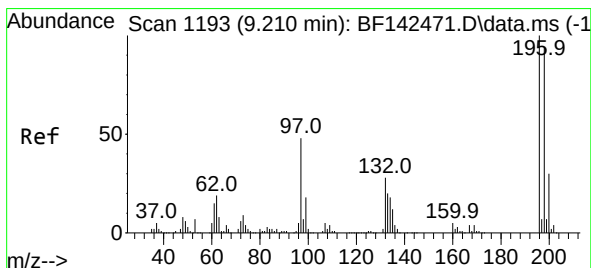
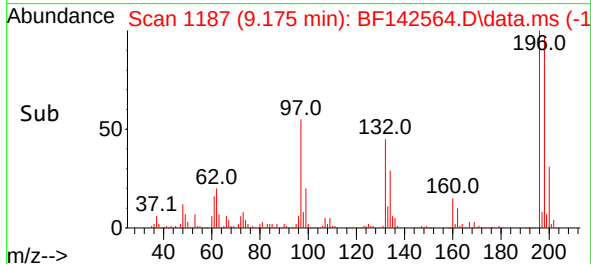
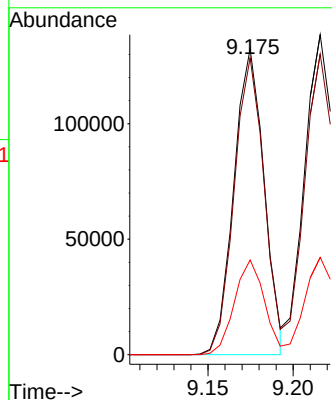


#43
2,4,6-Trichlorophenol
Concen: 43.243 ng
RT: 9.175 min Scan# 1187
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

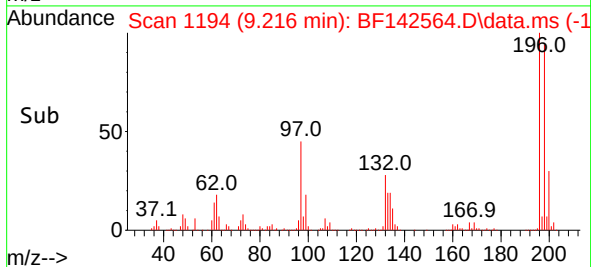
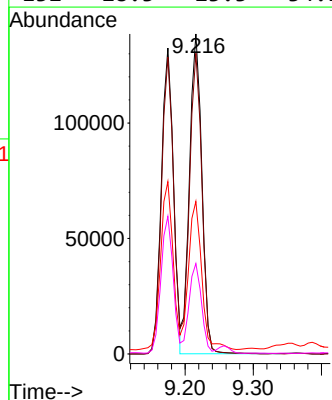
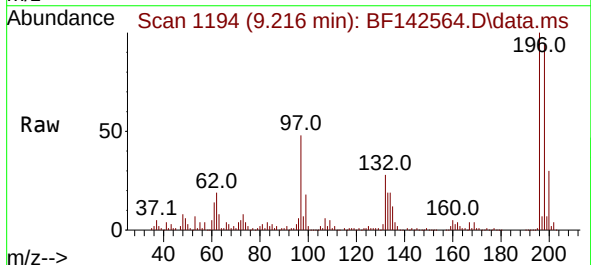


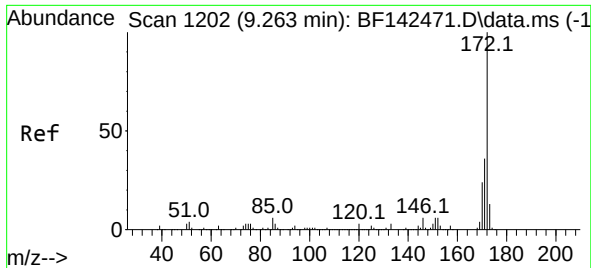
Tgt Ion:196 Resp: 163661
Ion Ratio Lower Upper
196 100
198 97.0 78.8 118.2
200 30.9 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 43.530 ng
RT: 9.216 min Scan# 1194
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:196 Resp: 173751
Ion Ratio Lower Upper
196 100
198 93.9 75.5 113.3
97 47.6 39.3 58.9
132 28.3 23.3 34.9

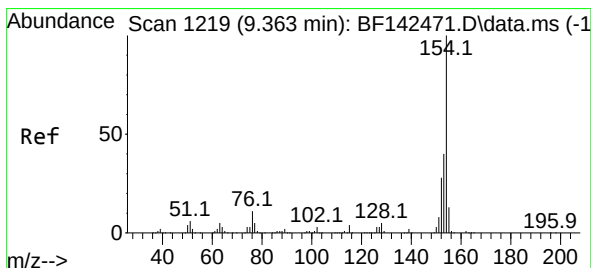
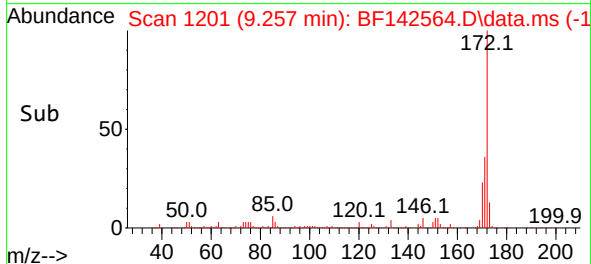
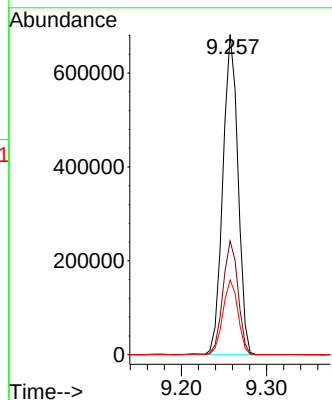
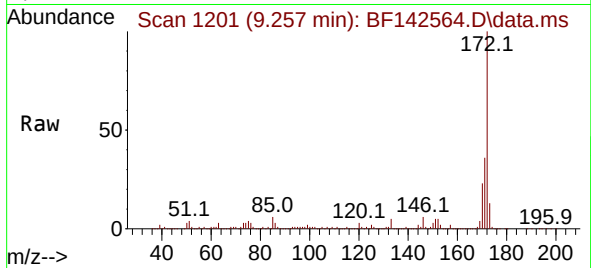




#45
2-Fluorobiphenyl
Concen: 57.691 ng
RT: 9.257 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

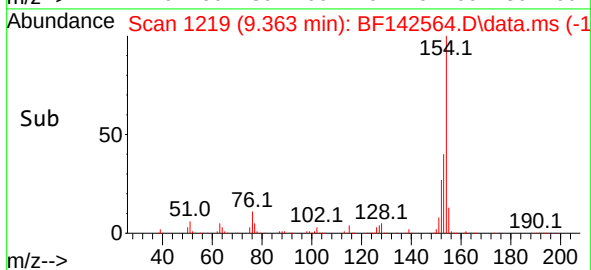
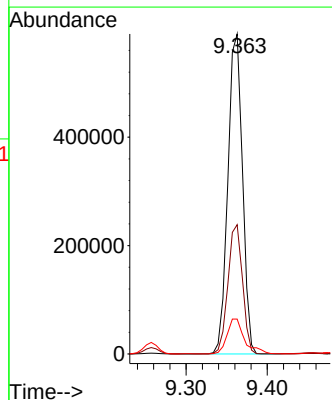
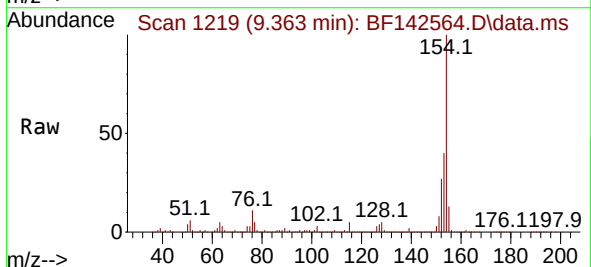
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

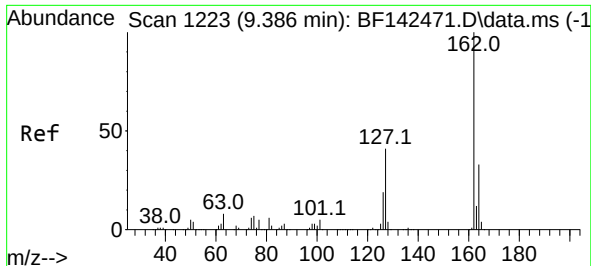
Tgt Ion:172 Resp: 840614
Ion Ratio Lower Upper
172 100
171 35.6 28.6 42.8
170 23.3 18.9 28.3



#46
1,1'-Biphenyl
Concen: 48.675 ng
RT: 9.363 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:154 Resp: 738358
Ion Ratio Lower Upper
154 100
153 40.4 20.4 60.4
76 10.9 0.0 30.8

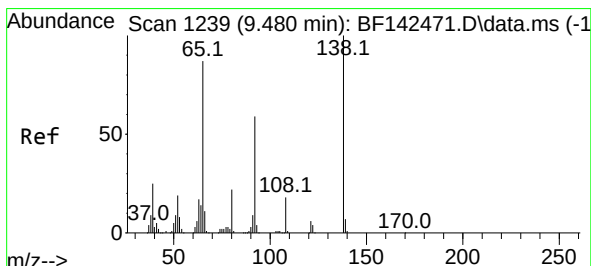
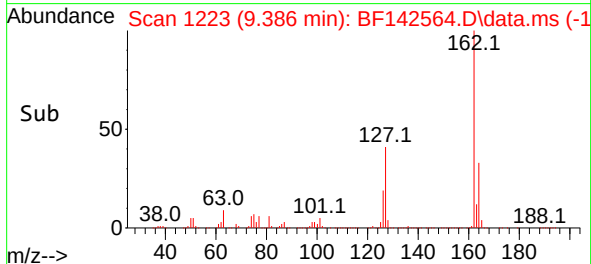
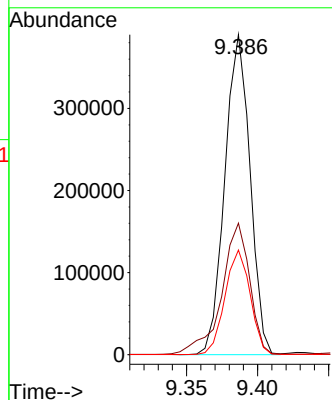
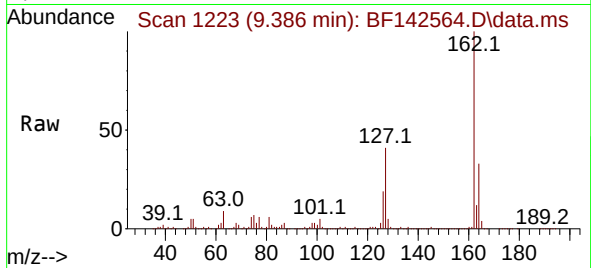




#47
2-Chloronaphthalene
Concen: 42.956 ng
RT: 9.386 min Scan# 1223
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

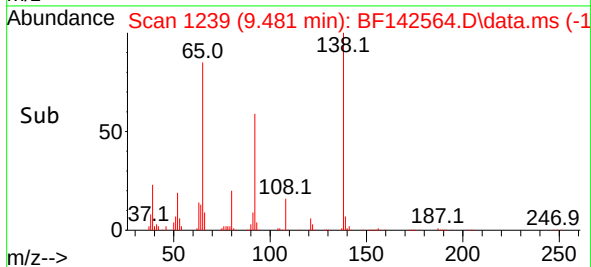
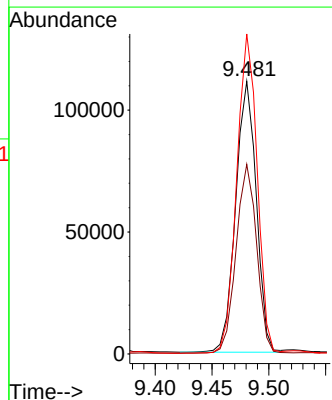
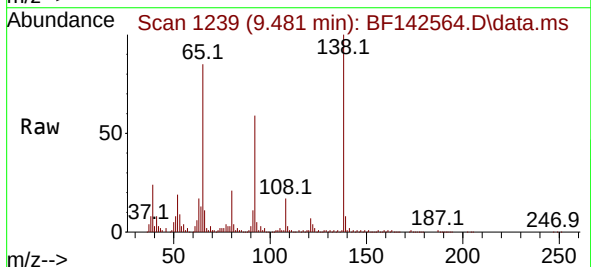
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

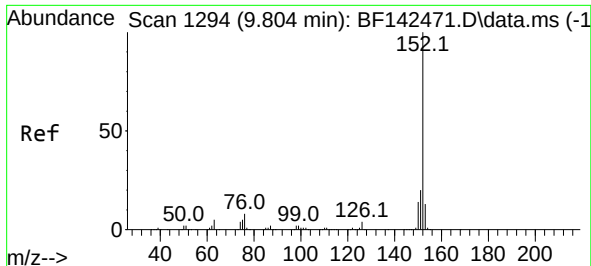
Tgt Ion:162 Resp: 481426
Ion Ratio Lower Upper
162 100
127 41.1 33.5 50.3
164 32.7 26.1 39.1



#48
2-Nitroaniline
Concen: 43.196 ng
RT: 9.481 min Scan# 1239
Delta R.T. -0.005 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

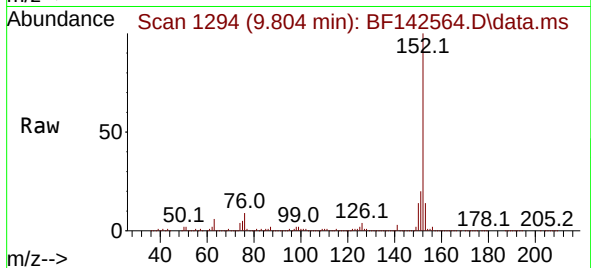
Tgt Ion: 65 Resp: 139933
Ion Ratio Lower Upper
65 100
92 69.5 54.4 81.6
138 117.3 91.4 137.2



