

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141170.D
 Acq On : 15 Jan 2025 12:38
 Operator : RC/JU
 Sample : PB166052BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166052BS

Quant Time: Jan 15 15:24:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	127479	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	506328	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	267808	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	466174	20.000	ng	0.00
76) Chrysene-d12	13.986	240	323562	20.000	ng	0.00
86) Perylene-d12	15.445	264	280381	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1163086	140.944	ng	0.01
7) Phenol-d6	6.445	99	1438329	137.599	ng	0.00
23) Nitrobenzene-d5	7.381	82	920245	96.342	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	480965	157.616	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1697898	96.814	ng	0.00
79) Terphenyl-d14	12.933	244	2029563	93.229	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	160846	43.770	ng	98
3) Pyridine	3.375	79	401918	44.601	ng	96
4) n-Nitrosodimethylamine	3.322	42	221055	50.169	ng	99
6) Aniline	6.481	93	356851	38.451	ng	98
8) 2-Chlorophenol	6.604	128	474319	53.574	ng	96
9) Benzaldehyde	6.369	77	57017	9.261	ng	97
10) Phenol	6.463	94	557290	49.804	ng	95
11) bis(2-Chloroethyl)ether	6.557	93	418759	50.217	ng	97
12) 1,3-Dichlorobenzene	6.763	146	486838	49.303	ng	98
13) 1,4-Dichlorobenzene	6.839	146	492556	49.501	ng	99
14) 1,2-Dichlorobenzene	6.987	146	469550	50.588	ng	98
15) Benzyl Alcohol	6.963	79	403011	53.387	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	565690	48.613	ng	96
17) 2-Methylphenol	7.069	107	380332	53.210	ng	99
18) Hexachloroethane	7.334	117	177352	49.286	ng	97
19) n-Nitroso-di-n-propyla...	7.234	70	309803	50.313	ng	98
20) 3+4-Methylphenols	7.222	107	459723	50.980	ng	# 90
22) Acetophenone	7.228	105	612166	50.858	ng	# 96
24) Nitrobenzene	7.404	77	482305	48.448	ng	99
25) Isophorone	7.639	82	837162	51.285	ng	100
26) 2-Nitrophenol	7.716	139	241488	53.327	ng	97
27) 2,4-Dimethylphenol	7.751	122	374172	61.258	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	502388	49.040	ng	99
29) 2,4-Dichlorophenol	7.957	162	378003	52.106	ng	99
30) 1,2,4-Trichlorobenzene	8.045	180	400024	48.242	ng	99
31) Naphthalene	8.122	128	1328287	49.746	ng	100
32) Benzoic acid	7.869	122	302120	51.562	ng	97
33) 4-Chloroaniline	8.169	127	197447	21.382	ng	99
34) Hexachlorobutadiene	8.245	225	243694	48.773	ng	100
35) Caprolactam	8.539	113	122224m	51.461	ng	
36) 4-Chloro-3-methylphenol	8.657	107	414084	52.192	ng	99
37) 2-Methylnaphthalene	8.816	142	869857	51.122	ng	99
38) 1-Methylnaphthalene	8.916	142	807327	48.144	ng	100
40) 1,2,4,5-Tetrachloroben...	8.980	216	395660	51.474	ng	99
41) Hexachlorocyclopentadiene	8.969	237	485084	192.892	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	288020	55.558	ng	98

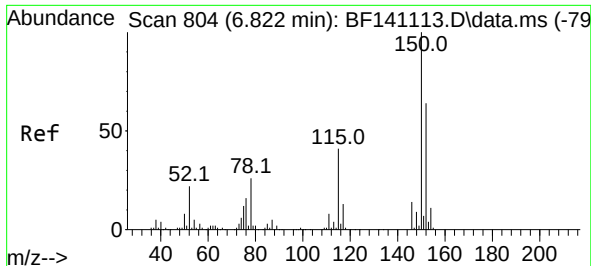
Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141170.D
 Acq On : 15 Jan 2025 12:38
 Operator : RC/JU
 Sample : PB166052BS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166052BS

Quant Time: Jan 15 15:24:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	275966	50.404	ng	99
46) 1,1'-Biphenyl	9.280	154	1064513	51.183	ng	99
47) 2-Chloronaphthalene	9.304	162	797294	49.219	ng	100
48) 2-Nitroaniline	9.398	65	257290	53.581	ng	99
49) Acenaphthylene	9.722	152	1264438	54.634	ng	100
50) Dimethylphthalate	9.586	163	922734	51.323	ng	100
51) 2,6-Dinitrotoluene	9.645	165	210873	50.437	ng	99
52) Acenaphthene	9.892	154	944636	58.422	ng	100
53) 3-Nitroaniline	9.810	138	124626	29.333	ng	100
54) 2,4-Dinitrophenol	9.916	184	245034	123.301	ng	95
55) Dibenzofuran	10.069	168	1147203	52.161	ng	99
56) 4-Nitrophenol	9.969	139	376730	113.219	ng	95
57) 2,4-Dinitrotoluene	10.045	165	294468	54.651	ng	98
58) Fluorene	10.410	166	876890	51.320	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	247659	54.419	ng	99
60) Diethylphthalate	10.286	149	887513	50.565	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	420869	50.538	ng	99
62) 4-Nitroaniline	10.427	138	220671	53.066	ng	99
63) Azobenzene	10.563	77	873462	50.433	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	163863	60.660	ng	95
66) n-Nitrosodiphenylamine	10.522	169	776049	51.612	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	275766	51.381	ng	99
68) Hexachlorobenzene	10.957	284	313193	52.421	ng	99
69) Atrazine	11.045	200	265174	65.497	ng	99
70) Pentachlorophenol	11.151	266	406670	106.288	ng	99
71) Phenanthrene	11.369	178	1361624	54.405	ng	100
72) Anthracene	11.422	178	1365888	56.128	ng	99
73) Carbazole	11.574	167	1234264	55.314	ng	100
74) Di-n-butylphthalate	11.910	149	1307256	51.192	ng	100
75) Fluoranthene	12.557	202	1429737	57.247	ng	99
77) Benzidine	12.680	184	277768	46.293	ng	99
78) Pyrene	12.786	202	1461903	47.304	ng	100
80) Butylbenzylphthalate	13.410	149	533517	51.779	ng	97
81) Benzo(a)anthracene	13.974	228	1152698	52.347	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	227608	32.461	ng	100
83) Chrysene	14.015	228	1000459	48.556	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	641587	51.896	ng	99
85) Di-n-octyl phthalate	14.586	149	947435	50.749	ng	97
87) Indeno(1,2,3-cd)pyrene	16.898	276	1019288	49.621	ng	98
88) Benzo(b)fluoranthene	15.021	252	1022166	56.536	ng	99
89) Benzo(k)fluoranthene	15.051	252	779261	51.002	ng	100
90) Benzo(a)pyrene	15.386	252	842373	56.471	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	819393	49.319	ng	98
92) Benzo(g,h,i)perylene	17.339	276	756968	43.803	ng	99

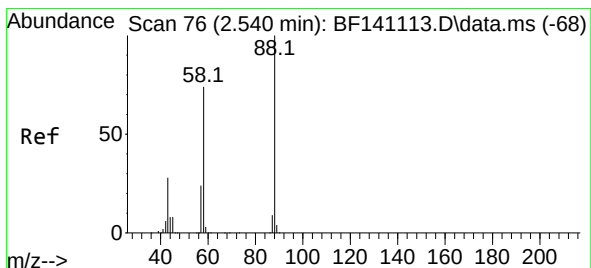
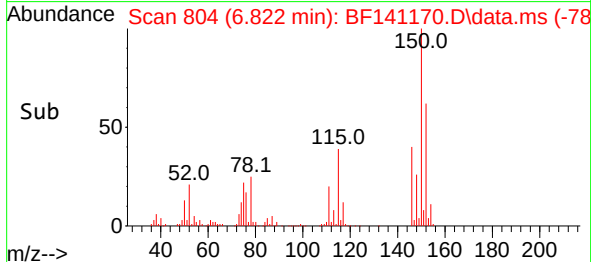
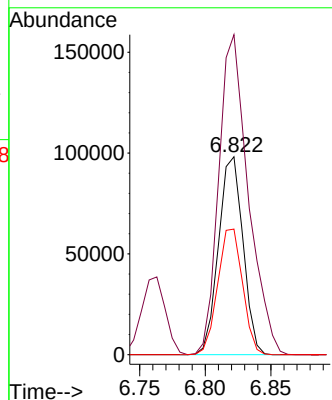
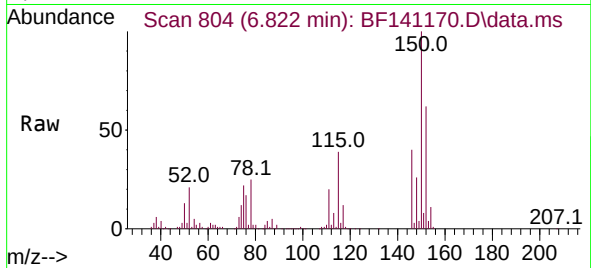
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141170.D
 Acq: 15 Jan 2025 12:38

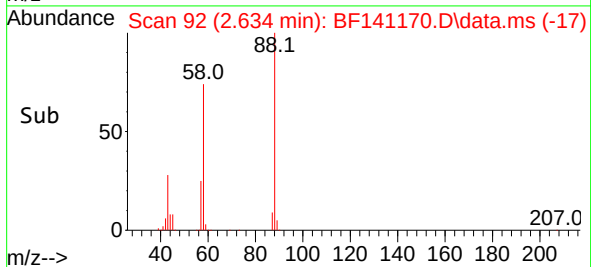
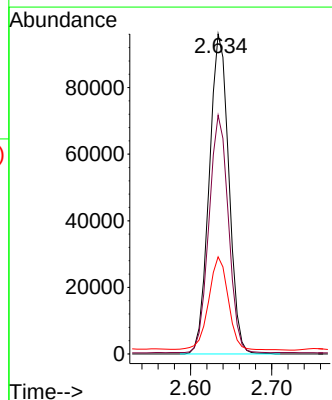
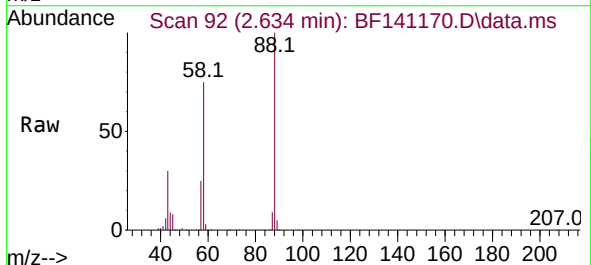
Instrument :
 BNA_F
 ClientSampleId :
 PB166052BS

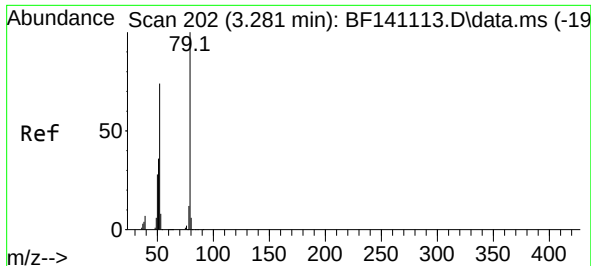
Tgt Ion:152 Resp: 127479
 Ion Ratio Lower Upper
 152 100
 150 161.7 125.8 188.8
 115 63.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 43.770 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF141170.D
 Acq: 15 Jan 2025 12:38

Tgt Ion: 88 Resp: 160846
 Ion Ratio Lower Upper
 88 100
 58 73.5 60.1 90.1
 43 29.5 23.1 34.7





#3

Pyridine

Concen: 44.601 ng

RT: 3.375 min Scan# 21

Delta R.T. 0.094 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

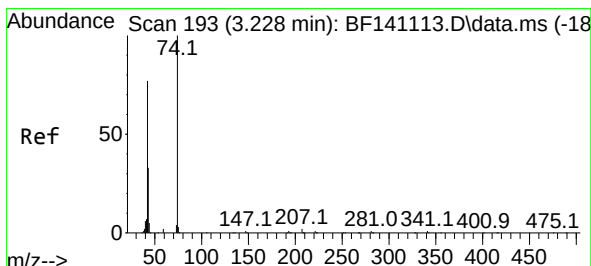
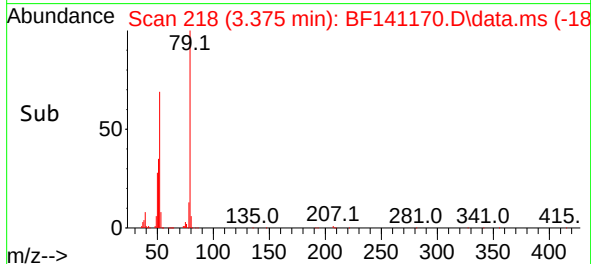
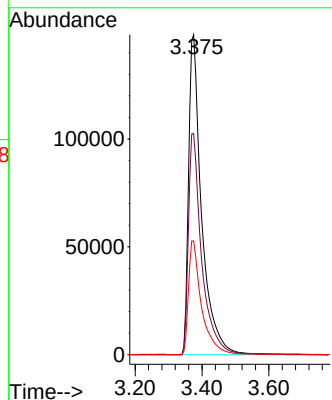
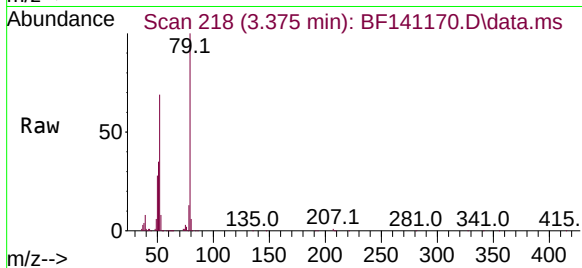
Tgt Ion: 79 Resp: 401918

Ion Ratio Lower Upper

79 100

52 69.1 58.9 88.3

51 35.5 29.1 43.7



#4

n-Nitrosodimethylamine

Concen: 50.169 ng

RT: 3.322 min Scan# 209

Delta R.T. 0.094 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

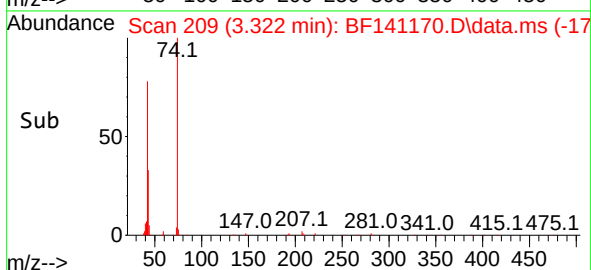
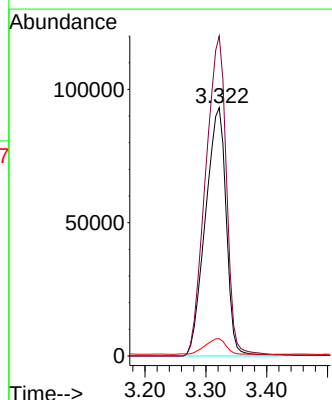
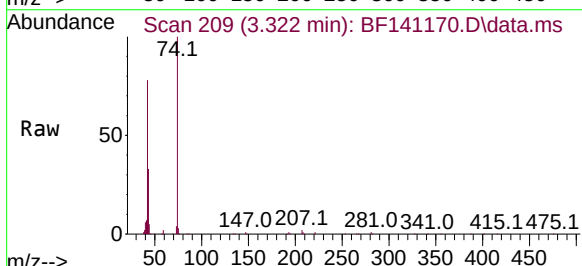
Tgt Ion: 42 Resp: 221055

