

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032725\
 Data File : BF142125.D
 Acq On : 27 Mar 2025 14:38
 Operator : RC/JU
 Sample : Q1645-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Quant Time: Mar 27 15:05:29 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	118931	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	428651	20.000	ng	-0.01
39) Acenaphthene-d10	9.910	164	240079	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	421857	20.000	ng	0.00
76) Chrysene-d12	14.033	240	270603	20.000	ng	0.00
86) Perylene-d12	15.510	264	302888	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	807674	113.341	ng	0.00
7) Phenol-d6	6.498	99	999127	110.120	ng	0.00
23) Nitrobenzene-d5	7.434	82	650597	85.414	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	375780	123.380	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1242403	78.702	ng	-0.01
79) Terphenyl-d14	12.980	244	1438911	78.616	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	126662	42.421	ng	97
3) Pyridine	3.434	79	344324	47.013	ng	97
4) n-Nitrosodimethylamine	3.381	42	151391	43.362	ng	91
6) Aniline	6.534	93	255002	28.490	ng	99
8) 2-Chlorophenol	6.657	128	384383	48.636	ng	97
9) Benzaldehyde	6.422	77	245382	48.358	ng	97
10) Phenol	6.510	94	457747	47.956	ng	99
11) bis(2-Chloroethyl)ether	6.604	93	332329	46.368	ng	97
12) 1,3-Dichlorobenzene	6.810	146	411305	48.205	ng	99
13) 1,4-Dichlorobenzene	6.887	146	421654	48.842	ng	99
14) 1,2-Dichlorobenzene	7.040	146	403225	49.588	ng	98
15) Benzyl Alcohol	7.010	79	328415	44.773	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	368509	42.588	ng	99
17) 2-Methylphenol	7.122	107	306558	48.784	ng	99
18) Hexachloroethane	7.381	117	152043	46.966	ng	96
19) n-Nitroso-di-n-propyla...	7.281	70	244537	41.945	ng	99
20) 3+4-Methylphenols	7.275	107	383127	47.600	ng	# 81
22) Acetophenone	7.281	105	504066	49.104	ng	99
24) Nitrobenzene	7.451	77	365582	48.280	ng	98
25) Isophorone	7.692	82	642412	47.713	ng	98
26) 2-Nitrophenol	7.769	139	195542	52.616	ng	98
27) 2,4-Dimethylphenol	7.804	122	313727	61.306	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	391299	46.336	ng	98
29) 2,4-Dichlorophenol	8.010	162	310476	48.880	ng	98
30) 1,2,4-Trichlorobenzene	8.092	180	344625	49.233	ng	98
31) Naphthalene	8.175	128	1020223	46.334	ng	99
32) Benzoic acid	7.804	122	313727	69.743	ng	# 12
33) 4-Chloroaniline	8.222	127	136643	17.579	ng	98
34) Hexachlorobutadiene	8.292	225	227475	49.830	ng	99
35) Caprolactam	8.586	113	63497	32.789	ng	88
36) 4-Chloro-3-methylphenol	8.704	107	329805	46.546	ng	98
37) 2-Methylnaphthalene	8.869	142	629321	42.759	ng	99
38) 1-Methylnaphthalene	8.963	142	651028	45.839	ng	99
40) 1,2,4,5-Tetrachloroben...	9.034	216	360644	49.339	ng	98
41) Hexachlorocyclopentadiene	9.016	237	427558	149.464	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	236165	49.438	ng	99

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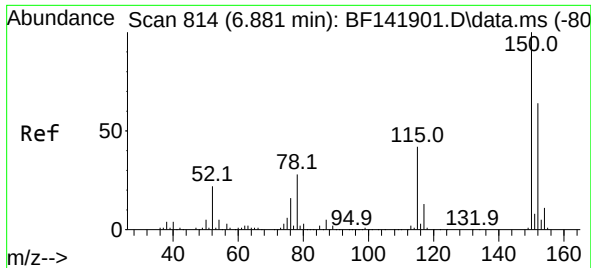
Quant Time: Mar 27 15:05:29 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	245046	50.648	ng	99
46) 1,1'-Biphenyl	9.328	154	870804	47.737	ng	100
47) 2-Chloronaphthalene	9.357	162	667161	49.069	ng	98
48) 2-Nitroaniline	9.451	65	196504	49.916	ng	96
49) Acenaphthylene	9.769	152	1053858	52.232	ng	100
50) Dimethylphthalate	9.628	163	790228	47.003	ng	100
51) 2,6-Dinitrotoluene	9.692	165	177926	50.830	ng	91
52) Acenaphthene	9.945	154	670697	47.302	ng	99
53) 3-Nitroaniline	9.857	138	98500	27.741	ng	98
54) 2,4-Dinitrophenol	9.969	184	63531	35.892	ng	# 48
55) Dibenzofuran	10.116	168	942951	46.542	ng	98
56) 4-Nitrophenol	10.022	139	257427	96.137	ng	96
57) 2,4-Dinitrotoluene	10.098	165	248908	54.443	ng	96
58) Fluorene	10.457	166	753136	48.204	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	197384	44.834	ng	96
60) Diethylphthalate	10.328	149	764234	45.588	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	388582	47.704	ng	96
62) 4-Nitroaniline	10.475	138	183216	53.001	ng	98
63) Azobenzene	10.610	77	752901	48.308	ng	95
65) 4,6-Dinitro-2-methylph...	10.504	198	79963	31.796	ng	95
66) n-Nitrosodiphenylamine	10.569	169	656483	48.089	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	254054	47.952	ng	97
68) Hexachlorobenzene	11.004	284	291080	50.094	ng	97
69) Atrazine	11.092	200	234787	56.102	ng	99
70) Pentachlorophenol	11.198	266	198824	55.535	ng	99
71) Phenanthrene	11.422	178	1120873	49.192	ng	99
72) Anthracene	11.475	178	1153378	50.454	ng	100
73) Carbazole	11.627	167	1000454	50.746	ng	99
74) Di-n-butylphthalate	11.951	149	1162000	44.420	ng	99
75) Fluoranthene	12.610	202	1154134	47.750	ng	99
77) Benzidine	12.727	184	313510	83.040	ng	99
78) Pyrene	12.839	202	1149036	49.088	ng	99
80) Butylbenzylphthalate	13.451	149	407688	44.499	ng	98
81) Benzo(a)anthracene	14.027	228	888765	50.051	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	87161	16.985	ng	98
83) Chrysene	14.063	228	778573	48.370	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	466870	36.959	ng	99
85) Di-n-octyl phthalate	14.621	149	737971	41.987	ng	98
87) Indeno(1,2,3-cd)pyrene	17.004	276	885912	45.215	ng	98
88) Benzo(b)fluoranthene	15.080	252	876313	42.214	ng	99
89) Benzo(k)fluoranthene	15.110	252	790523	44.500	ng	99
90) Benzo(a)pyrene	15.451	252	824350	50.752	ng	99
91) Dibenzo(a,h)anthracene	17.015	278	708761	43.843	ng	98
92) Benzo(g,h,i)perylene	17.451	276	636501	39.843	ng	97

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

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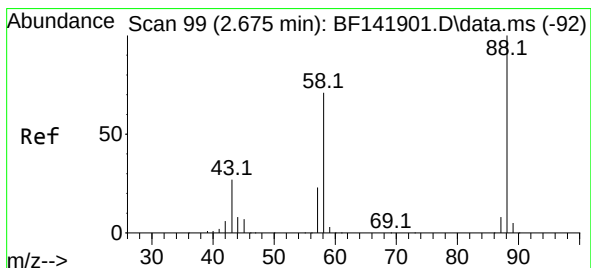
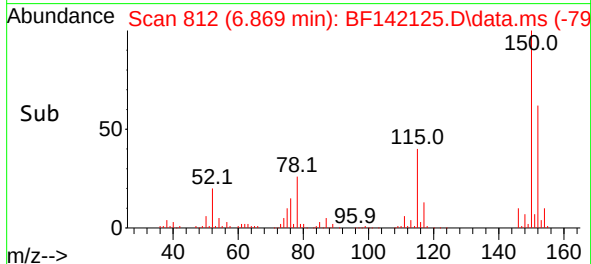
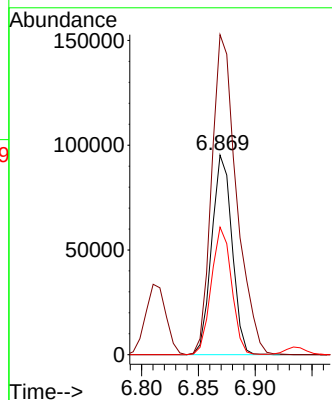
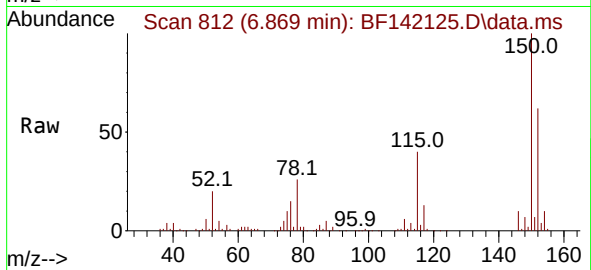




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.869 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

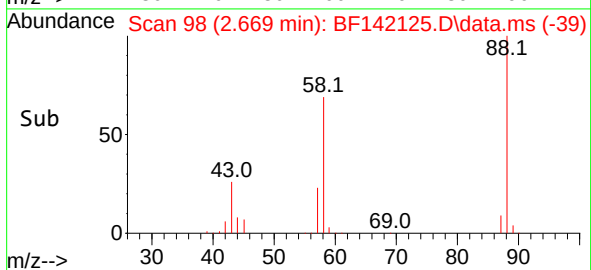
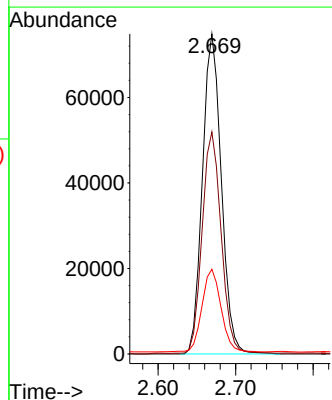
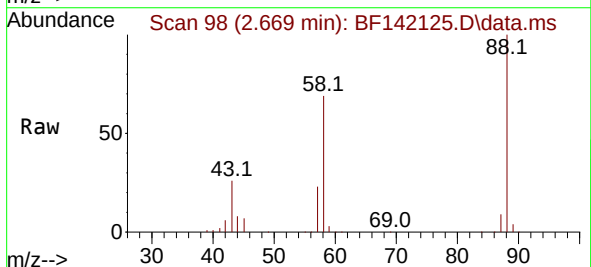
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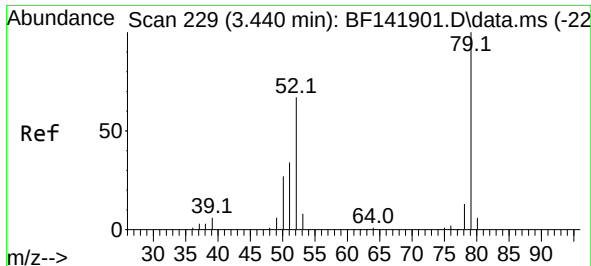
Tgt Ion:152 Resp: 118931
 Ion Ratio Lower Upper
 152 100
 150 160.4 127.4 191.2
 115 63.9 51.9 77.9



#2
 1,4-Dioxane
 Concen: 42.421 ng
 RT: 2.669 min Scan# 98
 Delta R.T. -0.006 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

Tgt Ion: 88 Resp: 126662
 Ion Ratio Lower Upper
 88 100
 58 69.3 57.4 86.2
 43 26.0 21.5 32.3





#3

Pyridine

Concen: 47.013 ng

RT: 3.434 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

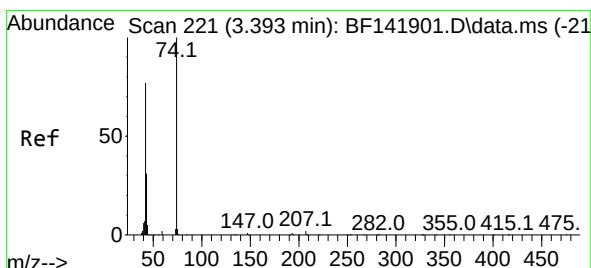
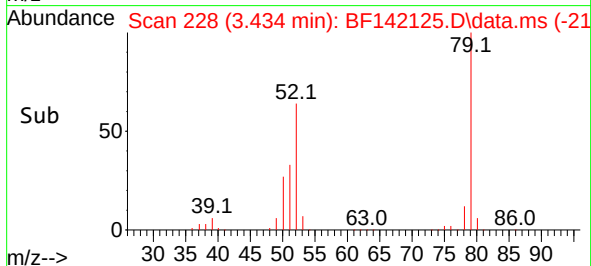
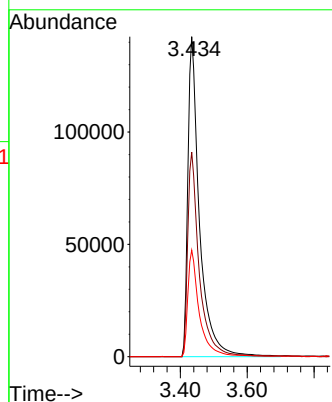
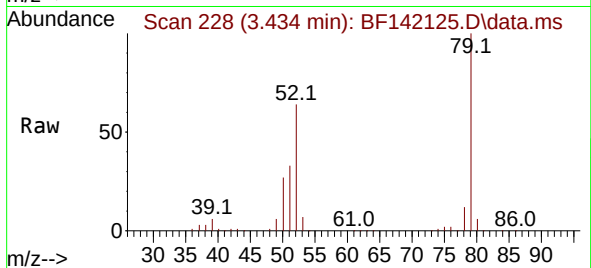
Tgt Ion: 79 Resp: 344324

Ion Ratio Lower Upper

79 100

52 64.0 53.3 79.9

51 33.3 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 43.362 ng

RT: 3.381 min Scan# 219

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

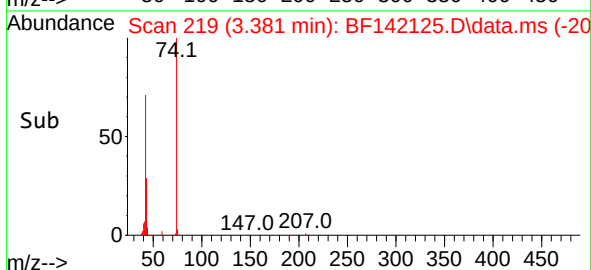
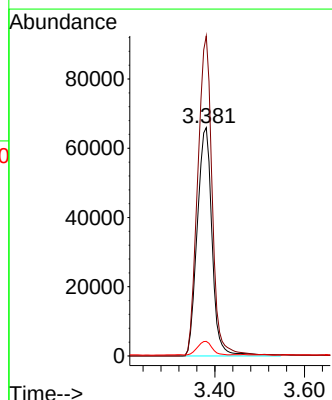
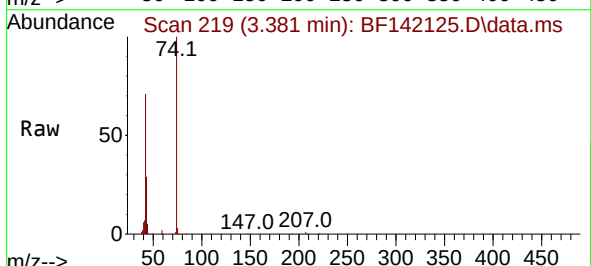
Tgt Ion: 42 Resp: 151391

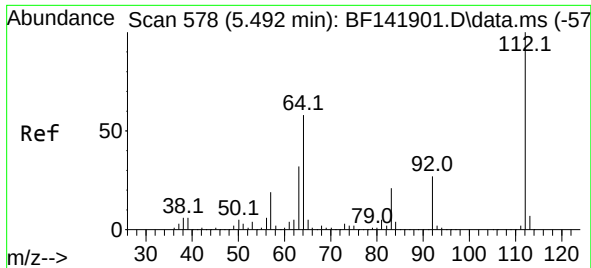
Ion Ratio Lower Upper

42 100

74 140.2 103.4 155.0

44 6.4 5.0 7.4

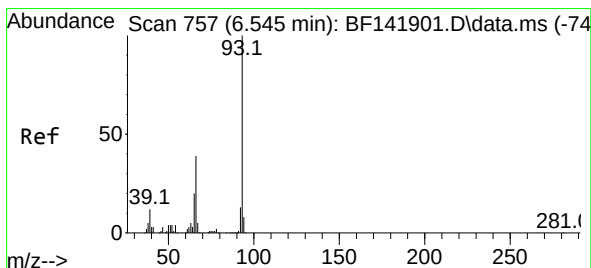
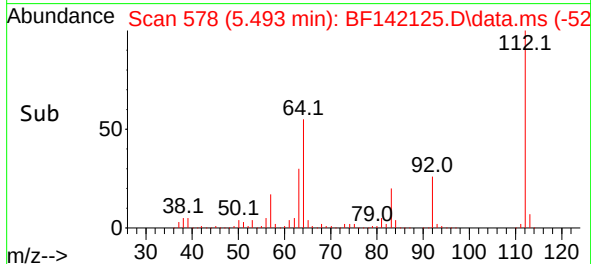
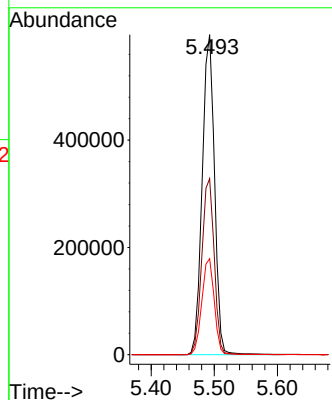
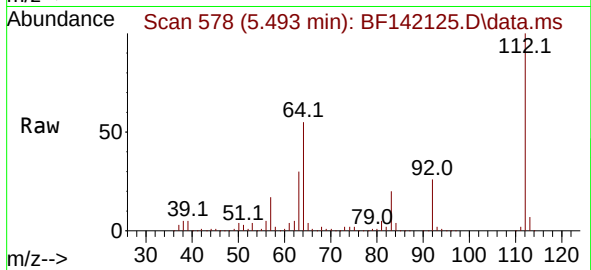




#5
2-Fluorophenol
Concen: 113.341 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

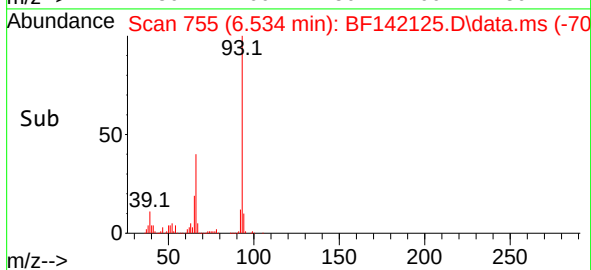
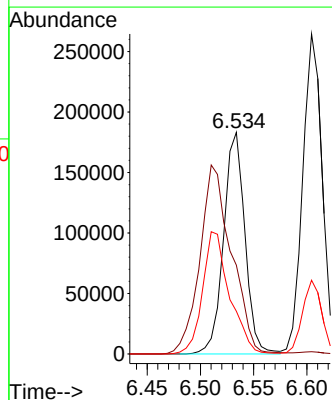
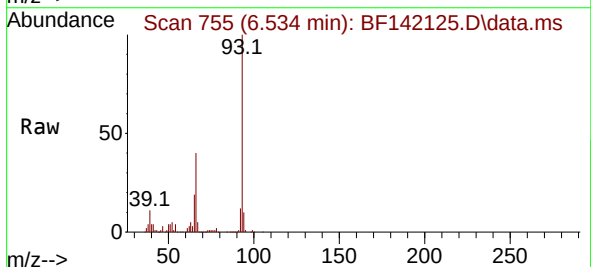
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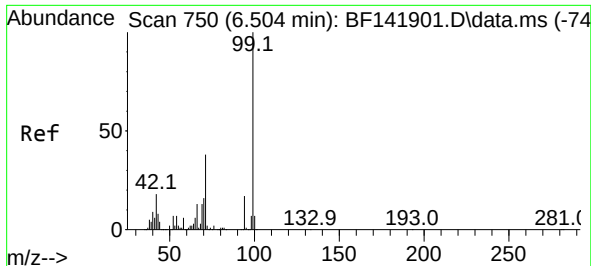
Tgt Ion:112 Resp: 807674
Ion Ratio Lower Upper
112 100
64 55.0 46.5 69.7
63 30.0 25.4 38.2



#6
Aniline
Concen: 28.490 ng
RT: 6.534 min Scan# 755
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 93 Resp: 255002
Ion Ratio Lower Upper
93 100
66 40.1 31.9 47.9
65 19.3 15.8 23.6

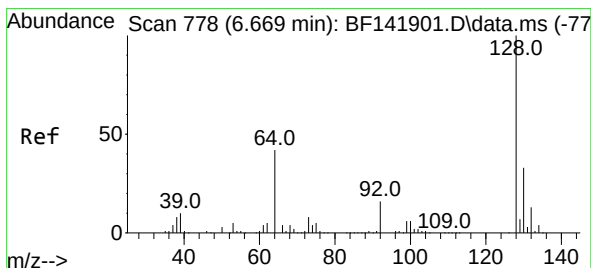
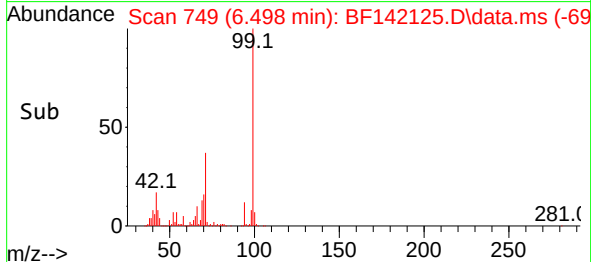
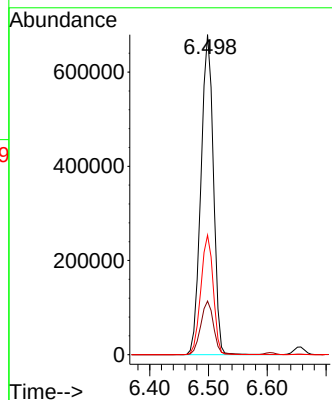
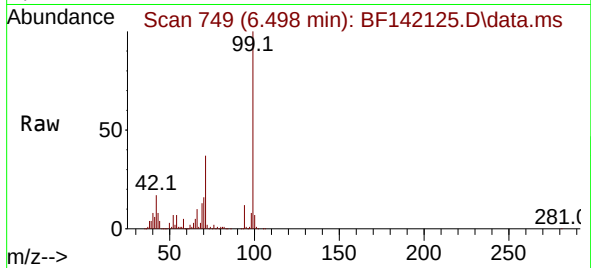




#7
Phenol-d6
Concen: 110.120 ng
RT: 6.498 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

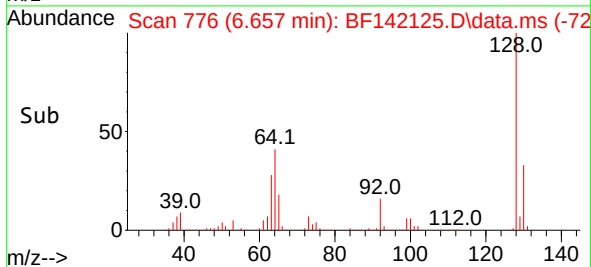
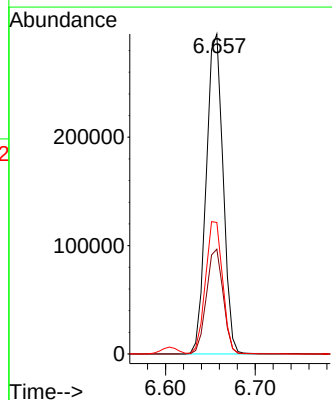
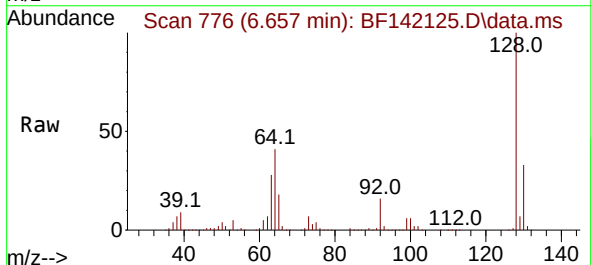
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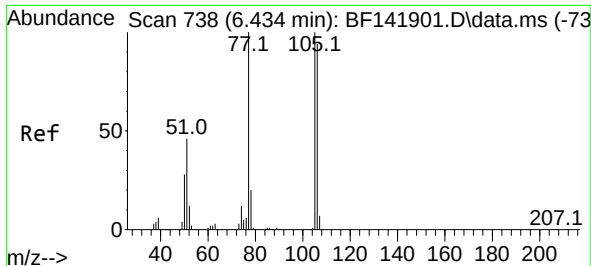
Tgt Ion: 99 Resp: 999127
Ion Ratio Lower Upper
99 100
42 16.7 14.6 21.8
71 37.4 30.8 46.2



#8
2-Chlorophenol
Concen: 48.636 ng
RT: 6.657 min Scan# 776
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 128 Resp: 384383
Ion Ratio Lower Upper
128 100
130 32.8 12.8 52.8
64 41.1 24.4 64.4

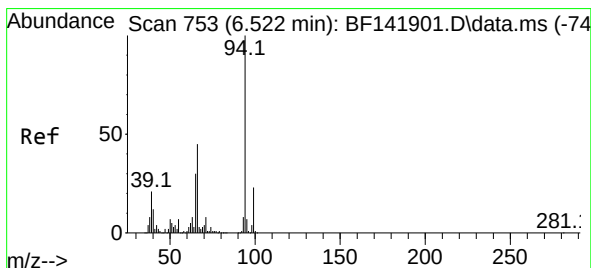
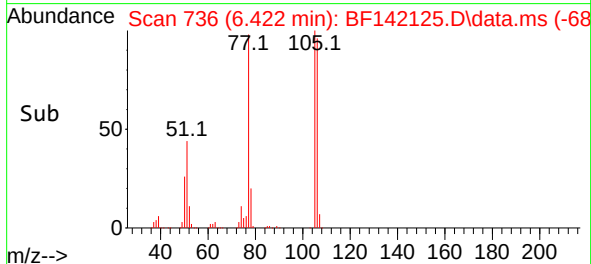
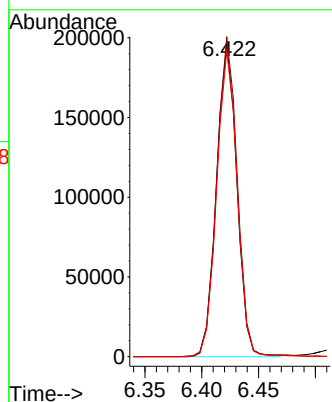
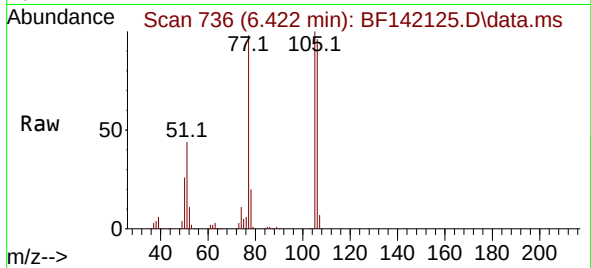