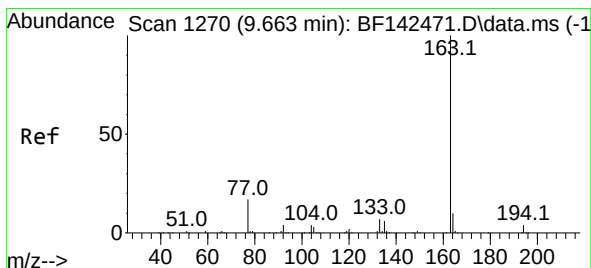
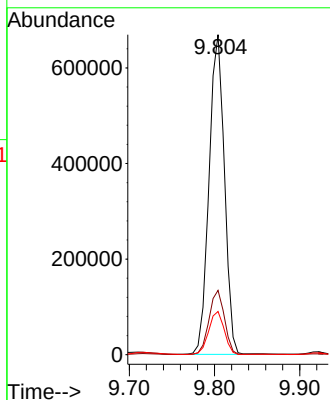
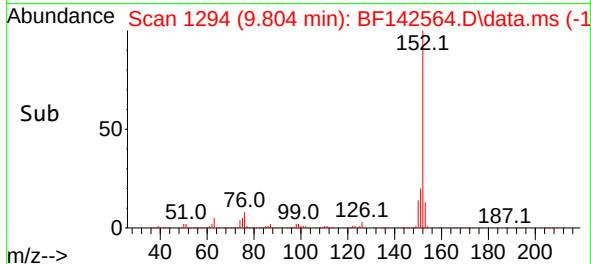


#49
Acenaphthylene
Concen: 44.364 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

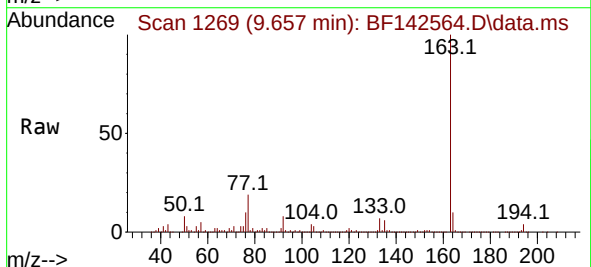
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD



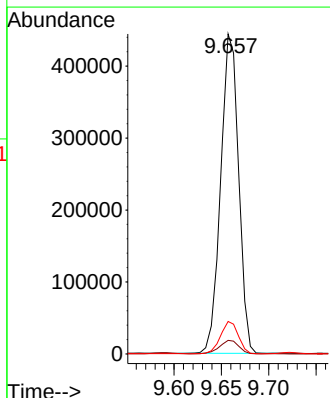
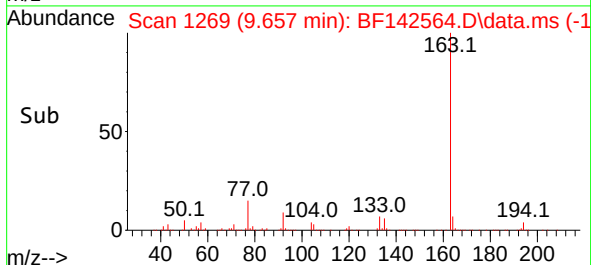
Tgt Ion:152 Resp: 839567
Ion Ratio Lower Upper
152 100
151 20.1 15.8 23.8
153 13.5 10.6 15.8

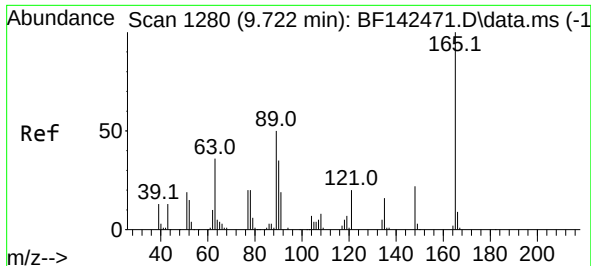


#50
Dimethylphthalate
Concen: 45.335 ng
RT: 9.657 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21



Tgt Ion:163 Resp: 584886
Ion Ratio Lower Upper
163 100
194 4.3 3.3 4.9
164 10.1 8.2 12.4

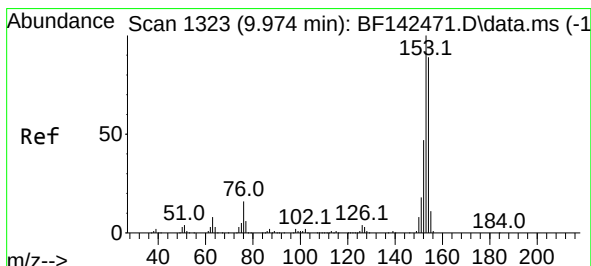
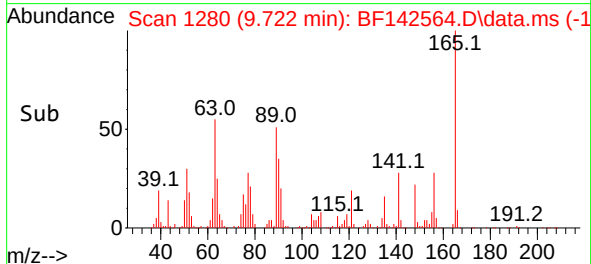
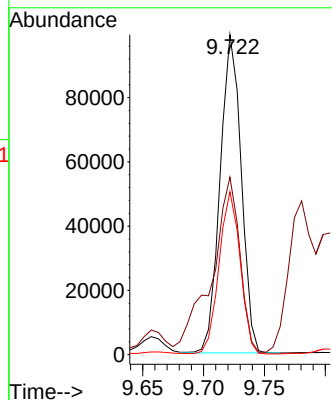
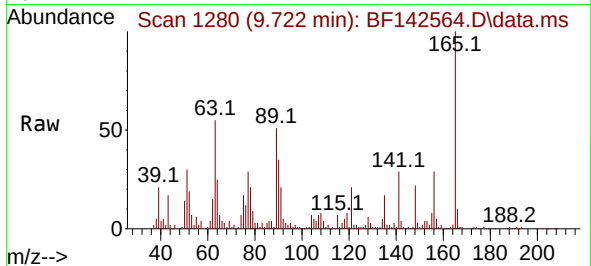




#51
2,6-Dinitrotoluene
Concen: 43.008 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

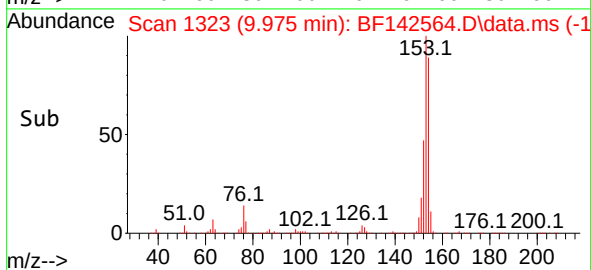
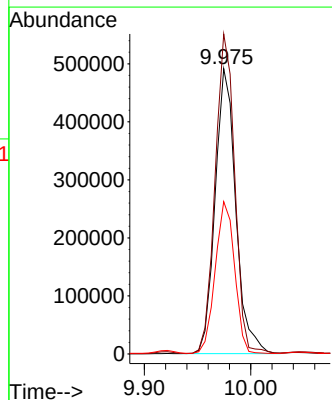
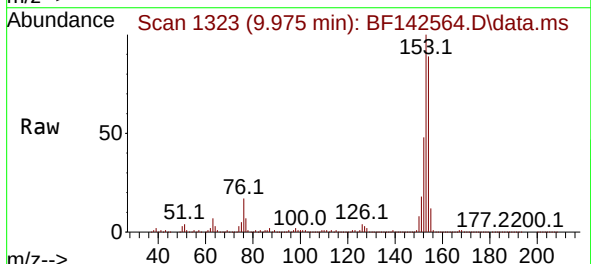
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

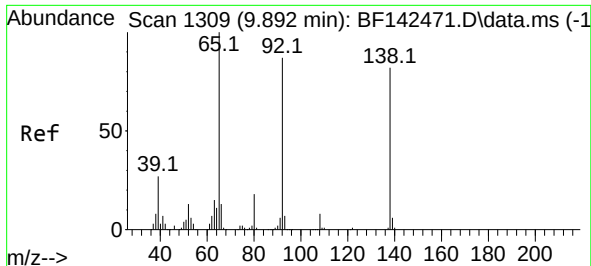
Tgt Ion:165 Resp: 119757
Ion Ratio Lower Upper
165 100
63 55.5 42.9 64.3
89 50.9 40.2 60.4



#52
Acenaphthene
Concen: 57.176 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.005 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:154 Resp: 660720
Ion Ratio Lower Upper
154 100
153 112.1 90.0 135.0
152 53.4 42.6 64.0

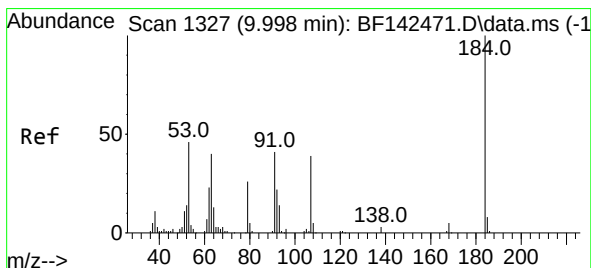
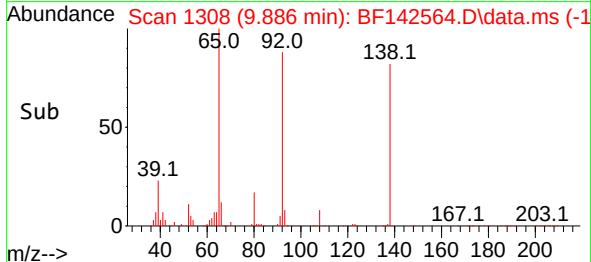
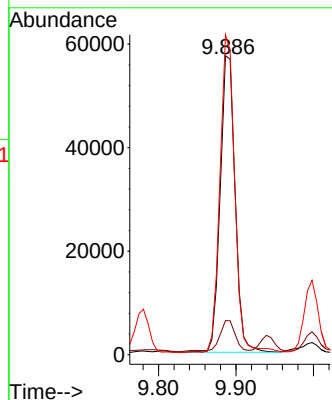
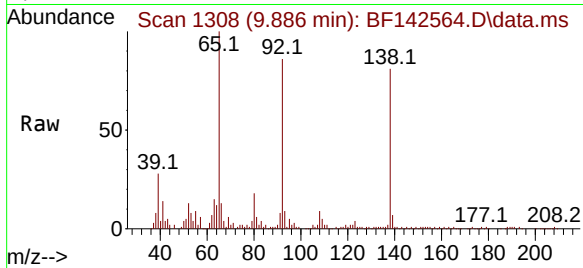




#53
3-Nitroaniline
Concen: 25.172 ng
RT: 9.886 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

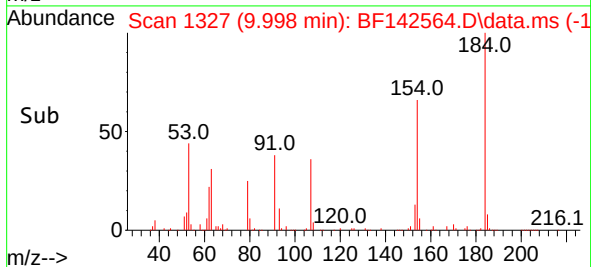
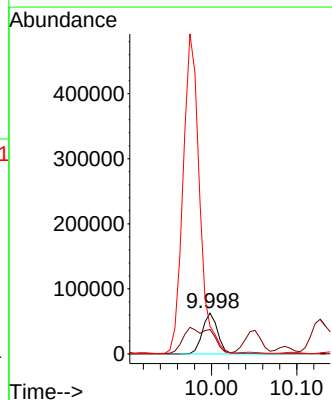
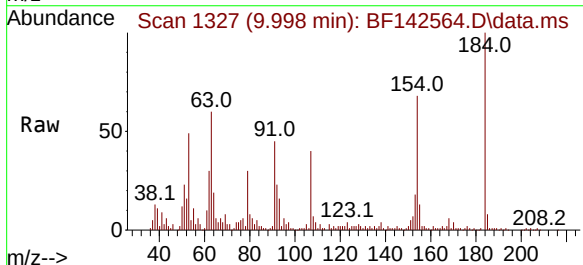
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

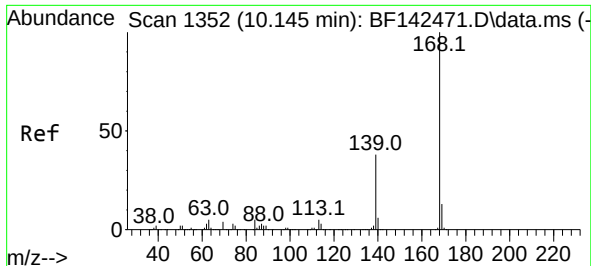
Tgt Ion:138 Resp: 76556
Ion Ratio Lower Upper
138 100
108 11.4 8.1 12.1
92 107.1 85.2 127.8



#54
2,4-Dinitrophenol
Concen: 54.884 ng
RT: 9.998 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:184 Resp: 78955
Ion Ratio Lower Upper
184 100
63 59.9 46.3 69.5
154 68.2 56.8 85.2