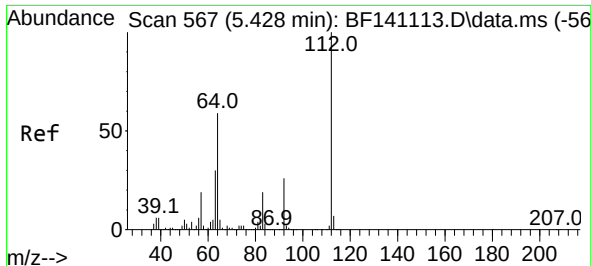
Ion Ratio Lower Upper

42 100

74 128.9 103.8 155.6

44 6.9 5.3 7.9

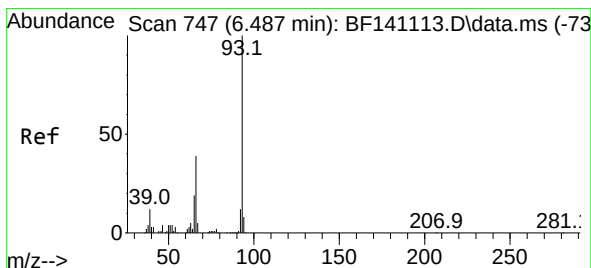
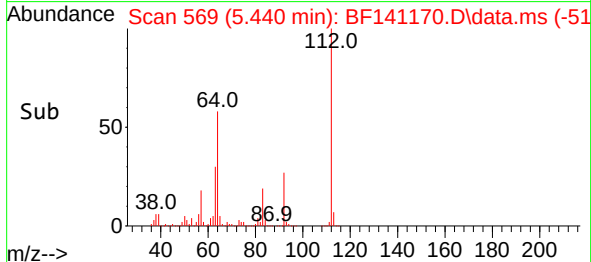
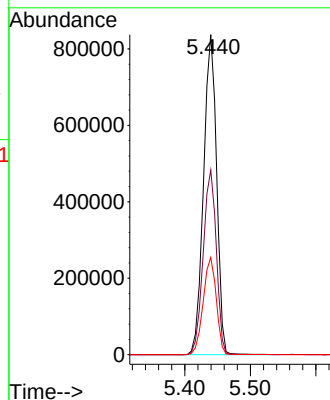
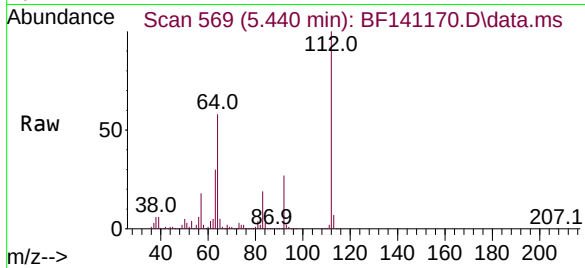




#5
2-Fluorophenol
Concen: 140.944 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

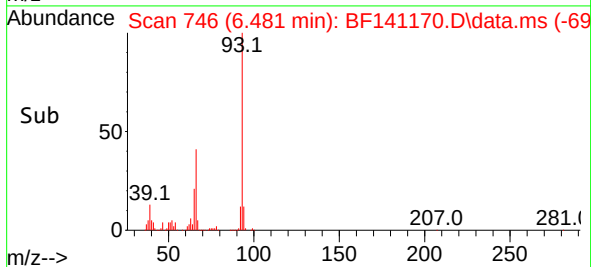
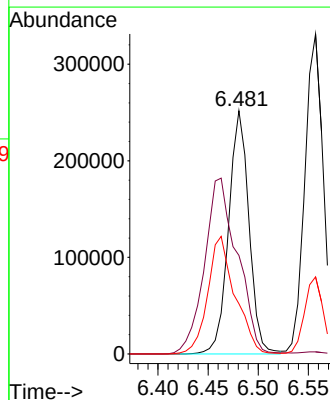
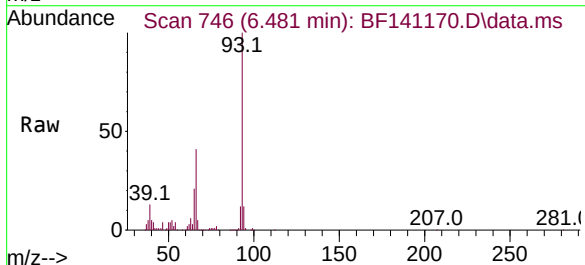
Instrument :
BNA_F
ClientSampleId :
PB166052BS

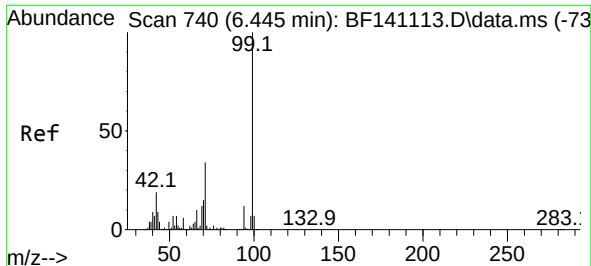
Tgt Ion:112 Resp: 1163086
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.4 24.2 36.2



#6
Aniline
Concen: 38.451 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion: 93 Resp: 356851
Ion Ratio Lower Upper
93 100
66 40.5 31.5 47.3
65 20.7 15.3 22.9

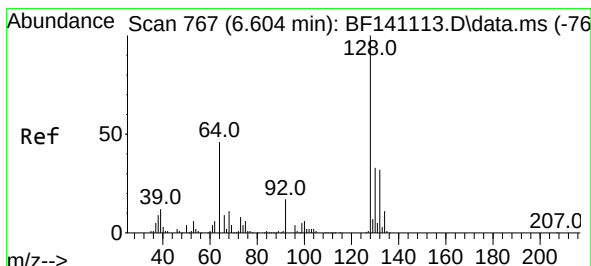
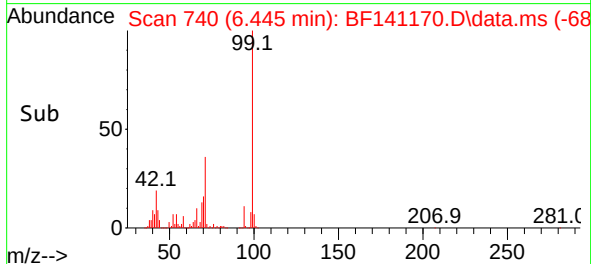
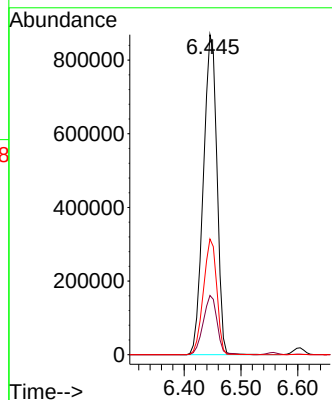
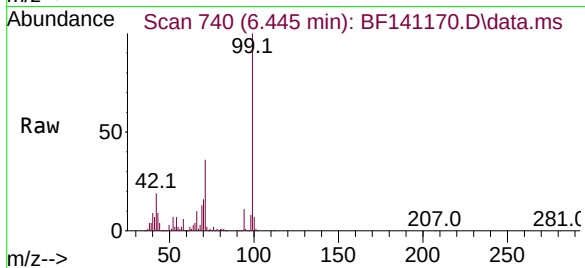




#7
Phenol-d6
Concen: 137.599 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

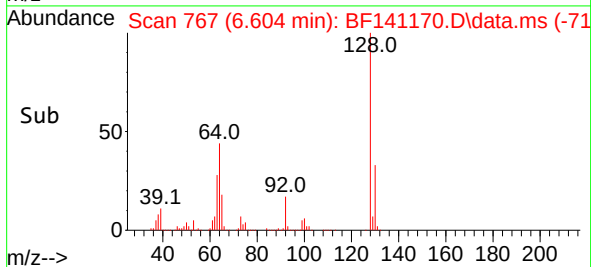
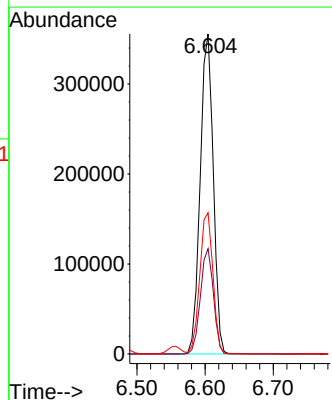
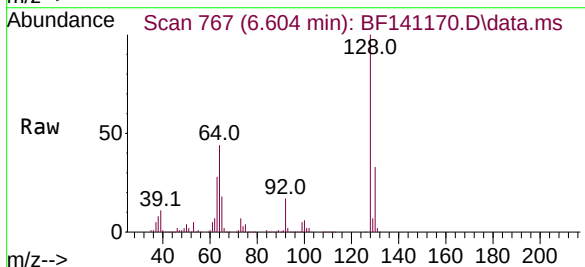
Instrument :
BNA_F
ClientSampleId :
PB166052BS

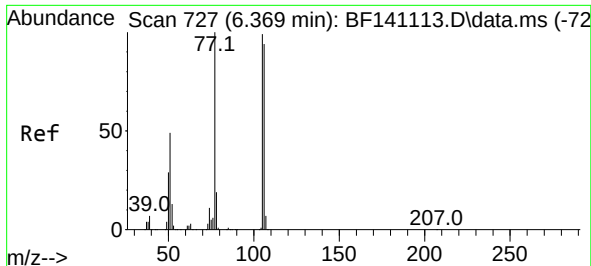
Tgt Ion: 99 Resp: 1438329
Ion Ratio Lower Upper
99 100
42 18.5 15.0 22.4
71 36.1 27.6 41.4



#8
2-Chlorophenol
Concen: 53.574 ng
RT: 6.604 min Scan# 767
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion: 128 Resp: 474319
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 44.2 28.3 68.3





#9

Benzaldehyde

Concen: 9.261 ng

RT: 6.369 min Scan# 710

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

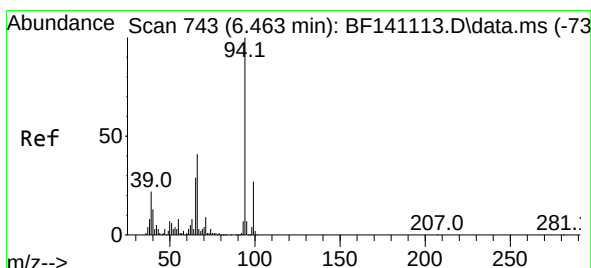
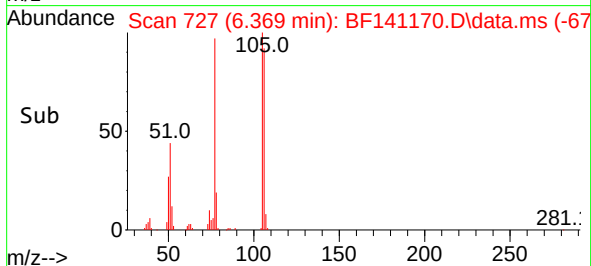
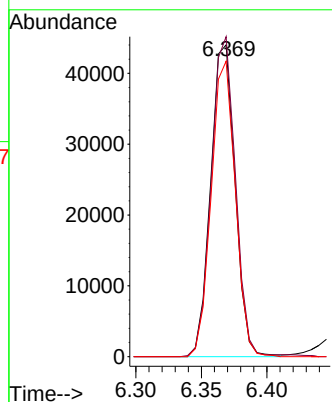
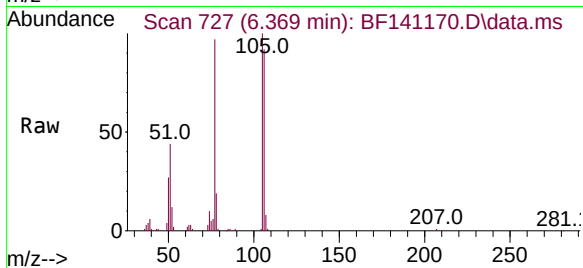
Tgt Ion: 77 Resp: 57017

Ion Ratio Lower Upper

77 100

105 102.6 78.9 118.9

106 94.8 73.6 113.6



#10

Phenol

Concen: 49.804 ng

RT: 6.463 min Scan# 743

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

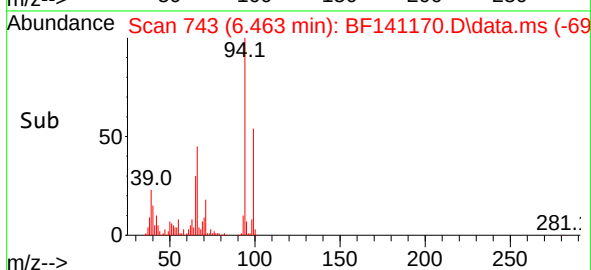
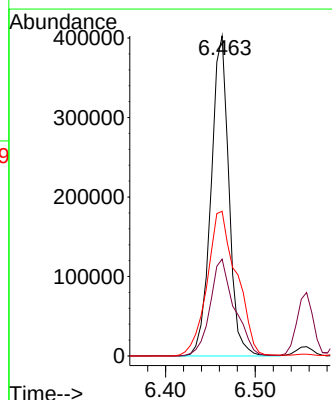
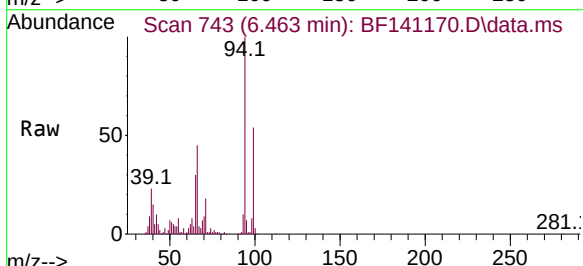
Tgt Ion: 94 Resp: 557290