#9
Benzaldehyde
Concen: 48.358 ng
RT: 6.422 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

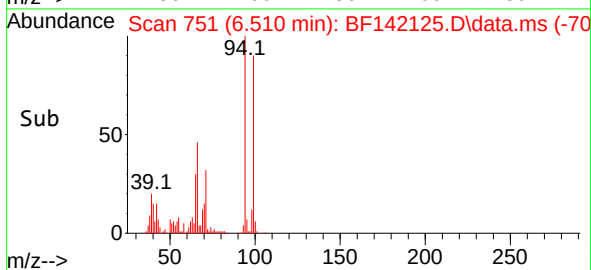
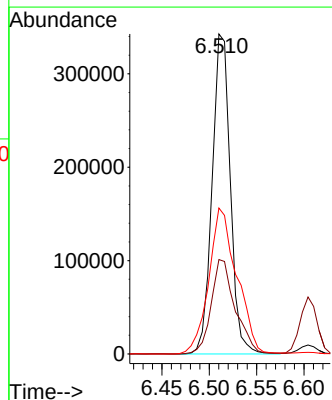
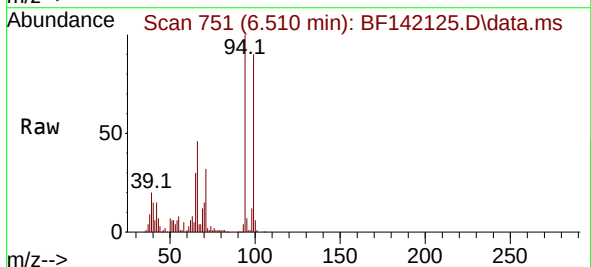
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ClientSampleId :
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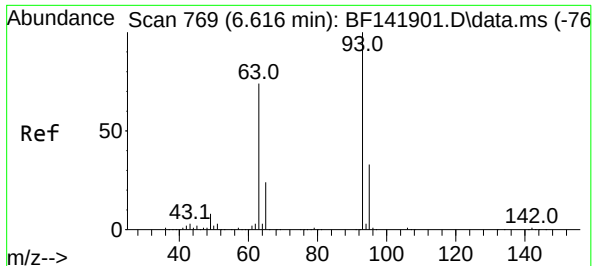
Tgt Ion: 77 Resp: 245382
Ion Ratio Lower Upper
77 100
105 102.3 80.0 120.0
106 97.7 74.5 114.5



#10
Phenol
Concen: 47.956 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 94 Resp: 457747
Ion Ratio Lower Upper
94 100
65 29.5 10.5 50.5
66 45.6 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 46.368 ng

RT: 6.604 min Scan# 769

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

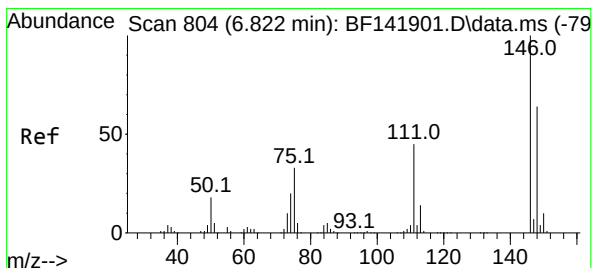
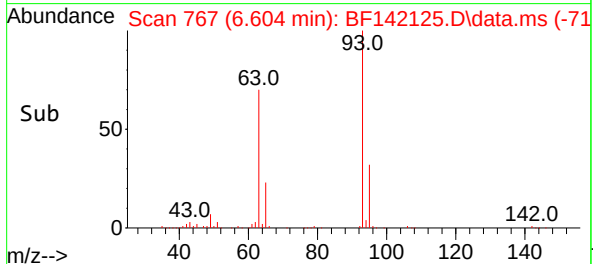
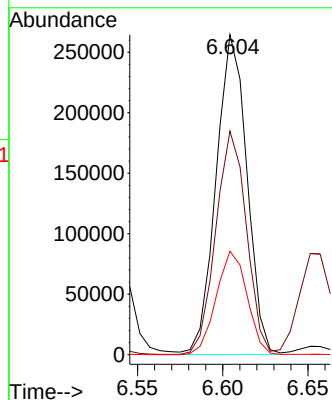
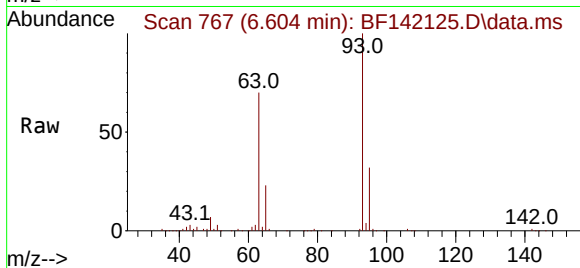
Tgt Ion: 93 Resp: 332329

Ion Ratio Lower Upper

93 100

63 69.9 53.0 93.0

95 32.4 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 48.205 ng

RT: 6.810 min Scan# 802

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

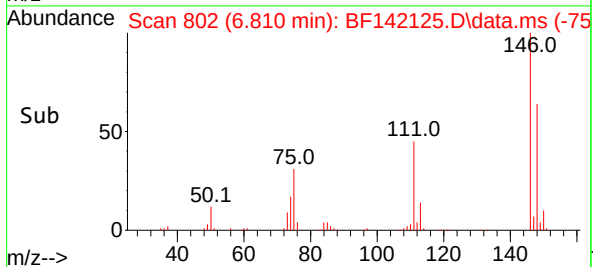
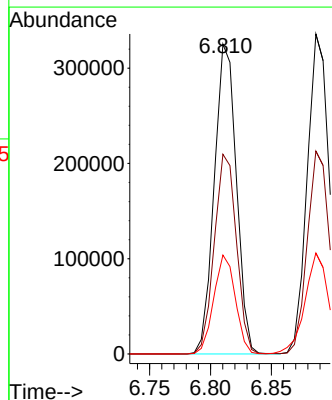
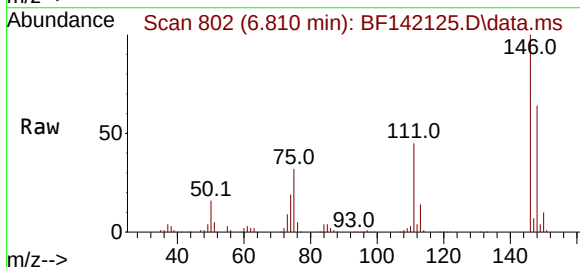
Tgt Ion: 146 Resp: 411305

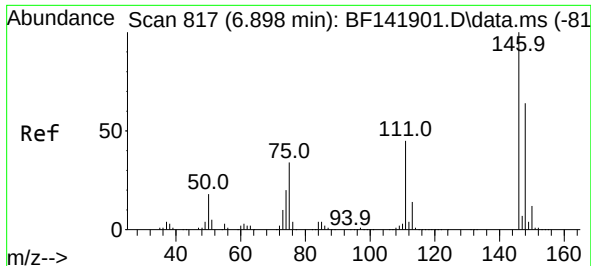
Ion Ratio Lower Upper

146 100

148 64.5 51.3 76.9

75 31.9 26.6 40.0

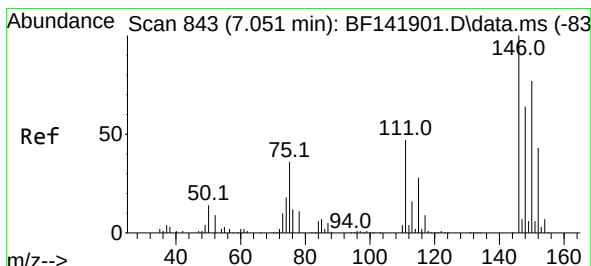
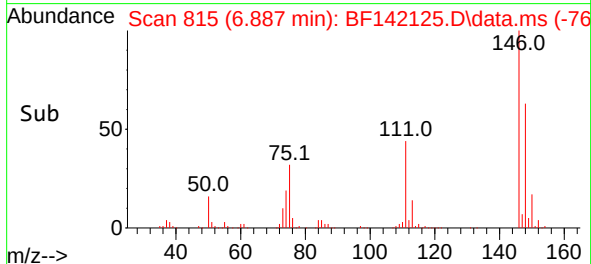
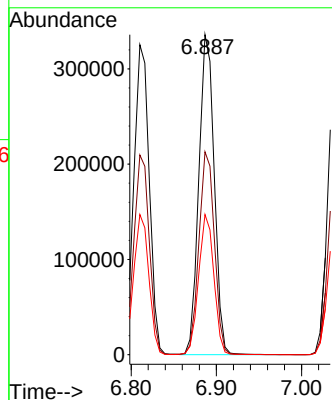
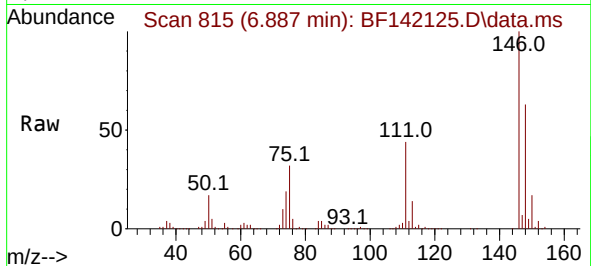




#13
1,4-Dichlorobenzene
Concen: 48.842 ng
RT: 6.887 min Scan# 815
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

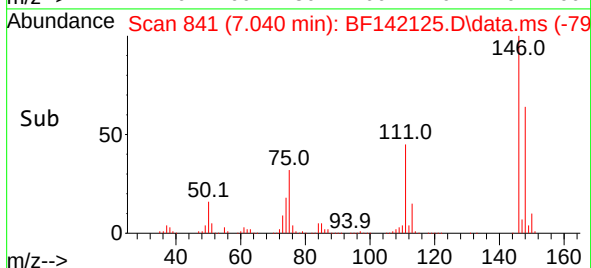
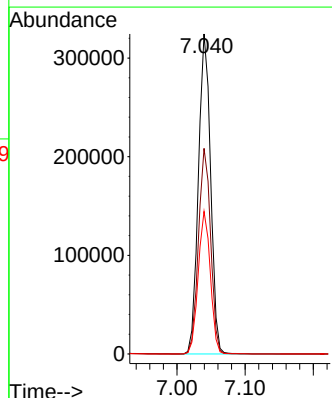
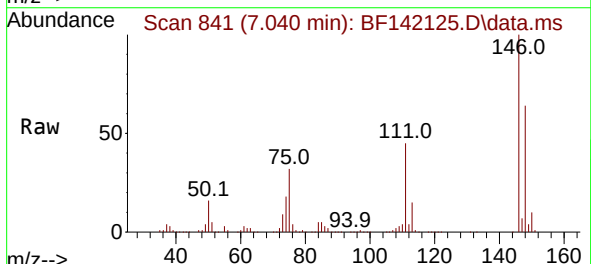
Instrument :
BNA_F
ClientSampleId :
TP-4MS

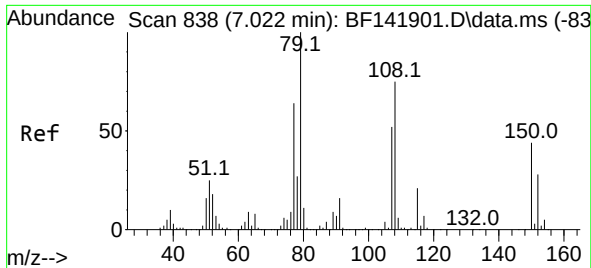
Tgt Ion:146 Resp: 421654
Ion Ratio Lower Upper
146 100
148 63.4 51.0 76.6
111 43.8 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 49.588 ng
RT: 7.040 min Scan# 841
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:146 Resp: 403225
Ion Ratio Lower Upper
146 100
148 64.3 50.8 76.2
111 44.6 38.0 57.0

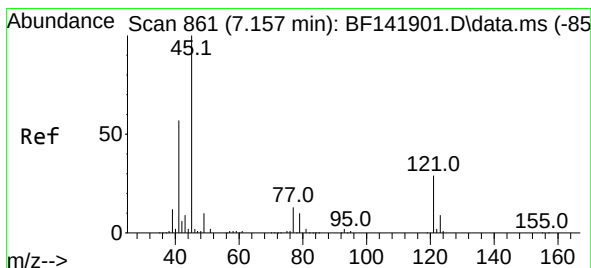
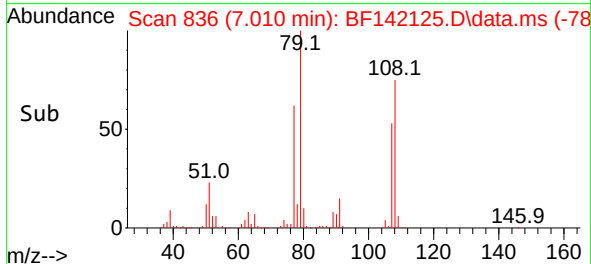
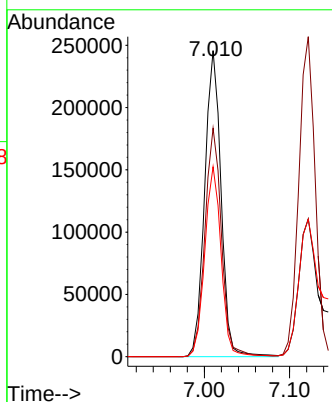
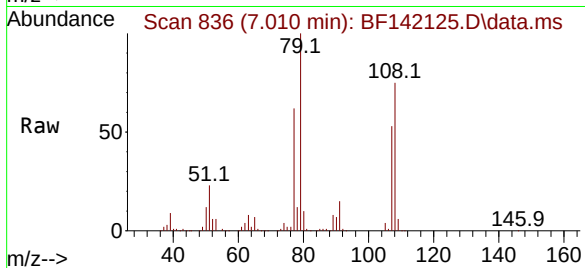




#15
Benzyl Alcohol
Concen: 44.773 ng
RT: 7.010 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

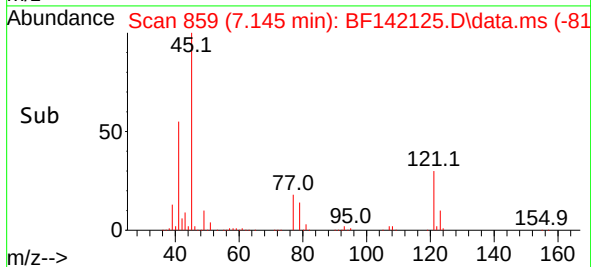
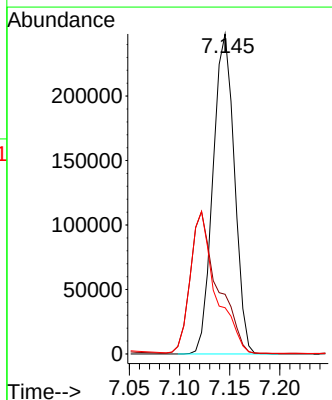
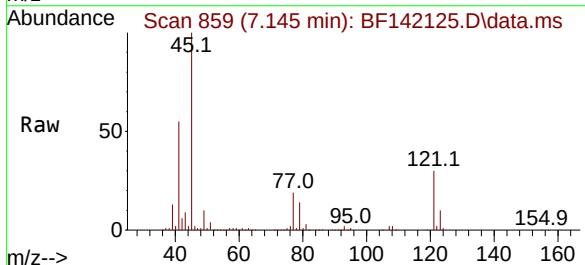
Instrument :
BNA_F
ClientSampleId :
TP-4MS

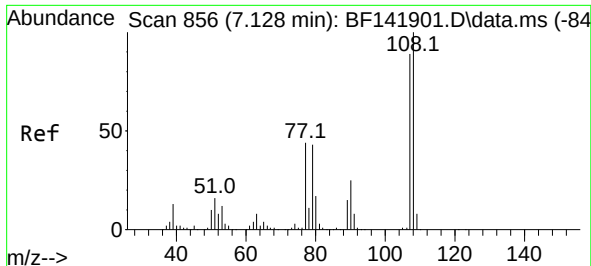
Tgt Ion: 79 Resp: 328415
Ion Ratio Lower Upper
79 100
108 74.6 59.7 89.5
77 62.0 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.588 ng
RT: 7.145 min Scan# 859
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 45 Resp: 368509
Ion Ratio Lower Upper
45 100
77 18.7 0.0 37.8
79 14.5 0.0 34.2

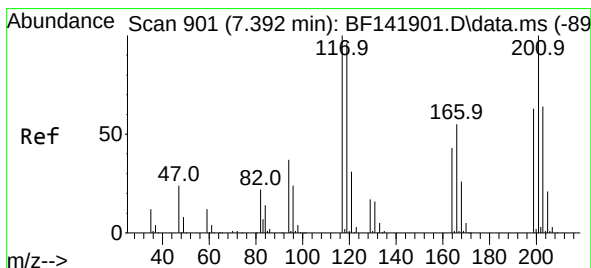
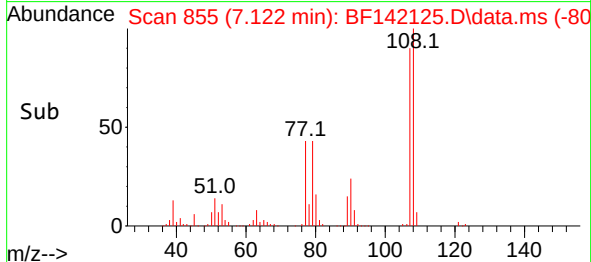
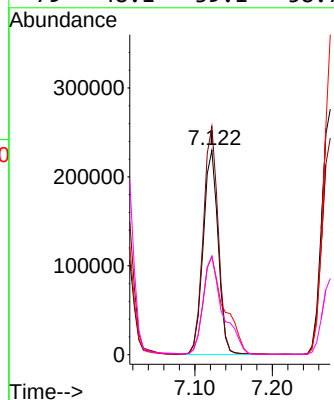
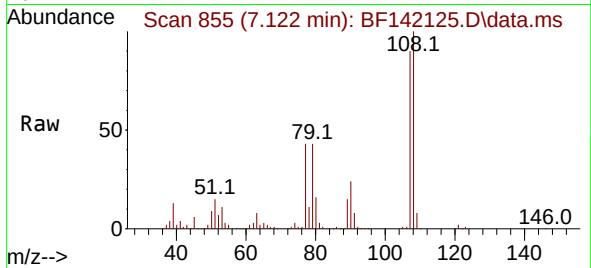




#17
2-Methylphenol
Concen: 48.784 ng
RT: 7.122 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

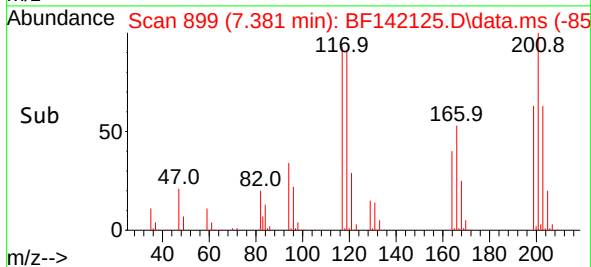
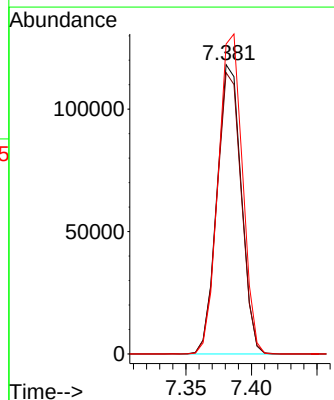
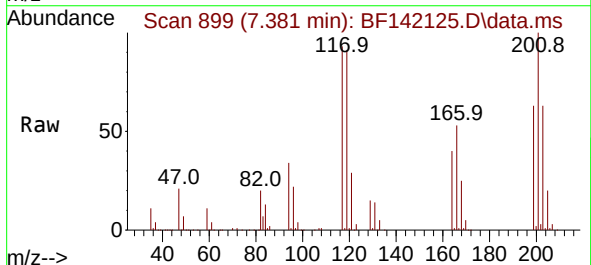
Instrument :
BNA_F
ClientSampleId :
TP-4MS

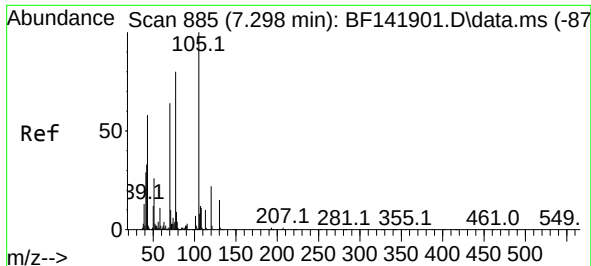
Tgt Ion:	107	Resp:	306558
Ion	Ratio	Lower	Upper
107	100		
108	111.7	90.2	135.2
77	48.0	39.6	59.4
79	48.1	39.1	58.7



#18
Hexachloroethane
Concen: 46.966 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:	117	Resp:	152043
Ion	Ratio	Lower	Upper
117	100		
119	97.2	76.9	115.3
201	107.1	79.9	119.9



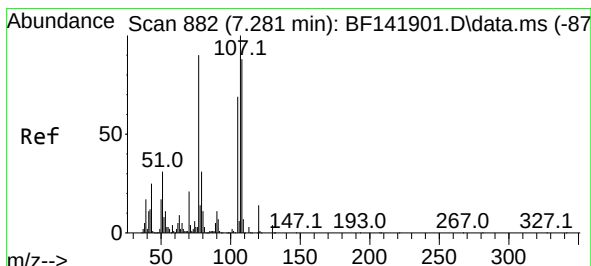
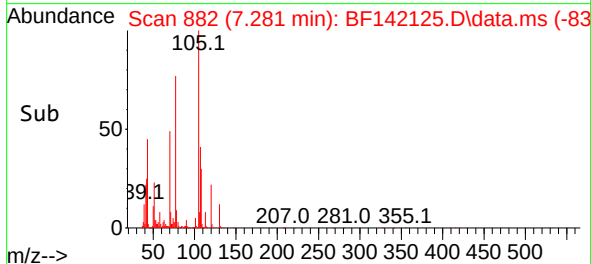
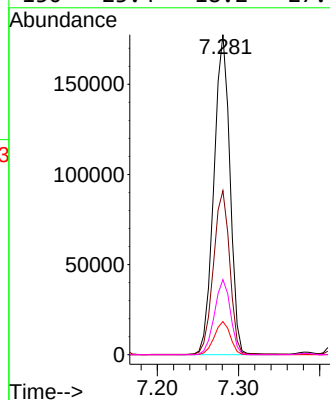
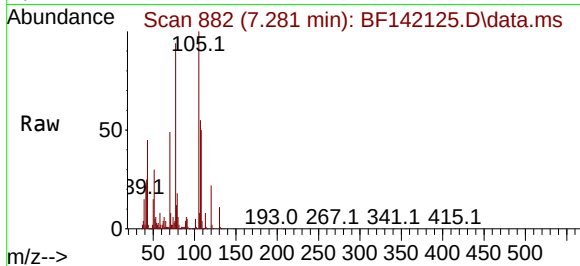


#19
n-Nitroso-di-n-propylamine
Concen: 41.945 ng
RT: 7.281 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Instrument :
BNA_F
ClientSampleId :
TP-4MS

Tgt Ion: 70 Resp: 244537

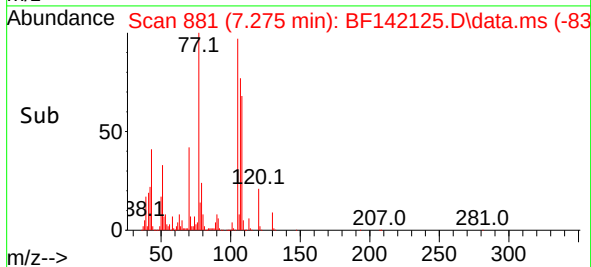
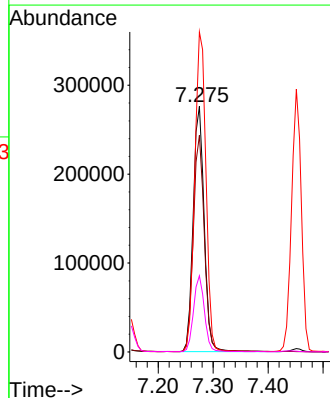
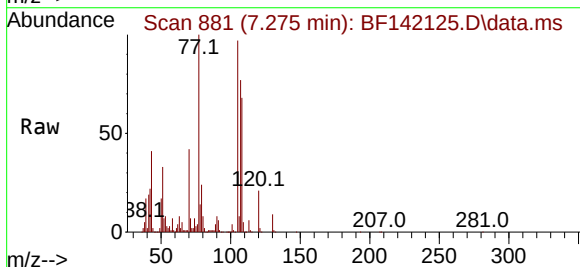
Ion	Ratio	Lower	Upper
70	100		
42	51.2	41.4	62.0
101	10.4	8.2	12.2
130	23.4	18.2	27.4

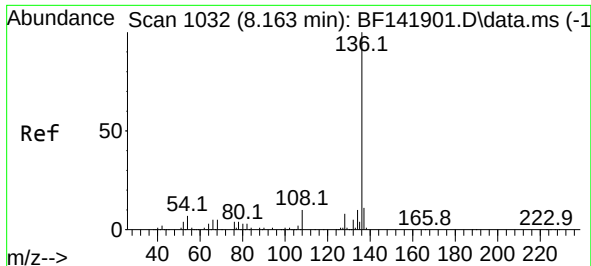


#20
3+4-Methylphenols
Concen: 47.600 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 107 Resp: 383127

Ion	Ratio	Lower	Upper
107	100		
108	88.2	68.4	108.4
77	130.3	69.7	109.7#
79	31.0	11.4	51.4