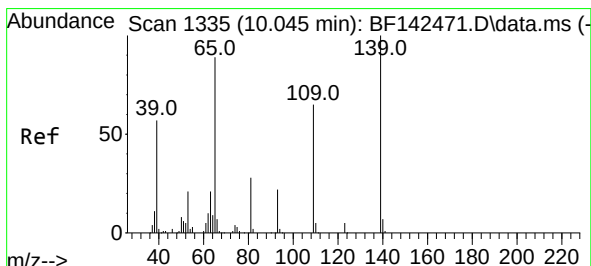
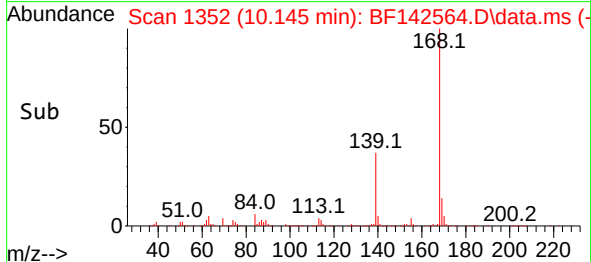
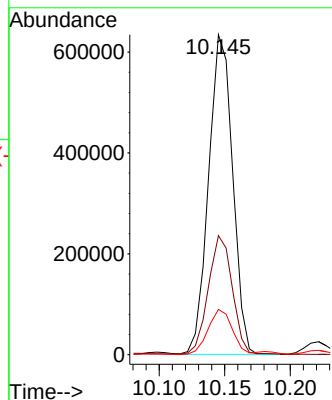
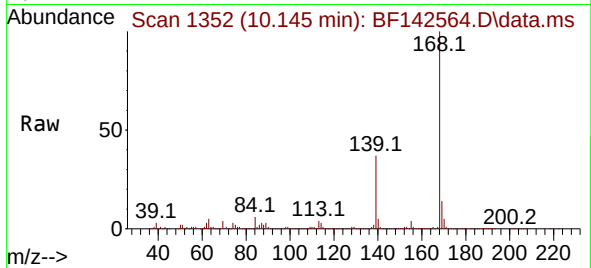




#55
Dibenzofuran
Concen: 48.528 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

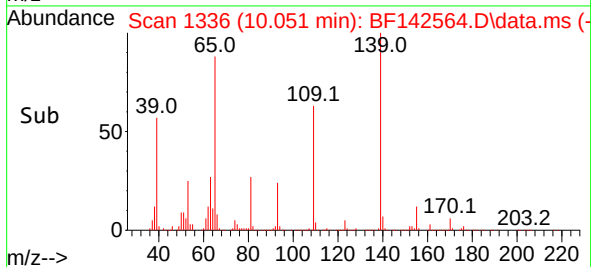
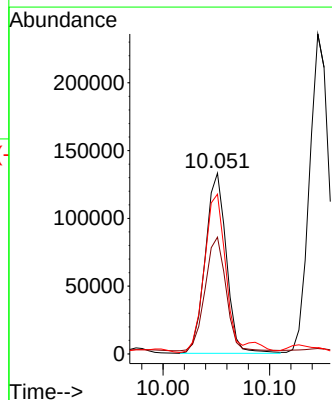
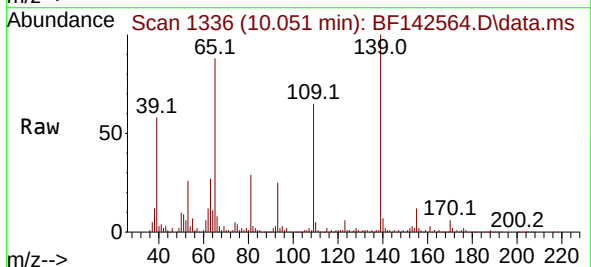
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

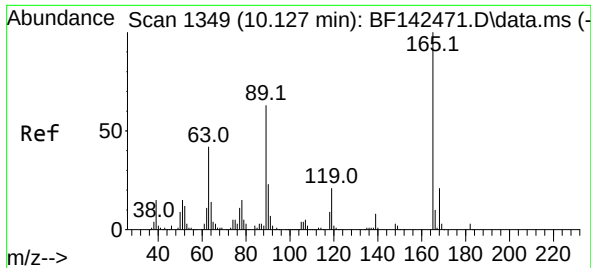
Tgt Ion:168 Resp: 806977
Ion Ratio Lower Upper
168 100
139 37.2 30.2 45.2
169 14.2 10.7 16.1



#56
4-Nitrophenol
Concen: 81.083 ng
RT: 10.051 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:139 Resp: 181954
Ion Ratio Lower Upper
139 100
109 64.6 45.1 85.1
65 88.4 69.7 109.7

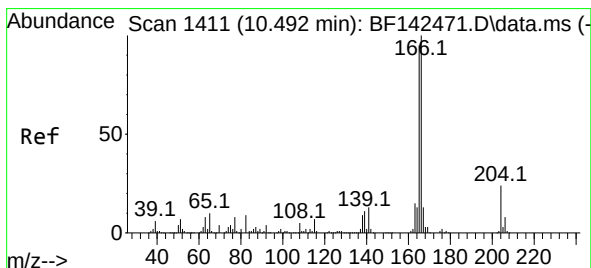
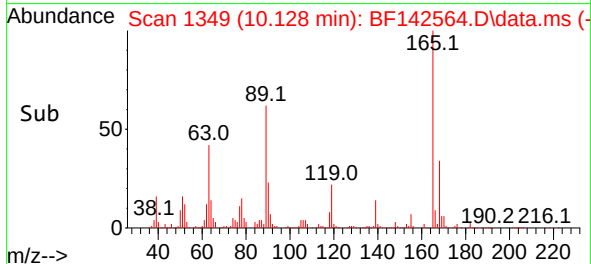
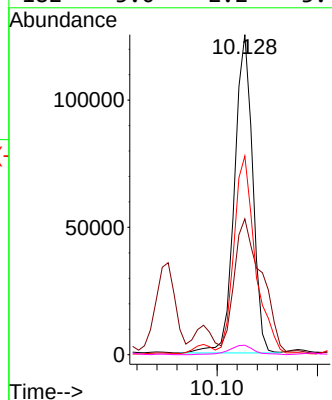
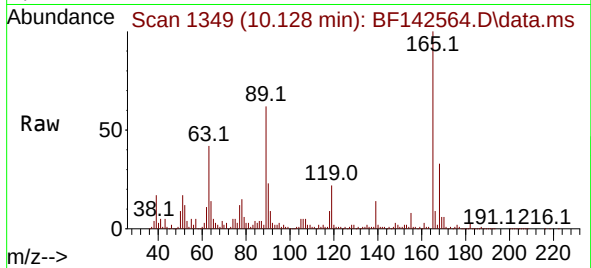




#57
2,4-Dinitrotoluene
Concen: 43.327 ng
RT: 10.128 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

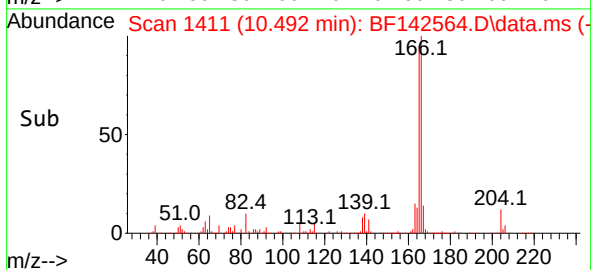
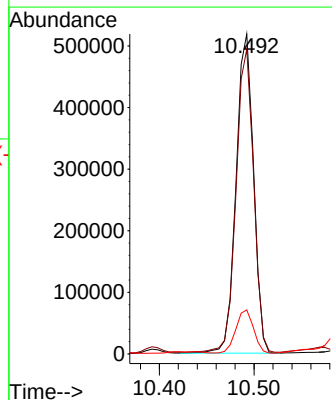
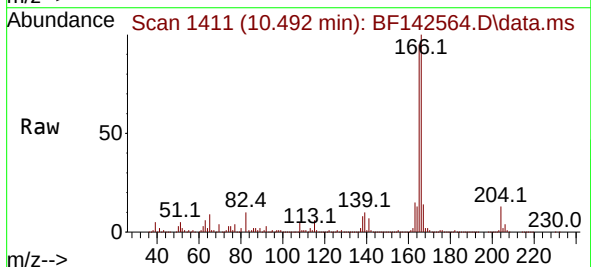
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

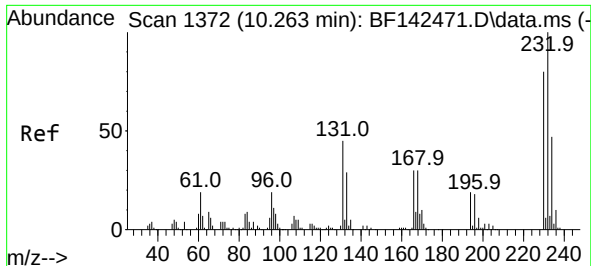
Tgt Ion:165 Resp: 157557
Ion Ratio Lower Upper
165 100
63 42.4 33.6 50.4
89 62.1 50.2 75.4
182 3.0 2.2 3.4



#58
Fluorene
Concen: 51.560 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:166 Resp: 662387
Ion Ratio Lower Upper
166 100
165 95.2 75.8 113.8
167 13.7 10.6 16.0

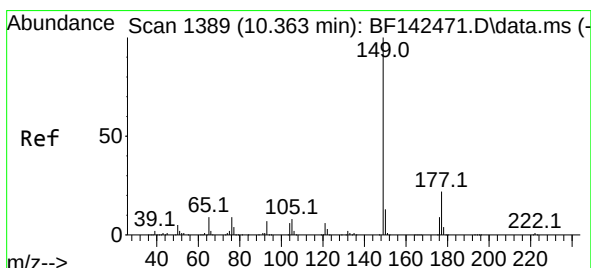
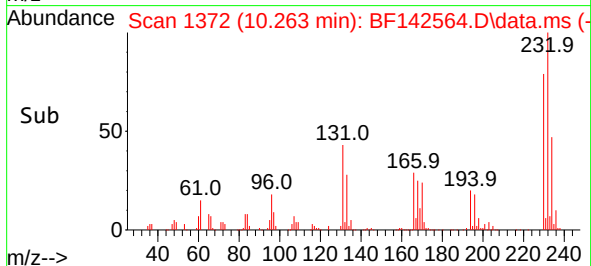
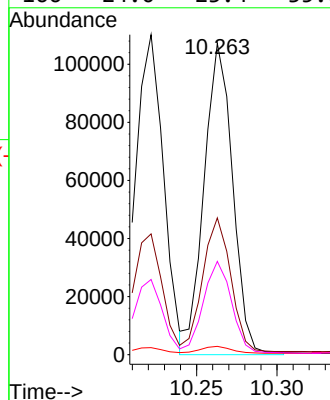
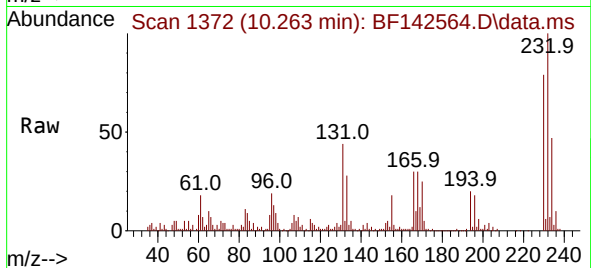




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.787 ng m
RT: 10.263 min Scan# 1372
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

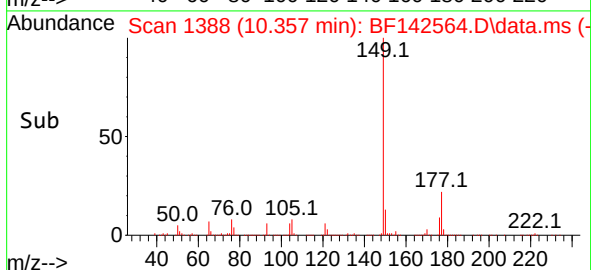
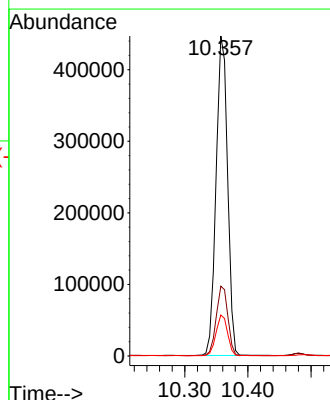
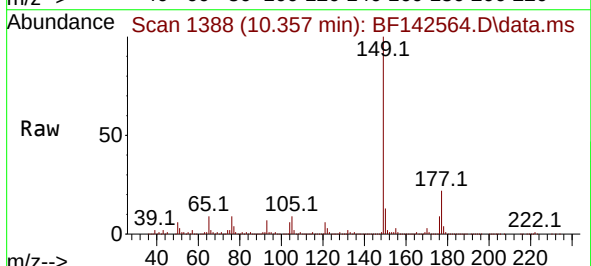
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

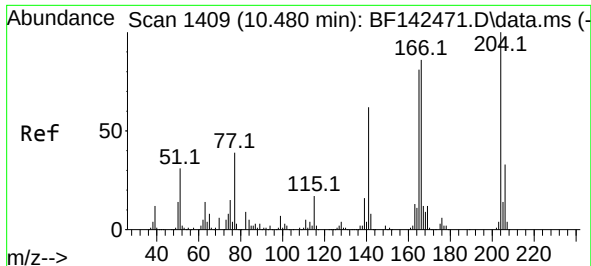
Tgt Ion:232 Resp: 132577
Ion Ratio Lower Upper
232 100
131 38.3 35.2 52.8
130 2.1 1.7 2.5
166 24.0 23.4 35.0



#60
Diethylphthalate
Concen: 44.717 ng
RT: 10.357 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:149 Resp: 563439
Ion Ratio Lower Upper
149 100
177 21.8 17.6 26.4
150 12.8 10.1 15.1

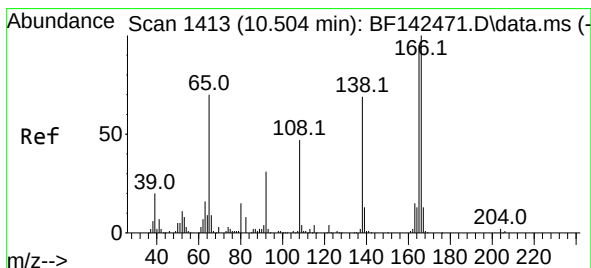
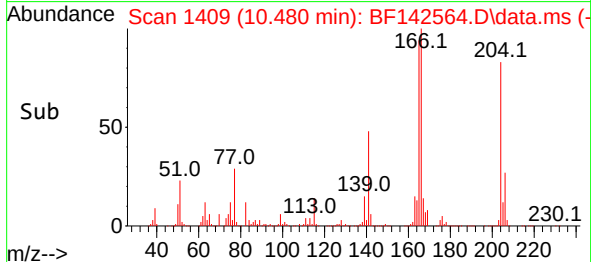
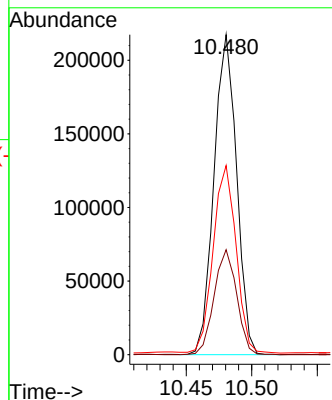
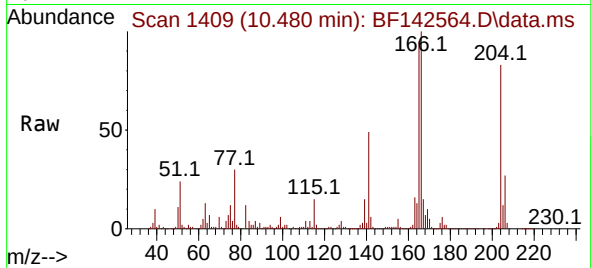