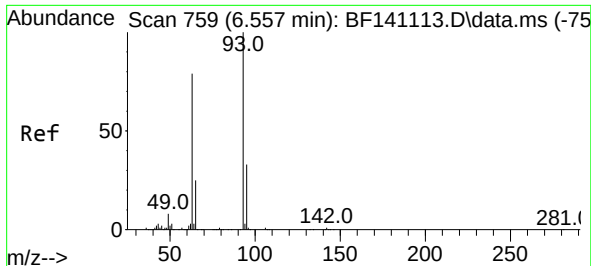
Ion Ratio Lower Upper

94 100

65 30.3 8.9 48.9

66 45.2 21.2 61.2

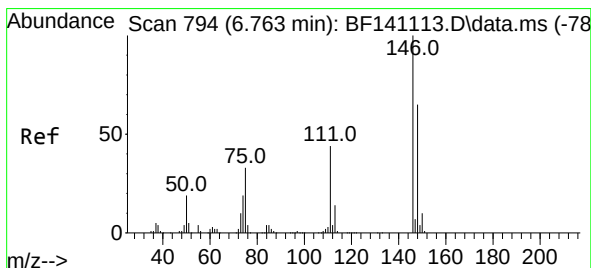
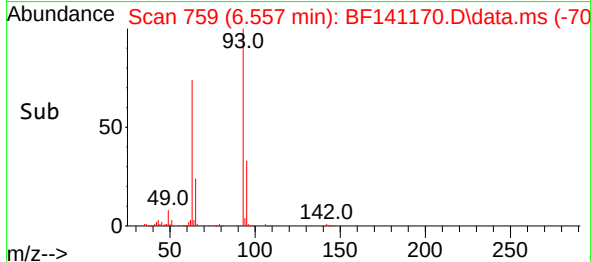
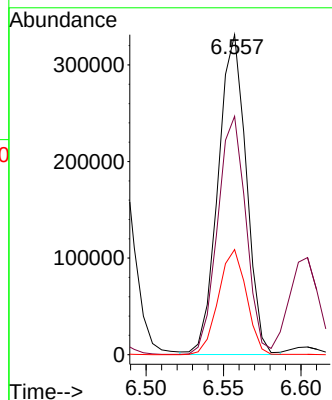
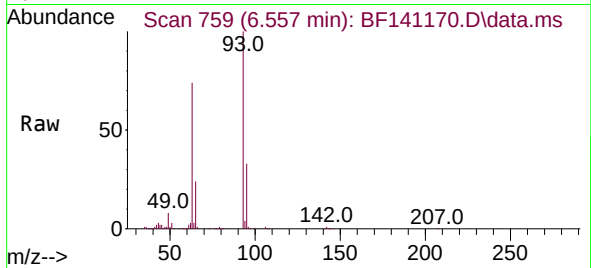




#11
bis(2-Chloroethyl)ether
Concen: 50.217 ng
RT: 6.557 min Scan# 759
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

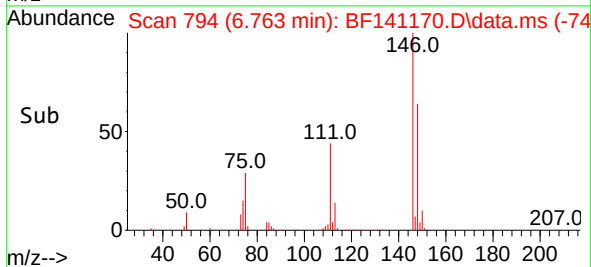
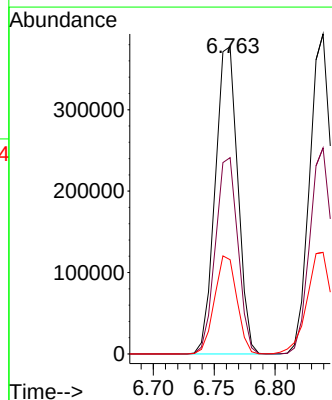
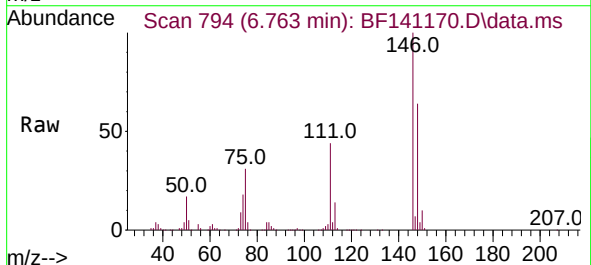
Instrument :
BNA_F
ClientSampleId :
PB166052BS

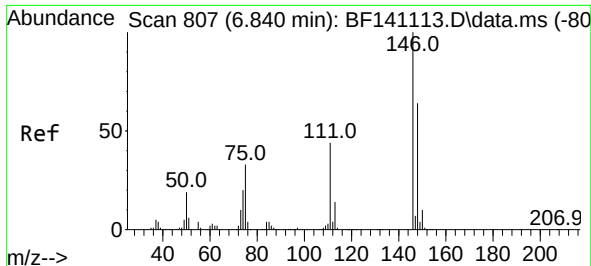
Tgt Ion: 93 Resp: 418759
Ion Ratio Lower Upper
93 100
63 74.5 58.0 98.0
95 32.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 49.303 ng
RT: 6.763 min Scan# 794
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:146 Resp: 486838
Ion Ratio Lower Upper
146 100
148 63.9 51.6 77.4
75 30.7 26.2 39.2

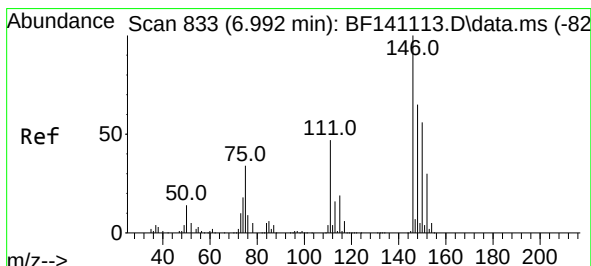
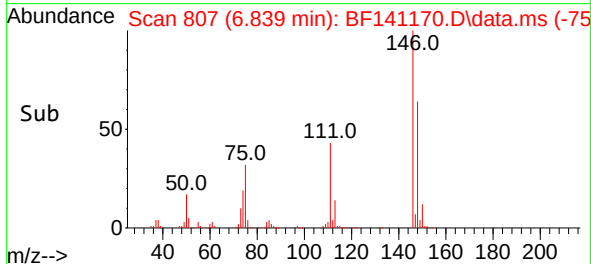
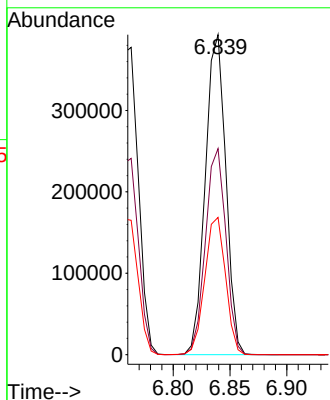
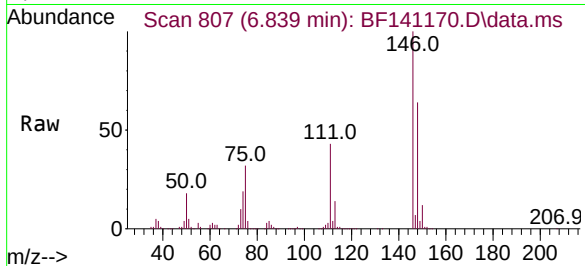




#13
1,4-Dichlorobenzene
Concen: 49.501 ng
RT: 6.839 min Scan# 807
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

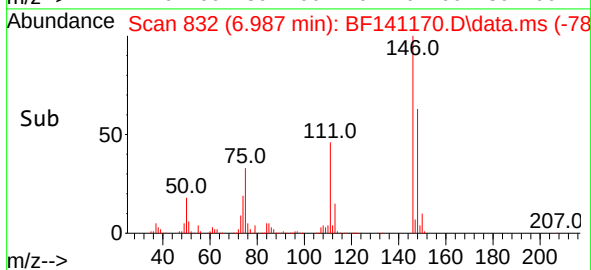
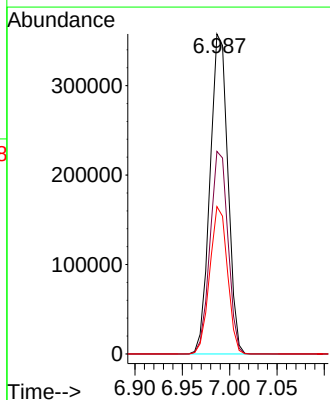
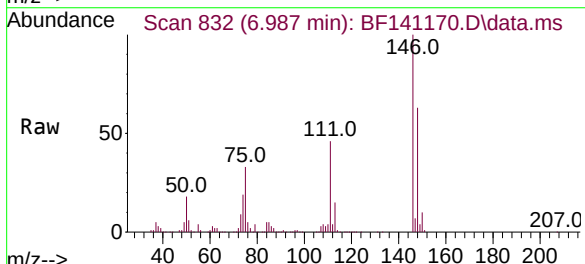
Instrument :
BNA_F
ClientSampleId :
PB166052BS

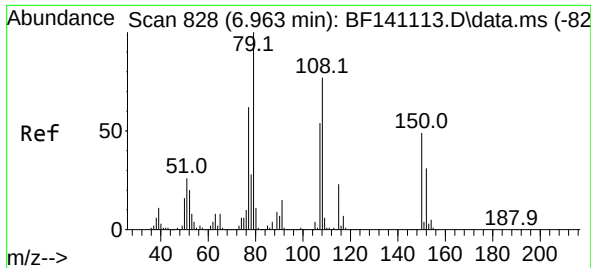
Tgt Ion:146 Resp: 492556
Ion Ratio Lower Upper
146 100
148 64.4 51.0 76.6
111 42.9 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.588 ng
RT: 6.987 min Scan# 832
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:146 Resp: 469550
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 46.0 37.5 56.3

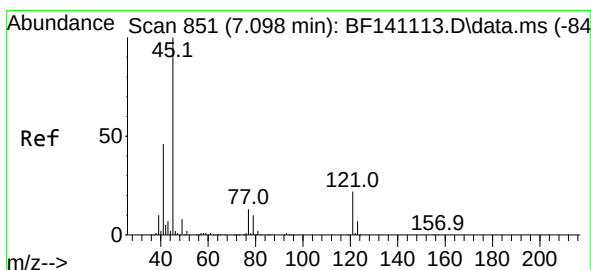
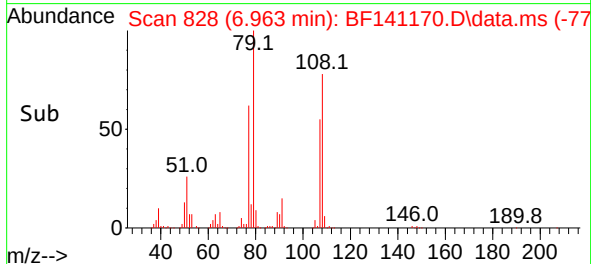
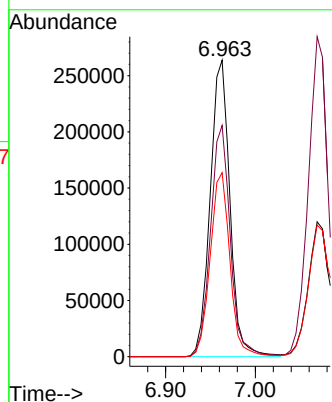
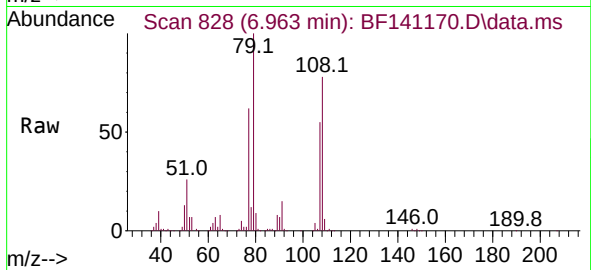




#15
Benzyl Alcohol
Concen: 53.387 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

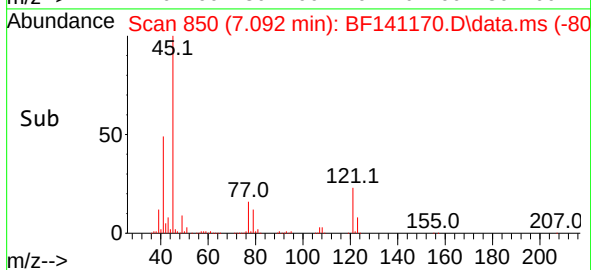
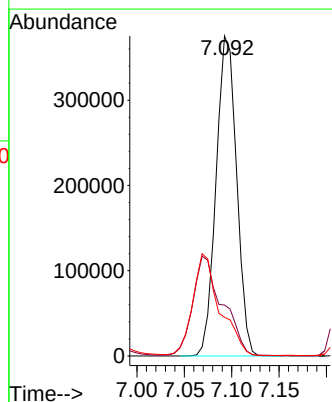
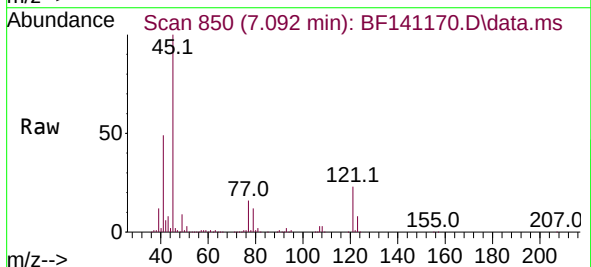
Instrument :
BNA_F
ClientSampleId :
PB166052BS

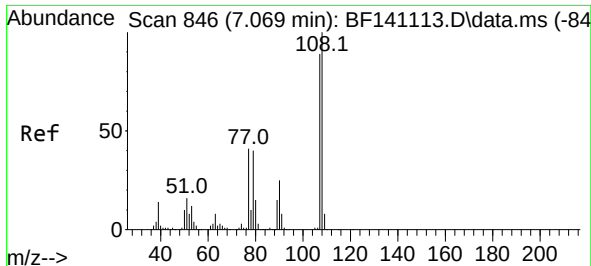
Tgt Ion: 79 Resp: 403011
Ion Ratio Lower Upper
79 100
108 77.9 61.4 92.0
77 62.1 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.613 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

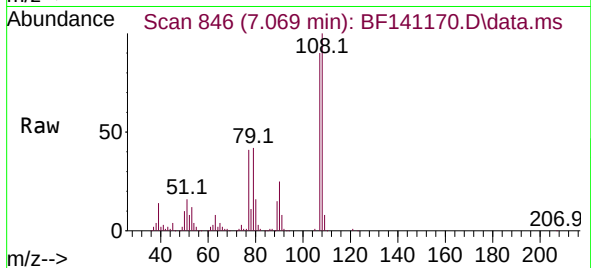
Tgt Ion: 45 Resp: 565690
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.1
79 12.1 0.0 31.0



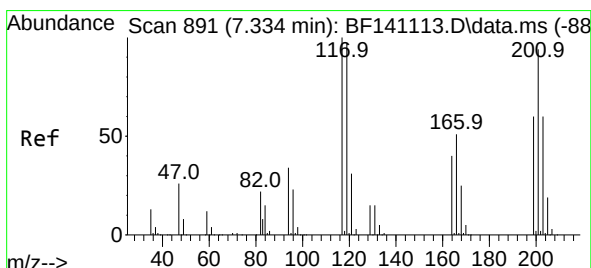
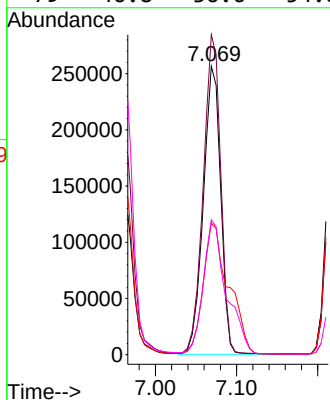
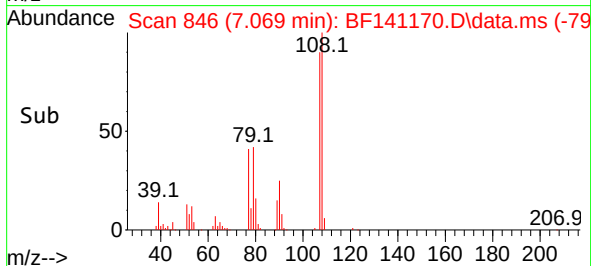


#17
2-Methylphenol
Concen: 53.210 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Instrument :
BNA_F
ClientSampleId :
PB166052BS