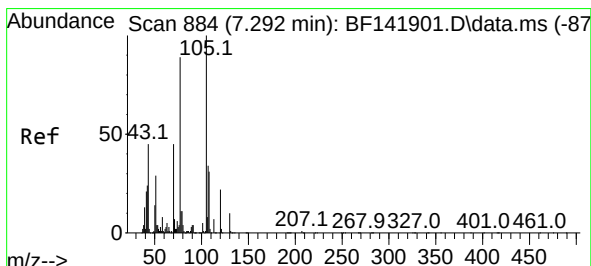
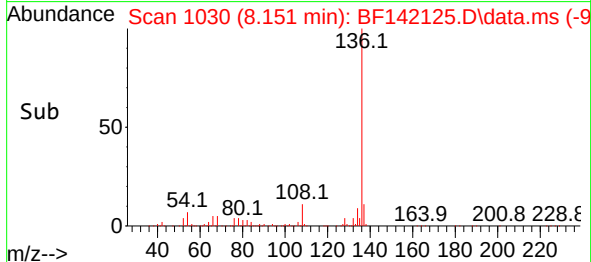
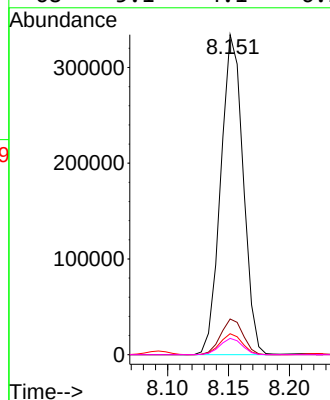
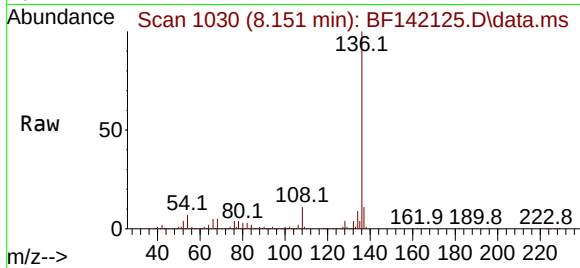




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

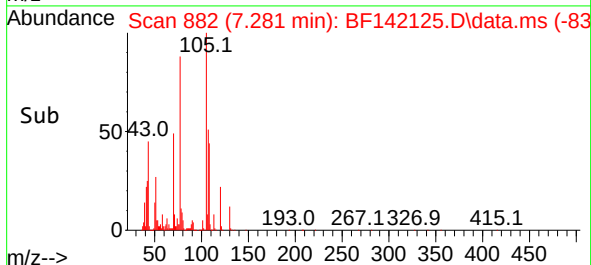
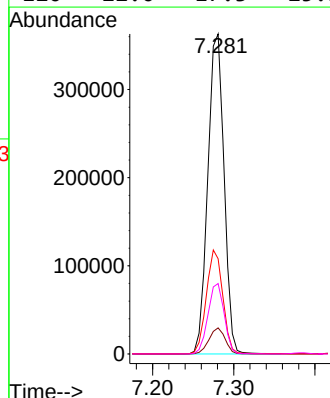
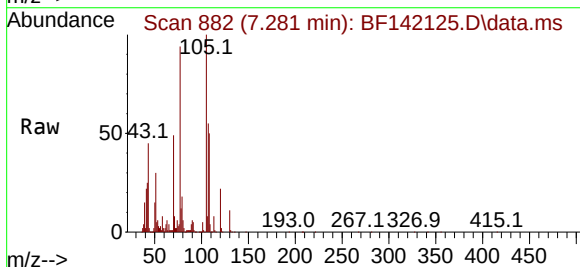
Instrument :
BNA_F
ClientSampleId :
TP-4MS

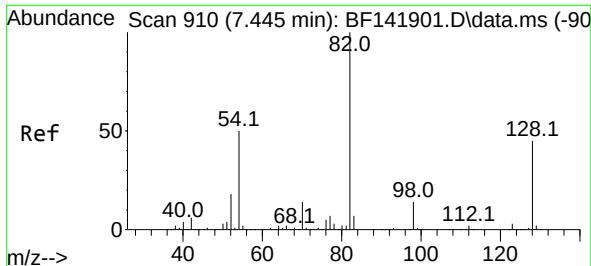
Tgt Ion:	136	Resp:	428651
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.8	13.2
54	6.5	5.8	8.8
68	5.1	4.1	6.1



#22
Acetophenone
Concen: 49.104 ng
RT: 7.281 min Scan# 882
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:	105	Resp:	504066
Ion	Ratio	Lower	Upper
105	100		
71	8.2	5.8	8.8
51	29.7	23.4	35.0
120	22.0	17.3	25.9

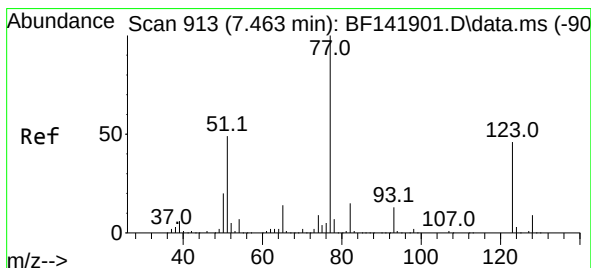
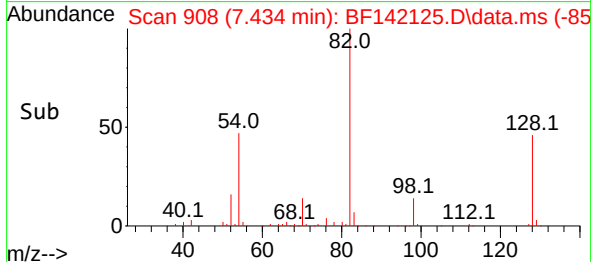
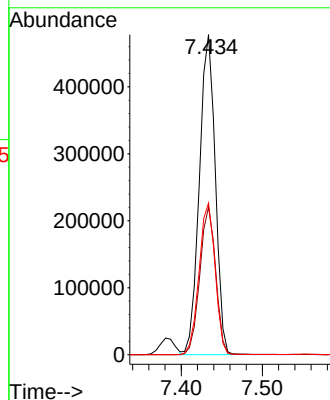
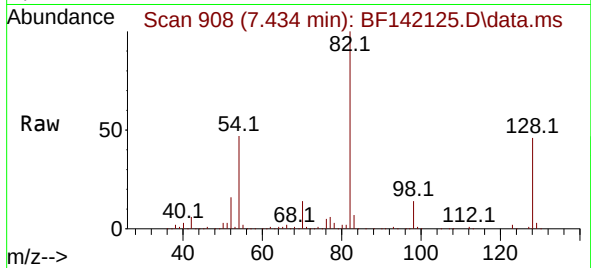




#23
Nitrobenzene-d5
Concen: 85.414 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

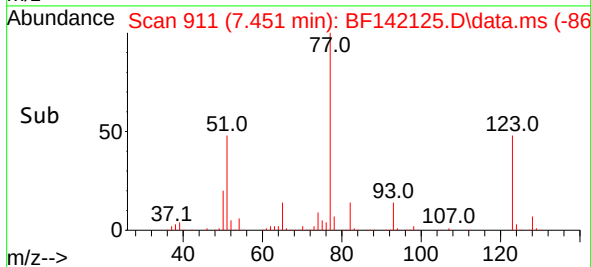
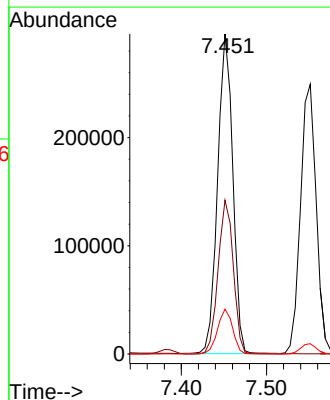
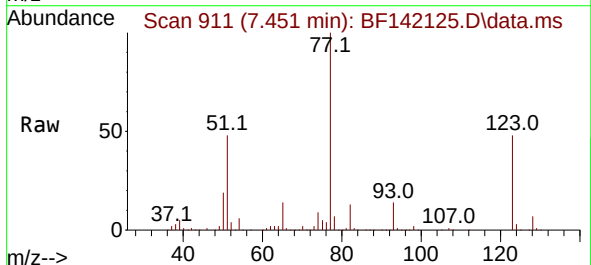
Instrument :
BNA_F
ClientSampleId :
TP-4MS

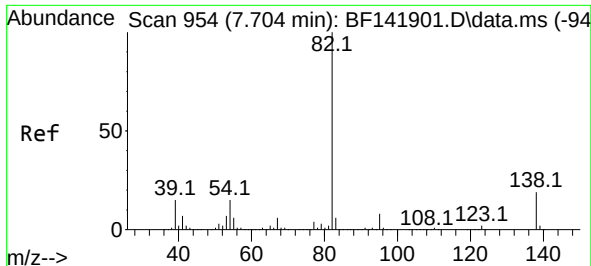
Tgt Ion: 82 Resp: 650597
Ion Ratio Lower Upper
82 100
128 46.1 36.0 54.0
54 47.4 39.6 59.4



#24
Nitrobenzene
Concen: 48.280 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion: 77 Resp: 365582
Ion Ratio Lower Upper
77 100
123 48.0 37.0 55.4
65 14.0 11.3 16.9

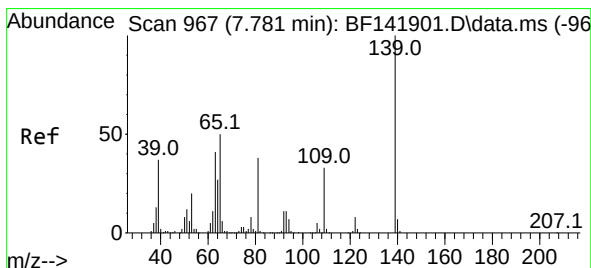
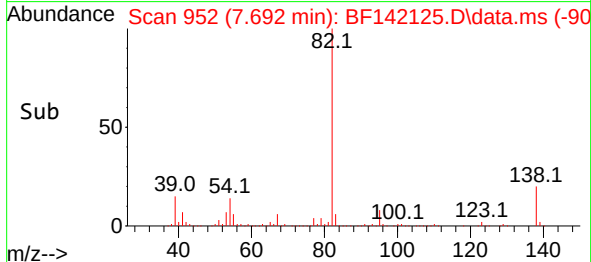
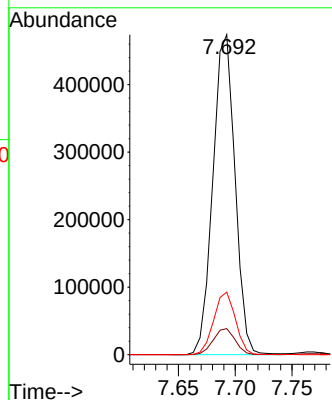
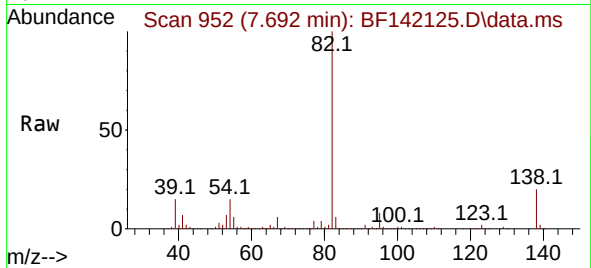




#25
Isophorone
Concen: 47.713 ng
RT: 7.692 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

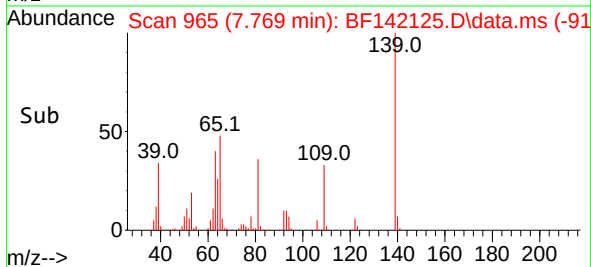
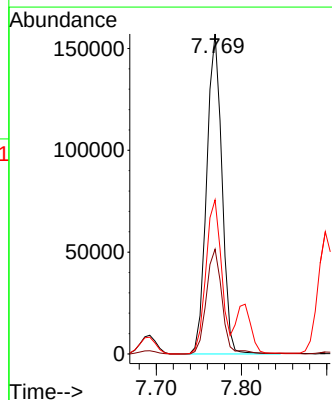
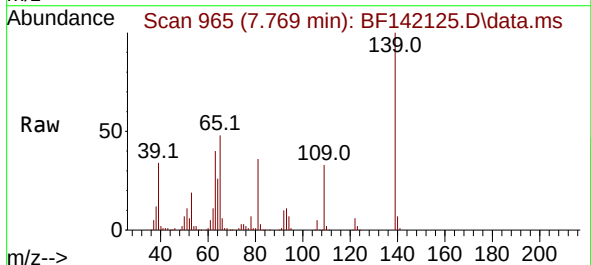
Instrument :
BNA_F
ClientSampleId :
TP-4MS

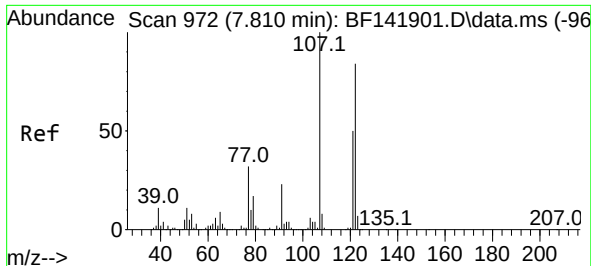
Tgt Ion: 82 Resp: 642412
Ion Ratio Lower Upper
82 100
95 8.2 6.4 9.6
138 19.6 14.9 22.3



#26
2-Nitrophenol
Concen: 52.616 ng
RT: 7.769 min Scan# 965
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:139 Resp: 195542
Ion Ratio Lower Upper
139 100
109 32.8 26.5 39.7
65 48.1 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 61.306 ng

RT: 7.804 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

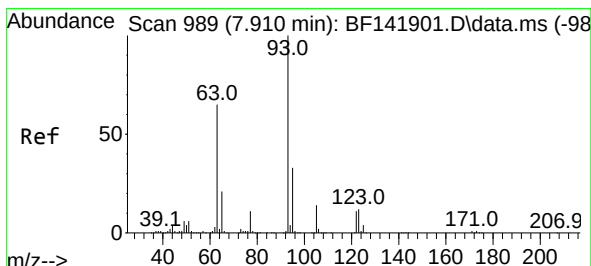
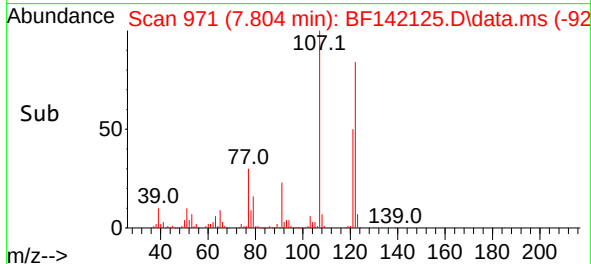
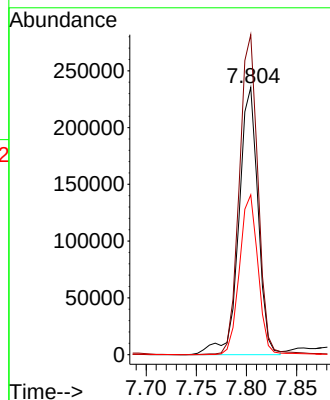
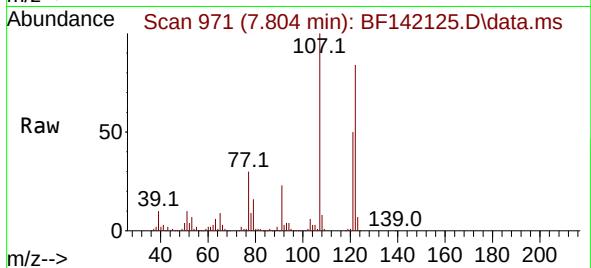
Tgt Ion:122 Resp: 313727

Ion Ratio Lower Upper

122 100

107 119.7 94.8 142.2

121 59.8 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.336 ng

RT: 7.898 min Scan# 987

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

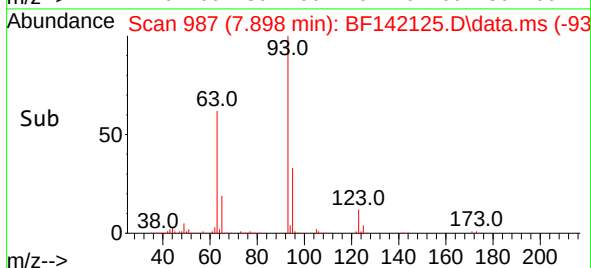
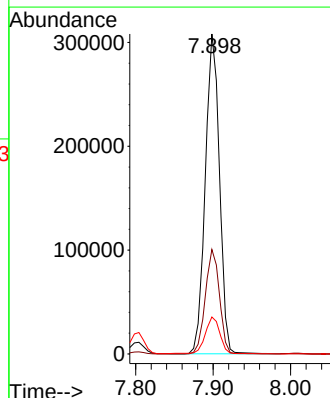
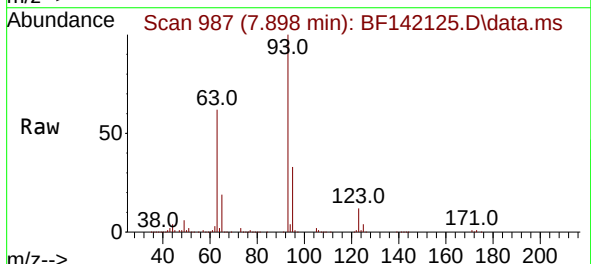
Tgt Ion: 93 Resp: 391299

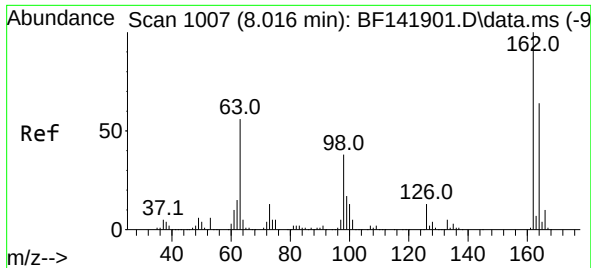
Ion Ratio Lower Upper

93 100

95 32.7 26.6 40.0

123 11.6 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 48.880 ng

RT: 8.010 min Scan# 1006

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

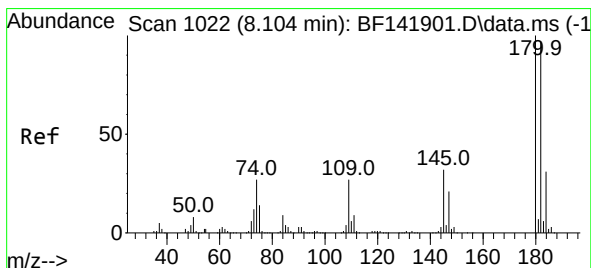
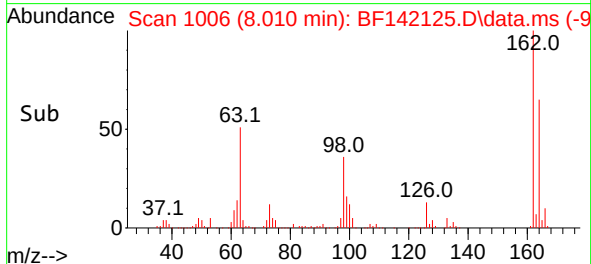
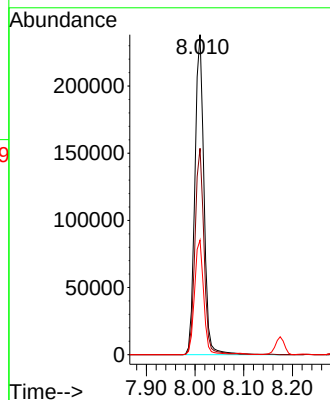
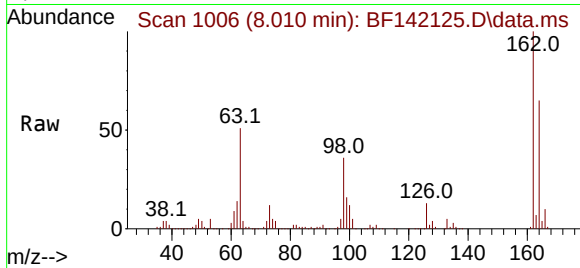
Tgt Ion:162 Resp: 310476

Ion Ratio Lower Upper

162 100

164 64.5 43.8 83.8

98 35.8 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 49.233 ng

RT: 8.092 min Scan# 1020

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

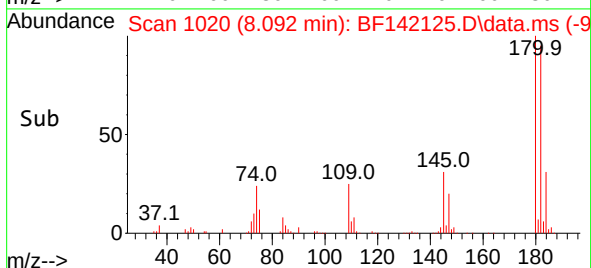
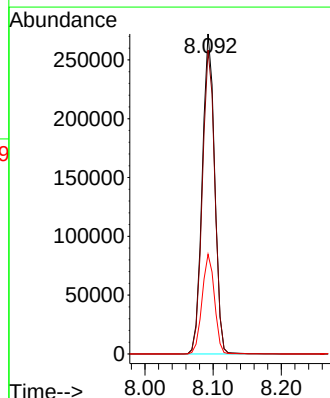
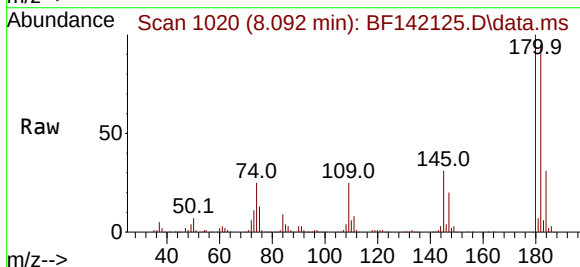
Tgt Ion:180 Resp: 344625

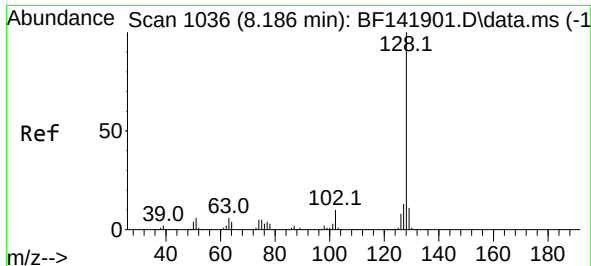
Ion Ratio Lower Upper

180 100

182 94.9 77.5 116.3

145 31.1 25.8 38.6

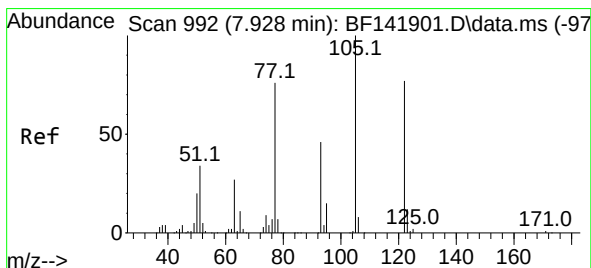
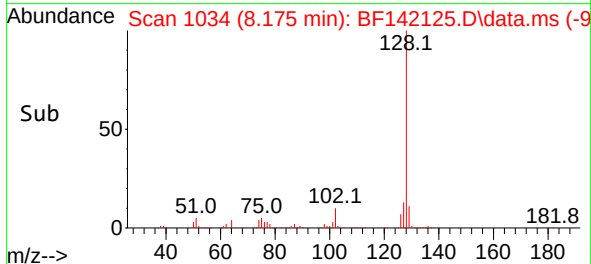
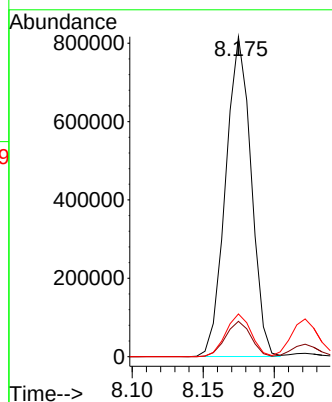
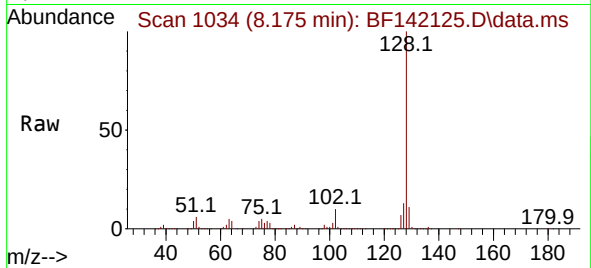




#31
Naphthalene
Concen: 46.334 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

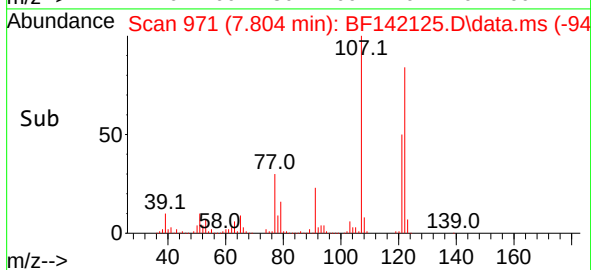
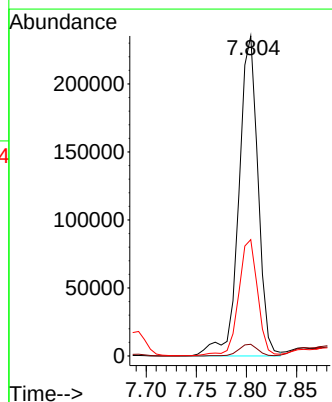
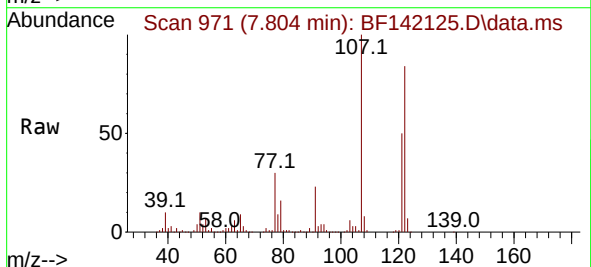
Instrument :
BNA_F
ClientSampleId :
TP-4MS

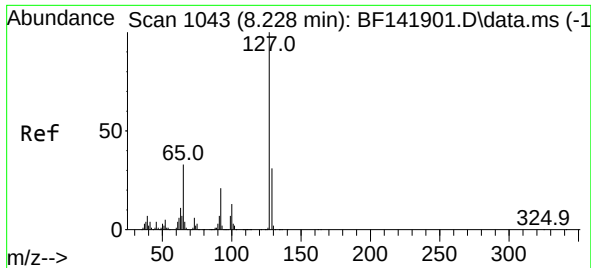
Tgt Ion:128 Resp: 1020223
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 69.743 ng
RT: 7.804 min Scan# 971
Delta R.T. -0.124 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:122 Resp: 313727
Ion Ratio Lower Upper
122 100
105 3.7 107.9 147.9#
77 36.3 79.0 119.0#