#61
4-Chlorophenyl-phenylether
Concen: 41.271 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

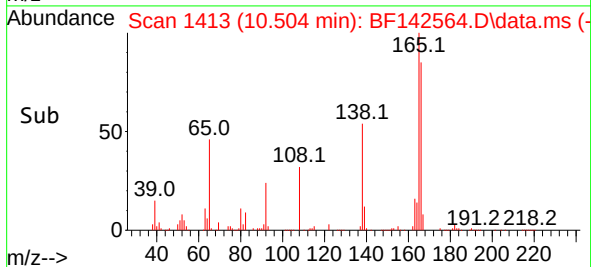
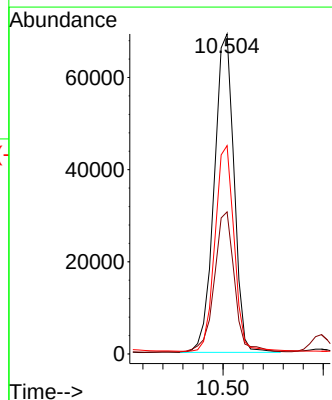
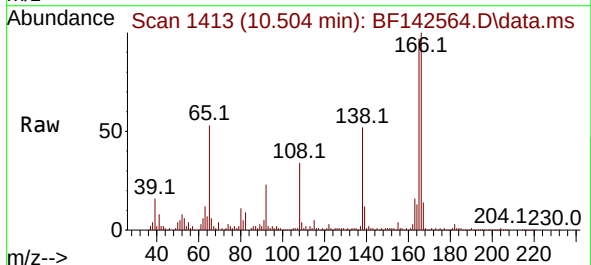
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

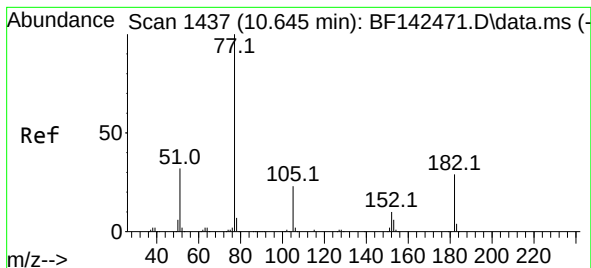
Tgt Ion:204 Resp: 260456
Ion Ratio Lower Upper
204 100
206 32.8 26.3 39.5
141 59.1 49.5 74.3



#62
4-Nitroaniline
Concen: 34.356 ng
RT: 10.504 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:138 Resp: 94766
Ion Ratio Lower Upper
138 100
92 44.4 26.0 66.0
108 65.1 48.4 88.4

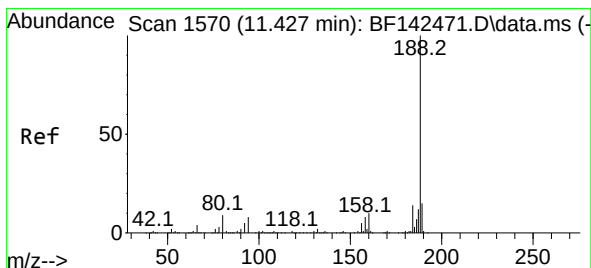
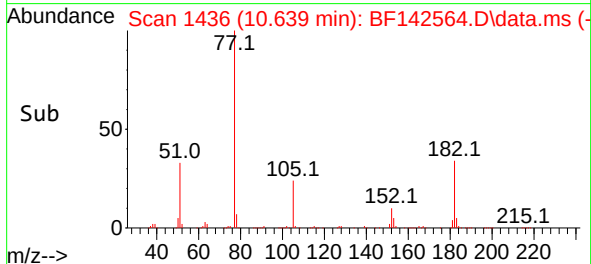
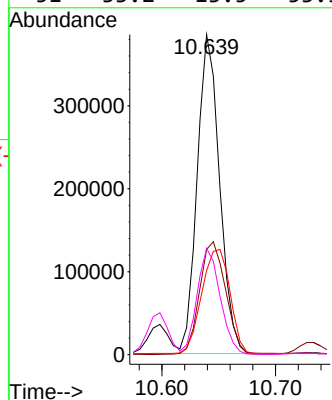
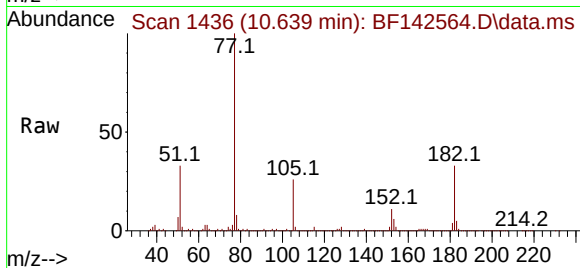




#63
Azobenzene
Concen: 46.465 ng
RT: 10.639 min Scan# 1436
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

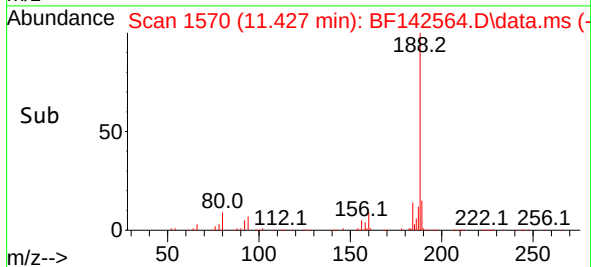
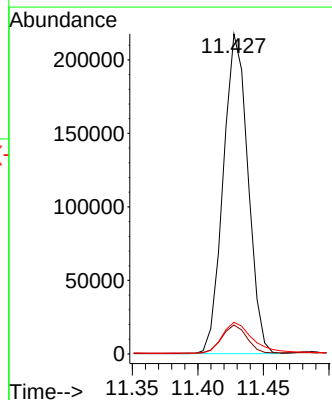
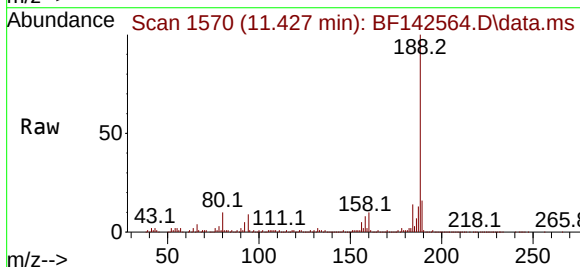
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

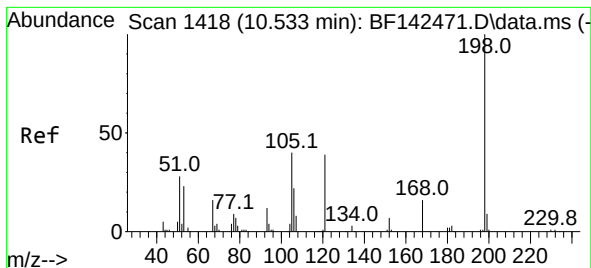
Tgt Ion: 77	Resp: 525849
Ion Ratio	Lower Upper
77 100	
182 32.9	9.0 49.0
105 26.3	2.4 42.4
51 33.2	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.427 min Scan# 1570
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:188	Resp: 285016
Ion Ratio	Lower Upper
188 100	
94 9.0	6.6 10.0
80 9.9	7.4 11.0

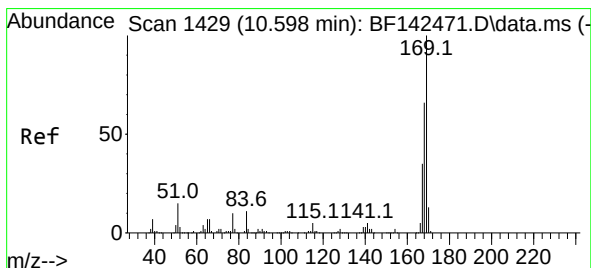
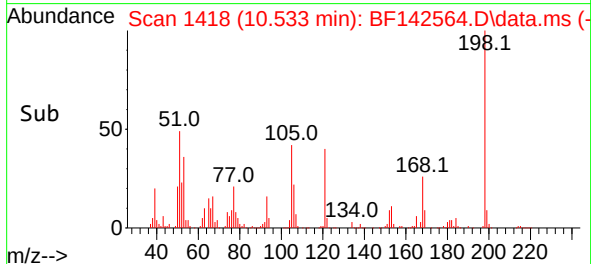
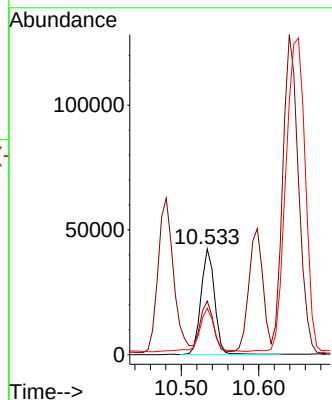
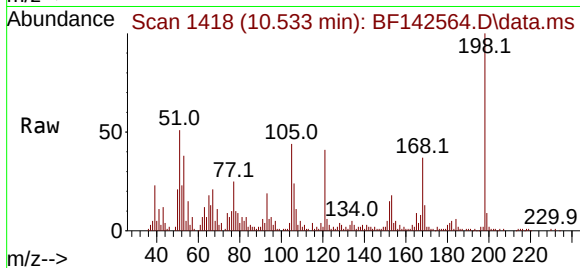




#65
4,6-Dinitro-2-methylphenol
Concen: 32.829 ng
RT: 10.533 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

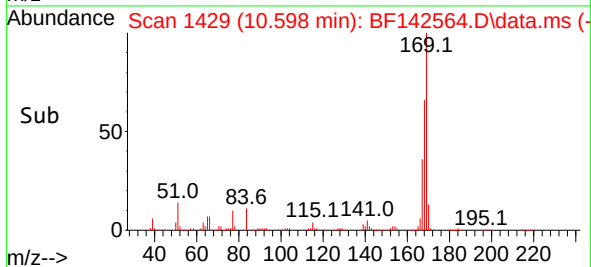
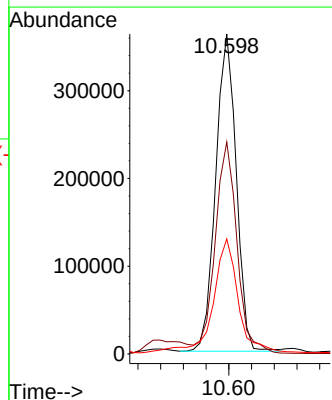
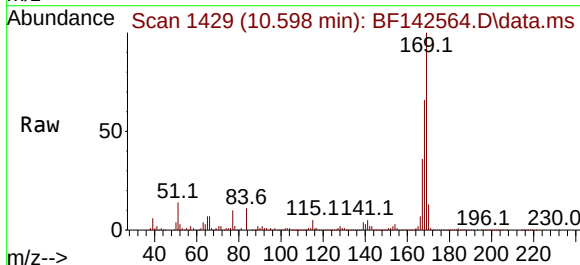
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

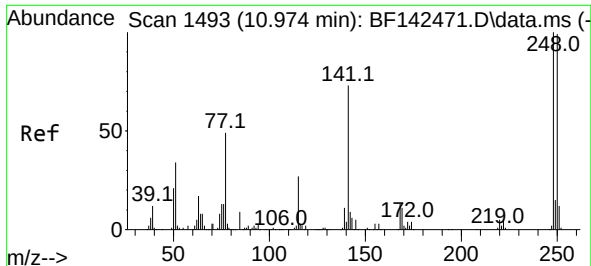
Tgt Ion:198 Resp: 52218
Ion Ratio Lower Upper
198 100
51 50.7 28.3 68.3
105 44.0 21.3 61.3



#66
n-Nitrosodiphenylamine
Concen: 46.595 ng
RT: 10.598 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:169 Resp: 454349
Ion Ratio Lower Upper
169 100
168 66.2 52.7 79.1
167 35.9 28.3 42.5

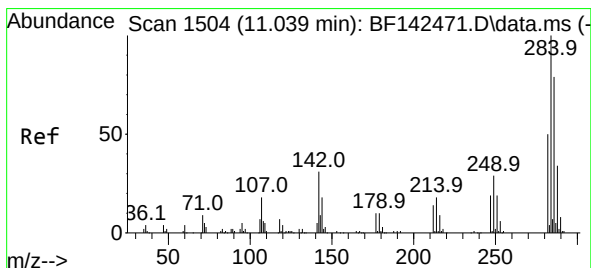
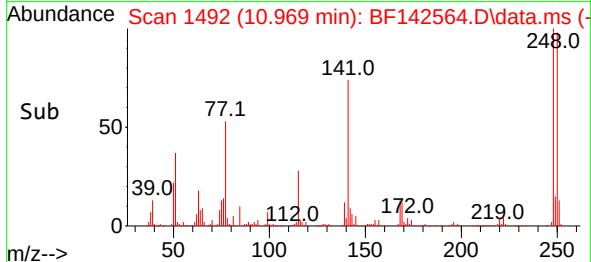
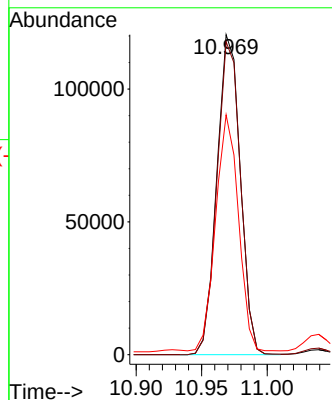
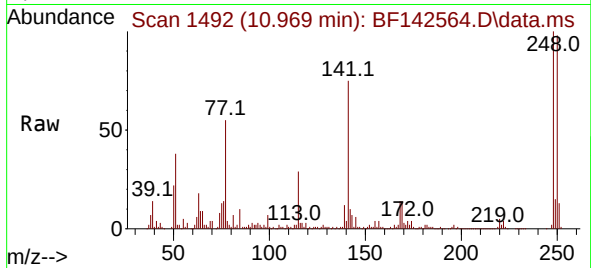