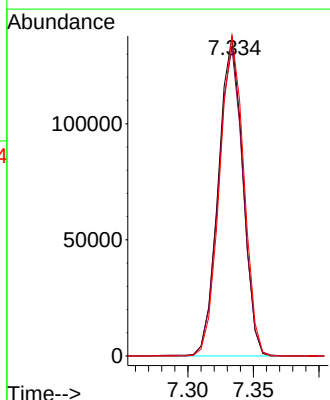
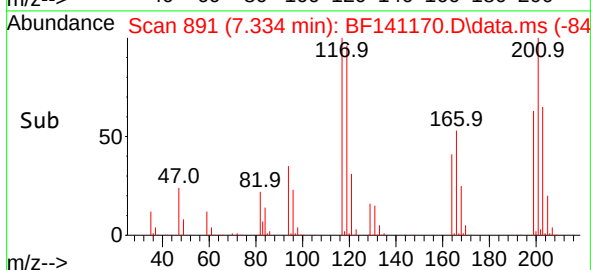
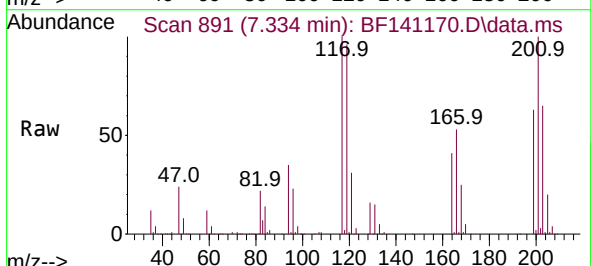


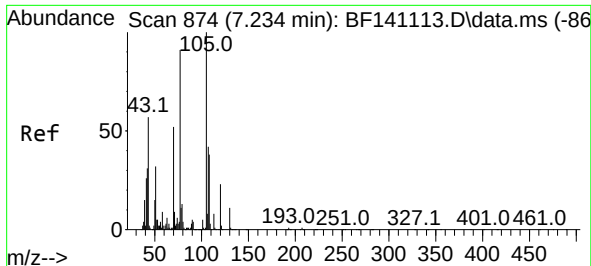
Tgt Ion:	107	Resp:	380332
Ion	Ratio	Lower	Upper
107	100		
108	111.0	90.1	135.1
77	45.7	36.6	55.0
79	46.8	36.6	54.8



#18
Hexachloroethane
Concen: 49.286 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:	117	Resp:	177352
Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.6	116.4
201	100.3	75.1	112.7



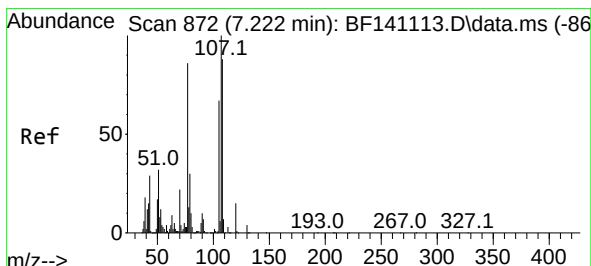
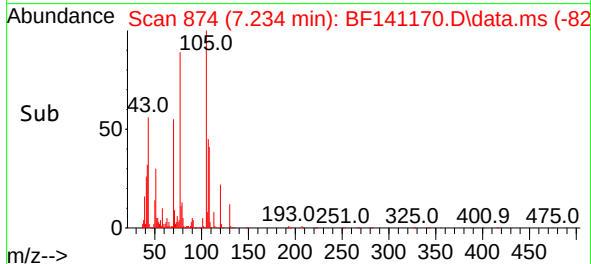
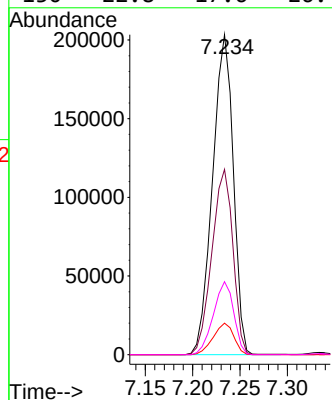
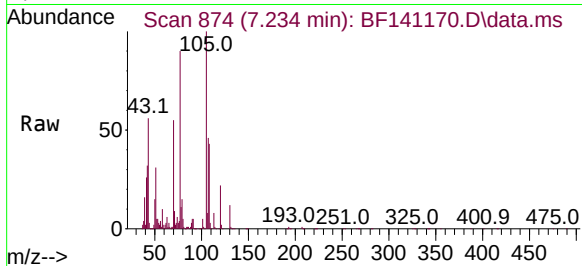


#19
n-Nitroso-di-n-propylamine
Concen: 50.313 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Instrument :
BNA_F
ClientSampleId :
PB166052BS

Tgt Ion: 70 Resp: 309803

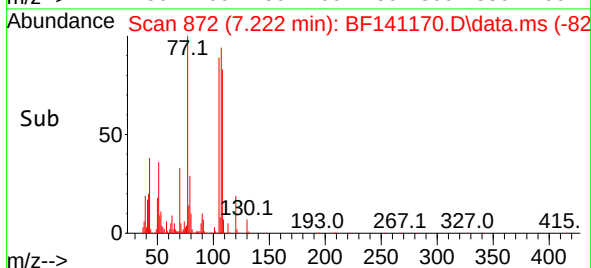
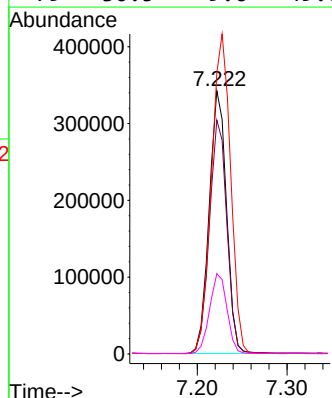
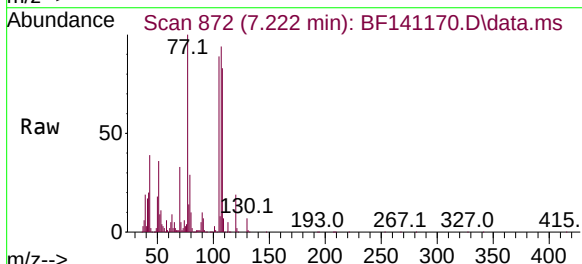
Ion	Ratio	Lower	Upper
70	100		
42	57.9	47.8	71.6
101	9.9	7.9	11.9
130	22.8	17.6	26.4

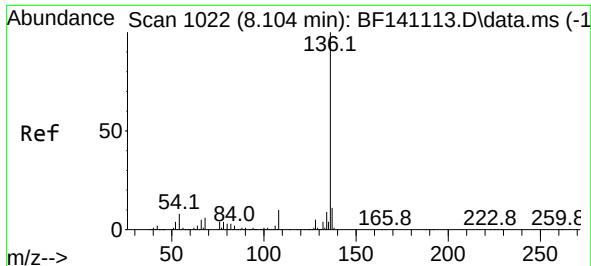


#20
3+4-Methylphenols
Concen: 50.980 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion: 107 Resp: 459723

Ion	Ratio	Lower	Upper
107	100		
108	88.9	68.3	108.3
77	106.8	66.4	106.4#
79	30.5	9.6	49.6



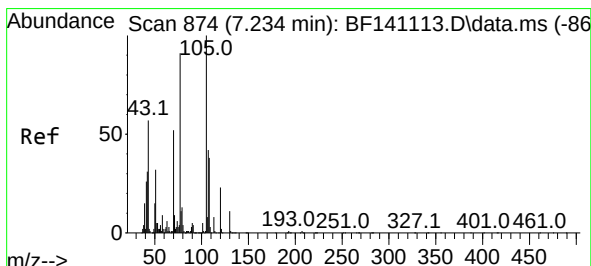
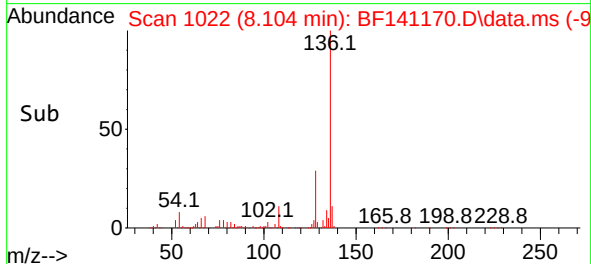
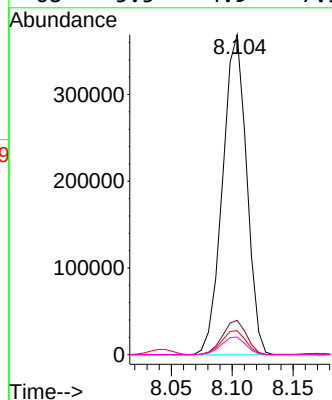
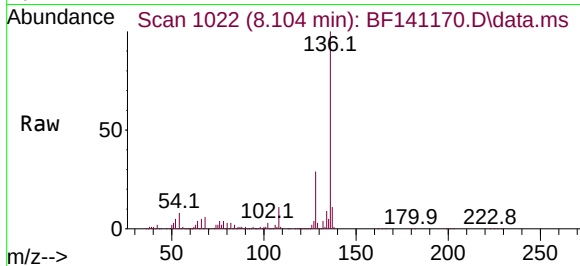


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 1022
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Instrument :
BNA_F
ClientSampleId :
PB166052BS

Tgt Ion:136 Resp: 506328

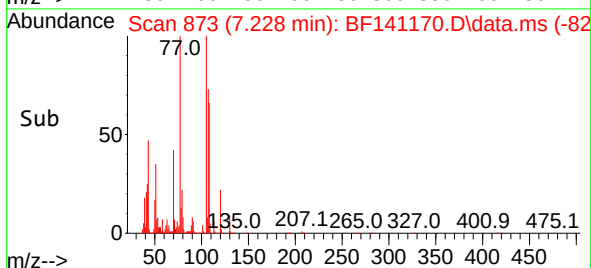
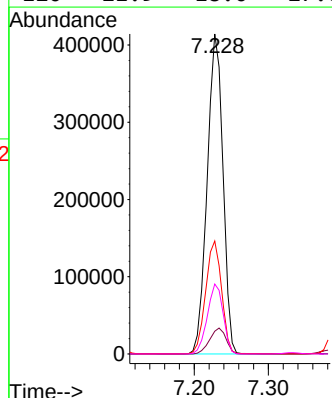
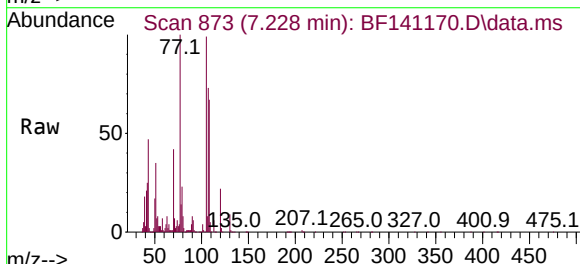
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.5	6.3	9.5
68	5.5	4.9	7.3

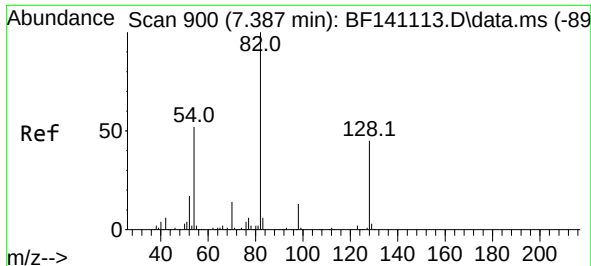


#22
Acetophenone
Concen: 50.858 ng
RT: 7.228 min Scan# 873
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:105 Resp: 612166

Ion	Ratio	Lower	Upper
105	100		
71	7.1	7.1	10.7#
51	35.3	25.4	38.2
120	21.9	18.0	27.0

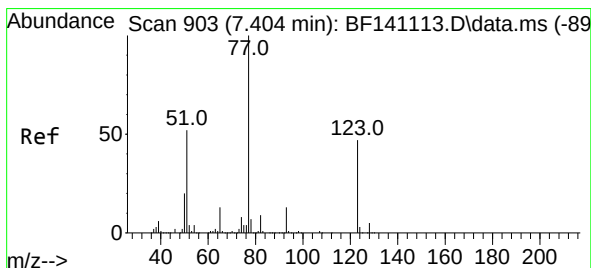
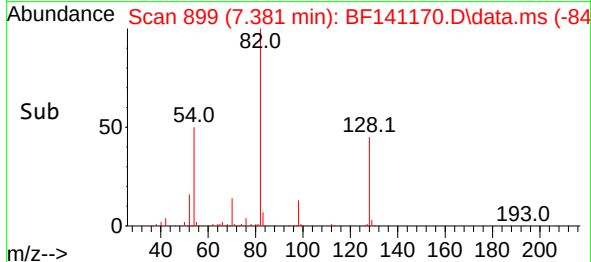
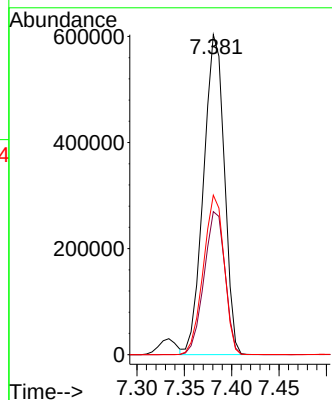
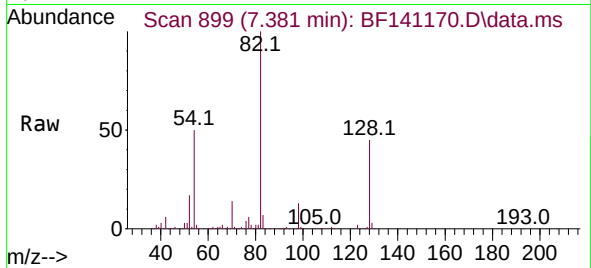




#23
Nitrobenzene-d5
Concen: 96.342 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

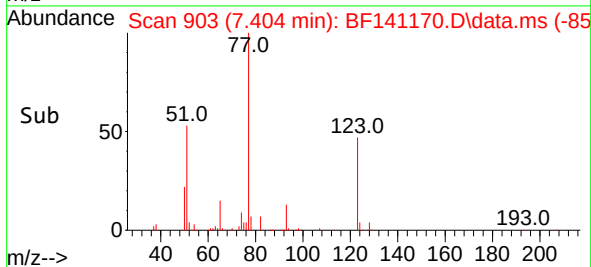
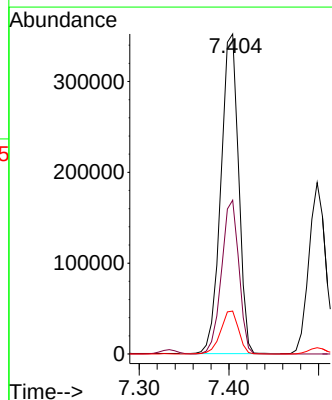
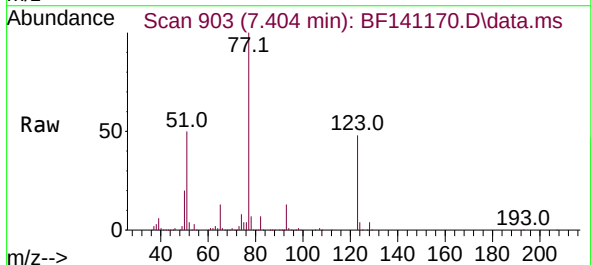
Instrument :
BNA_F
ClientSampleId :
PB166052BS