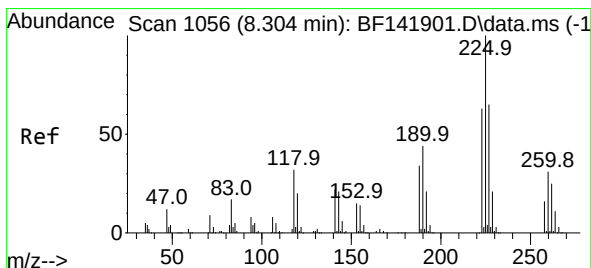
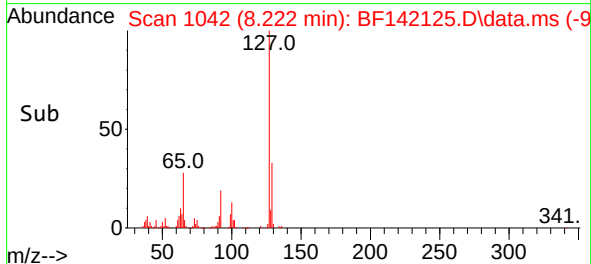
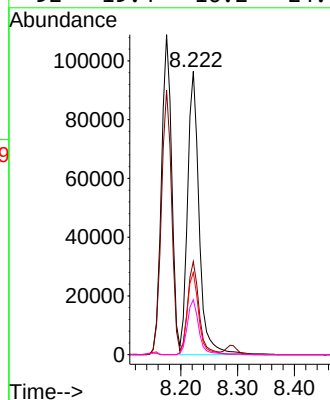
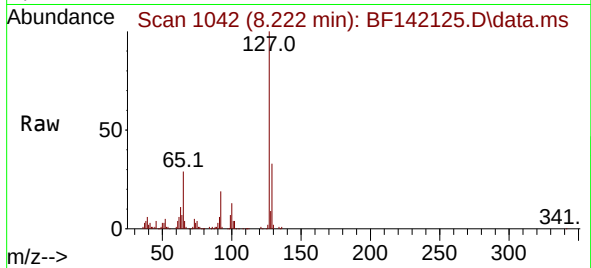




#33
4-Chloroaniline
Concen: 17.579 ng
RT: 8.222 min Scan# 1042
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

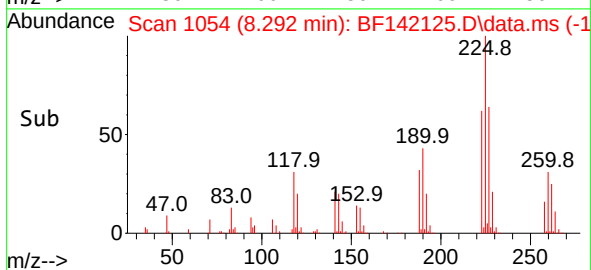
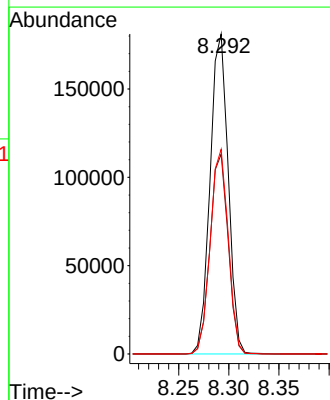
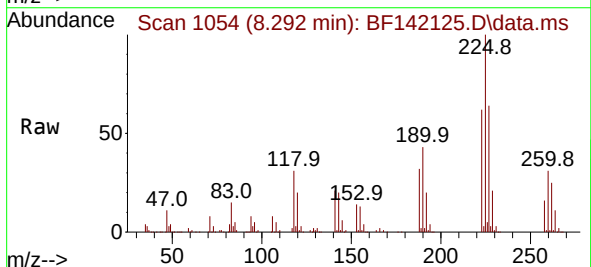
Instrument :
BNA_F
ClientSampleId :
TP-4MS

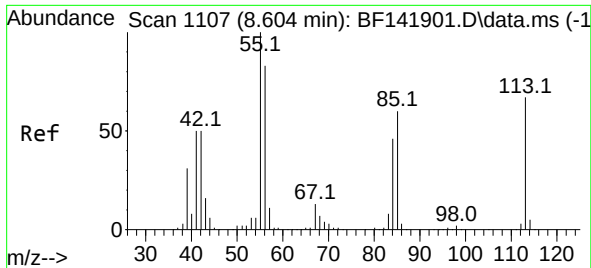
Tgt	Ion:127	Resp:	136643
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.2	39.4
65	29.0	25.4	38.2
92	19.4	16.2	24.4



#34
Hexachlorobutadiene
Concen: 49.830 ng
RT: 8.292 min Scan# 1054
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt	Ion:225	Resp:	227475
Ion	Ratio	Lower	Upper
225	100		
223	62.4	50.6	75.8
227	64.0	52.2	78.2

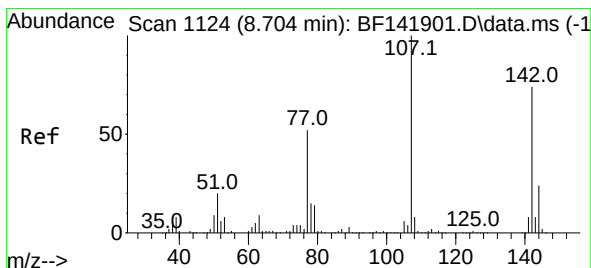
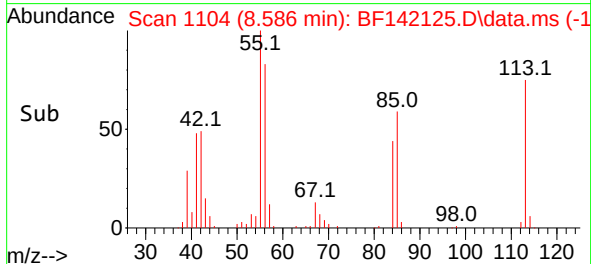
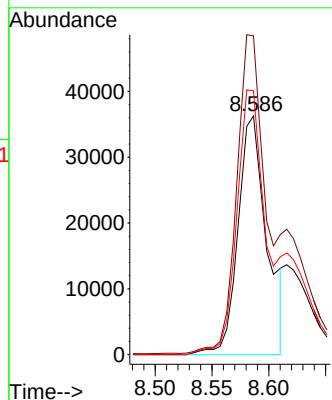
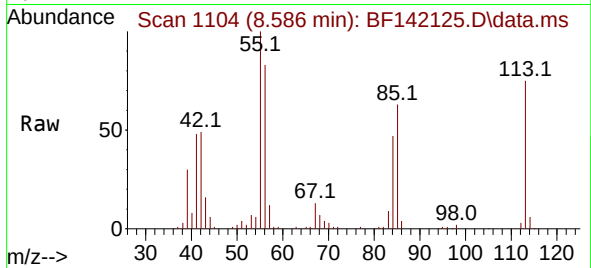




#35
Caprolactam
Concen: 32.789 ng
RT: 8.586 min Scan# 1104
Delta R.T. -0.018 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

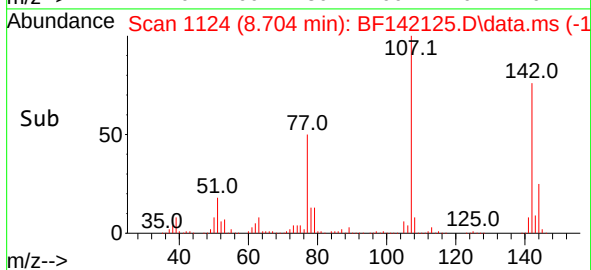
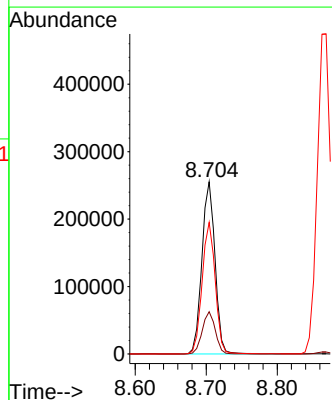
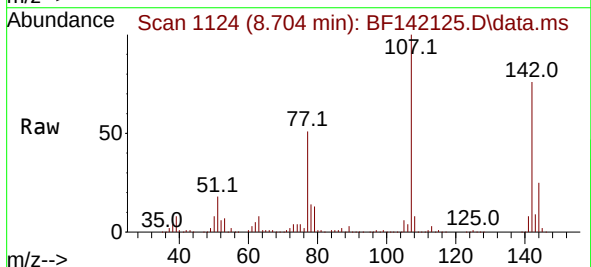
Instrument :
BNA_F
ClientSampleId :
TP-4MS

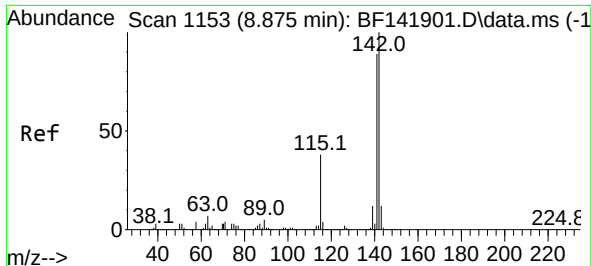
Tgt Ion:113 Resp: 63497
Ion Ratio Lower Upper
113 100
55 133.5 129.6 169.6
56 110.6 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 46.546 ng
RT: 8.704 min Scan# 1124
Delta R.T. 0.000 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:107 Resp: 329805
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.6
142 76.3 59.2 88.8

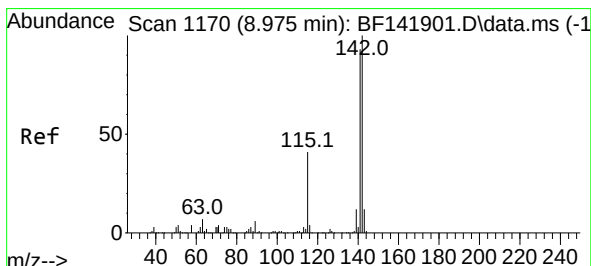
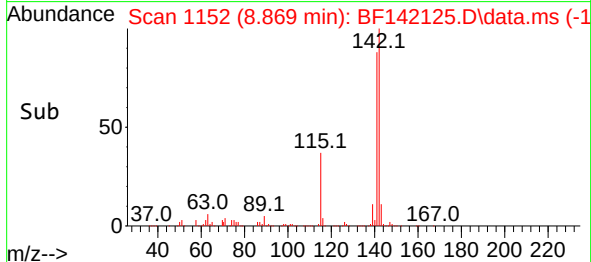
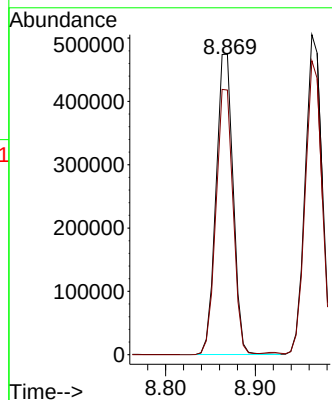
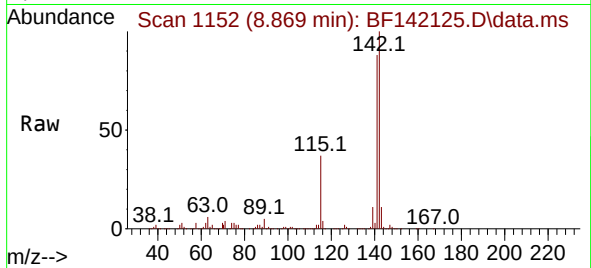




#37
2-Methylnaphthalene
Concen: 42.759 ng
RT: 8.869 min Scan# 1153
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

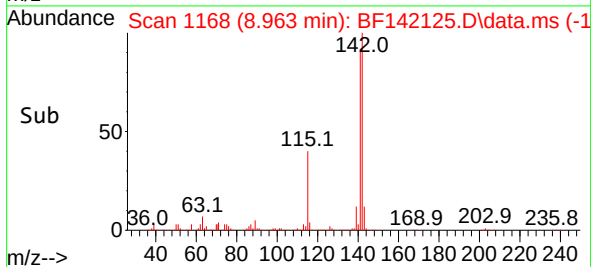
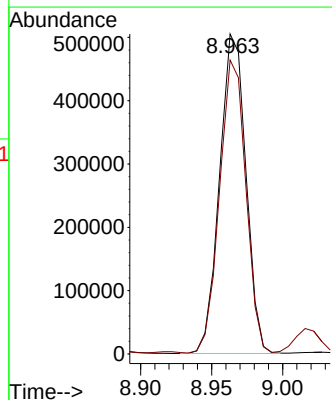
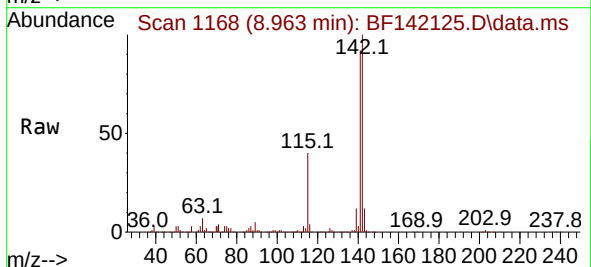
Instrument :
BNA_F
ClientSampleId :
TP-4MS

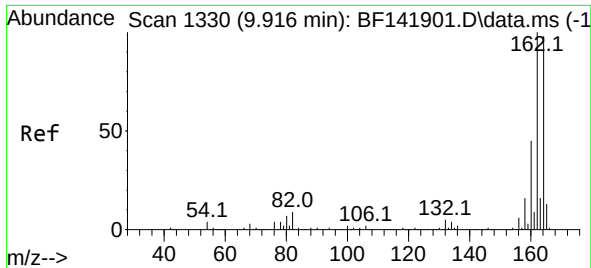
Tgt Ion:142 Resp: 629321
Ion Ratio Lower Upper
142 100
141 88.1 71.2 106.8



#38
1-Methylnaphthalene
Concen: 45.839 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:142 Resp: 651028
Ion Ratio Lower Upper
142 100
141 91.8 74.2 111.4

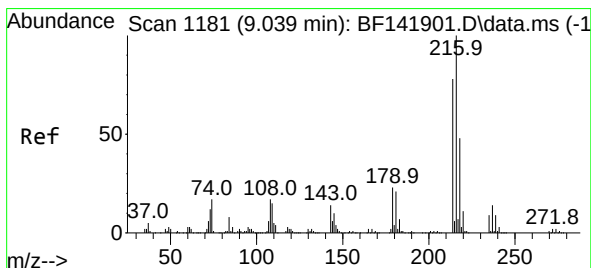
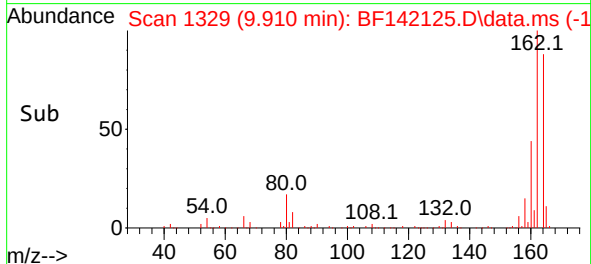
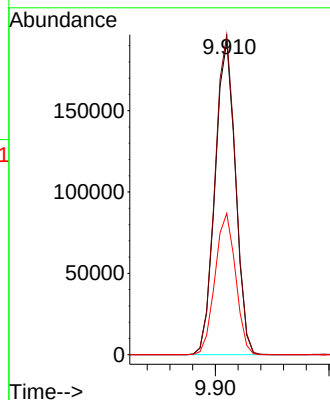
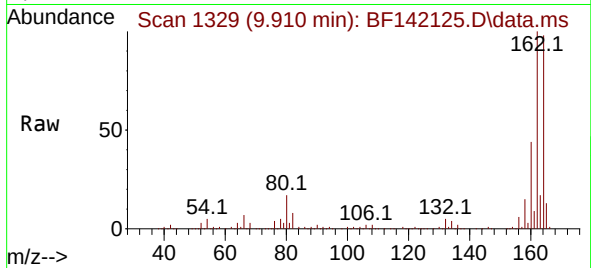




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

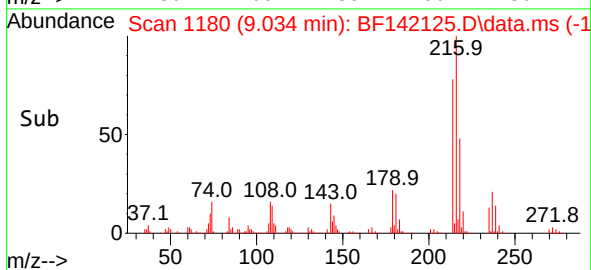
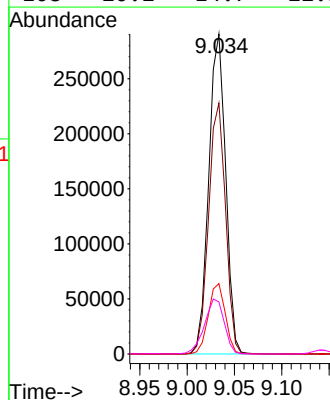
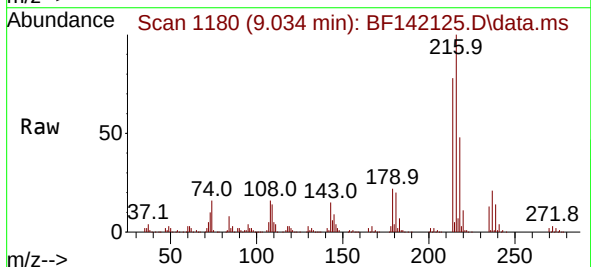
Instrument :
BNA_F
ClientSampleId :
TP-4MS

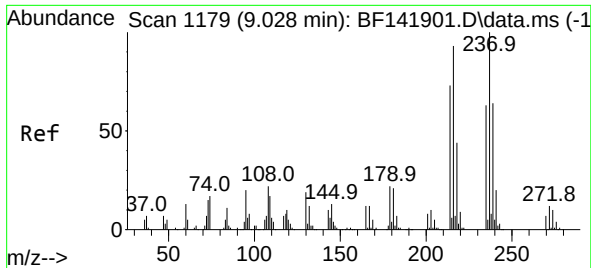
Tgt Ion:164 Resp: 240079
Ion Ratio Lower Upper
164 100
162 102.1 81.8 122.6
160 45.1 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.339 ng
RT: 9.034 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:216 Resp: 360644
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 22.1 18.1 27.1
108 20.2 14.7 22.1

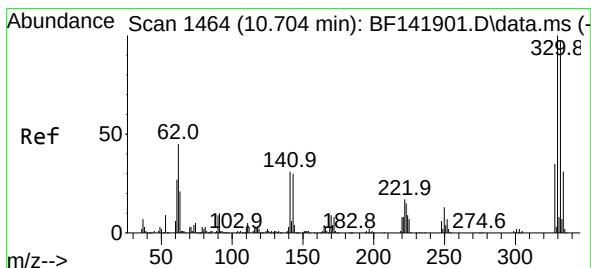
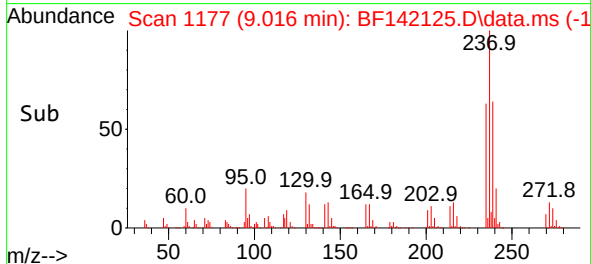
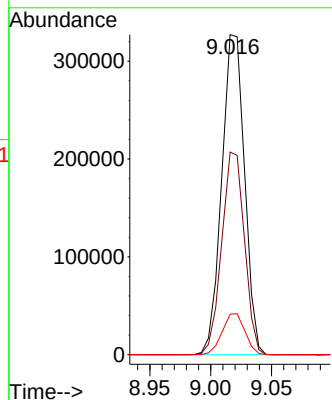
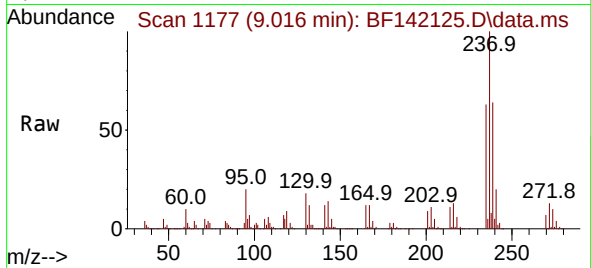




#41
Hexachlorocyclopentadiene
Concen: 149.464 ng
RT: 9.016 min Scan# 1177
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

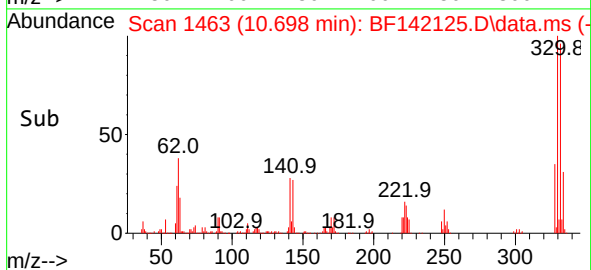
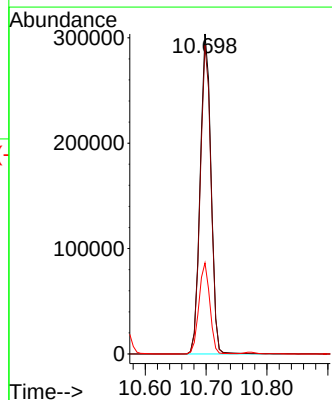
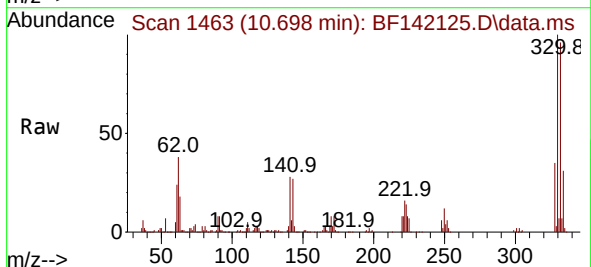
Instrument :
BNA_F
ClientSampleId :
TP-4MS

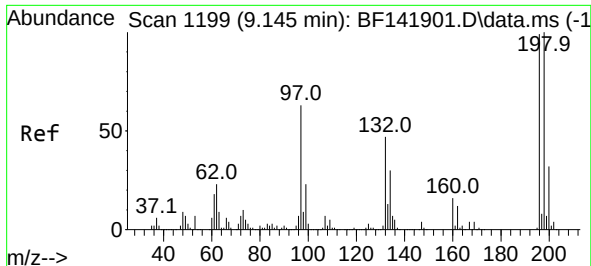
Tgt Ion:237 Resp: 427558
Ion Ratio Lower Upper
237 100
235 63.3 43.1 83.1
272 12.7 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 123.380 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:330 Resp: 375780
Ion Ratio Lower Upper
330 100
332 96.4 77.6 116.4
141 28.6 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 49.438 ng

RT: 9.145 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

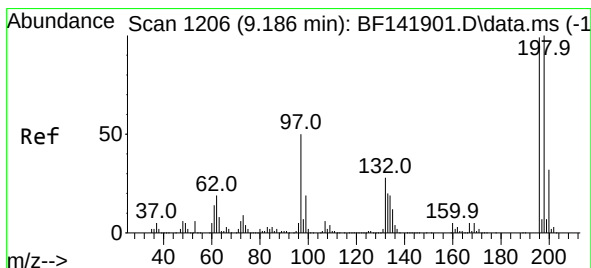
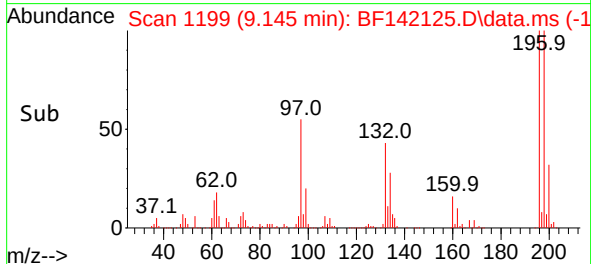
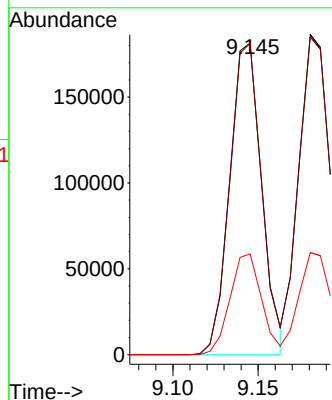
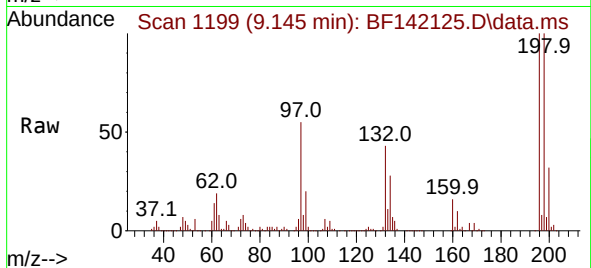
Tgt Ion:196 Resp: 236165

Ion Ratio Lower Upper

196 100

198 99.9 80.6 121.0

200 32.3 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 50.648 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Tgt Ion:196 Resp: 245046

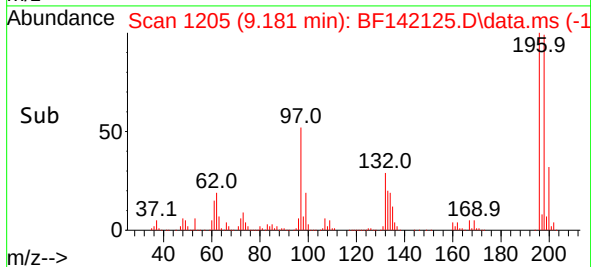
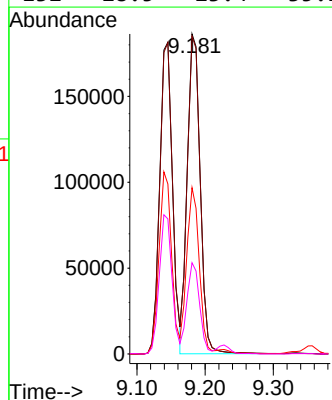
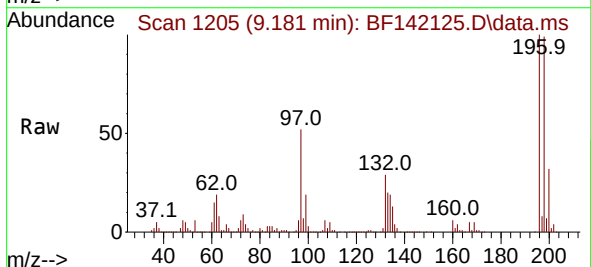
Ion Ratio Lower Upper