#67
4-Bromophenyl-phenylether
Concen: 44.454 ng
RT: 10.969 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

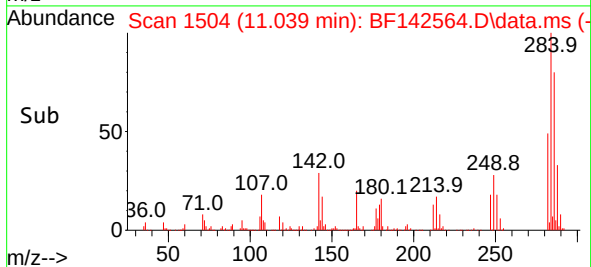
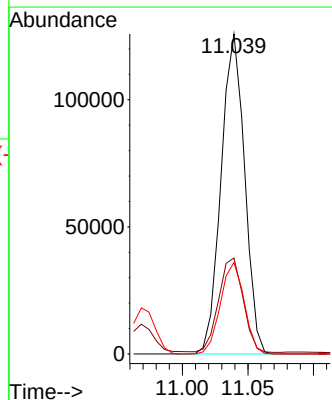
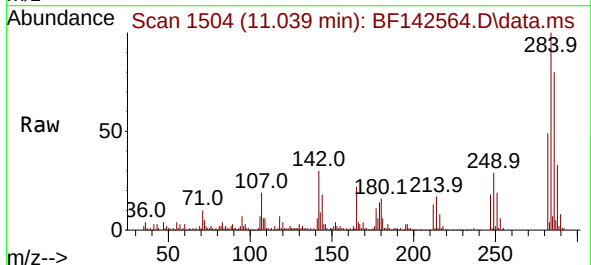
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

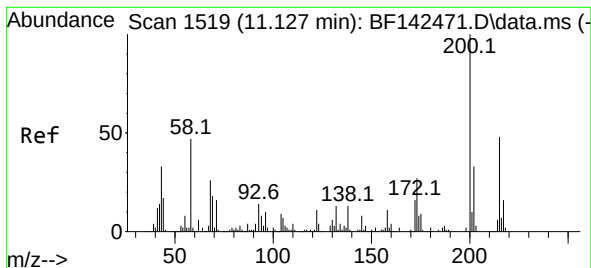
Tgt Ion:248 Resp: 149815
Ion Ratio Lower Upper
248 100
250 97.8 79.0 118.4
141 75.0 58.4 87.6



#68
Hexachlorobenzene
Concen: 42.089 ng
RT: 11.039 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:284 Resp: 156885
Ion Ratio Lower Upper
284 100
142 30.0 24.8 37.2
249 28.6 23.6 35.4





#69

Atrazine

Concen: 53.562 ng

RT: 11.128 min Scan# 1519

Delta R.T. 0.000 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

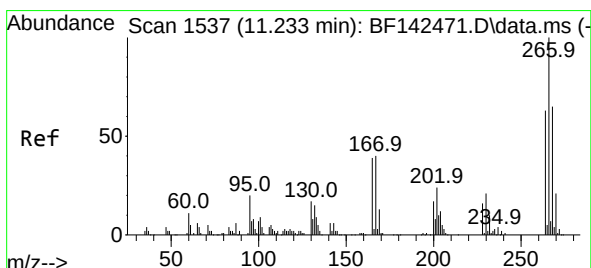
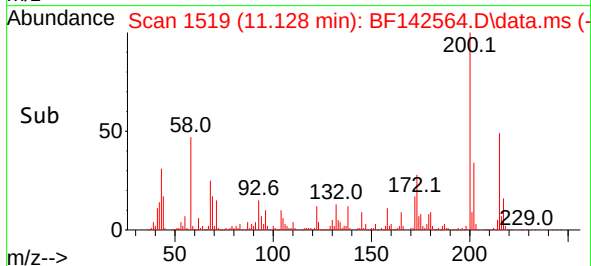
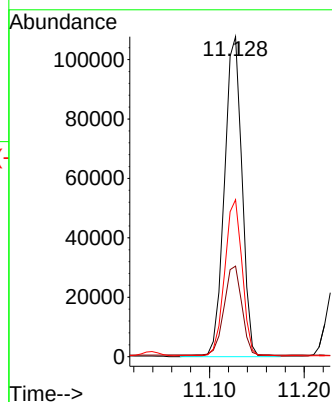
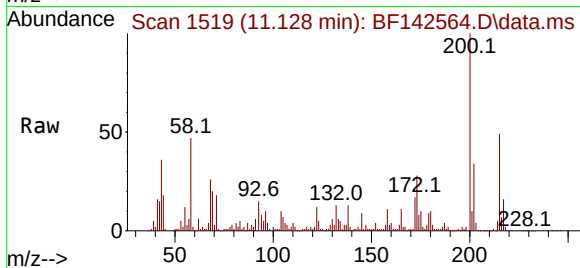
Tgt Ion:200 Resp: 138704

Ion Ratio Lower Upper

200 100

173 28.3 7.4 47.4

215 49.1 28.5 68.5



#70

Pentachlorophenol

Concen: 88.026 ng

RT: 11.233 min Scan# 1537

Delta R.T. 0.000 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

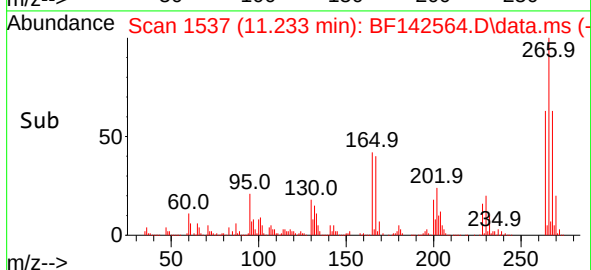
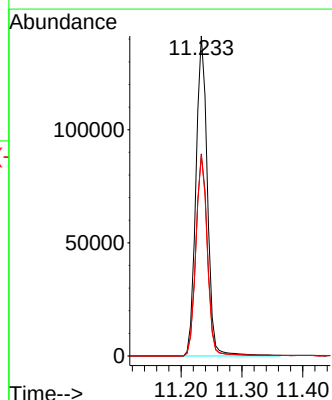
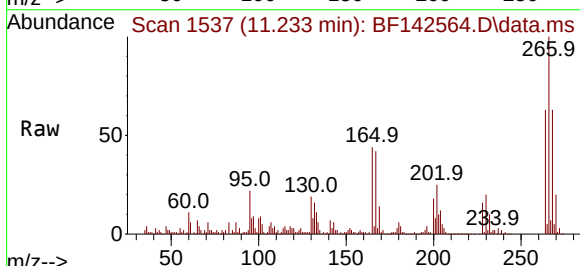
Tgt Ion:266 Resp: 185245

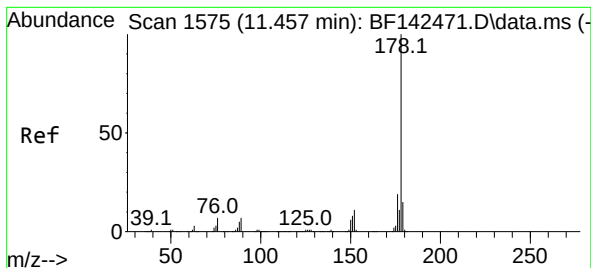
Ion Ratio Lower Upper

266 100

268 63.2 51.7 77.5

264 62.7 50.4 75.6





#71

Phenanthrene

Concen: 88.160 ng

RT: 11.457 min Scan# 1575

Delta R.T. 0.000 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

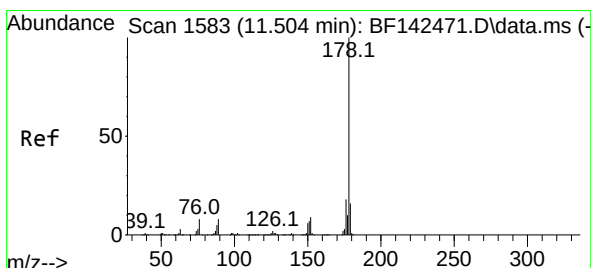
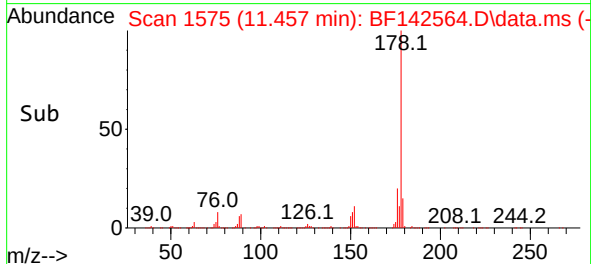
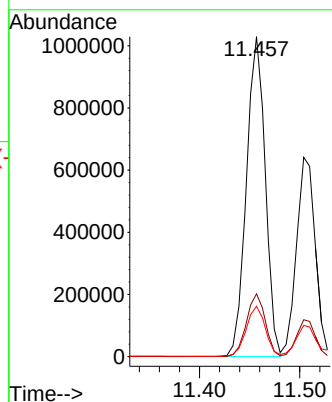
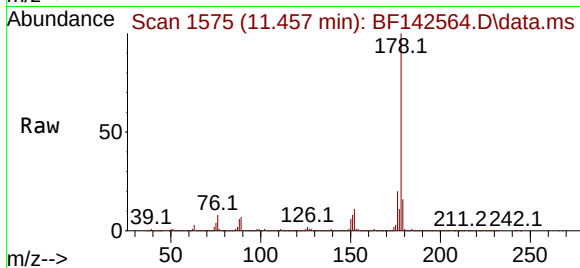
Tgt Ion:178 Resp: 1342840

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.0

179 15.8 12.3 18.5



#72

Anthracene

Concen: 52.906 ng

RT: 11.504 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

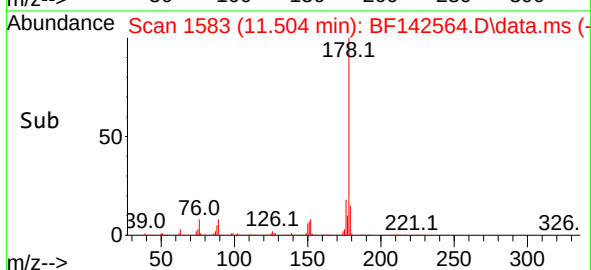
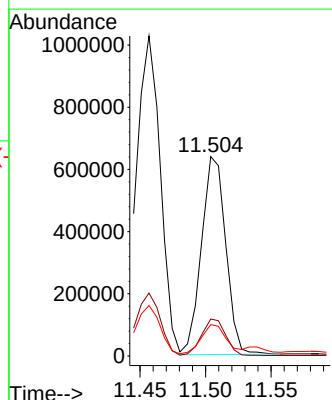
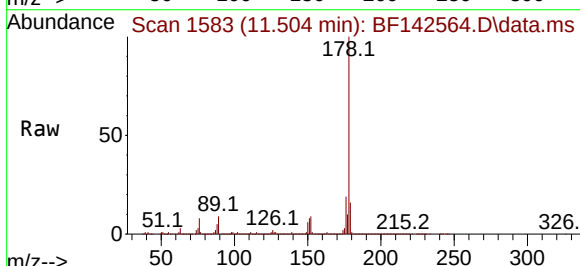
Tgt Ion:178 Resp: 822432

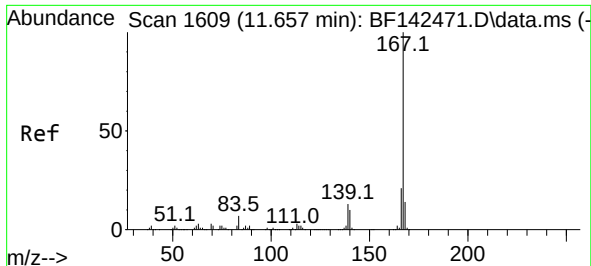
Ion Ratio Lower Upper

178 100

176 18.5 14.6 21.8

179 15.7 12.4 18.6



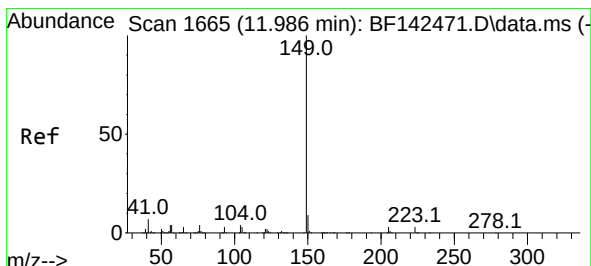
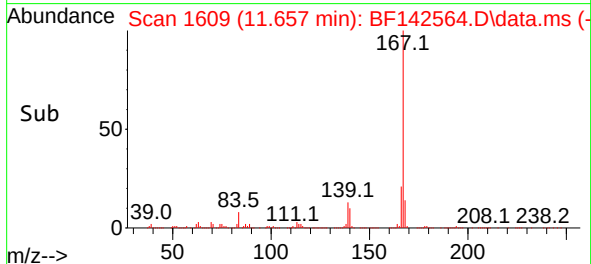
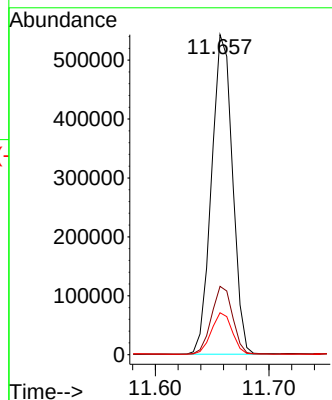
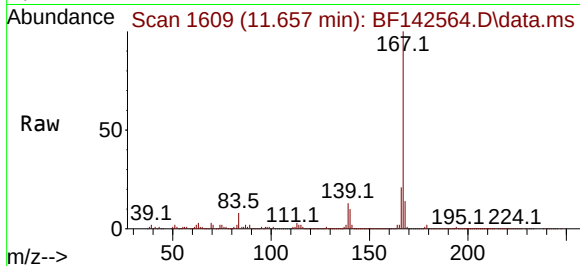