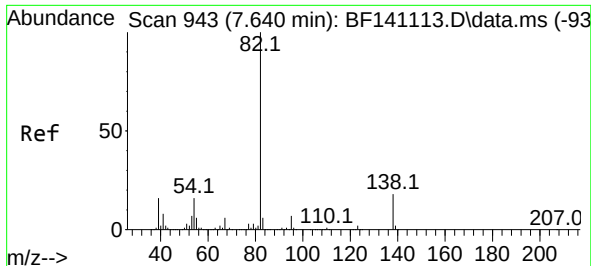
Tgt Ion: 82 Resp: 920245
Ion Ratio Lower Upper
82 100
128 44.7 36.1 54.1
54 49.9 41.0 61.4



#24
Nitrobenzene
Concen: 48.448 ng
RT: 7.404 min Scan# 903
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion: 77 Resp: 482305
Ion Ratio Lower Upper
77 100
123 48.1 37.7 56.5
65 13.4 10.6 16.0

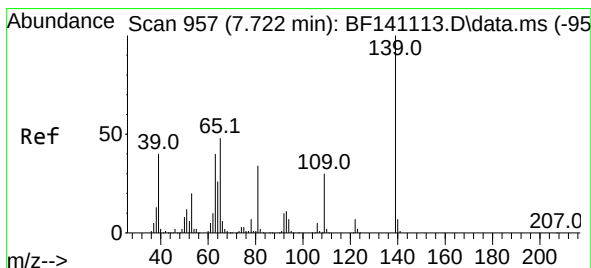
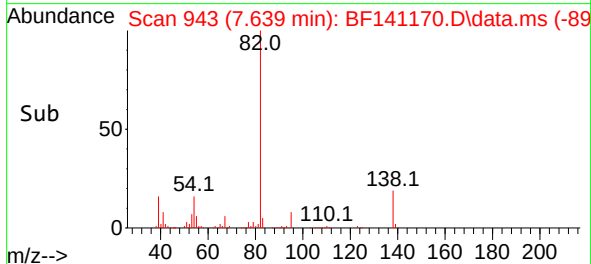
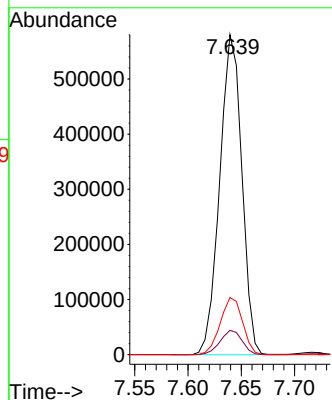
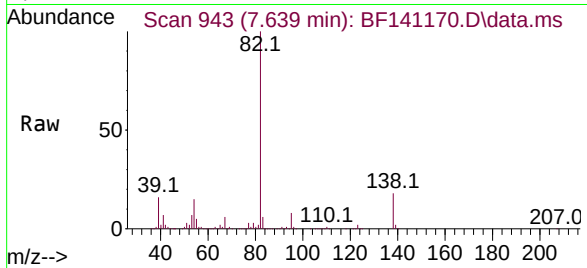




#25
Isophorone
Concen: 51.285 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

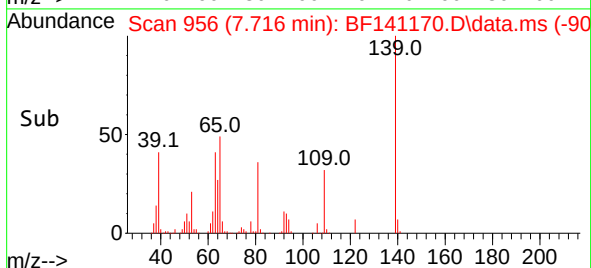
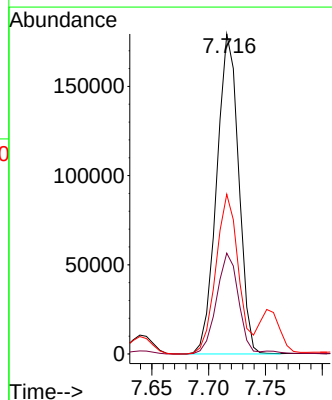
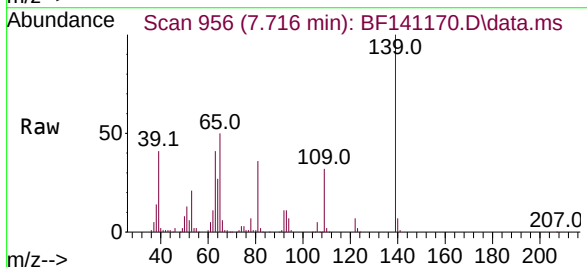
Instrument :
BNA_F
ClientSampleId :
PB166052BS

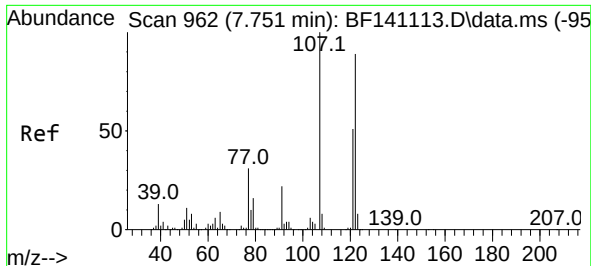
Tgt Ion: 82 Resp: 837162
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 17.9 14.2 21.2



#26
2-Nitrophenol
Concen: 53.327 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:139 Resp: 241488
Ion Ratio Lower Upper
139 100
109 31.5 23.8 35.6
65 49.9 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 61.258 ng

RT: 7.751 min Scan# 90

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

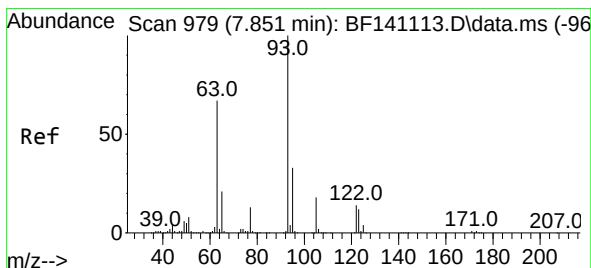
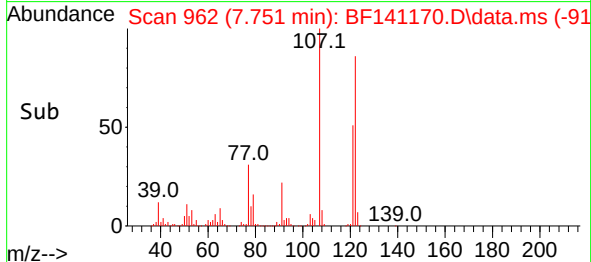
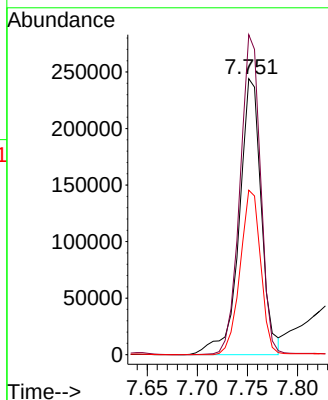
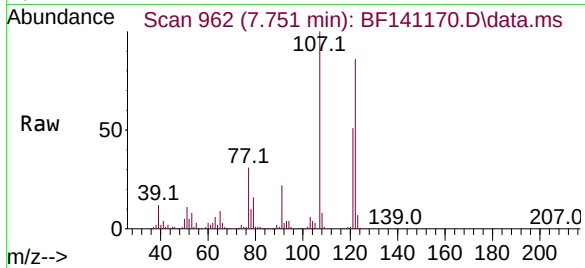
Tgt Ion:122 Resp: 374172

Ion Ratio Lower Upper

122 100

107 115.9 90.3 135.5

121 59.6 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 49.040 ng

RT: 7.851 min Scan# 979

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

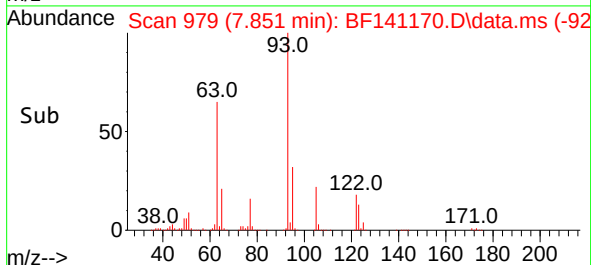
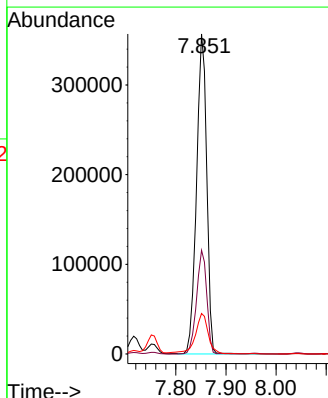
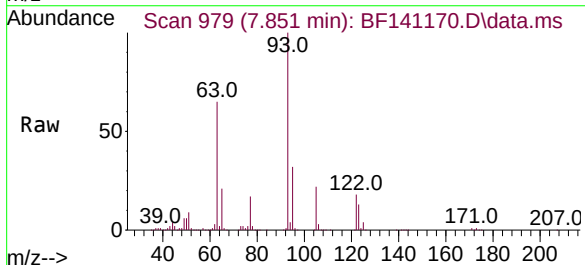
Tgt Ion: 93 Resp: 502388

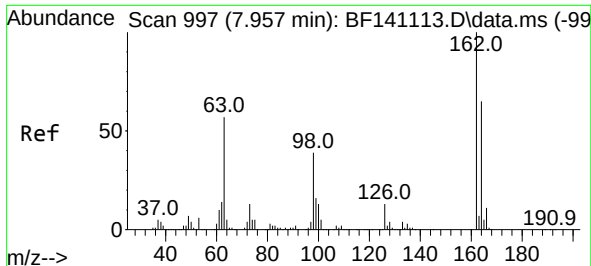
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 12.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 52.106 ng

RT: 7.957 min Scan# 997

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

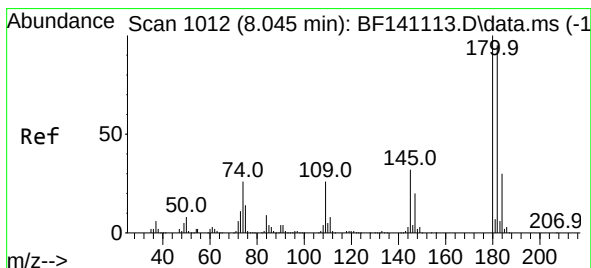
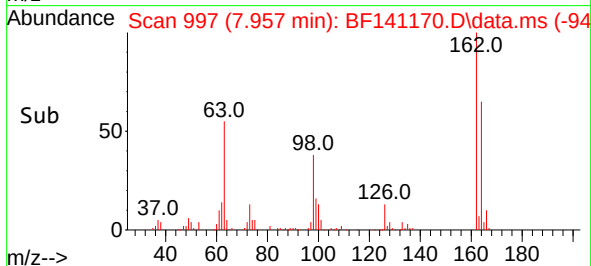
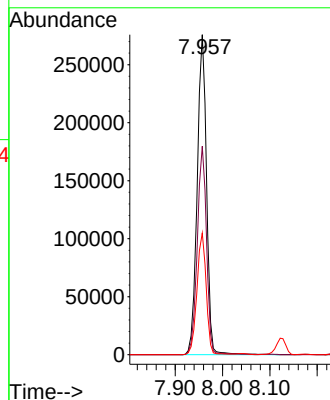
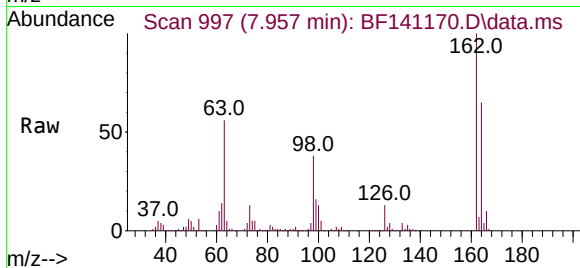
Tgt Ion:162 Resp: 378003

Ion Ratio Lower Upper

162 100

164 65.2 44.5 84.5

98 38.0 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 48.242 ng

RT: 8.045 min Scan# 1012

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

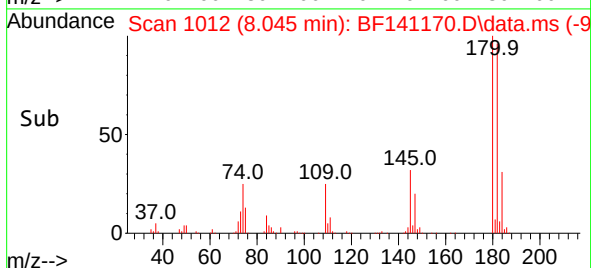
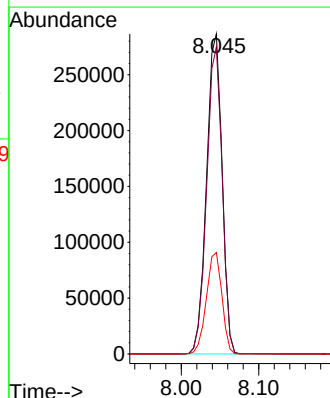
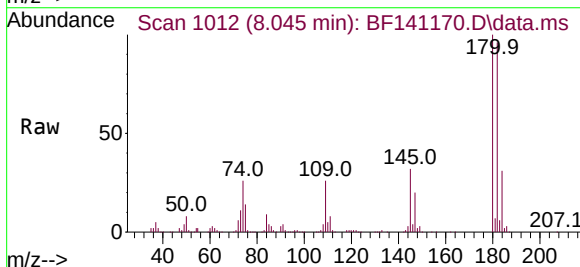
Tgt Ion:180 Resp: 400024

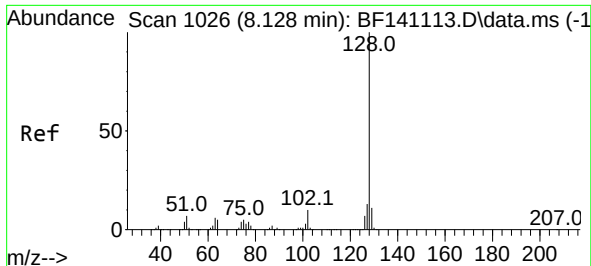
Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 31.7 25.3 37.9