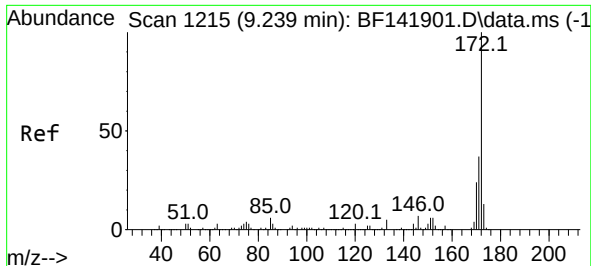
196 100

198 99.3 80.7 121.1

97 51.9 42.1 63.1

132 28.5 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 78.702 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

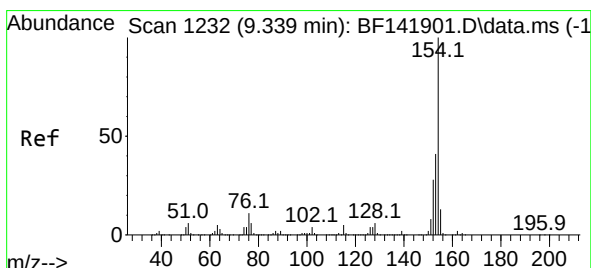
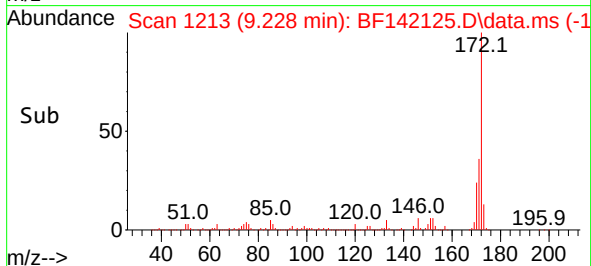
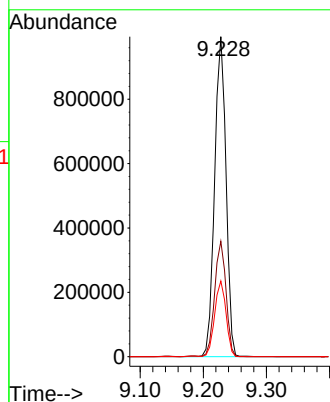
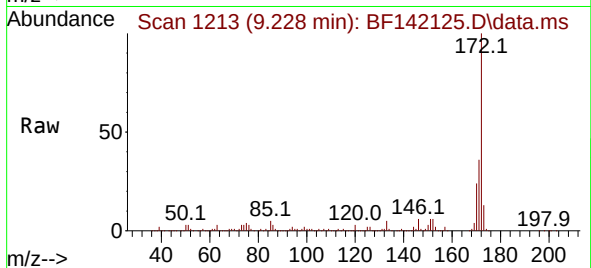
Tgt Ion:172 Resp: 1242403

Ion Ratio Lower Upper

172 100

171 36.1 29.3 43.9

170 23.7 19.4 29.0



#46

1,1'-Biphenyl

Concen: 47.737 ng

RT: 9.328 min Scan# 1230

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

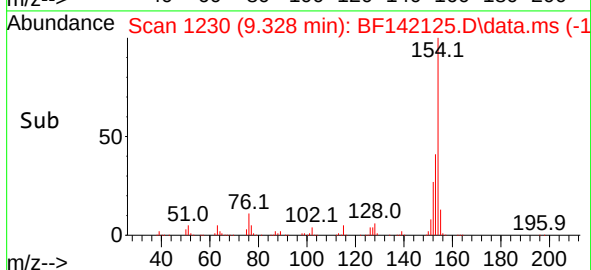
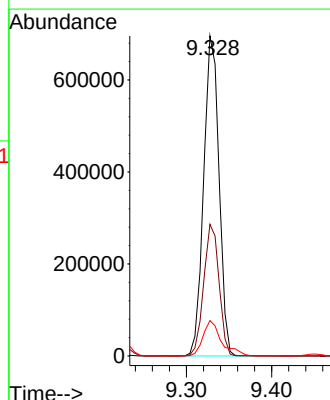
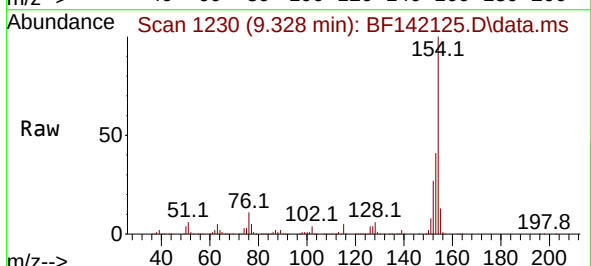
Tgt Ion:154 Resp: 870804

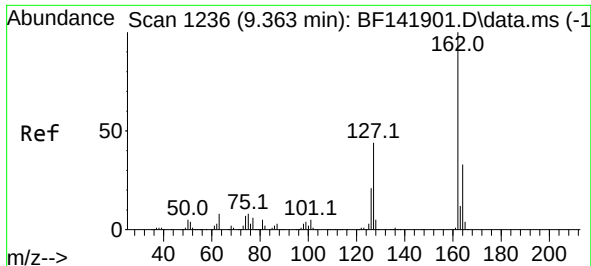
Ion Ratio Lower Upper

154 100

153 41.2 21.1 61.1

76 11.0 0.0 31.3





#47

2-Chloronaphthalene

Concen: 49.069 ng

RT: 9.357 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

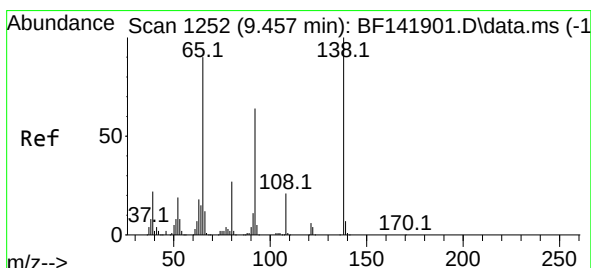
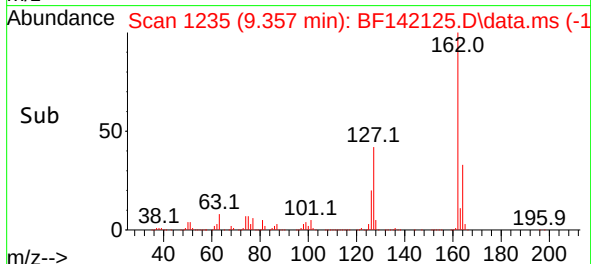
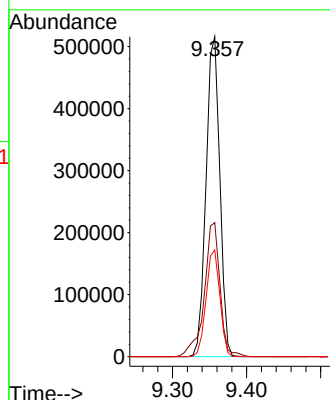
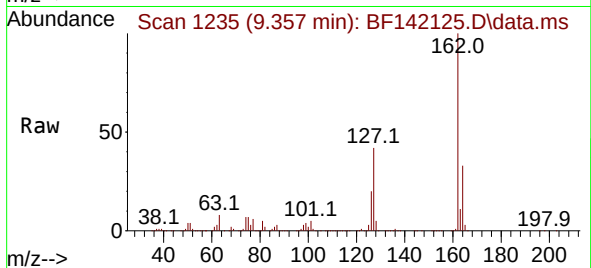
Tgt Ion:162 Resp: 667161

Ion Ratio Lower Upper

162 100

127 41.9 35.5 53.3

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 49.916 ng

RT: 9.451 min Scan# 1251

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

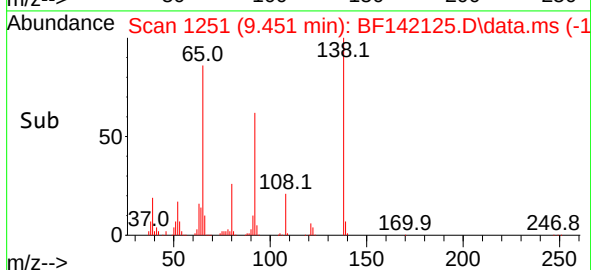
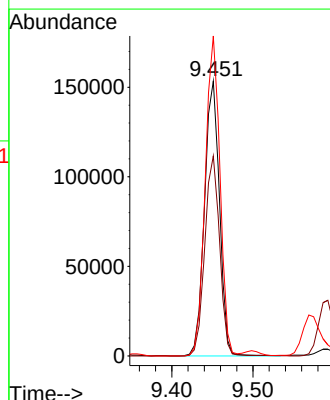
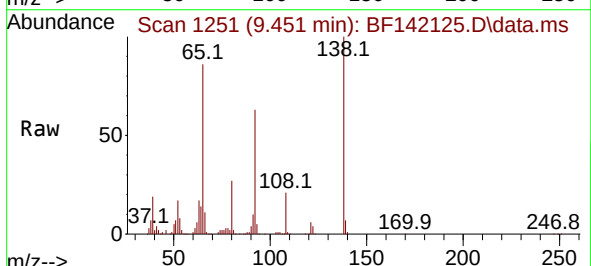
Tgt Ion: 65 Resp: 196504

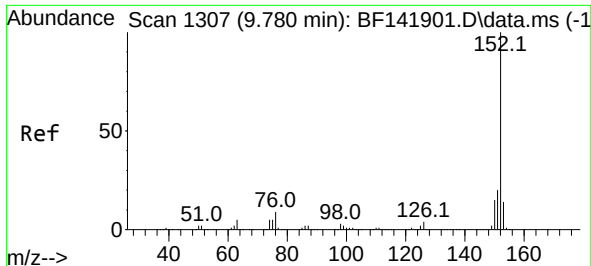
Ion Ratio Lower Upper

65 100

92 72.8 56.6 84.8

138 116.4 88.6 133.0





#49

Acenaphthylene

Concen: 52.232 ng

RT: 9.769 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

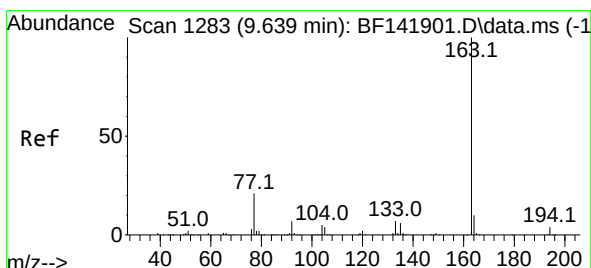
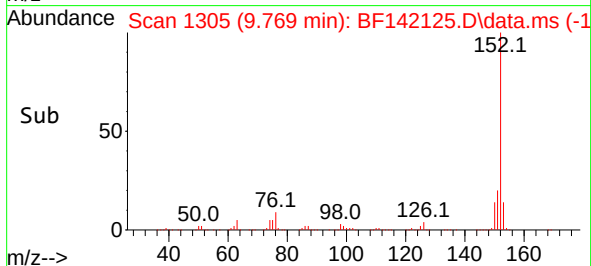
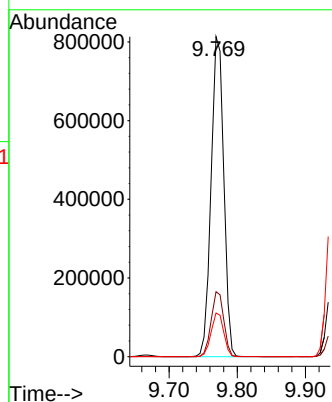
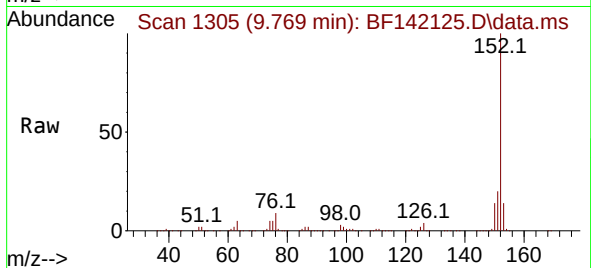
Tgt Ion:152 Resp: 1053858

Ion Ratio Lower Upper

152 100

151 20.3 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 47.003 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

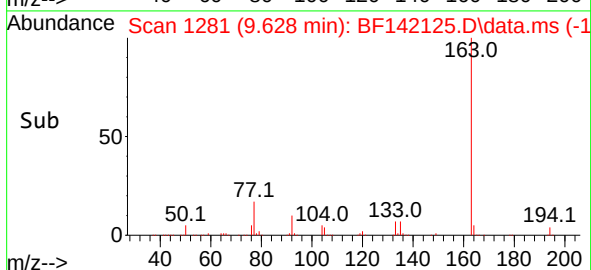
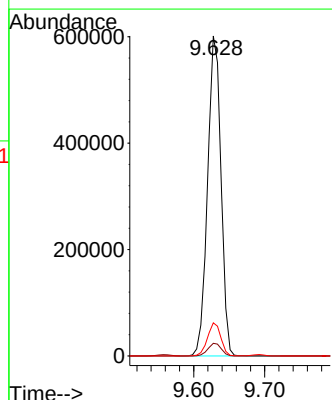
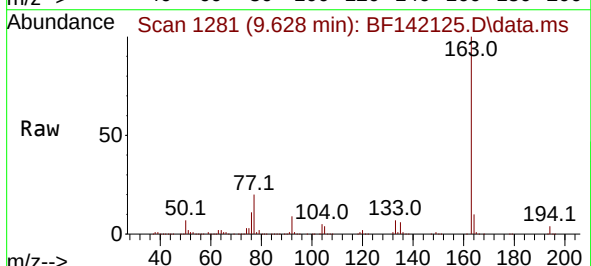
Tgt Ion:163 Resp: 790228

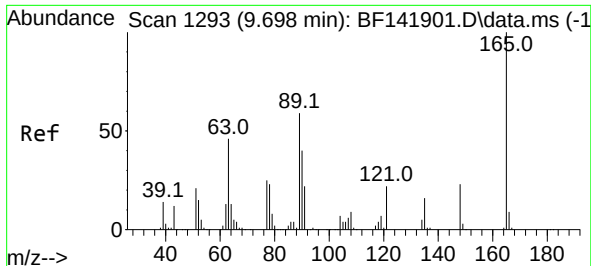
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 50.830 ng

RT: 9.692 min Scan# 1292

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

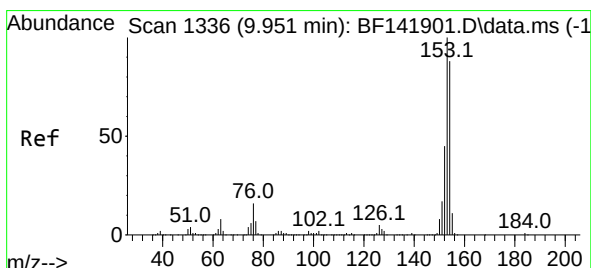
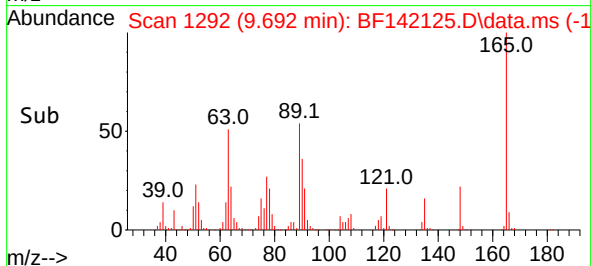
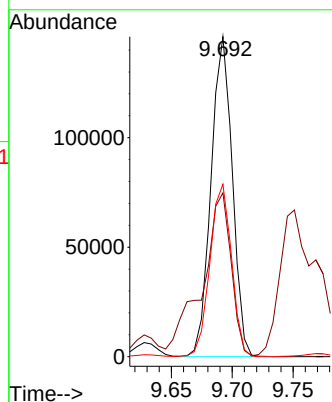
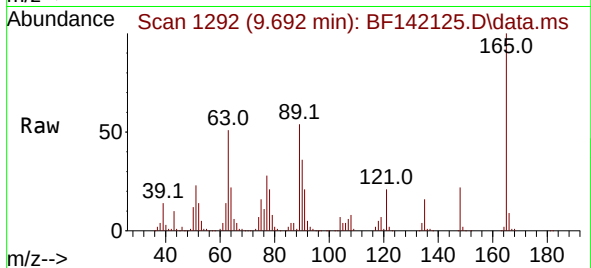
Tgt Ion:165 Resp: 177926

Ion Ratio Lower Upper

165 100

63 51.2 47.0 70.4

89 53.9 47.4 71.2



#52

Acenaphthene

Concen: 47.302 ng

RT: 9.945 min Scan# 1335

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

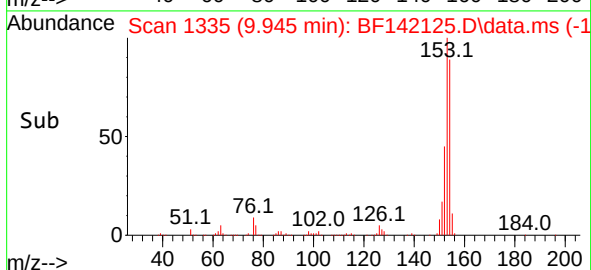
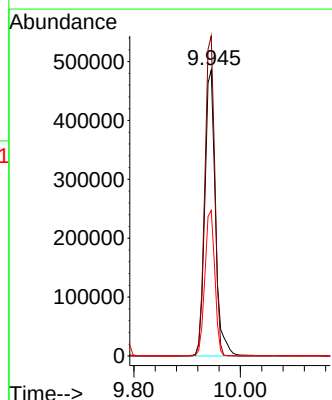
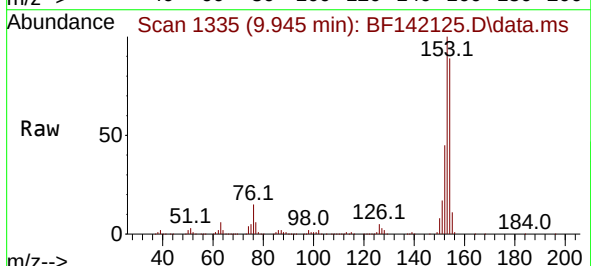
Tgt Ion:154 Resp: 670697

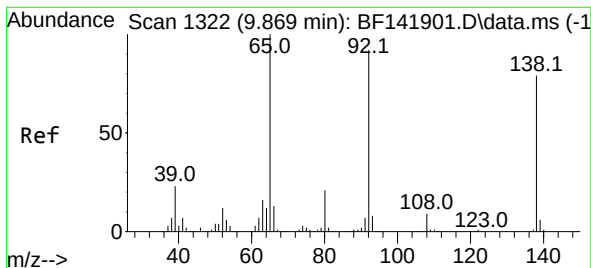
Ion Ratio Lower Upper

154 100

153 111.9 90.7 136.1

152 50.9 41.1 61.7





#53

3-Nitroaniline

Concen: 27.741 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

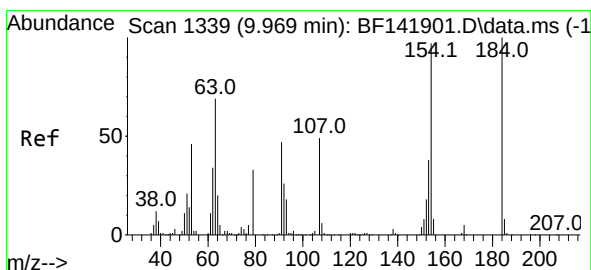
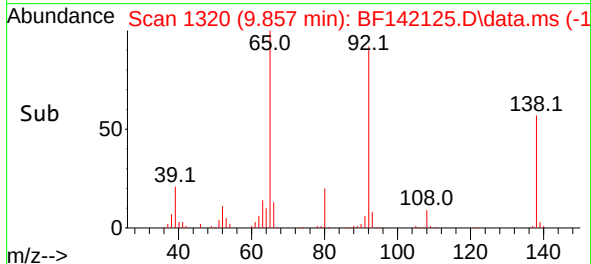
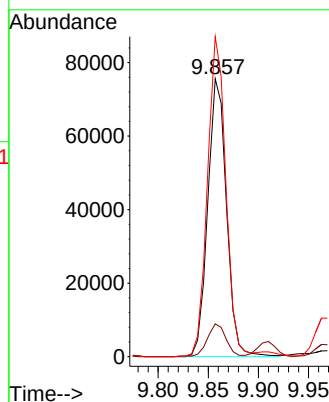
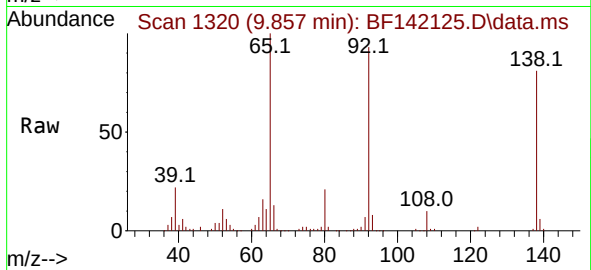
Tgt Ion:138 Resp: 98500

Ion Ratio Lower Upper

138 100

108 11.8 9.3 13.9

92 115.1 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 35.892 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

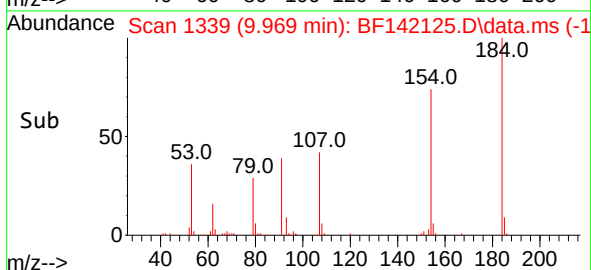
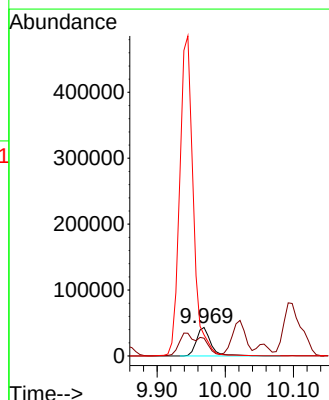
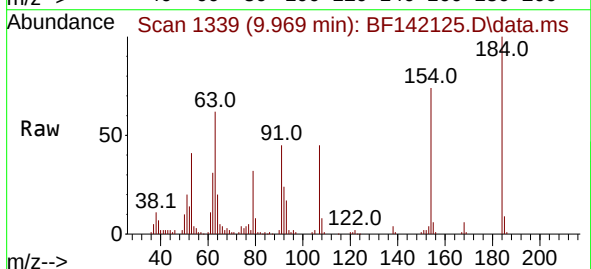
Tgt Ion:184 Resp: 63531

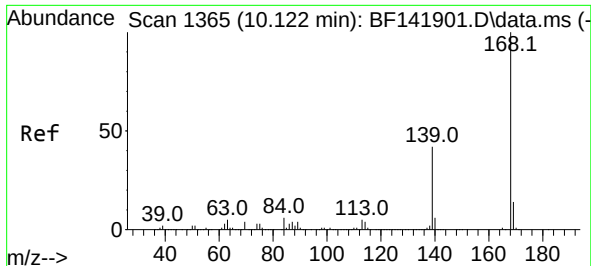
Ion Ratio Lower Upper

184 100

63 62.2 60.2 90.4

154 74.2 132.9 199.3#

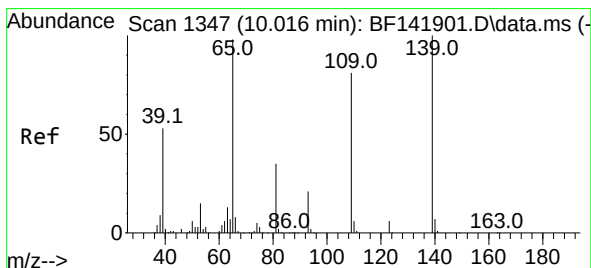
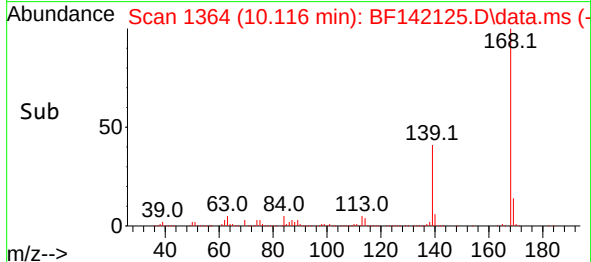
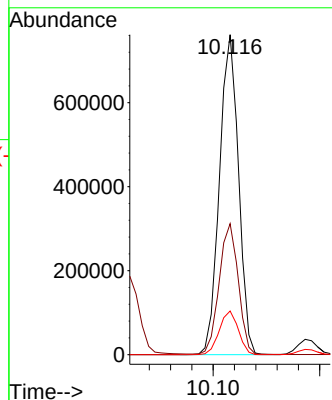
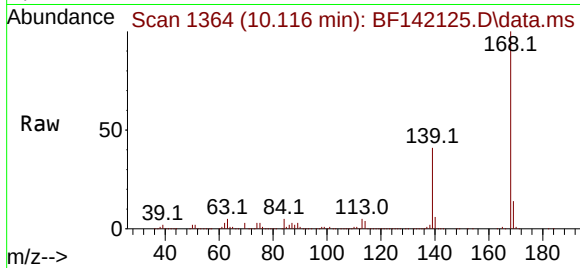




#55
Dibenzenofuran
Concen: 46.542 ng
RT: 10.116 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

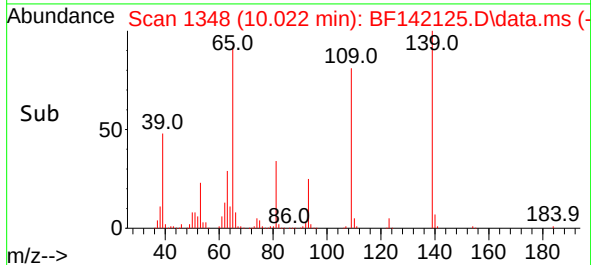
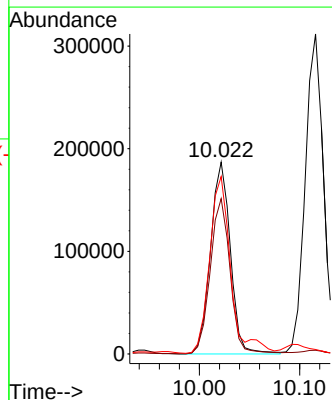
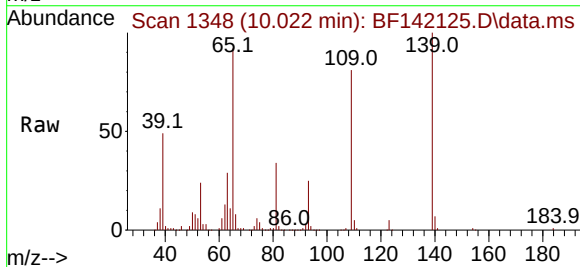
Instrument :
BNA_F
ClientSampleId :
TP-4MS