#73
 Carbazole
 Concen: 52.474 ng
 RT: 11.657 min Scan# 1609
 Delta R.T. -0.006 min
 Lab File: BF142564.D
 Acq: 27 May 2025 16:21

Instrument :
 BNA_F
 ClientSampleId :
 COMP-1MSD

Tgt Ion:167 Resp: 697357

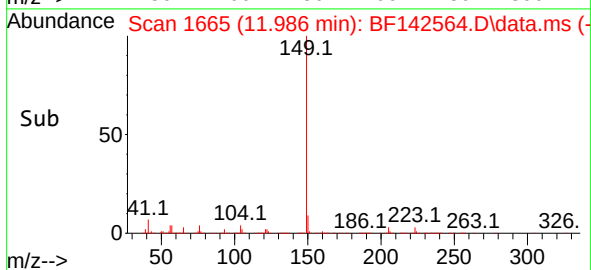
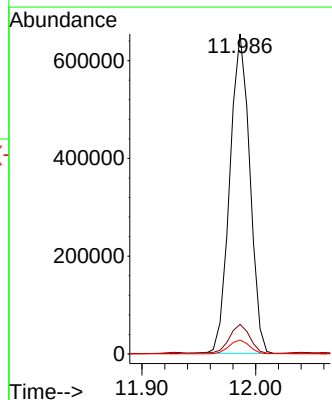
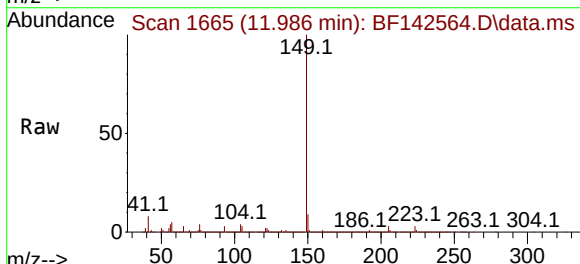
Ion	Ratio	Lower	Upper
167	100		
166	21.4	16.9	25.3
139	13.1	10.2	15.4

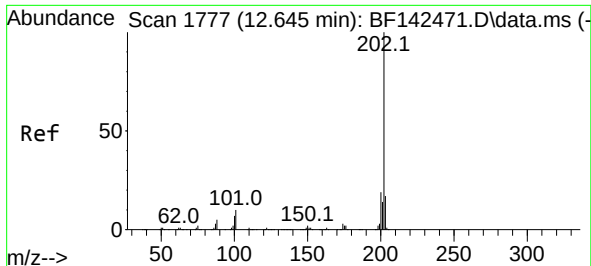


#74
 Di-n-butylphthalate
 Concen: 54.891 ng
 RT: 11.986 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF142564.D
 Acq: 27 May 2025 16:21

Tgt Ion:149 Resp: 798481

Ion	Ratio	Lower	Upper
149	100		
150	9.2	7.3	10.9
104	4.4	3.6	5.4

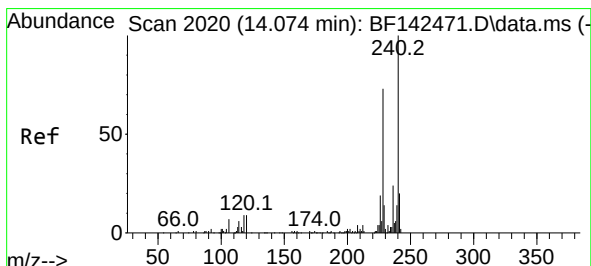
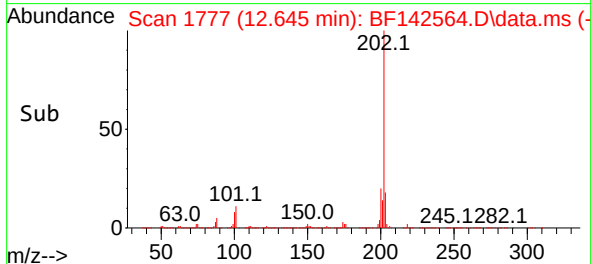
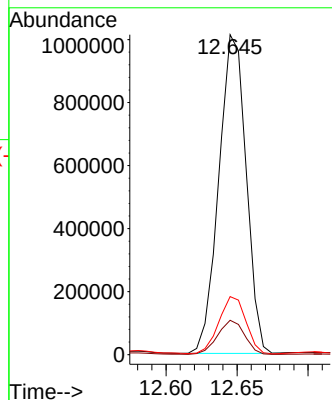
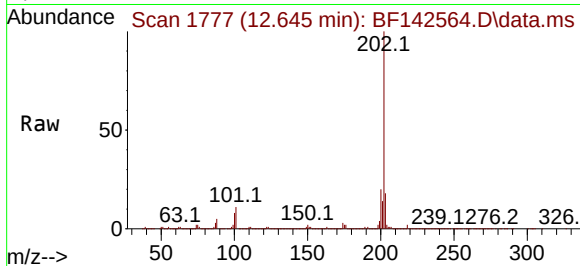




#75
Fluoranthene
Concen: 95.201 ng
RT: 12.645 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

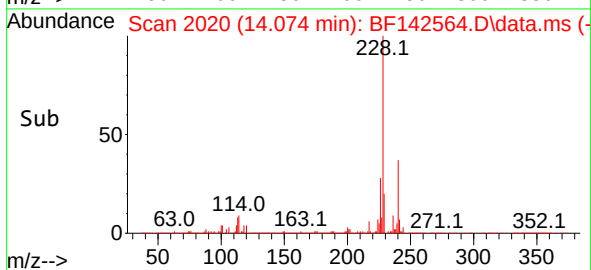
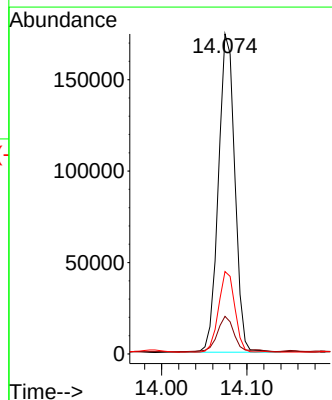
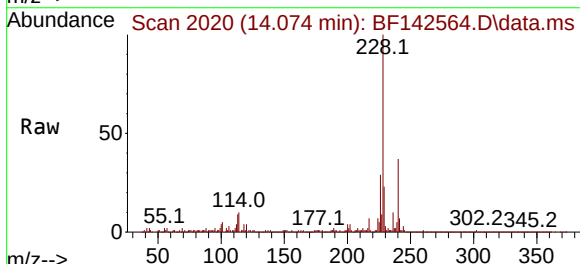
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

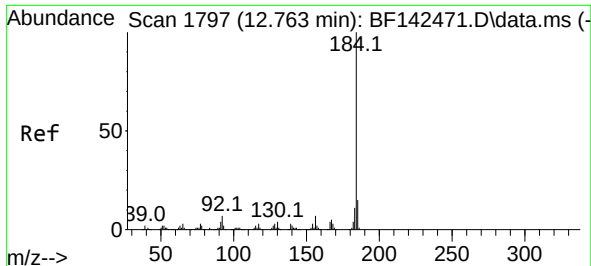
Tgt Ion:202 Resp: 1354952
Ion Ratio Lower Upper
202 100
101 10.8 0.0 29.6
203 18.1 0.0 37.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.074 min Scan# 2020
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:240 Resp: 232533
Ion Ratio Lower Upper
240 100
120 11.8 7.5 11.3#
236 25.8 19.6 29.4

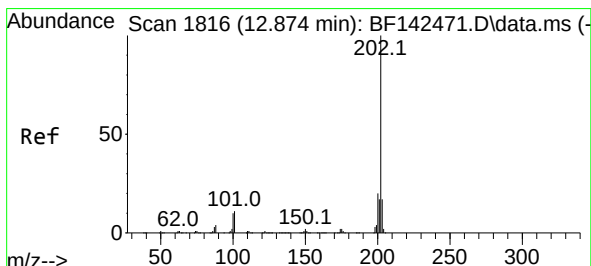
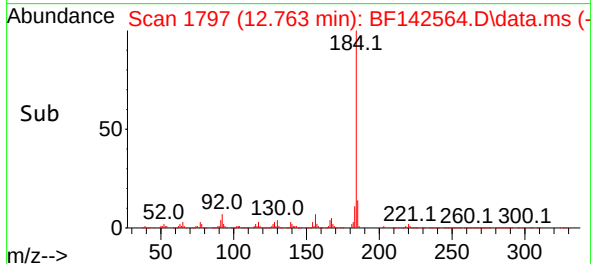
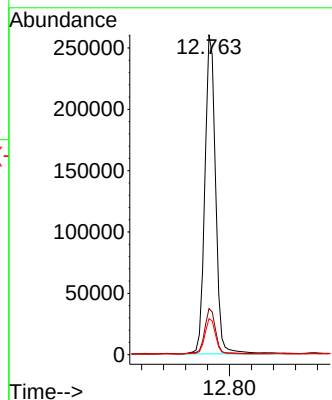
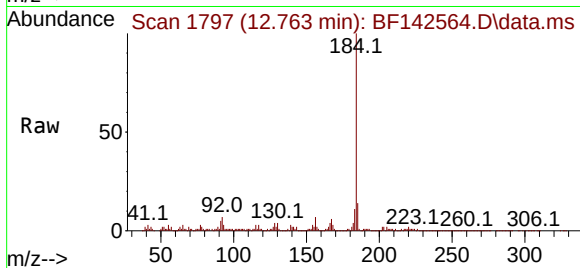




#77
Benzidine
Concen: 40.687 ng
RT: 12.763 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

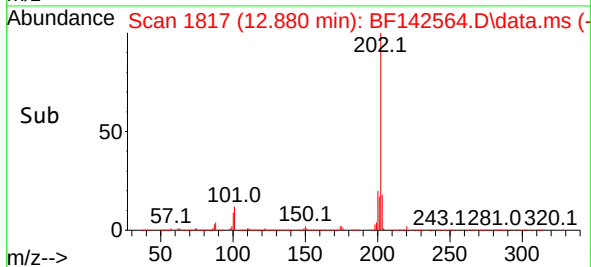
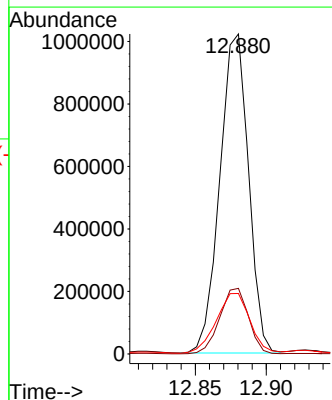
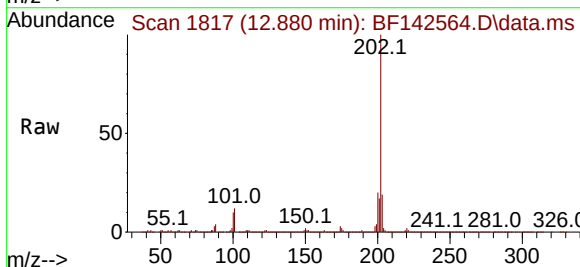
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

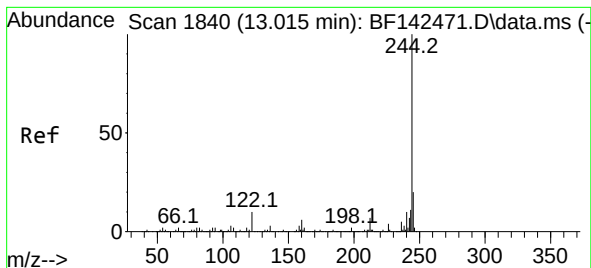
Tgt Ion:184 Resp: 352077
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.3 9.0 13.4



#78
Pyrene
Concen: 66.082 ng
RT: 12.880 min Scan# 1817
Delta R.T. 0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:202 Resp: 1433441
Ion Ratio Lower Upper
202 100
200 20.5 16.1 24.1
203 18.9 13.9 20.9





#79

Terphenyl-d14

Concen: 44.312 ng

RT: 13.010 min Scan# 1839

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

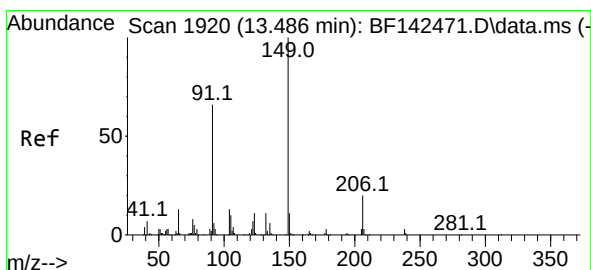
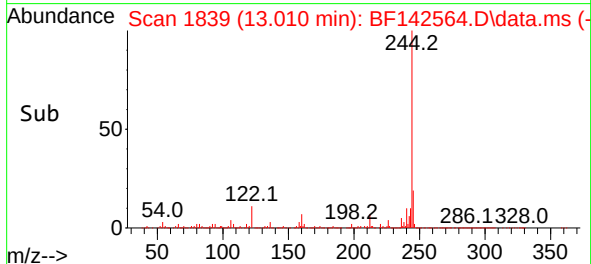
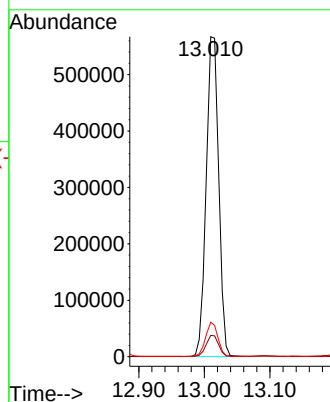
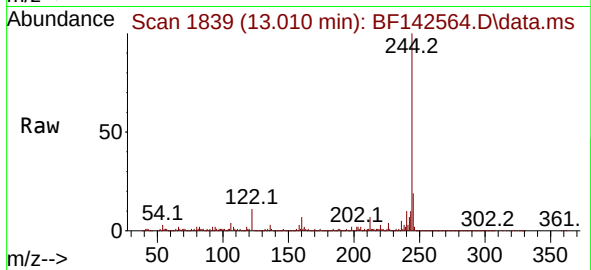
Tgt Ion:244 Resp: 754026