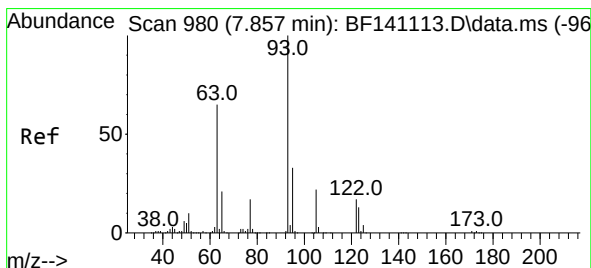
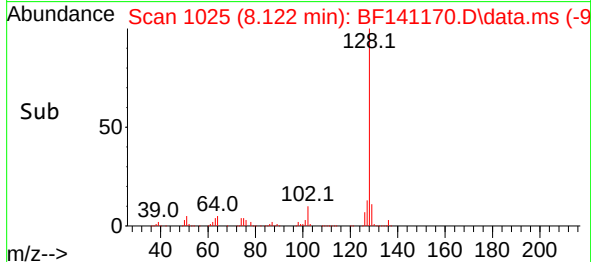
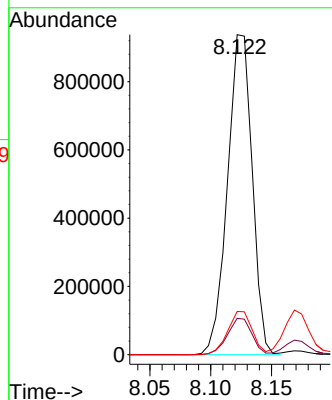
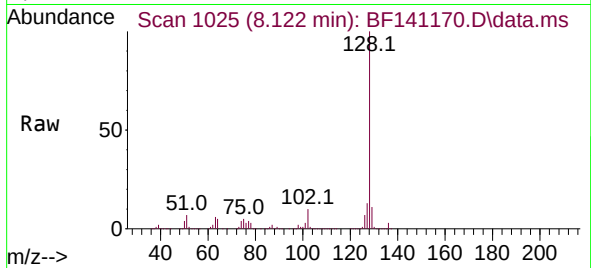




#31
Naphthalene
Concen: 49.746 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

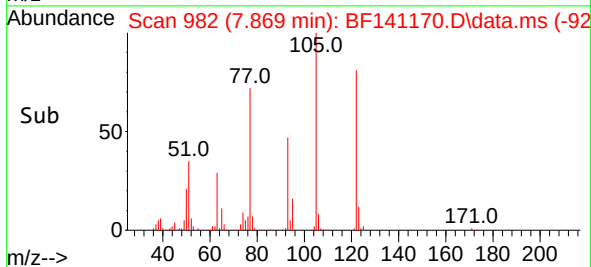
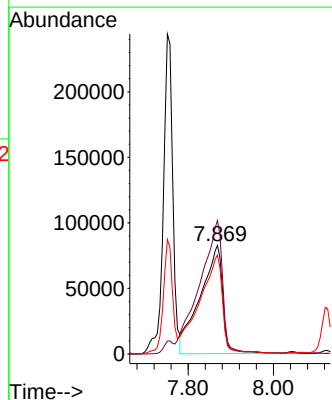
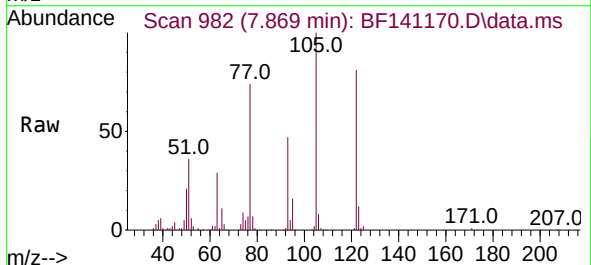
Instrument :
BNA_F
ClientSampleId :
PB166052BS

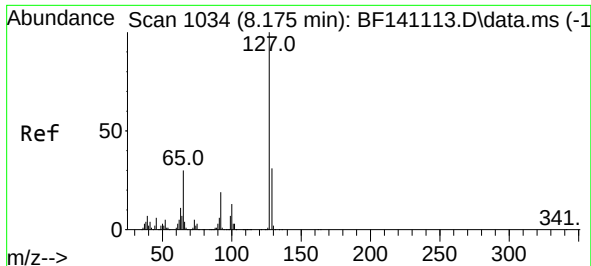
Tgt Ion:128 Resp: 1328287
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 51.562 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:122 Resp: 302120
Ion Ratio Lower Upper
122 100
105 122.9 105.5 145.5
77 91.1 75.1 115.1

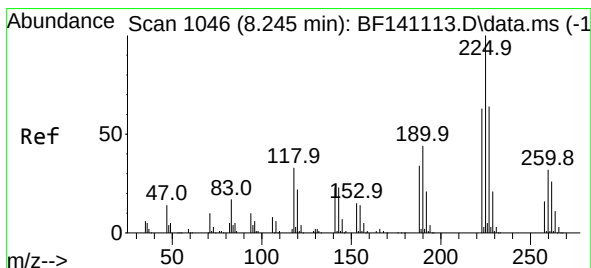
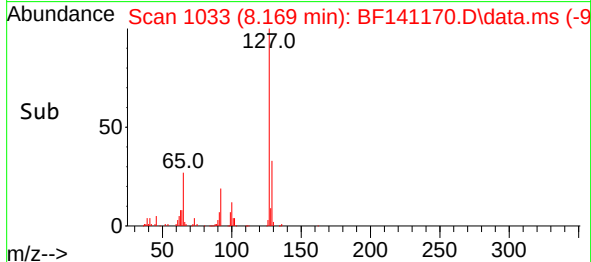
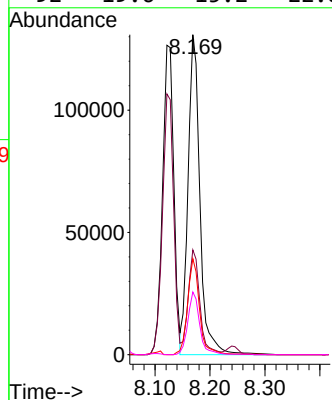
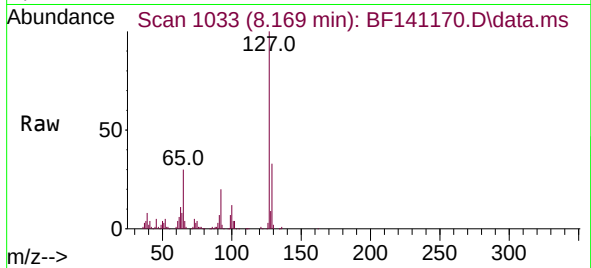




#33
4-Chloroaniline
Concen: 21.382 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

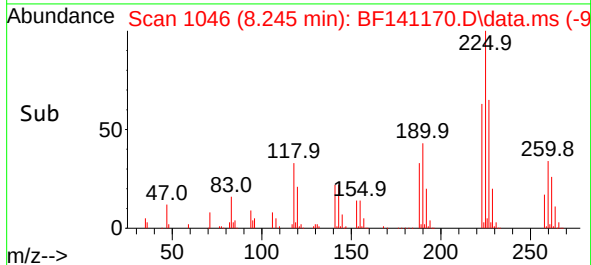
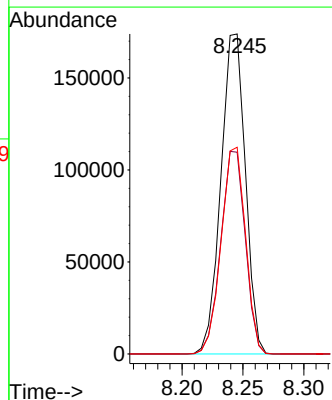
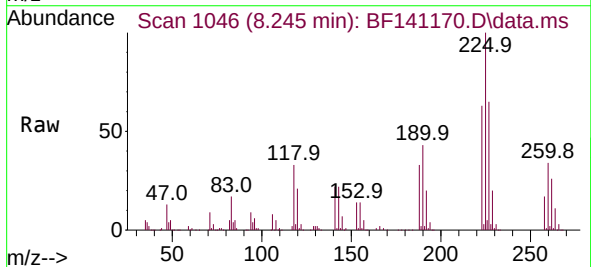
Instrument :
BNA_F
ClientSampleId :
PB166052BS

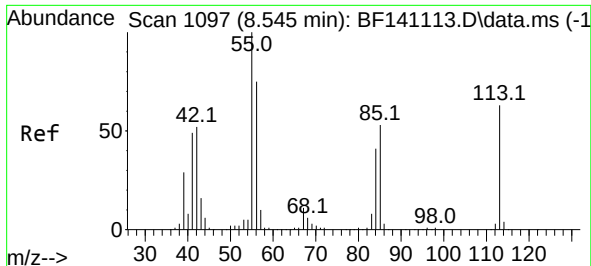
Tgt Ion:127	Resp: 197447
Ion Ratio	Lower Upper
127 100	
129 32.7	25.9 38.9
65 30.0	23.8 35.8
92 19.6	15.2 22.8



#34
Hexachlorobutadiene
Concen: 48.773 ng
RT: 8.245 min Scan# 1046
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:225	Resp: 243694		
Ion Ratio	Lower	Upper	
225 100			
223 63.0	50.6	76.0	
227 64.6	51.6	77.4	

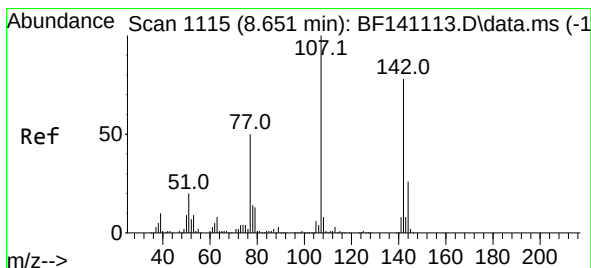
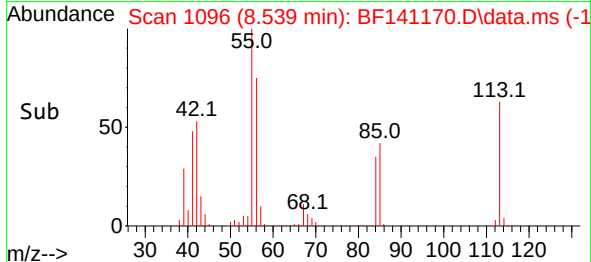
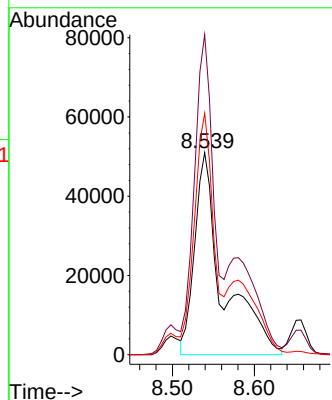
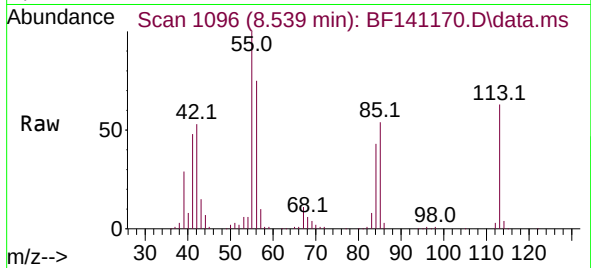




#35
Caprolactam
Concen: 51.461 ng m
RT: 8.539 min Scan# 1096
Delta R.T. -0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

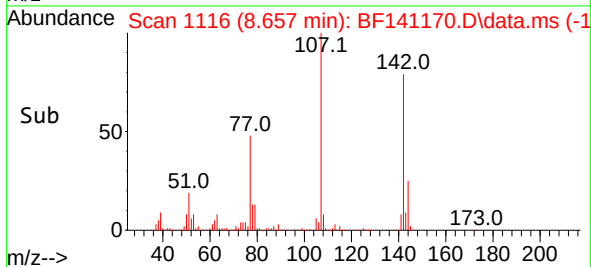
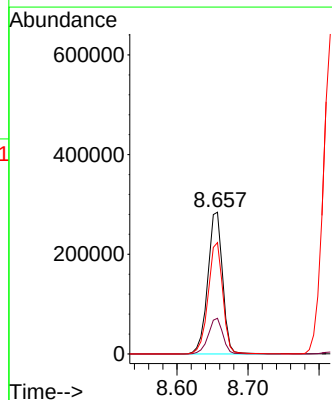
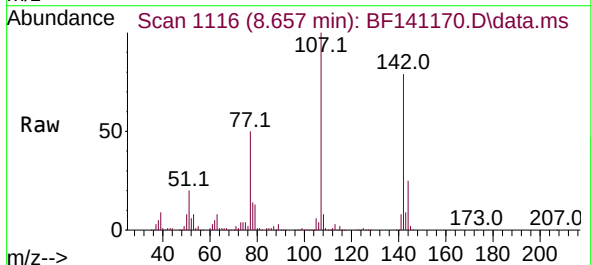
Instrument :
BNA_F
ClientSampleId :
PB166052BS

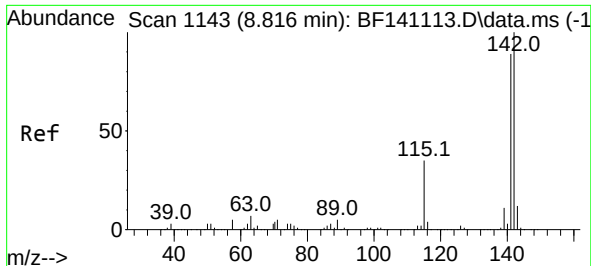
Tgt Ion:113 Resp: 122224
Ion Ratio Lower Upper
113 100
55 158.4 139.7 179.7
56 119.5 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 52.192 ng
RT: 8.657 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:107 Resp: 414084
Ion Ratio Lower Upper
107 100
144 25.2 20.4 30.6
142 78.6 62.2 93.2





#37

2-Methylnaphthalene

Concen: 51.122 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

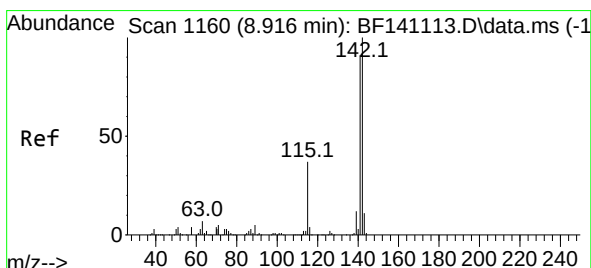
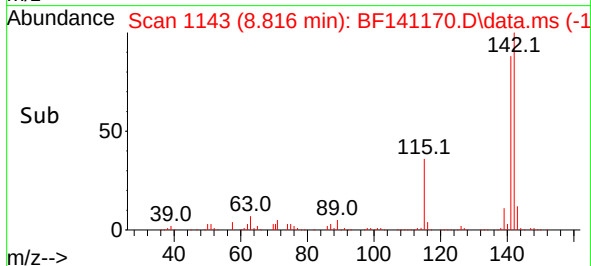
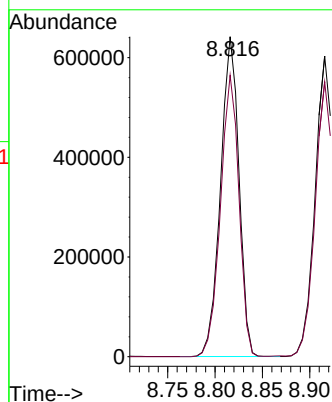
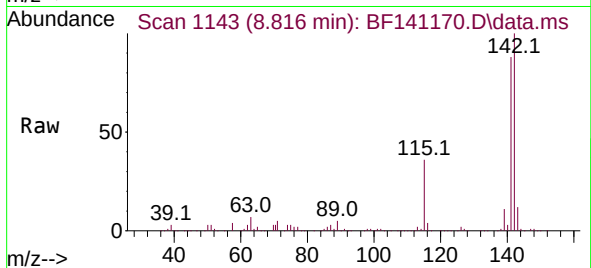
PB166052BS