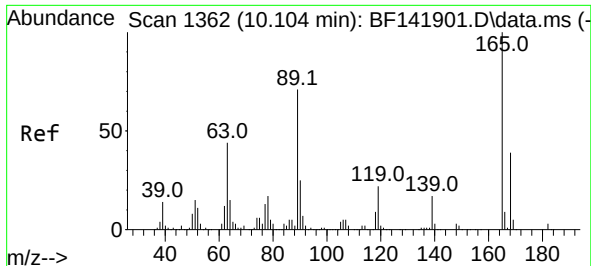
Tgt Ion:168 Resp: 942951
Ion Ratio Lower Upper
168 100
139 40.9 33.9 50.9
169 13.6 11.0 16.4



#56
4-Nitrophenol
Concen: 96.137 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:139 Resp: 257427
Ion Ratio Lower Upper
139 100
109 81.0 61.6 101.6
65 92.5 79.4 119.4

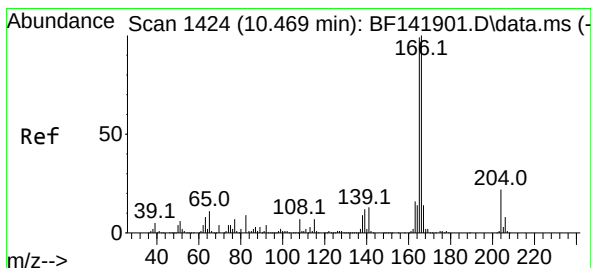
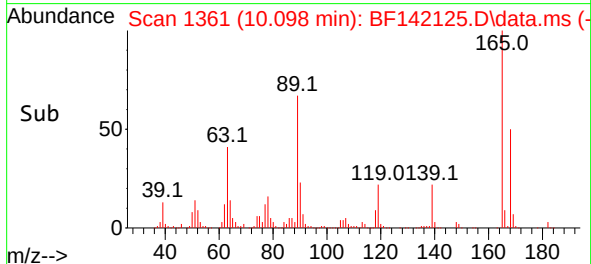
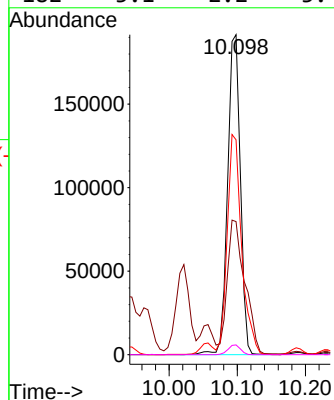
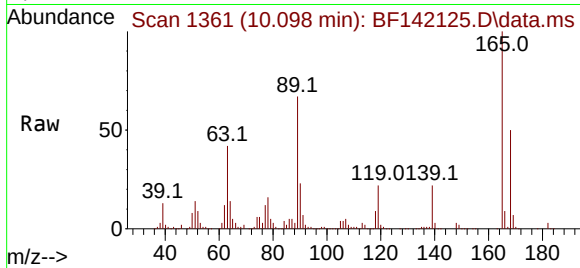




#57
2,4-Dinitrotoluene
Concen: 54.443 ng
RT: 10.098 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

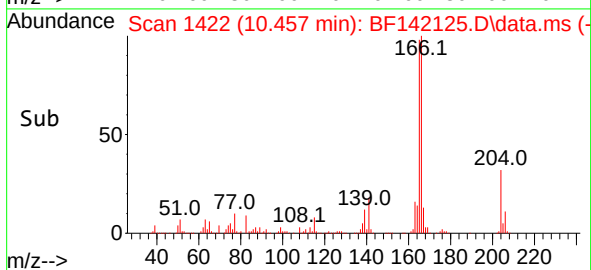
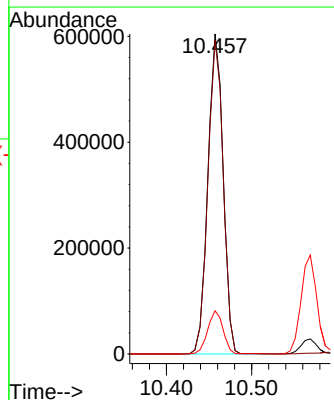
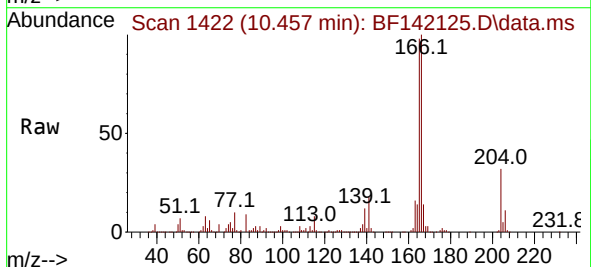
Instrument :
BNA_F
ClientSampleId :
TP-4MS

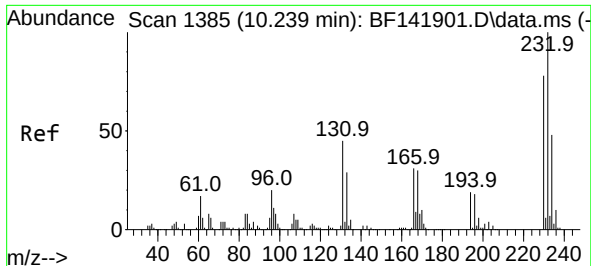
Tgt Ion:165 Resp: 248908
Ion Ratio Lower Upper
165 100
63 41.6 35.4 53.2
89 67.2 56.6 84.8
182 3.1 2.2 3.4



#58
Fluorene
Concen: 48.204 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:166 Resp: 753136
Ion Ratio Lower Upper
166 100
165 98.0 79.0 118.4
167 13.5 11.0 16.4

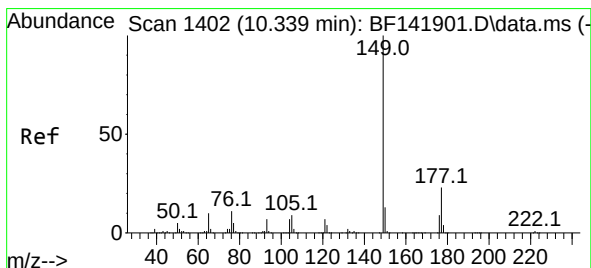
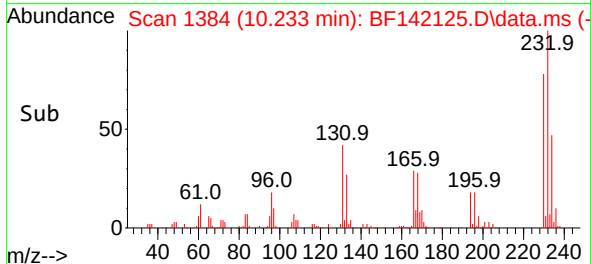
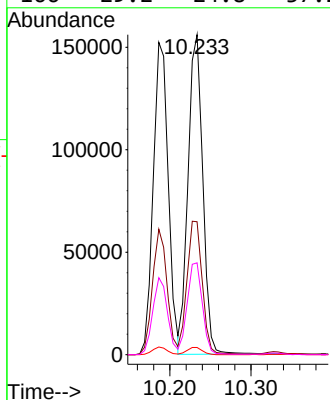
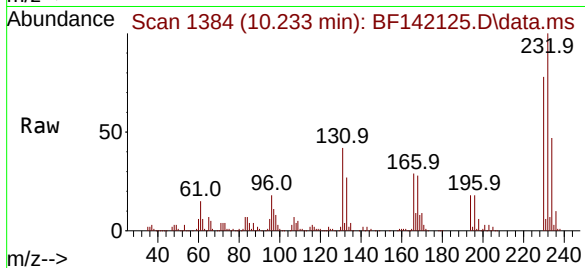




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.834 ng
RT: 10.233 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

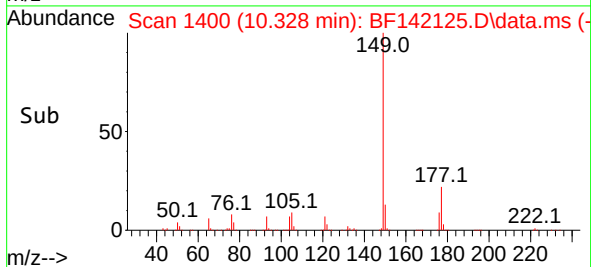
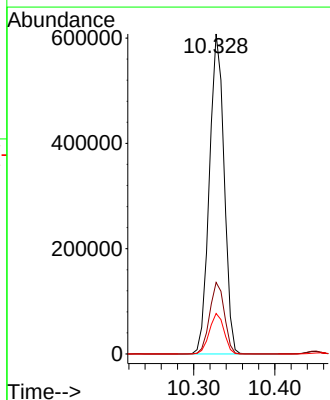
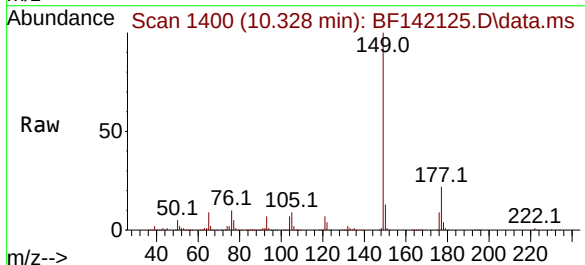
Instrument :
BNA_F
ClientSampleId :
TP-4MS

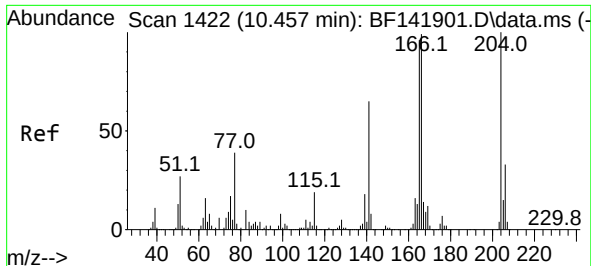
Tgt Ion:232 Resp: 197384
Ion Ratio Lower Upper
232 100
131 43.3 37.3 55.9
130 2.4 1.9 2.9
166 29.2 24.8 37.2



#60
Diethylphthalate
Concen: 45.588 ng
RT: 10.328 min Scan# 1400
Delta R.T. -0.012 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:149 Resp: 764234
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.6 10.2 15.4

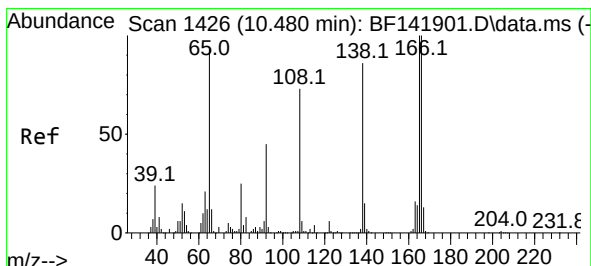
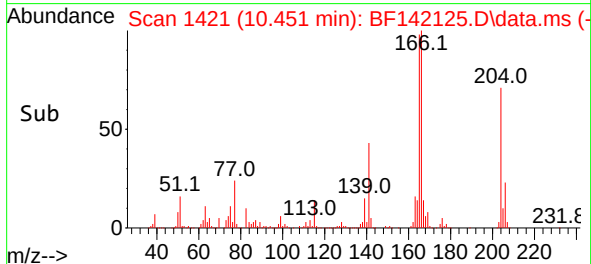
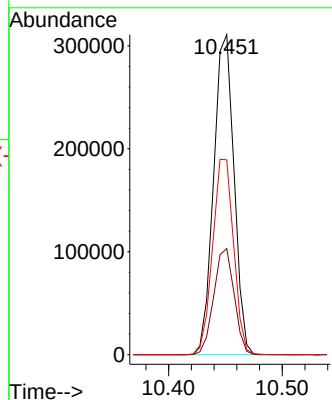
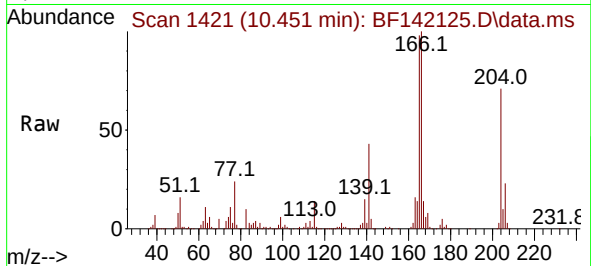




#61
4-Chlorophenyl-phenylether
Concen: 47.704 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

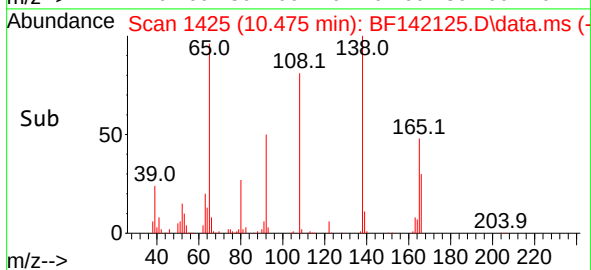
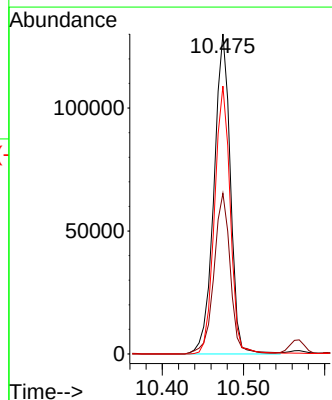
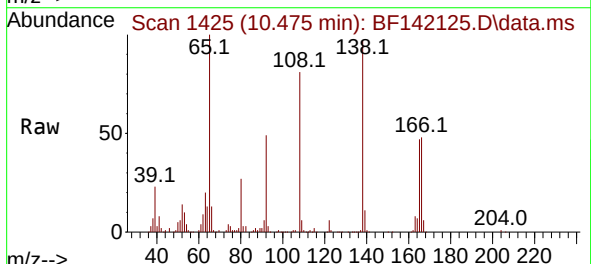
Instrument :
BNA_F
ClientSampleId :
TP-4MS

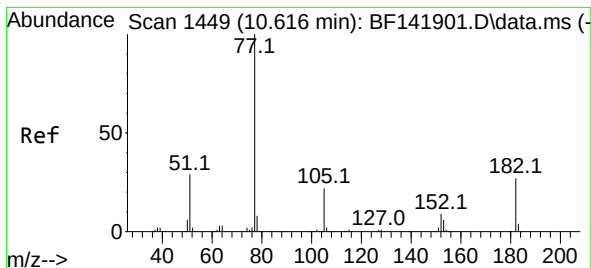
Tgt Ion:204 Resp: 388582
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 60.9 52.4 78.6



#62
4-Nitroaniline
Concen: 53.001 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:138 Resp: 183216
Ion Ratio Lower Upper
138 100
92 50.2 32.6 72.6
108 83.7 65.0 105.0





#63

Azobenzene

Concen: 48.308 ng

RT: 10.610 min Scan# 1449

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

Tgt Ion: 77 Resp: 752901

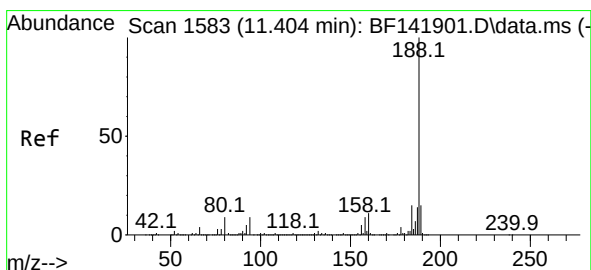
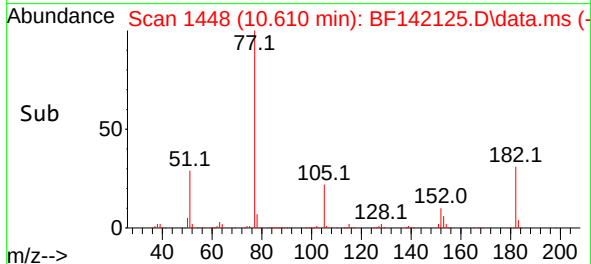
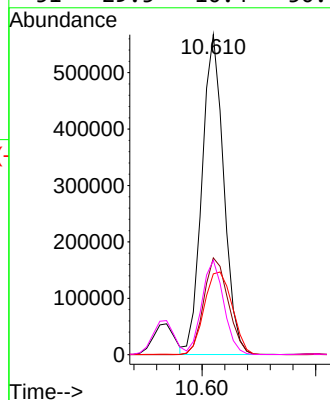
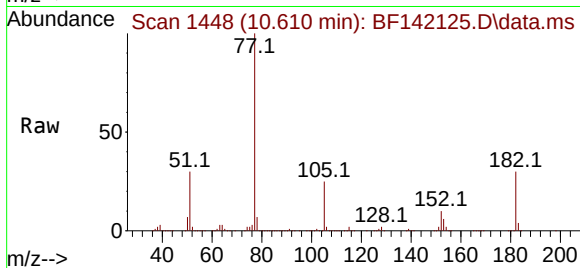
Ion Ratio Lower Upper

77 100

182 30.2 6.6 46.6

105 25.3 1.3 41.3

51 29.5 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

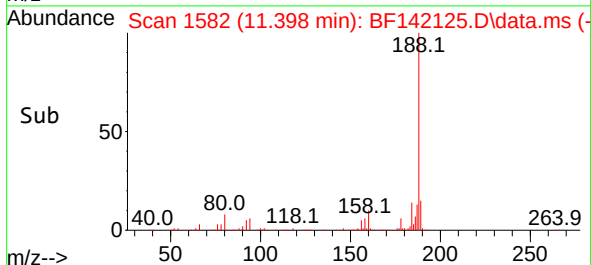
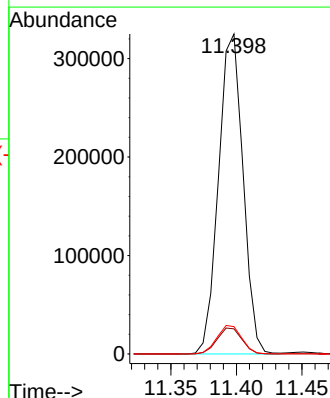
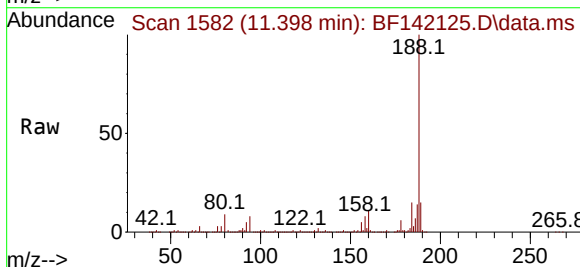
Tgt Ion: 188 Resp: 421857

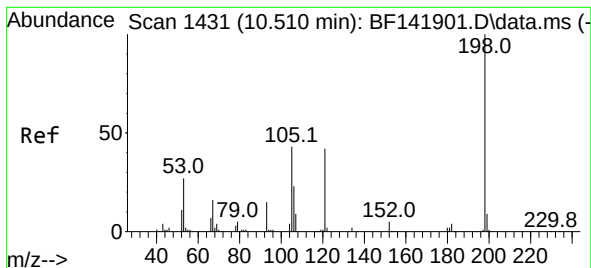
Ion Ratio Lower Upper

188 100

94 7.9 6.8 10.2

80 8.6 7.6 11.4

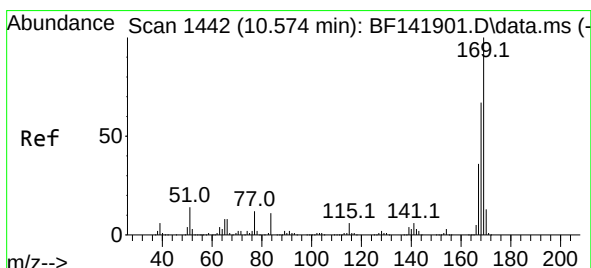
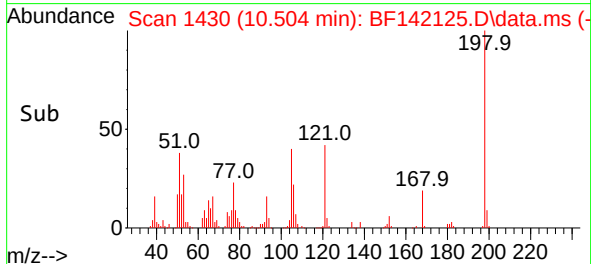
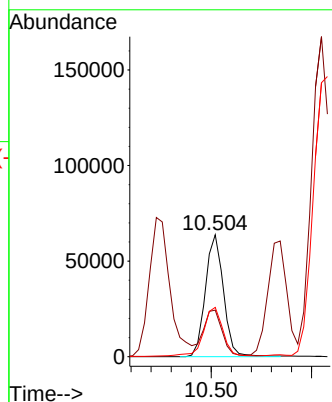
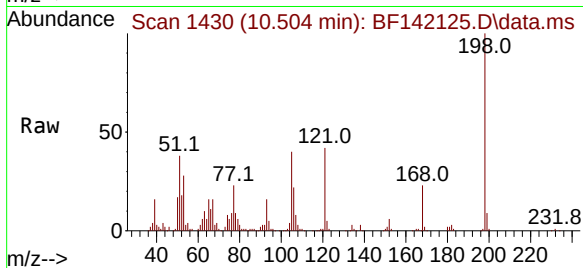




#65
4,6-Dinitro-2-methylphenol
Concen: 31.796 ng
RT: 10.504 min Scan# 1430
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

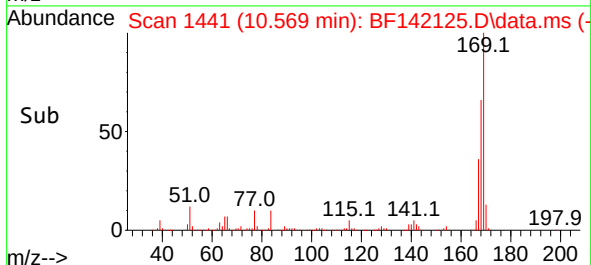
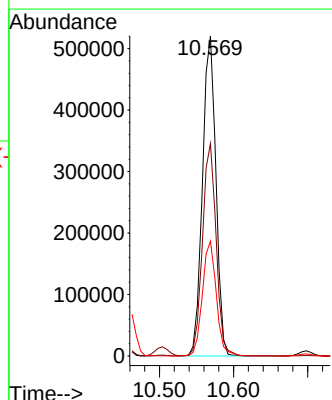
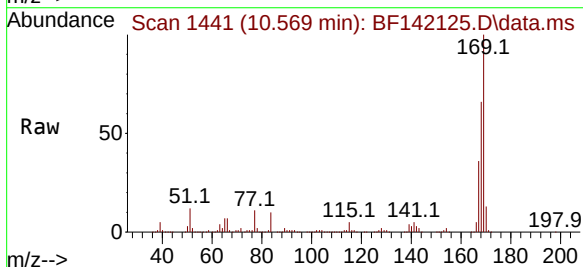
Instrument :
BNA_F
ClientSampleId :
TP-4MS

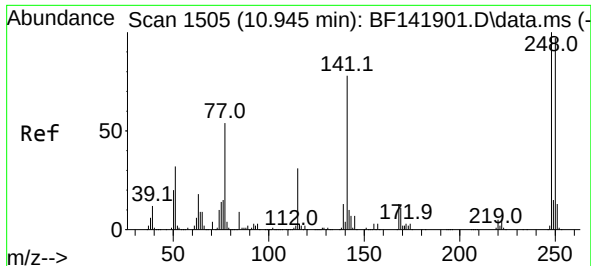
Tgt Ion:198 Resp: 79963
Ion Ratio Lower Upper
198 100
51 38.2 22.3 62.3
105 40.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 48.089 ng
RT: 10.569 min Scan# 1441
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:169 Resp: 656483
Ion Ratio Lower Upper
169 100
168 66.4 53.7 80.5
167 35.9 29.2 43.8

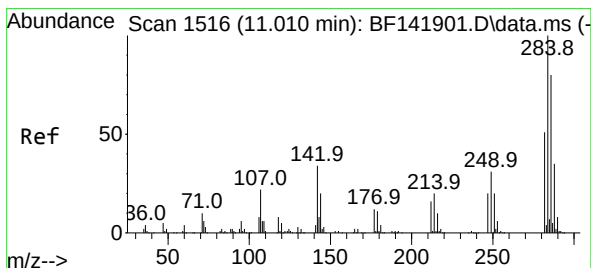
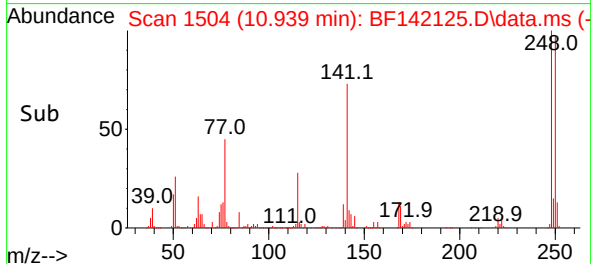
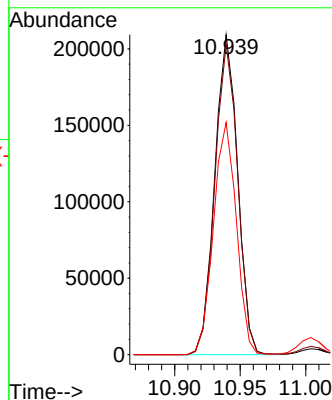
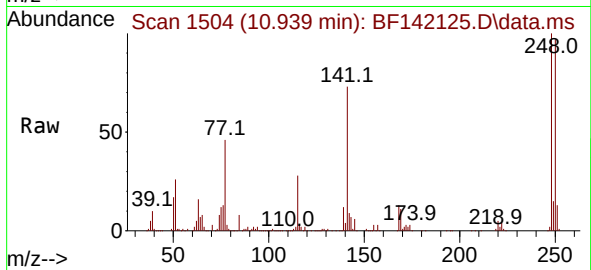




#67
4-Bromophenyl-phenylether
Concen: 47.952 ng
RT: 10.939 min Scan# 1504
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