Ion Ratio Lower Upper

244 100

212 6.6 5.3 7.9

122 10.8 8.2 12.2



#80

Butylbenzylphthalate

Concen: 57.318 ng

RT: 13.486 min Scan# 1920

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

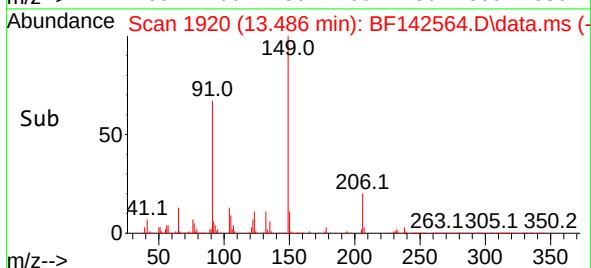
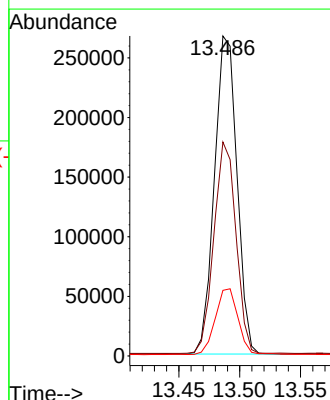
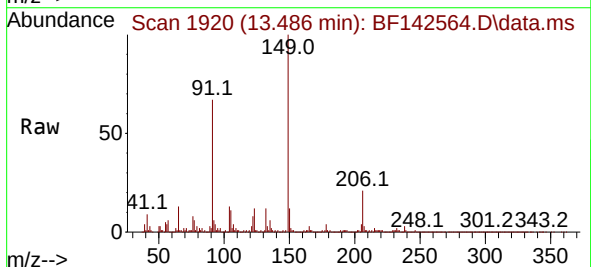
Tgt Ion:149 Resp: 343559

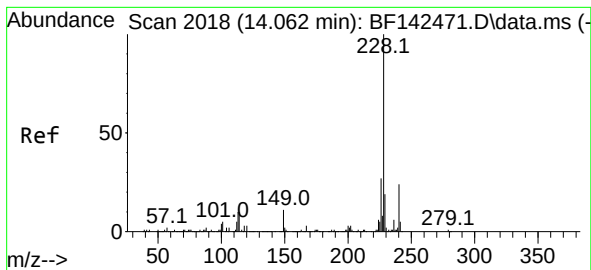
Ion Ratio Lower Upper

149 100

91 66.8 52.9 79.3

206 20.5 16.2 24.2





#81

Benzo(a)anthracene

Concen: 69.721 ng

RT: 14.068 min Scan# 2018

Delta R.T. 0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

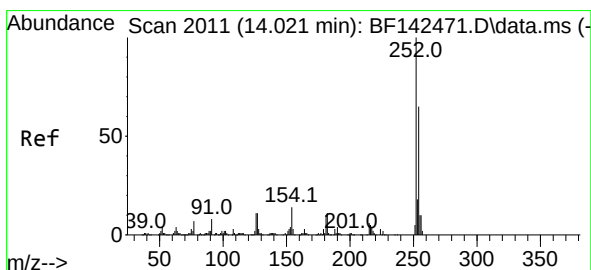
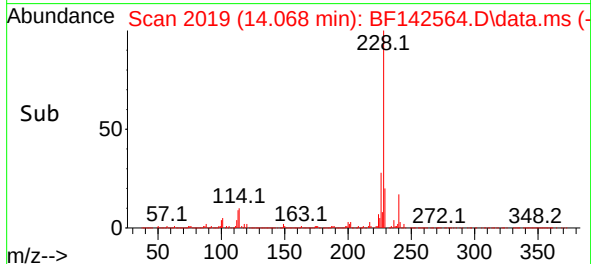
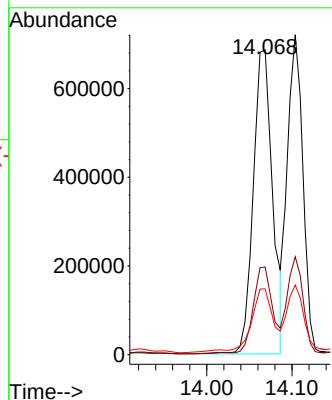
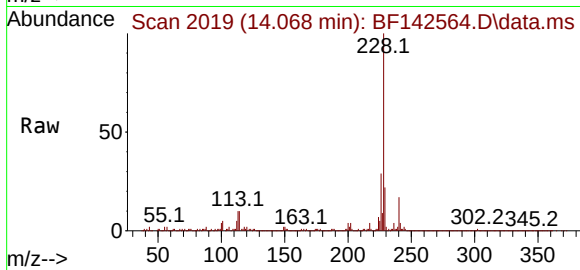
Tgt Ion:228 Resp: 1082586

Ion Ratio Lower Upper

228 100

226 28.8 21.2 31.8

229 21.6 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 21.708 ng

RT: 14.027 min Scan# 2012

Delta R.T. 0.000 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

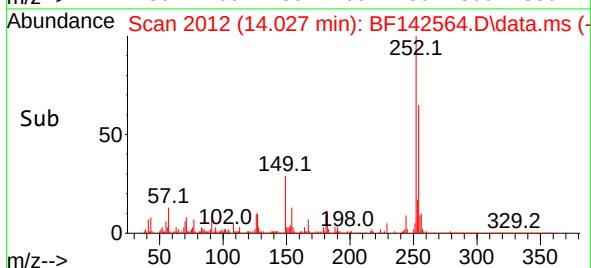
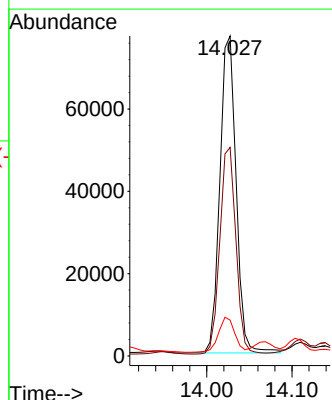
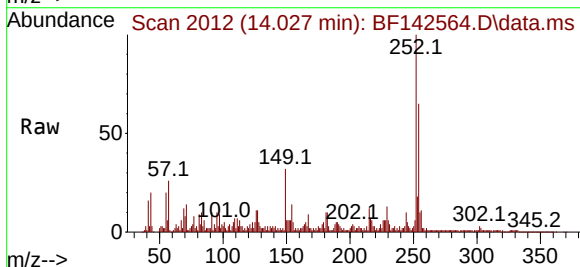
Tgt Ion:252 Resp: 102237

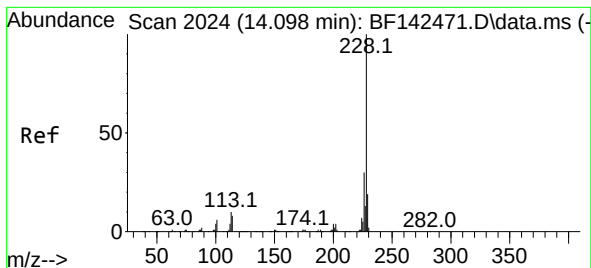
Ion Ratio Lower Upper

252 100

254 65.2 52.0 78.0

126 11.2 8.9 13.3





#83

Chrysene

Concen: 65.206 ng

RT: 14.104 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

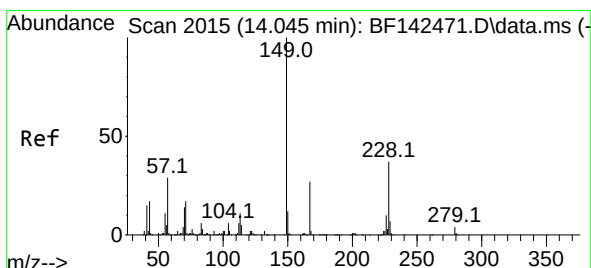
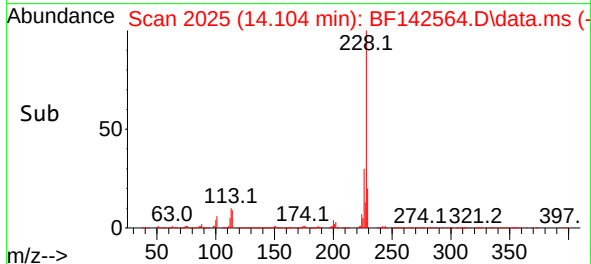
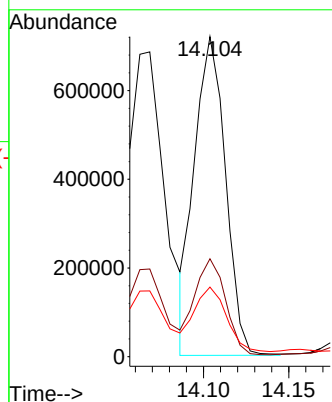
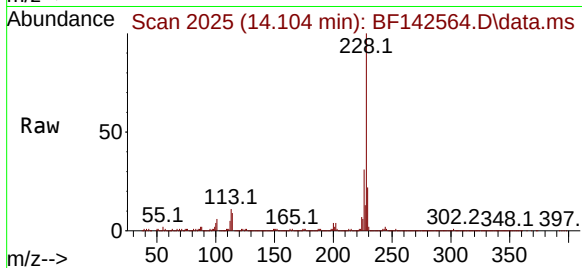
Tgt Ion:228 Resp: 909772

Ion Ratio Lower Upper

228 100

226 30.6 23.8 35.6

229 21.7 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 67.281 ng

RT: 14.045 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

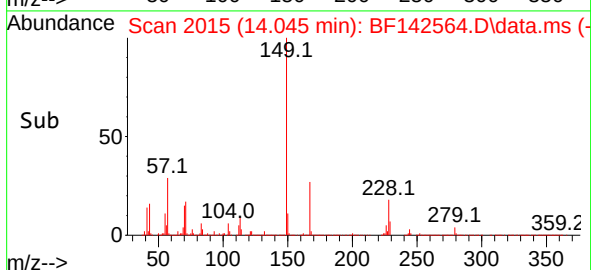
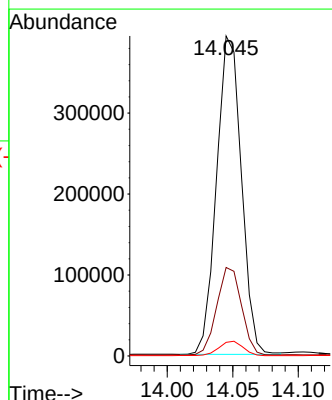
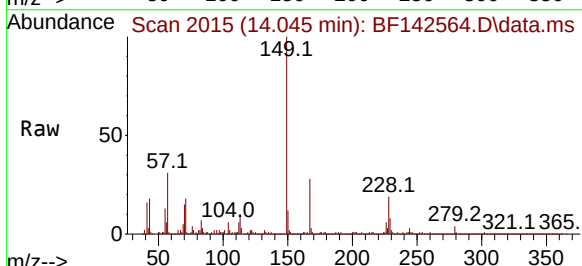
Tgt Ion:149 Resp: 516252

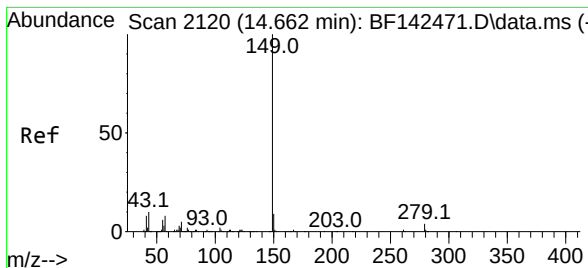
Ion Ratio Lower Upper

149 100

167 27.7 21.5 32.3

279 4.2 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 55.218 ng

RT: 14.663 min Scan# 21

Delta R.T. -0.005 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

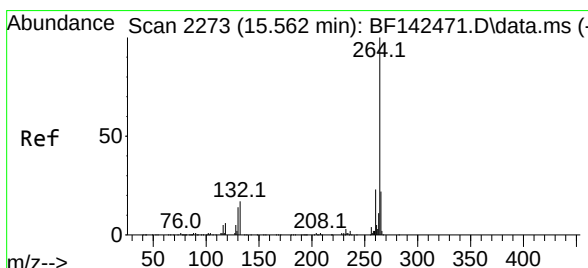
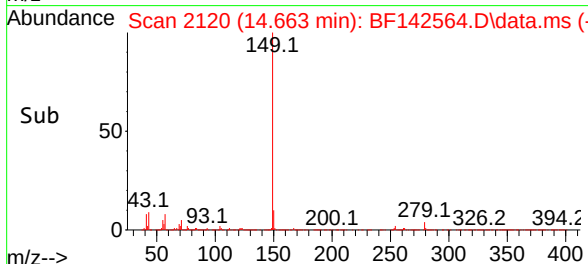
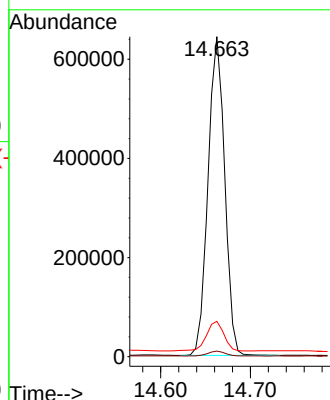
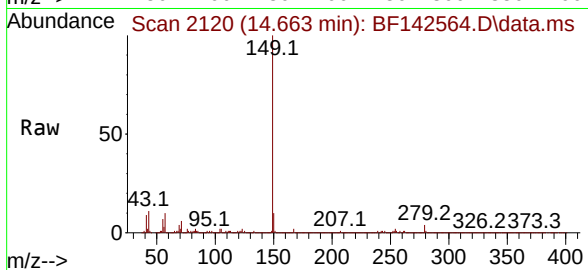
Tgt Ion:149 Resp: 828450