Tgt Ion:142 Resp: 869857

Ion Ratio Lower Upper

142 100

141 87.9 71.3 106.9



#38

1-Methylnaphthalene

Concen: 48.144 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF141170.D

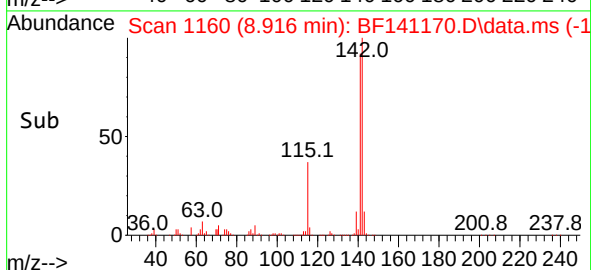
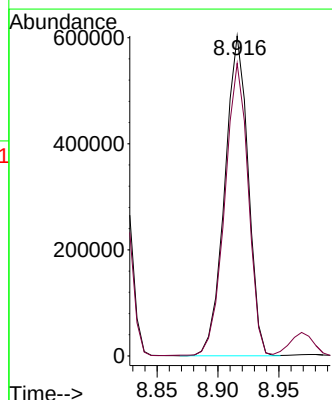
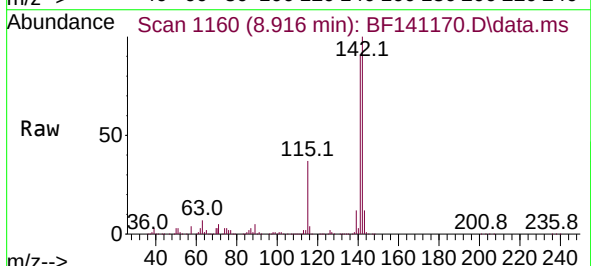
Acq: 15 Jan 2025 12:38

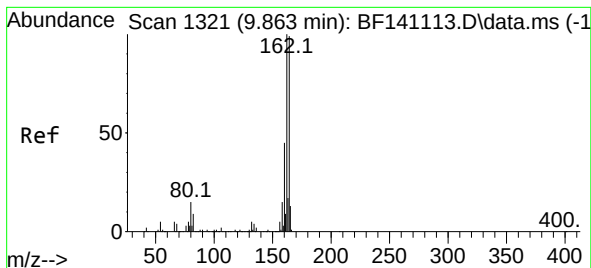
Tgt Ion:142 Resp: 807327

Ion Ratio Lower Upper

142 100

141 91.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.857 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

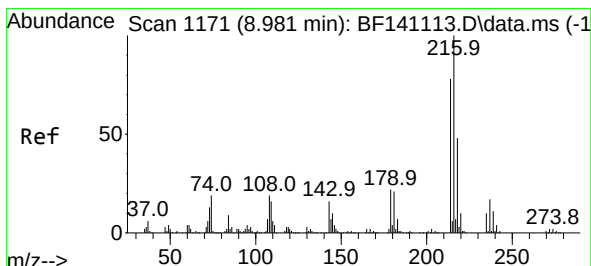
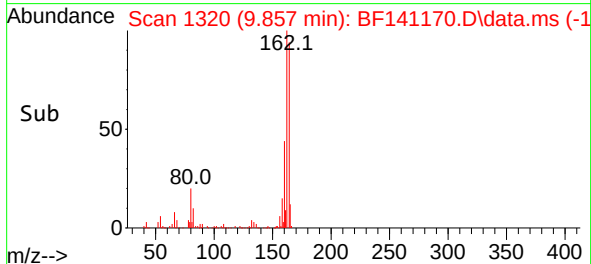
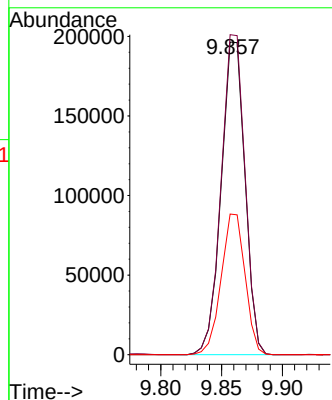
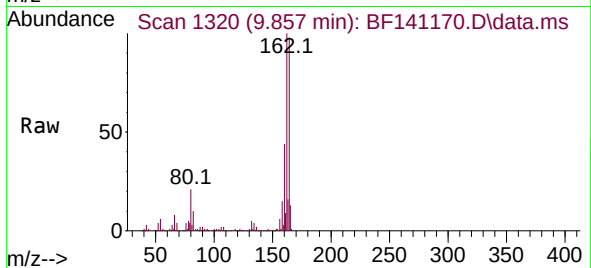
Tgt Ion:164 Resp: 267808

Ion Ratio Lower Upper

164 100

162 102.4 81.0 121.4

160 45.0 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 51.474 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Tgt Ion:216 Resp: 395660

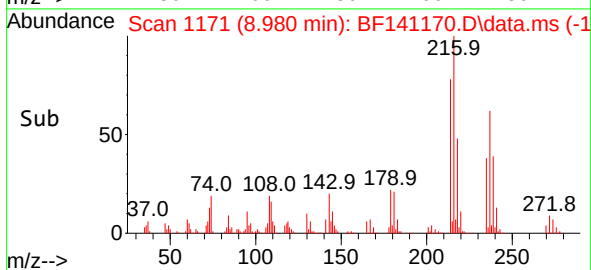
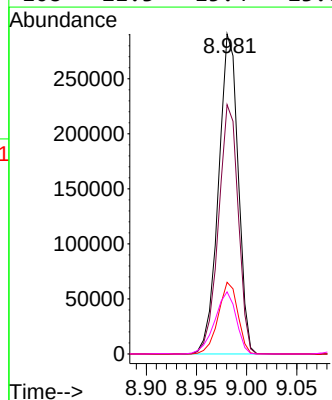
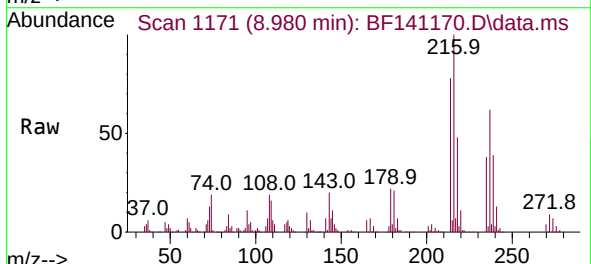
Ion Ratio Lower Upper

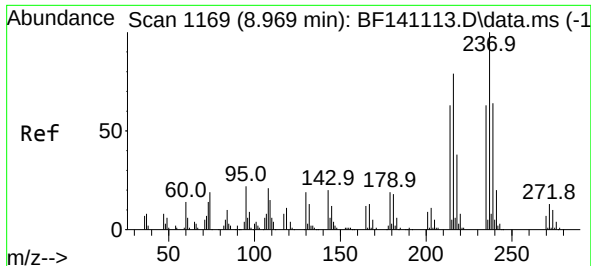
216 100

214 78.1 62.6 94.0

179 22.2 17.7 26.5

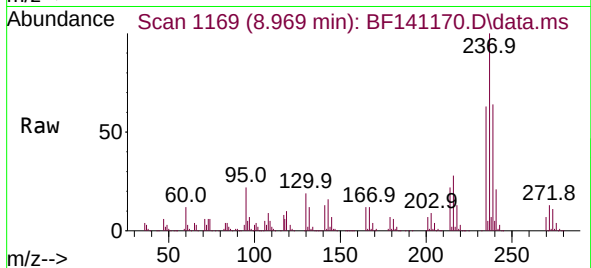
108 21.3 15.4 23.0



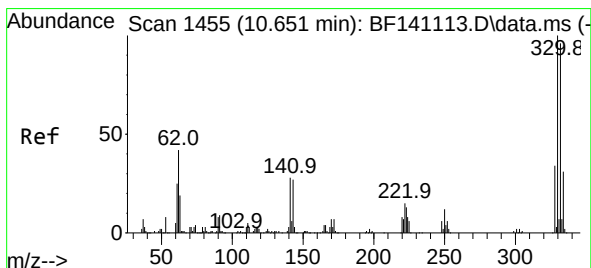
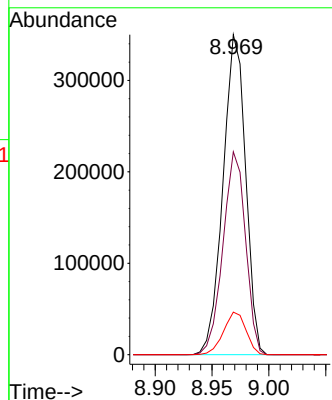
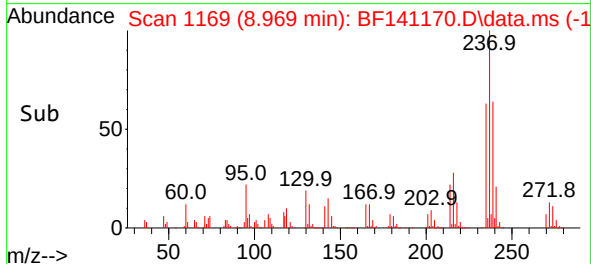


#41
Hexachlorocyclopentadiene
Concen: 192.892 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

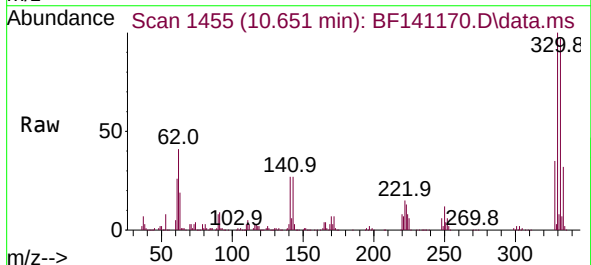
Instrument :
BNA_F
ClientSampleId :
PB166052BS



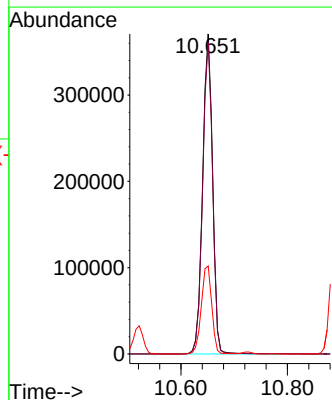
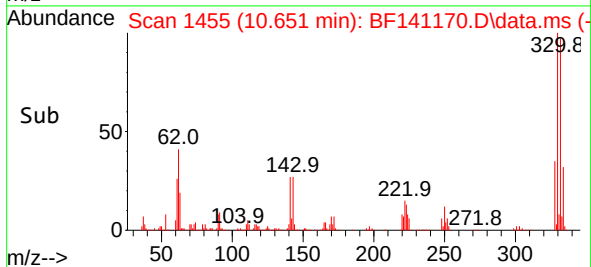
Tgt Ion:237 Resp: 485084
Ion Ratio Lower Upper
237 100
235 63.4 43.0 83.0
272 13.3 0.0 33.0

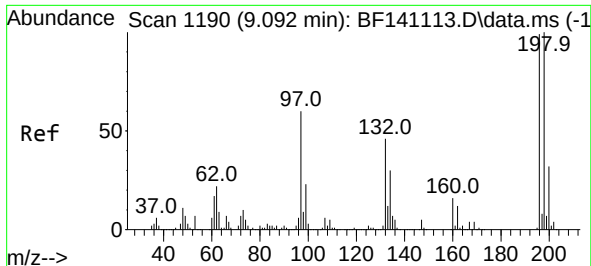


#42
2,4,6-Tribromophenol
Concen: 157.616 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38



Tgt Ion:330 Resp: 480965
Ion Ratio Lower Upper
330 100
332 96.9 76.9 115.3
141 28.8 25.2 37.8

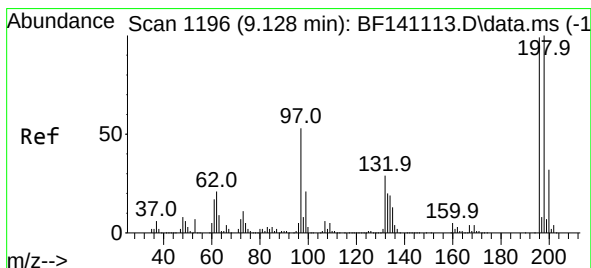
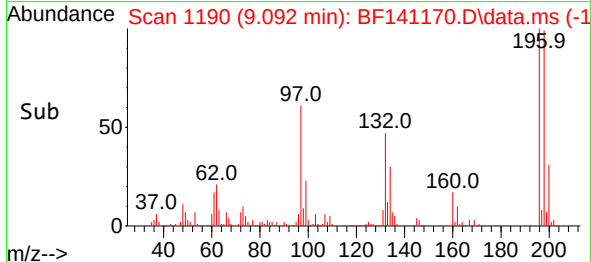
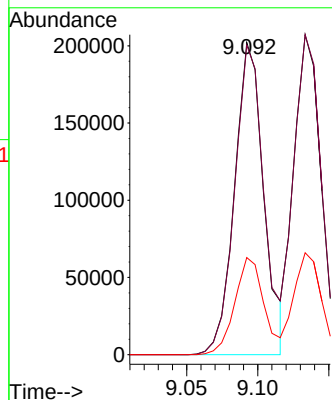
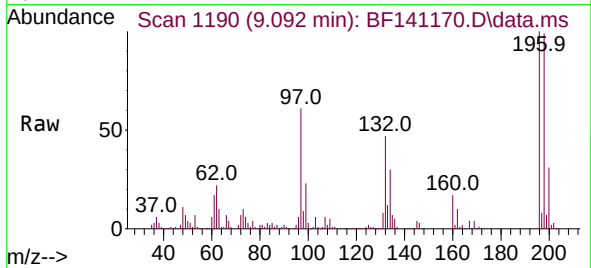




#43
2,4,6-Trichlorophenol
Concen: 55.558 ng
RT: 9.092 min Scan# 1190
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

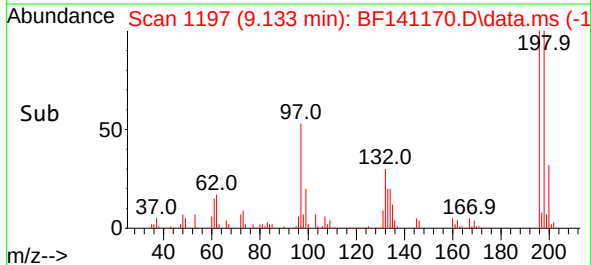
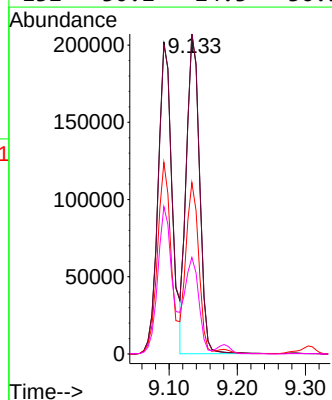
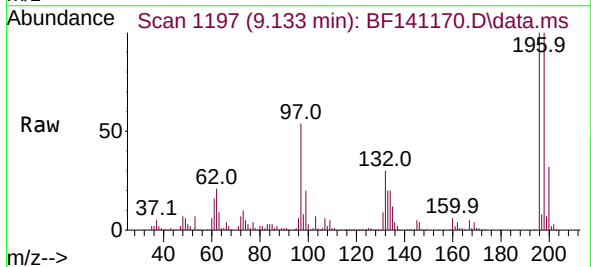
Instrument :
BNA_F
ClientSampleId :
PB166052BS