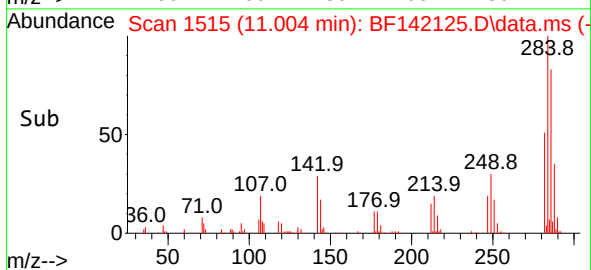
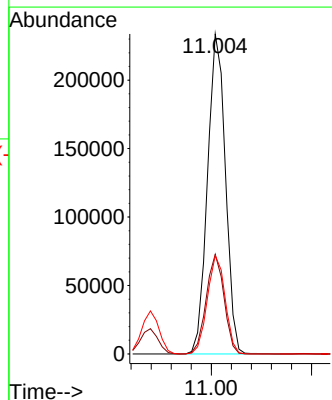
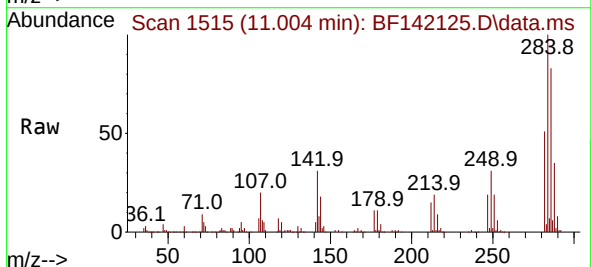
Instrument :
BNA_F
ClientSampleId :
TP-4MS

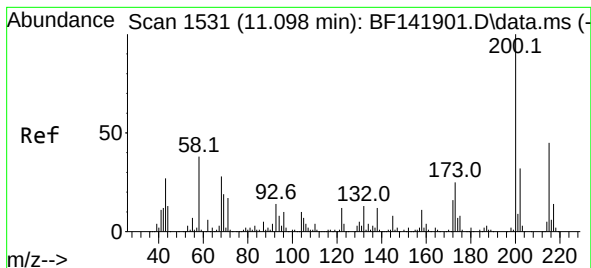
Tgt Ion:248 Resp: 254054
Ion Ratio Lower Upper
248 100
250 97.0 77.8 116.8
141 72.6 62.6 93.8



#68
Hexachlorobenzene
Concen: 50.094 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:284 Resp: 291080
Ion Ratio Lower Upper
284 100
142 31.2 27.0 40.6
249 30.7 25.2 37.8





#69

Atrazine

Concen: 56.102 ng

RT: 11.092 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

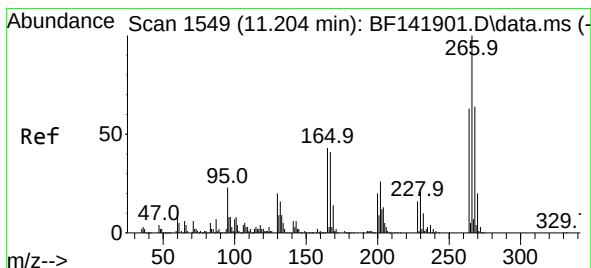
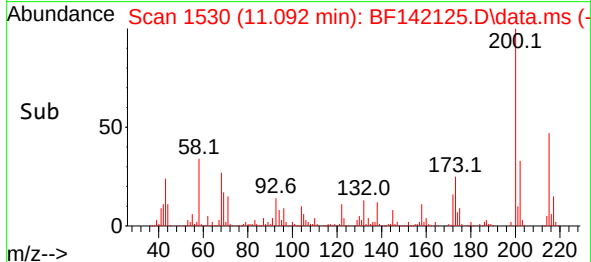
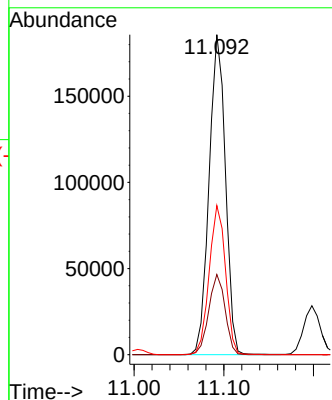
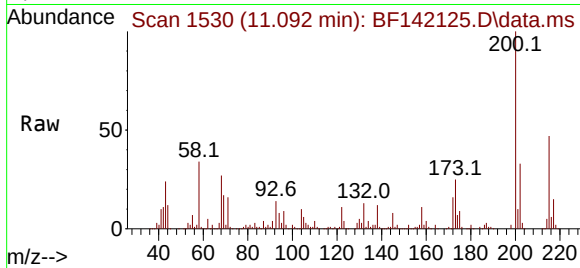
Tgt Ion:200 Resp: 234787

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 46.6 25.4 65.4



#70

Pentachlorophenol

Concen: 55.535 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

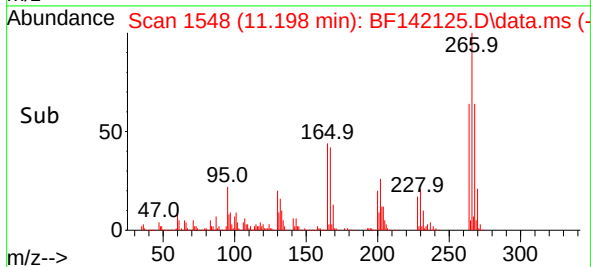
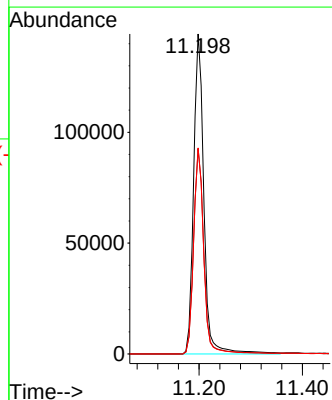
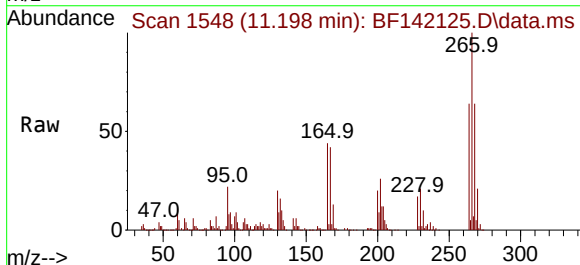
Tgt Ion:266 Resp: 198824

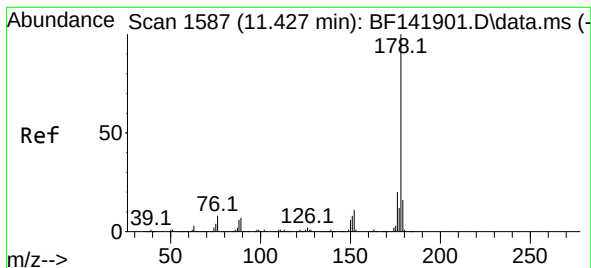
Ion Ratio Lower Upper

266 100

268 64.1 51.0 76.6

264 64.4 50.2 75.2





#71

Phenanthrene

Concen: 49.192 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

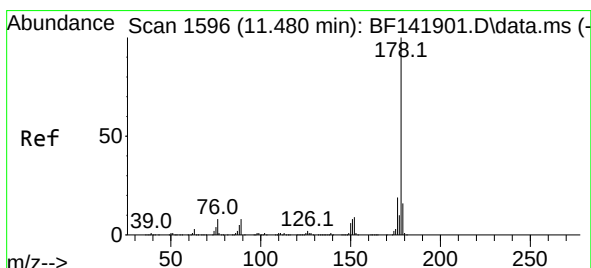
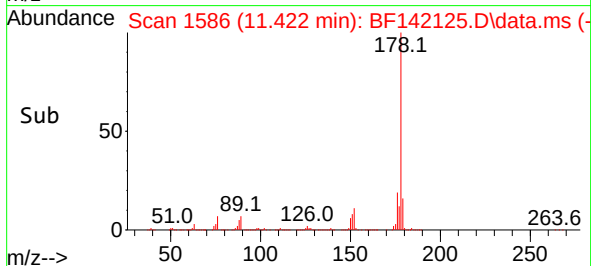
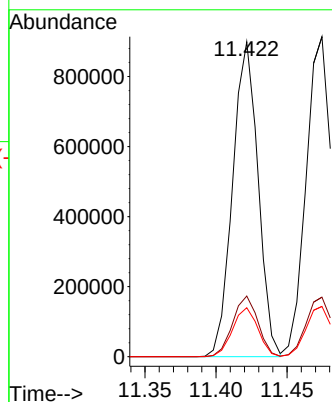
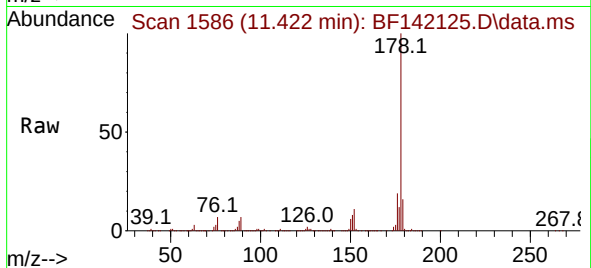
Tgt Ion:178 Resp: 1120873

Ion Ratio Lower Upper

178 100

176 19.3 15.8 23.8

179 15.6 12.6 19.0



#72

Anthracene

Concen: 50.454 ng

RT: 11.475 min Scan# 1595

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

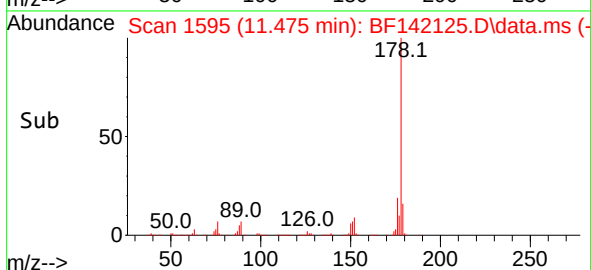
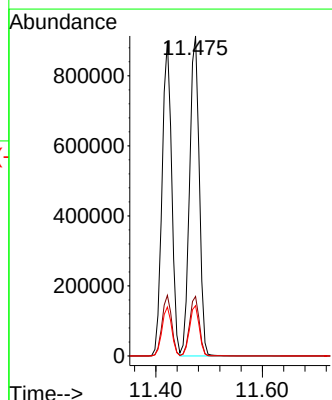
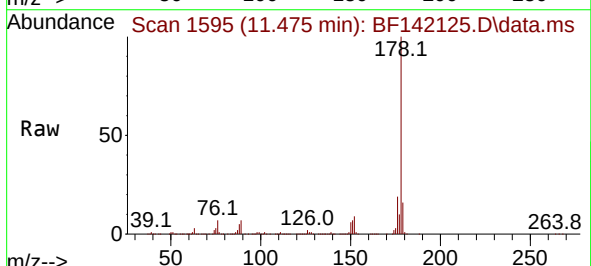
Tgt Ion:178 Resp: 1153378

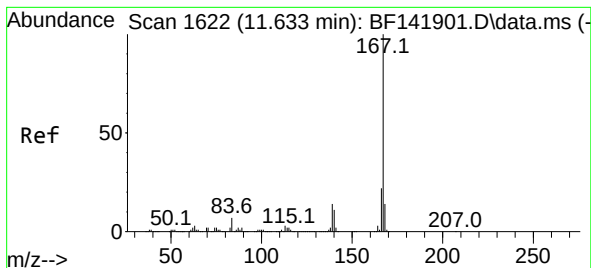
Ion Ratio Lower Upper

178 100

176 18.6 15.1 22.7

179 15.7 12.6 19.0





#73

Carbazole

Concen: 50.746 ng

RT: 11.627 min Scan# 1621

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

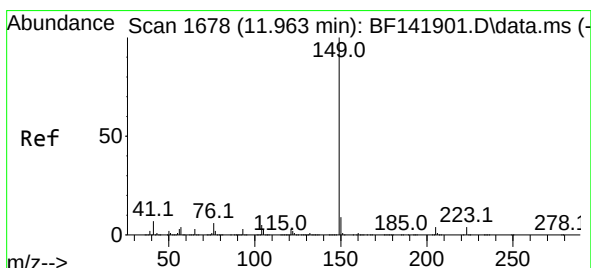
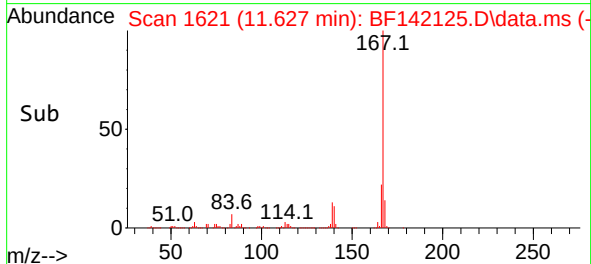
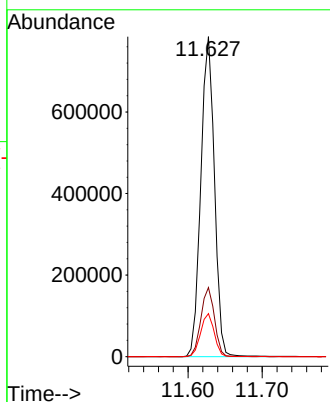
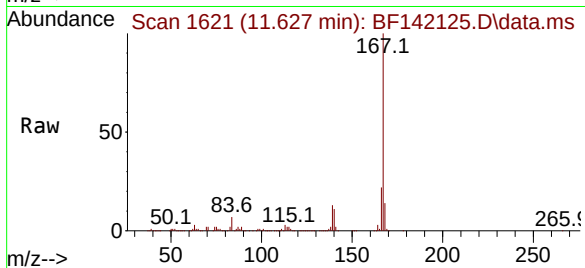
Tgt Ion:167 Resp: 1000454

Ion Ratio Lower Upper

167 100

166 21.6 17.4 26.2

139 13.4 11.0 16.6



#74

Di-n-butylphthalate

Concen: 44.420 ng

RT: 11.951 min Scan# 1676

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

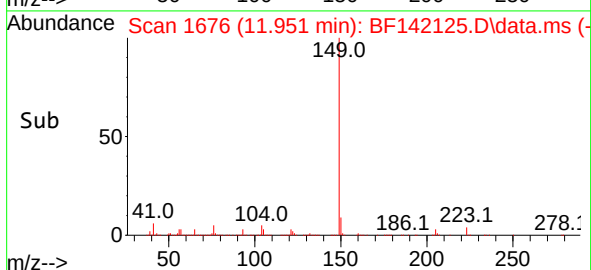
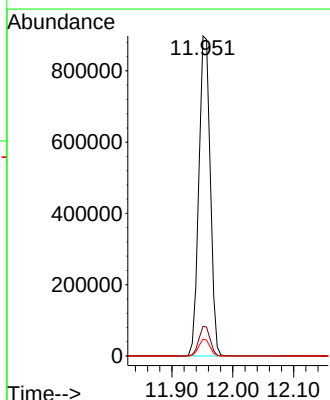
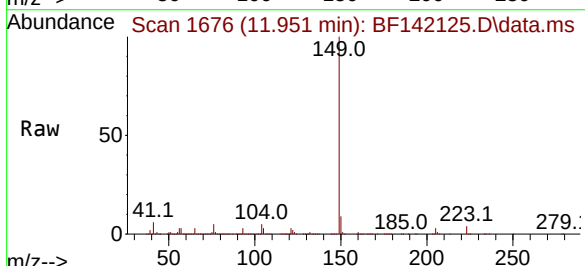
Tgt Ion:149 Resp: 1162000

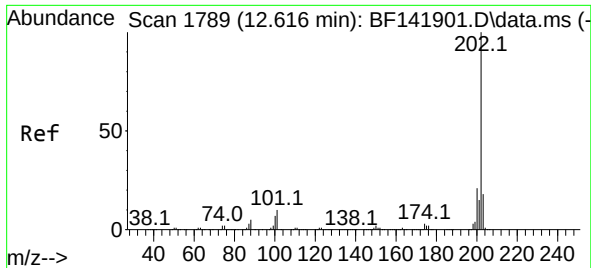
Ion Ratio Lower Upper

149 100

150 9.3 7.6 11.4

104 5.3 4.4 6.6

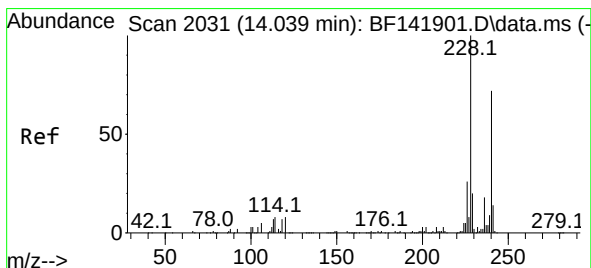
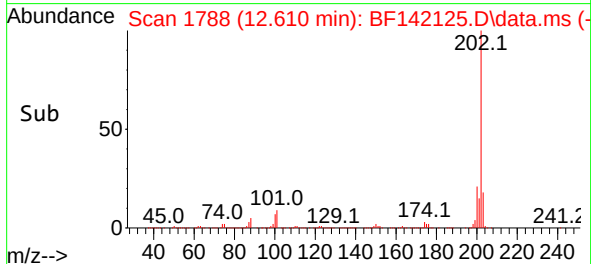
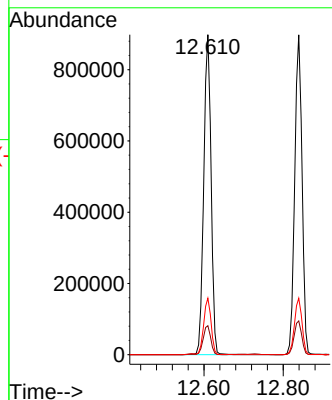
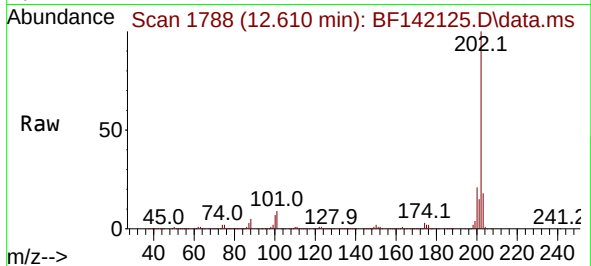




#75
Fluoranthene
Concen: 47.750 ng
RT: 12.610 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

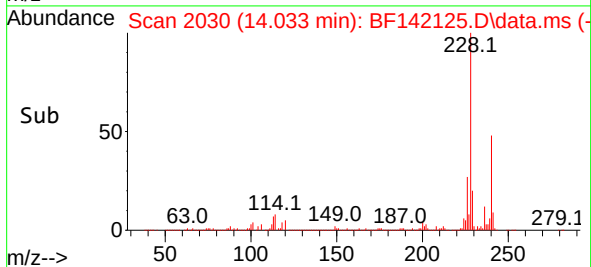
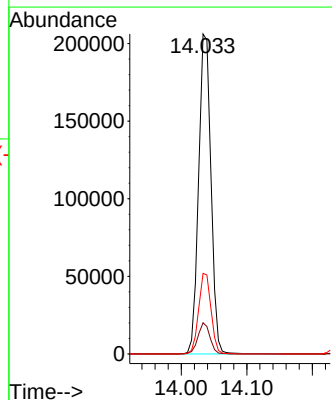
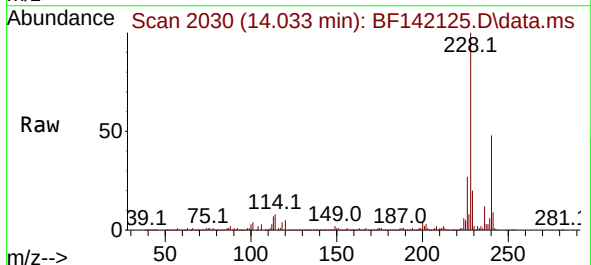
Instrument :
BNA_F
ClientSampleId :
TP-4MS

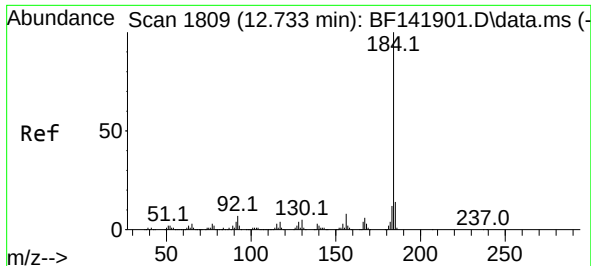
Tgt Ion:202 Resp: 1154134
Ion Ratio Lower Upper
202 100
101 9.0 0.0 29.7
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:240 Resp: 270603
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.2 20.5 30.7

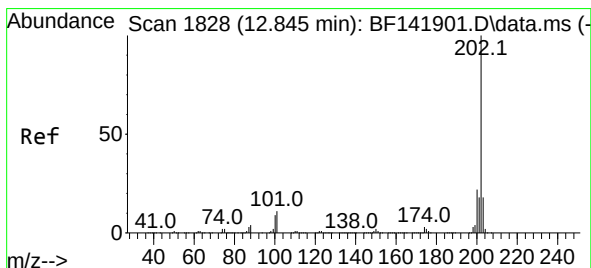
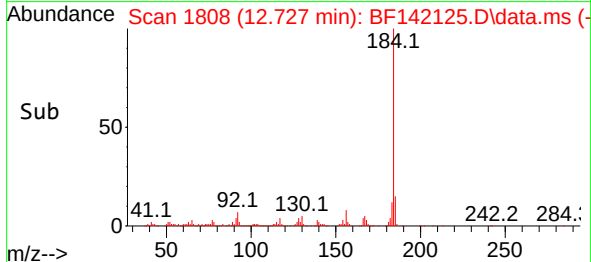
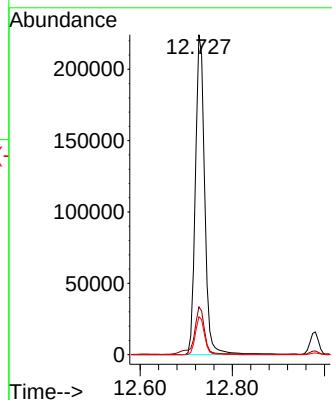
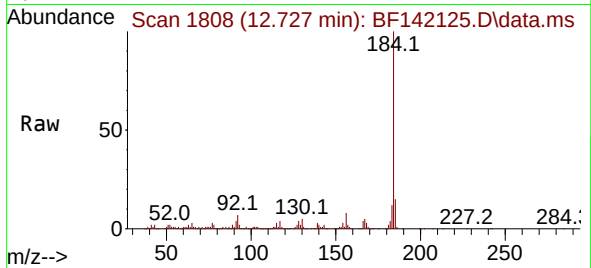




#77
Benzidine
Concen: 83.040 ng
RT: 12.727 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

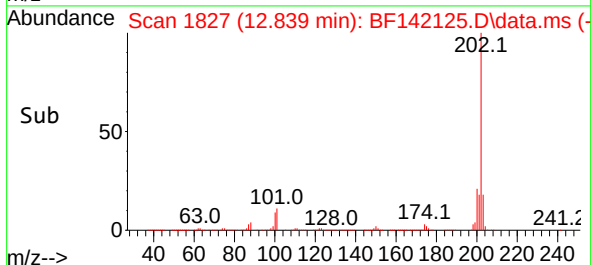
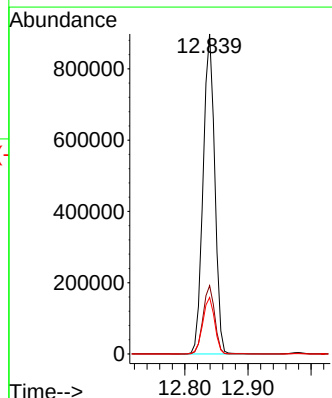
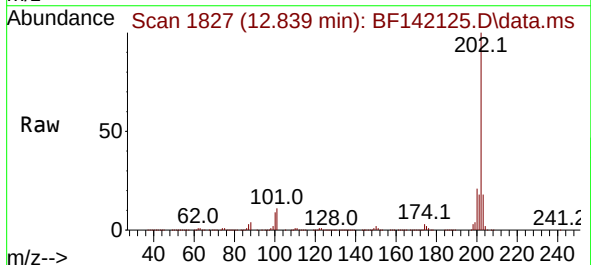
Instrument :
BNA_F
ClientSampleId :
TP-4MS

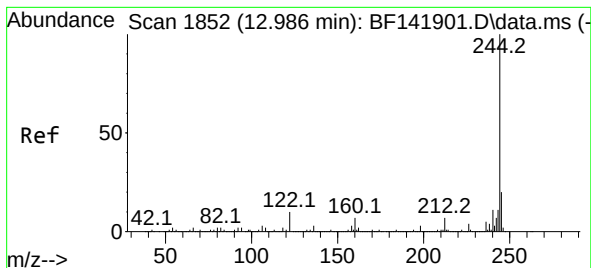
Tgt Ion:184 Resp: 313510
Ion Ratio Lower Upper
184 100
185 14.9 11.5 17.3
183 11.9 9.7 14.5



#78
Pyrene
Concen: 49.088 ng
RT: 12.839 min Scan# 1827
Delta R.T. -0.006 min
Lab File: BF142125.D
Acq: 27 Mar 2025 14:38

Tgt Ion:202 Resp: 1149036
Ion Ratio Lower Upper
202 100
200 21.4 17.3 25.9
203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 78.616 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

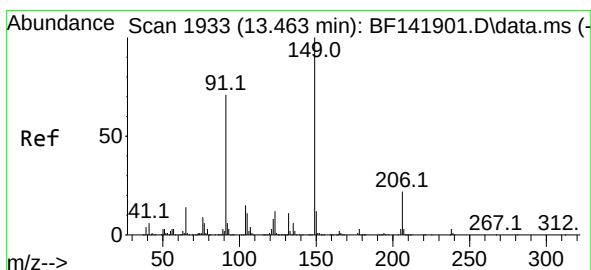
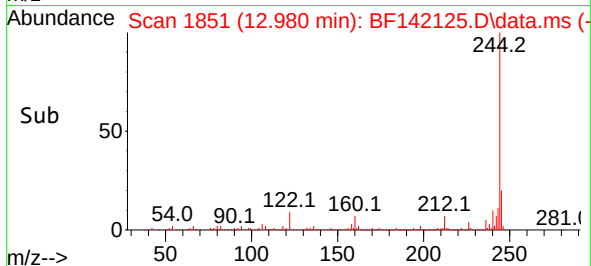
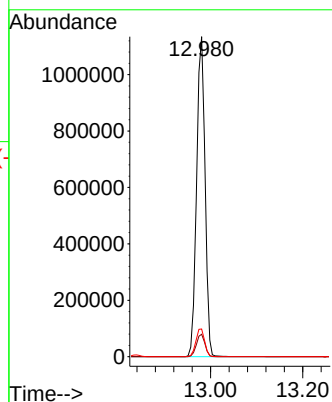
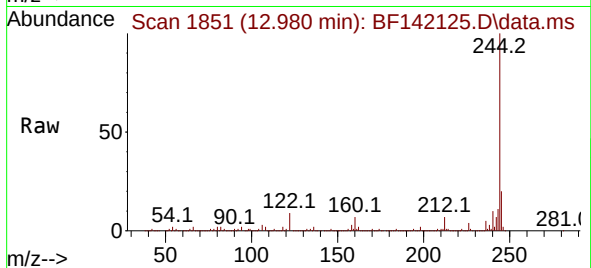
Tgt Ion:244 Resp: 1438911