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: BF142564.D

Acq: 27 May 2025 16:21

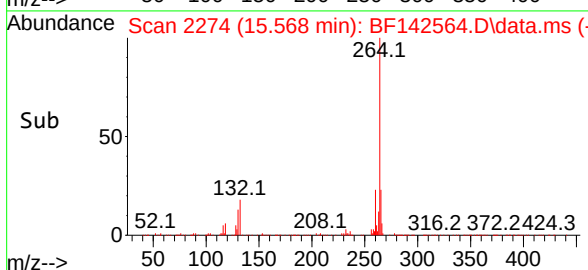
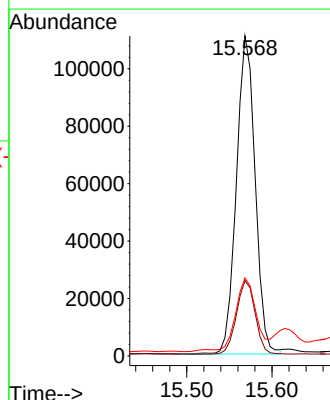
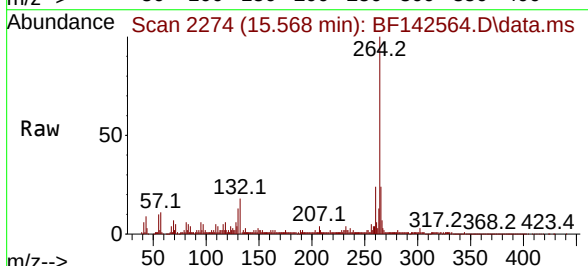
Tgt Ion:264 Resp: 169340

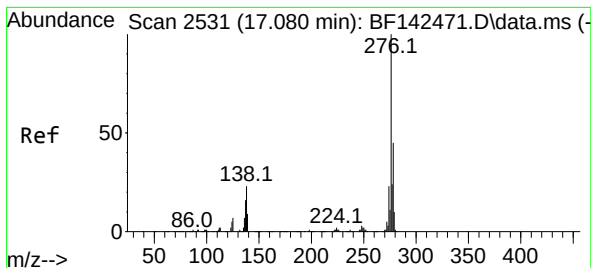
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 24.4 17.7 26.5





#87

Indeno(1,2,3-cd)pyrene

Concen: 43.977 ng

RT: 17.086 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

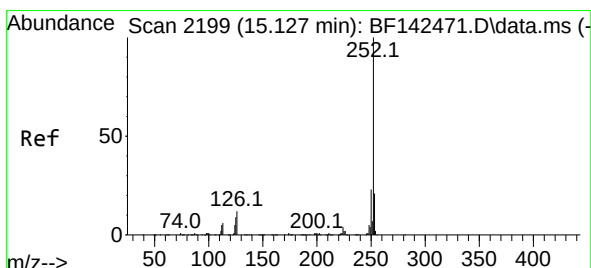
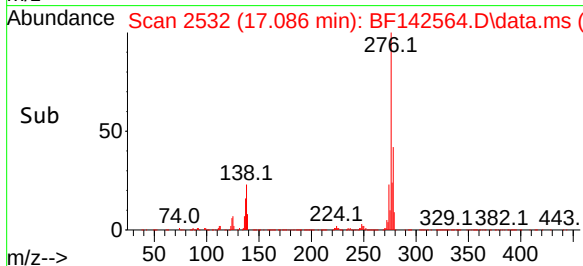
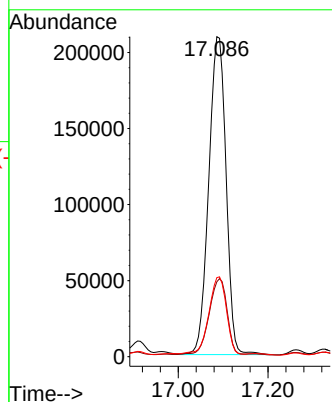
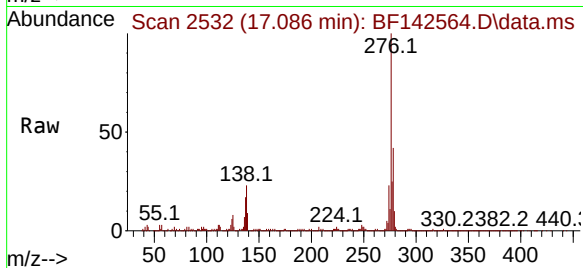
Tgt Ion:276 Resp: 559081

Ion Ratio Lower Upper

276 100

138 24.4 19.9 29.9

277 24.6 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 74.617 ng

RT: 15.133 min Scan# 2200

Delta R.T. 0.006 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

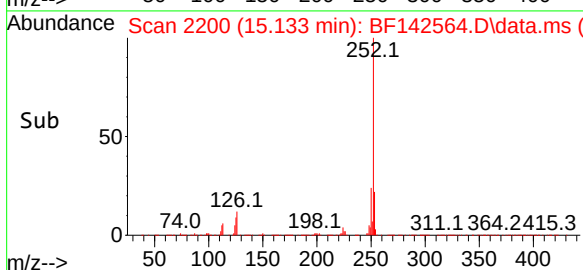
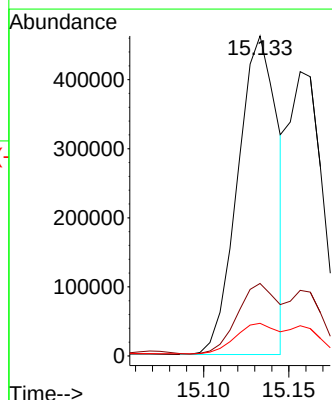
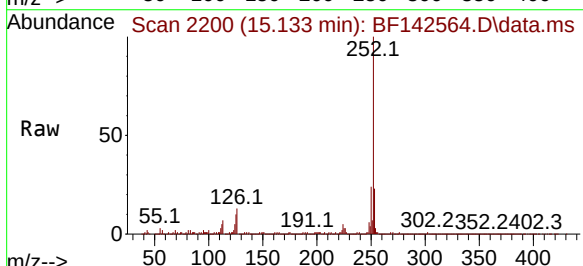
Tgt Ion:252 Resp: 747832

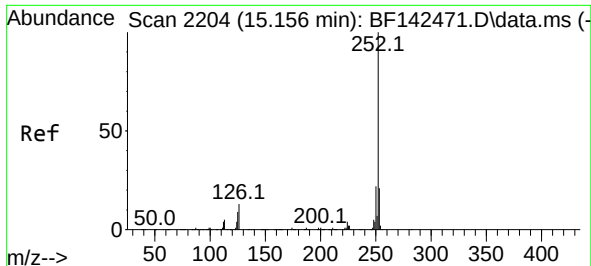
Ion Ratio Lower Upper

252 100

253 22.7 17.0 25.4

125 10.2 7.4 11.0

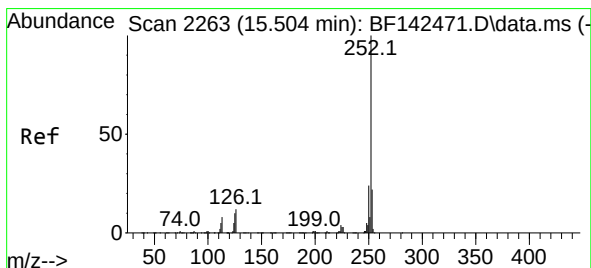
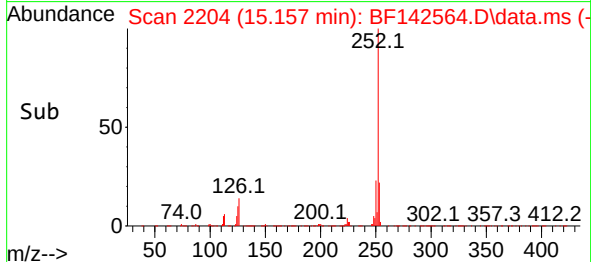
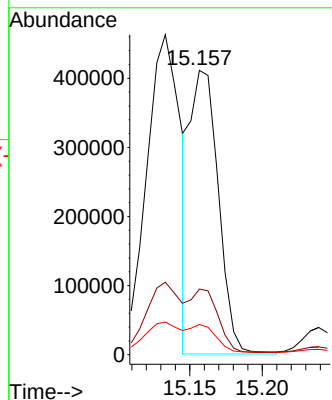
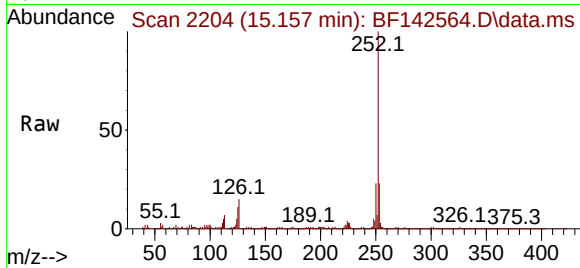




#89
Benzo(k)fluoranthene
Concen: 60.073 ng m
RT: 15.157 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

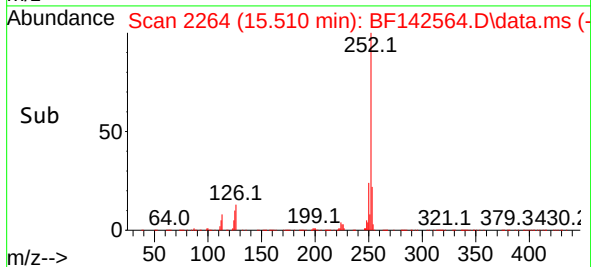
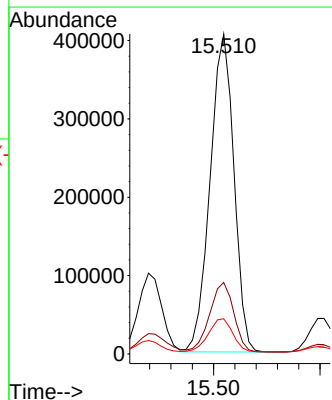
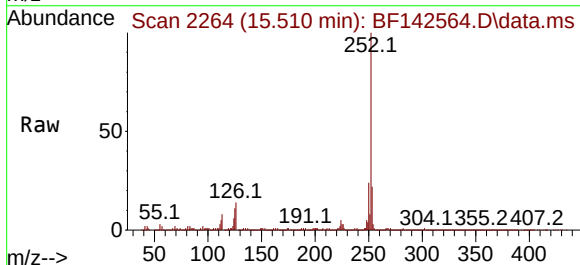
Instrument :
BNA_F
ClientSampleId :
COMP-1MSD

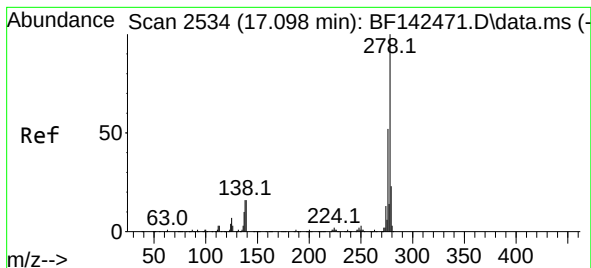
Tgt Ion:252 Resp: 563910
Ion Ratio Lower Upper
252 100
253 23.1 17.0 25.4
125 10.6 7.3 10.9



#90
Benzo(a)pyrene
Concen: 66.667 ng
RT: 15.510 min Scan# 2264
Delta R.T. 0.000 min
Lab File: BF142564.D
Acq: 27 May 2025 16:21

Tgt Ion:252 Resp: 629809
Ion Ratio Lower Upper
252 100
253 22.3 17.4 26.0
125 11.0 7.9 11.9





#91

Dibenzo(a,h)anthracene

Concen: 37.811 ng

RT: 17.104 min Scan# 2

Delta R.T. -0.012 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Instrument :

BNA_F

ClientSampleId :

COMP-1MSD

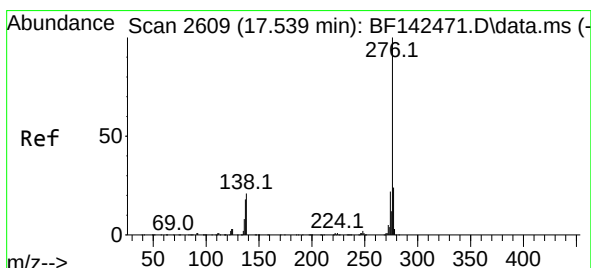
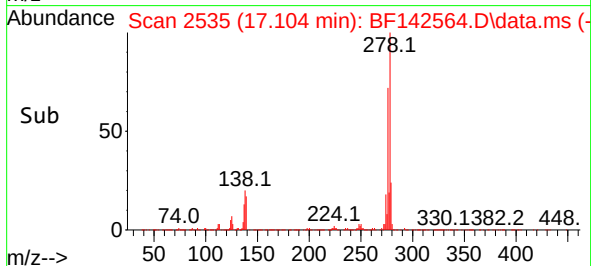
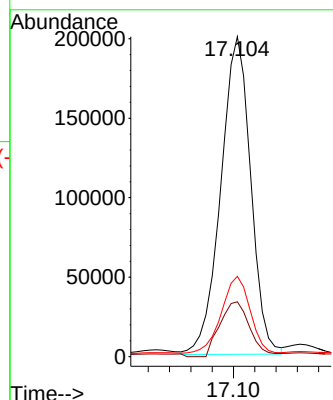
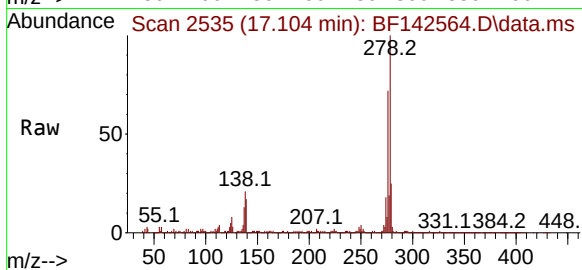
Tgt Ion:278 Resp: 389867

Ion Ratio Lower Upper

278 100

139 17.2 12.8 19.2

279 25.1 18.6 28.0



#92

Benzo(g,h,i)perylene

Concen: 45.477 ng

RT: 17.545 min Scan# 2610

Delta R.T. -0.012 min

Lab File: BF142564.D

Acq: 27 May 2025 16:21

Tgt Ion:276 Resp: 469002

Ion Ratio Lower Upper

276 100

277 24.1 19.2 28.8

138 22.8 16.8 25.2