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 8.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 44.499 ng

RT: 13.451 min Scan# 1931

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

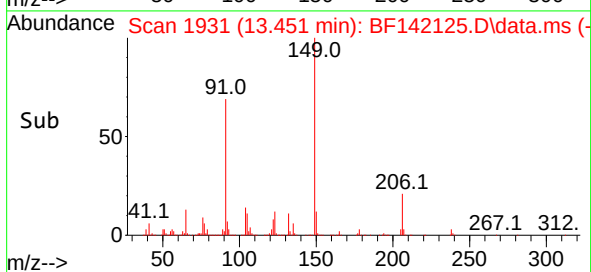
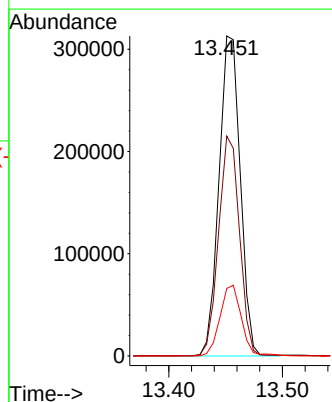
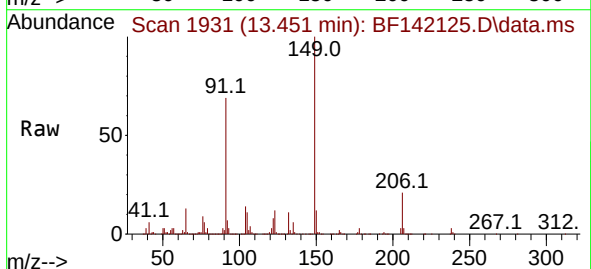
Tgt Ion:149 Resp: 407688

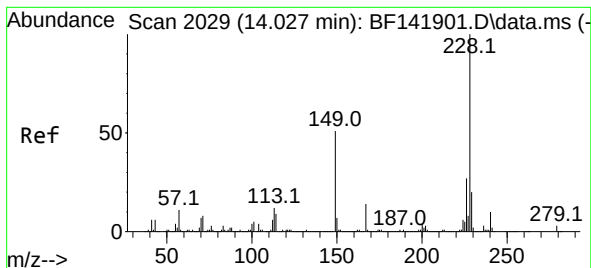
Ion Ratio Lower Upper

149 100

91 68.8 56.5 84.7

206 21.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 50.051 ng

RT: 14.027 min Scan# 2029

Delta R.T. 0.000 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

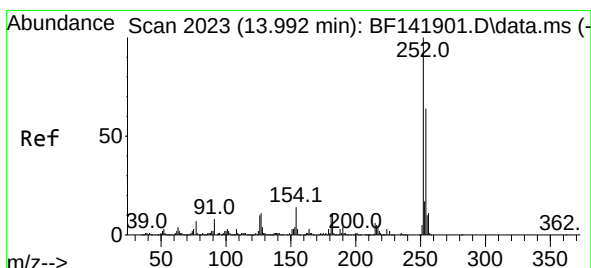
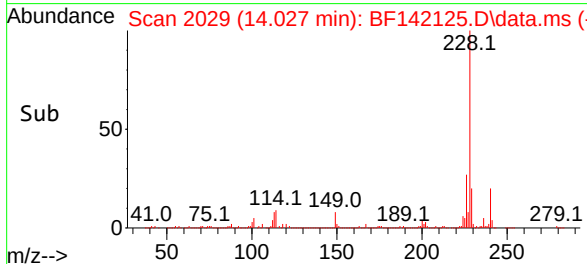
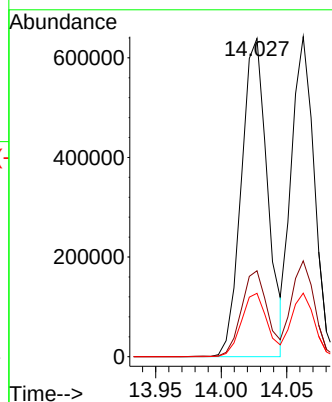
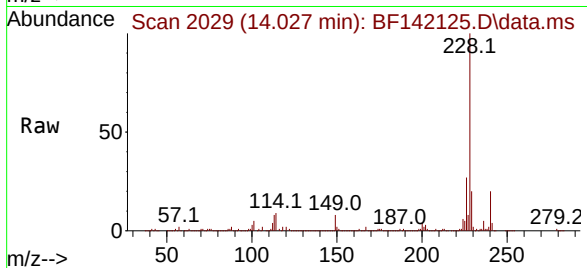
Tgt Ion:228 Resp: 888765

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 16.985 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

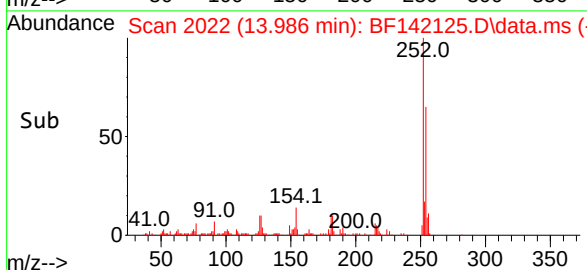
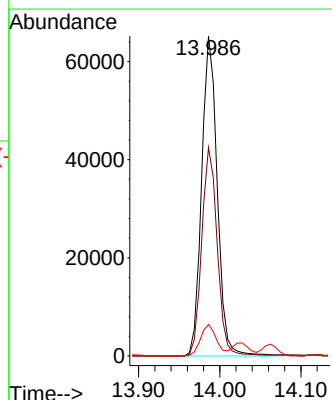
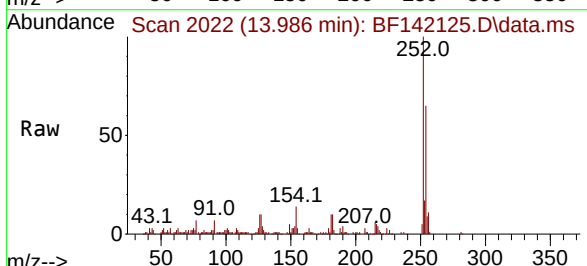
Tgt Ion:252 Resp: 87161

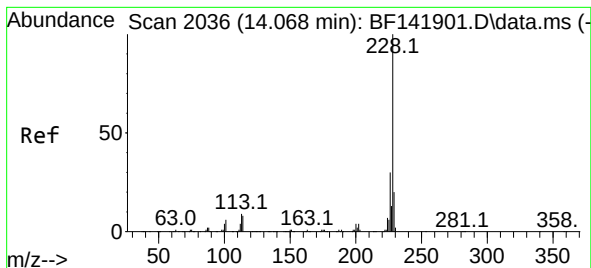
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 9.8 8.4 12.6





#83

Chrysene

Concen: 48.370 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

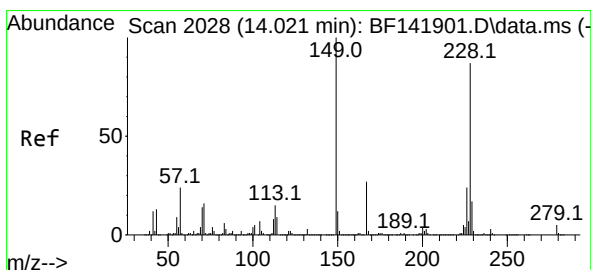
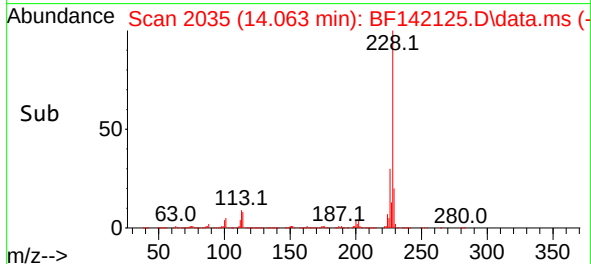
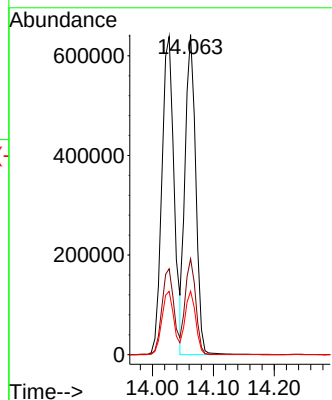
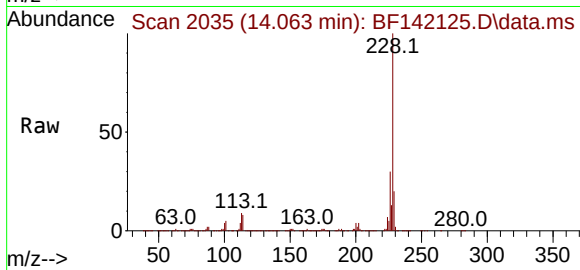
Tgt Ion:228 Resp: 778573

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.8 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.959 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

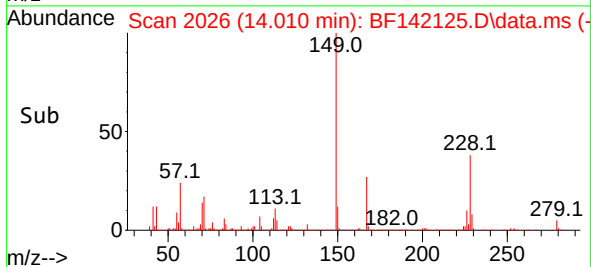
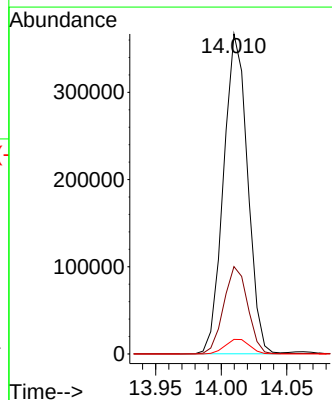
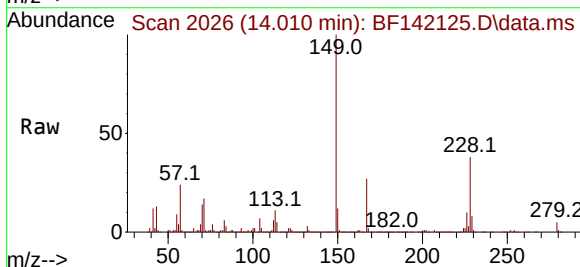
Tgt Ion:149 Resp: 466870

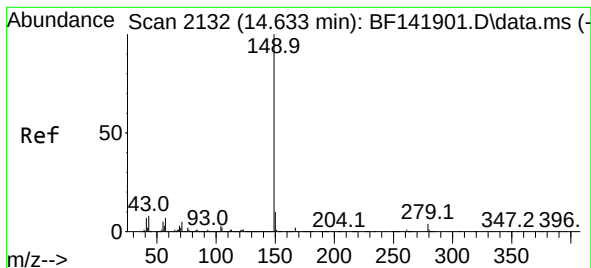
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.6 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 41.987 ng

RT: 14.621 min Scan# 2130

Delta R.T. -0.012 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

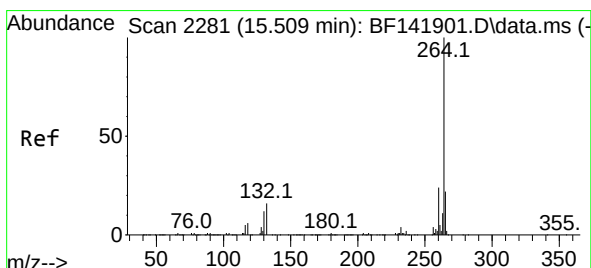
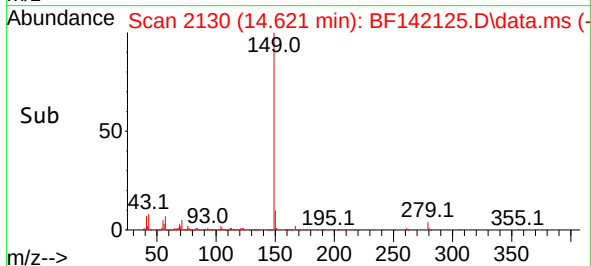
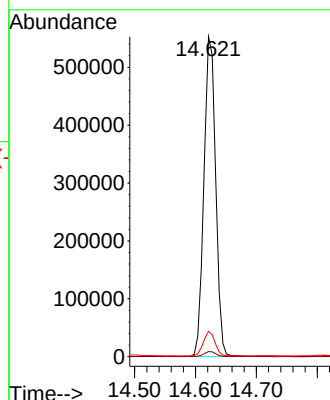
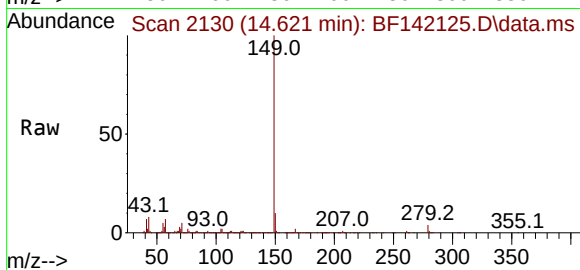
Tgt Ion:149 Resp: 737971

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.6 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

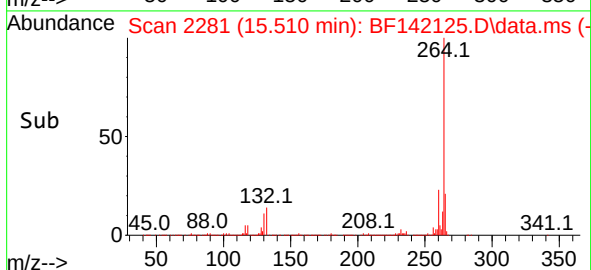
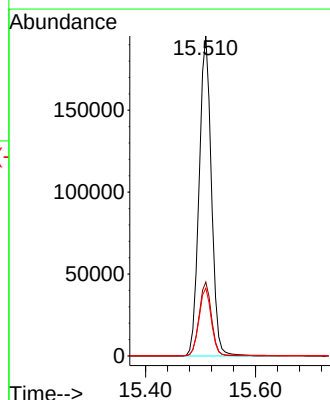
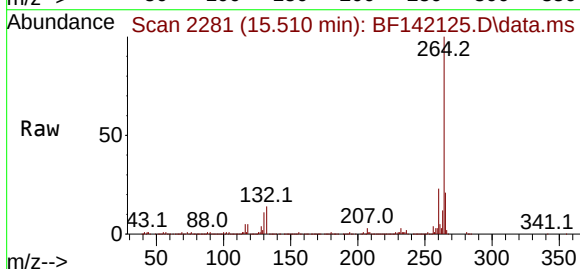
Tgt Ion:264 Resp: 302888

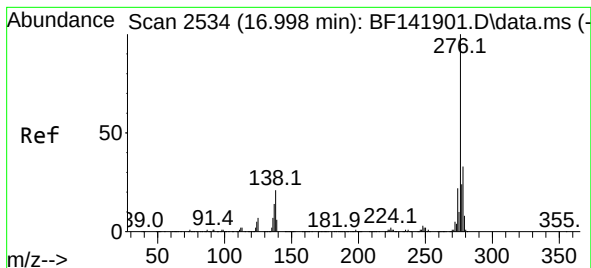
Ion Ratio Lower Upper

264 100

260 23.1 19.1 28.7

265 21.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 45.215 ng

RT: 17.004 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

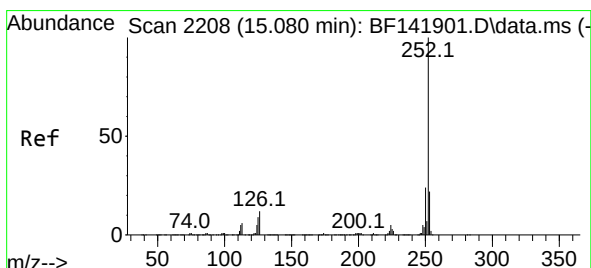
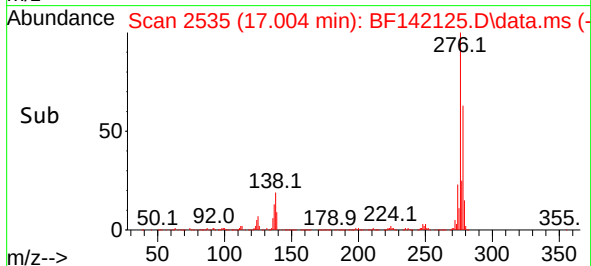
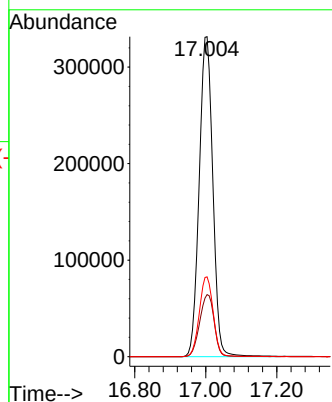
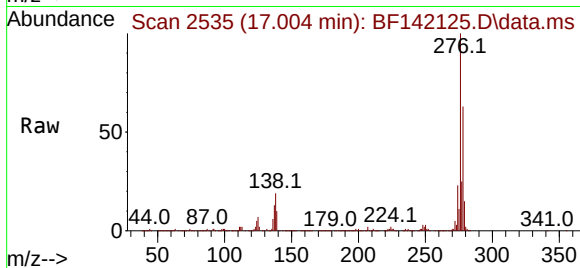
Tgt Ion:276 Resp: 885912

Ion Ratio Lower Upper

276 100

138 20.6 18.4 27.6

277 25.4 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.214 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

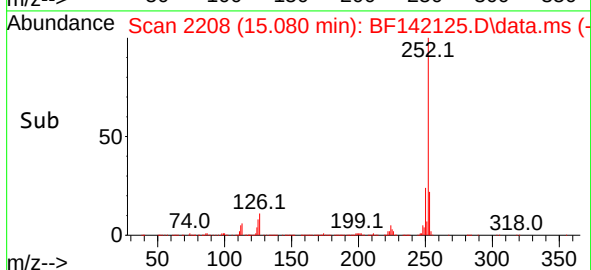
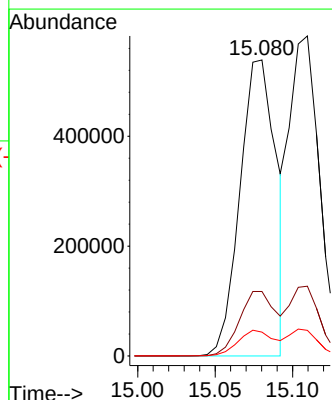
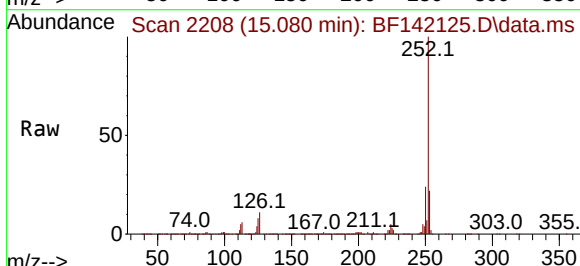
Tgt Ion:252 Resp: 876313

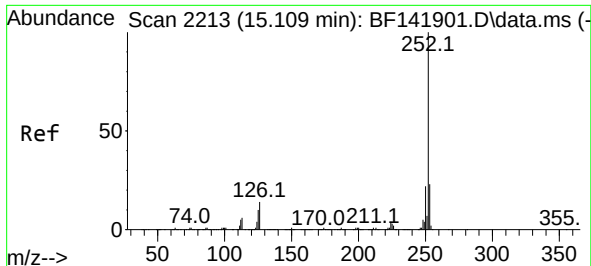
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.1 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 44.500 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

Instrument :

BNA_F

ClientSampleId :

TP-4MS

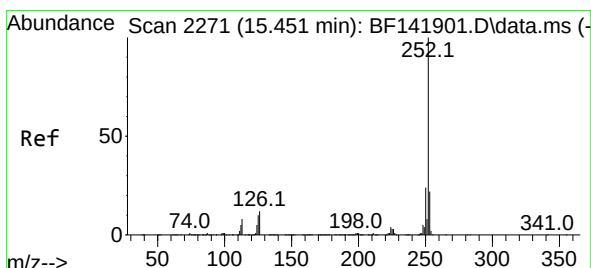
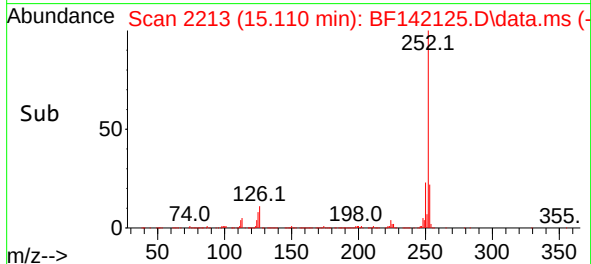
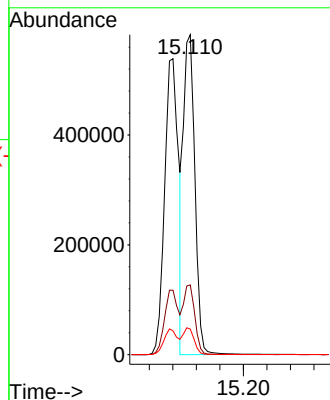
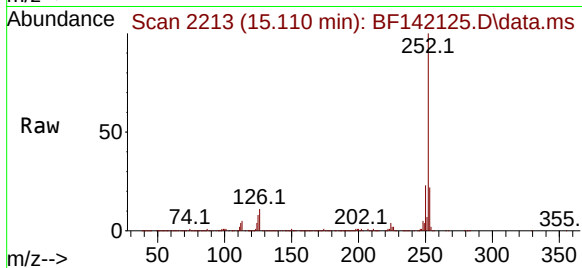
Tgt Ion:252 Resp: 790523

Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 8.0 7.2 10.8



#90

Benzo(a)pyrene

Concen: 50.752 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF142125.D

Acq: 27 Mar 2025 14:38

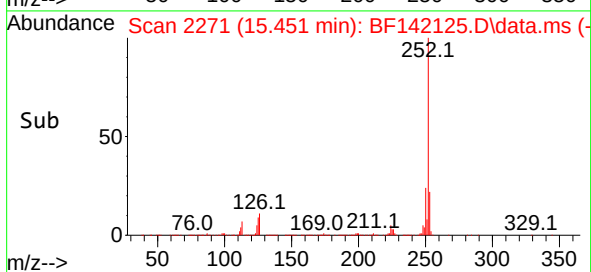
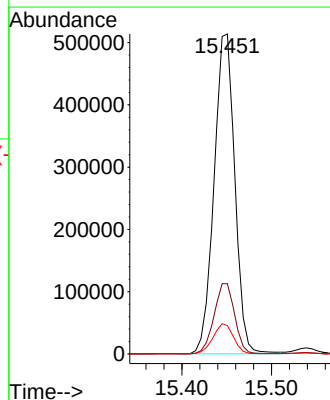
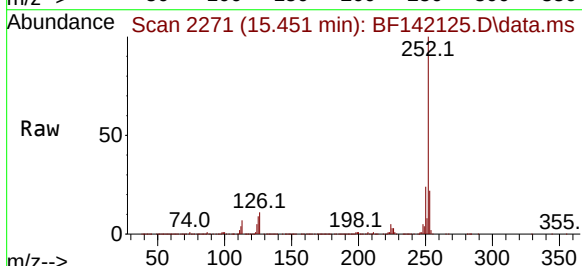
Tgt Ion:252 Resp: 824350

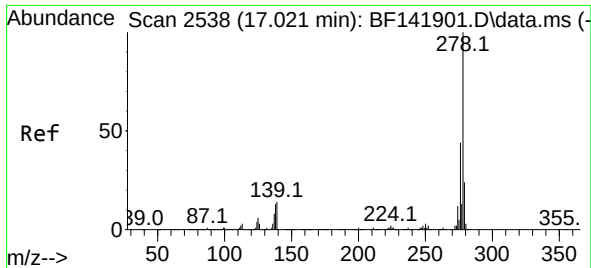
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 8.8 7.8 11.8

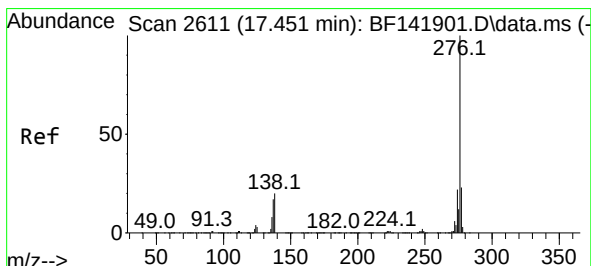
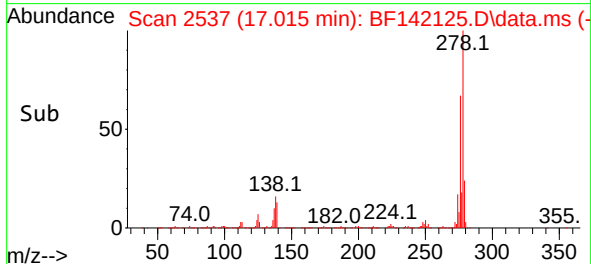
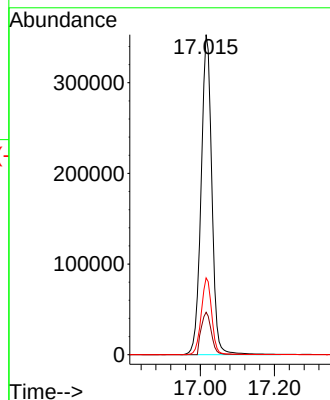
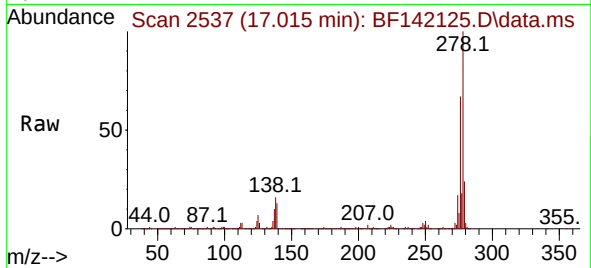




#91
 Dibenzo(a,h)anthracene
 Concen: 43.843 ng
 RT: 17.015 min Scan# 2537
 Delta R.T. -0.006 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

Instrument :
 BNA_F
 ClientSampleId :
 TP-4MS

Tgt Ion:278 Resp: 708761
 Ion Ratio Lower Upper
 278 100
 139 13.3 11.4 17.2
 279 24.0 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 39.843 ng
 RT: 17.451 min Scan# 2611
 Delta R.T. 0.000 min
 Lab File: BF142125.D
 Acq: 27 Mar 2025 14:38

Tgt Ion:276 Resp: 636501
 Ion Ratio Lower Upper
 276 100
 277 23.4 18.7 28.1
 138 17.3 15.8 23.8