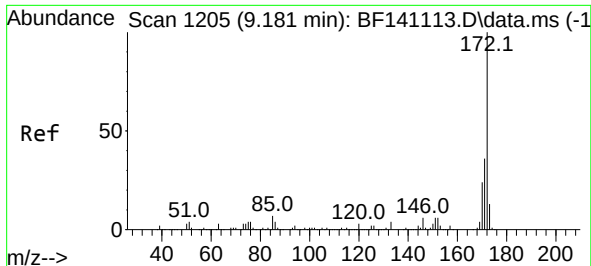
Tgt Ion:196 Resp: 288020
Ion Ratio Lower Upper
196 100
198 99.1 80.8 121.2
200 31.1 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 50.404 ng
RT: 9.133 min Scan# 1197
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:196 Resp: 275966
Ion Ratio Lower Upper
196 100
198 100.0 80.6 120.8
97 53.5 43.1 64.7
132 30.2 24.3 36.5

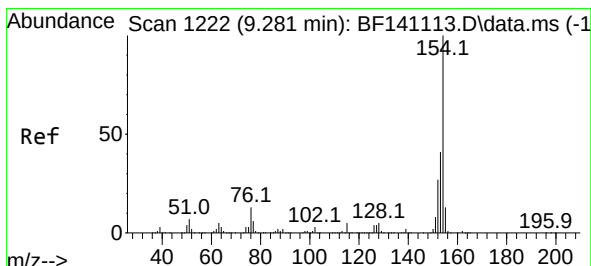
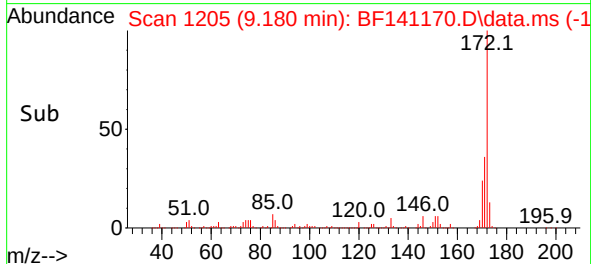
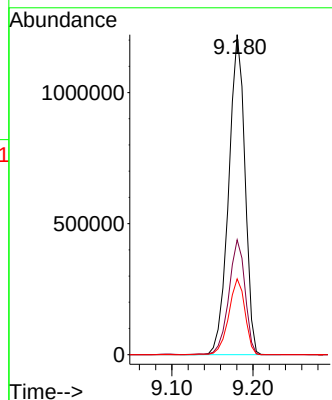
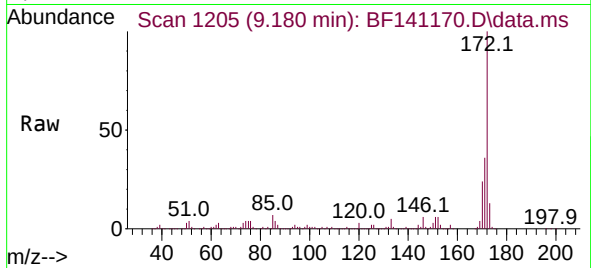




#45
2-Fluorobiphenyl
Concen: 96.814 ng
RT: 9.180 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

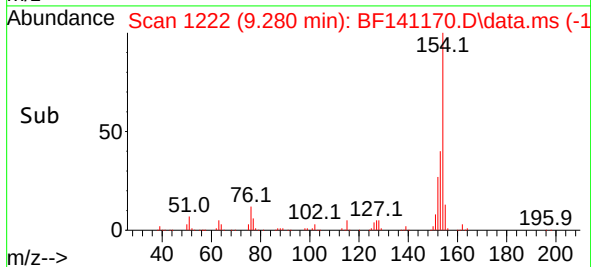
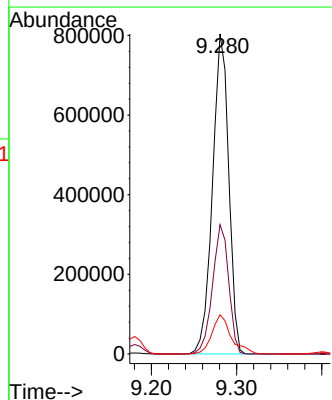
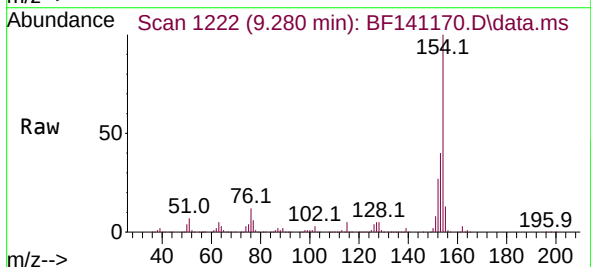
Instrument :
BNA_F
ClientSampleId :
PB166052BS

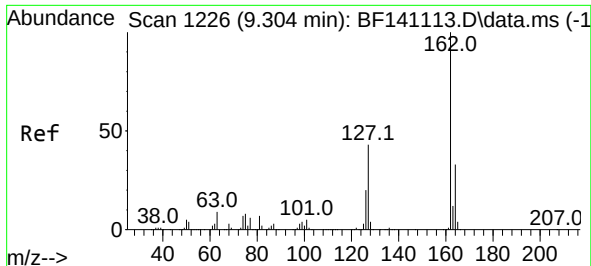
Tgt Ion:172 Resp: 1697898
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 51.183 ng
RT: 9.280 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:154 Resp: 1064513
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 12.3 0.0 33.1

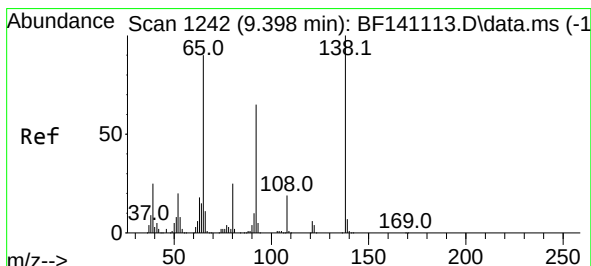
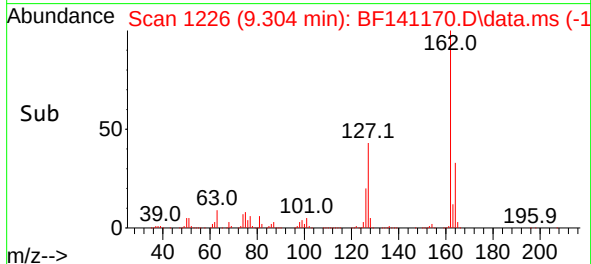
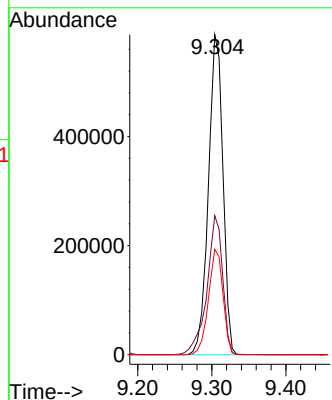
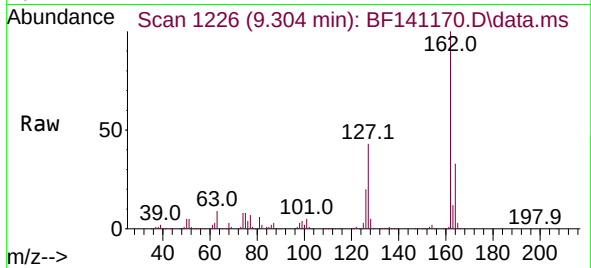




#47
2-Chloronaphthalene
Concen: 49.219 ng
RT: 9.304 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

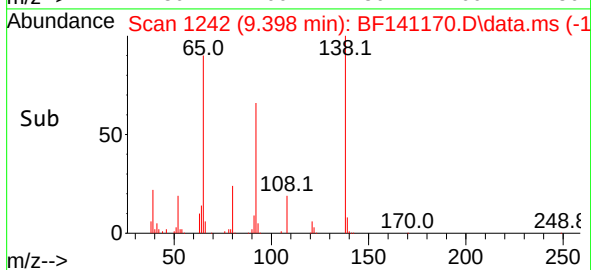
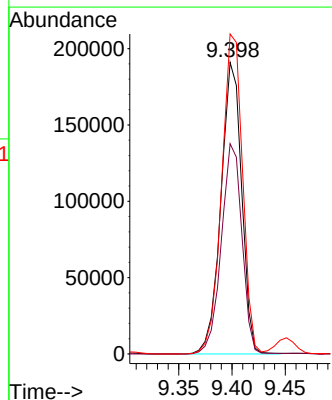
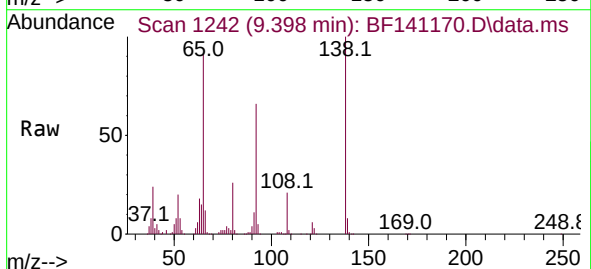
Instrument :
BNA_F
ClientSampleId :
PB166052BS

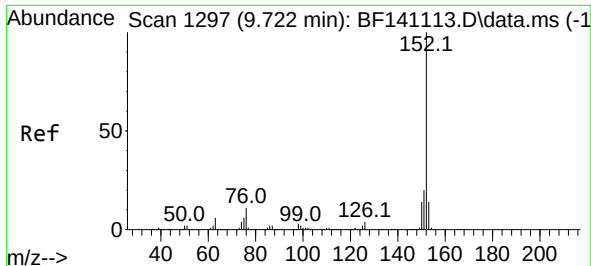
Tgt Ion:162 Resp: 797294
Ion Ratio Lower Upper
162 100
127 43.5 34.6 51.8
164 32.9 26.5 39.7



#48
2-Nitroaniline
Concen: 53.581 ng
RT: 9.398 min Scan# 1242
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion: 65 Resp: 257290
Ion Ratio Lower Upper
65 100
92 72.1 58.3 87.5
138 109.8 89.1 133.7





#49

Acenaphthylene

Concen: 54.634 ng

RT: 9.722 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

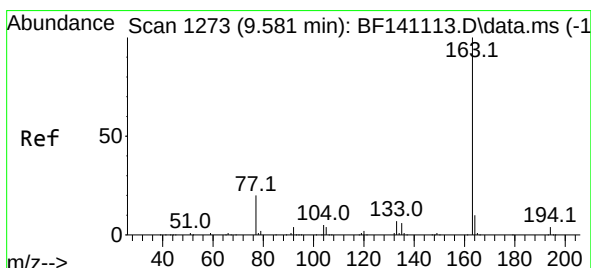
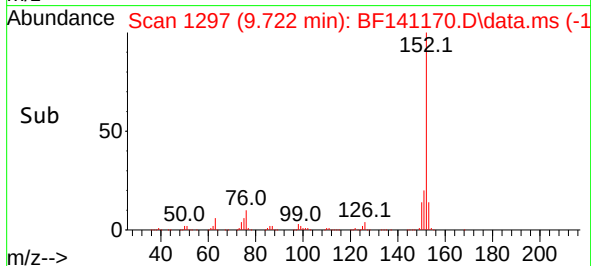
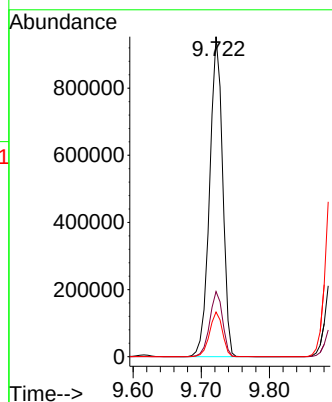
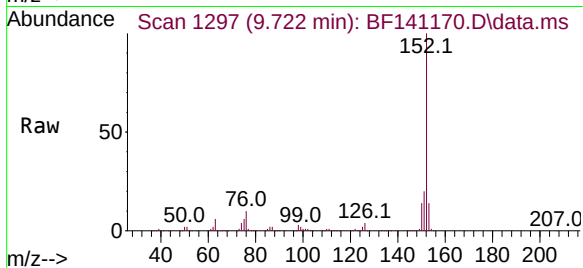
Tgt Ion:152 Resp: 1264438

Ion Ratio Lower Upper

152 100

151 20.3 16.1 24.1

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 51.323 ng

RT: 9.586 min Scan# 1274

Delta R.T. 0.006 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

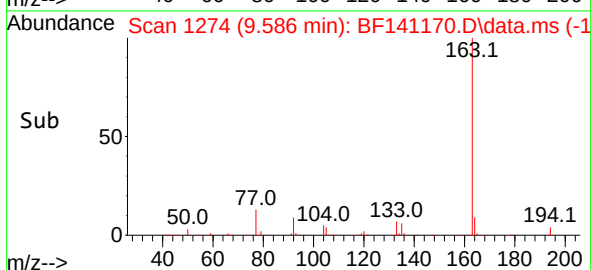
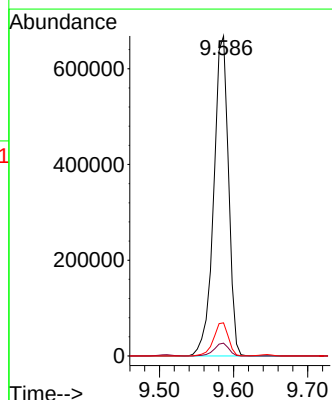
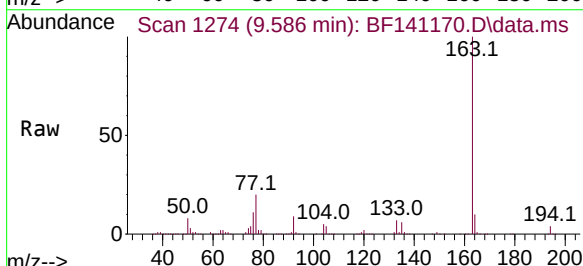
Tgt Ion:163 Resp: 922734

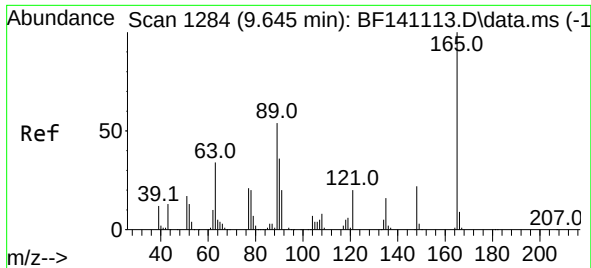
Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.4 8.2 12.4

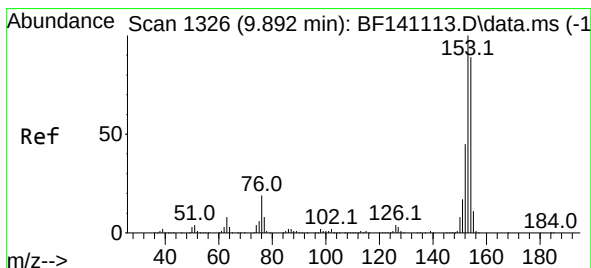
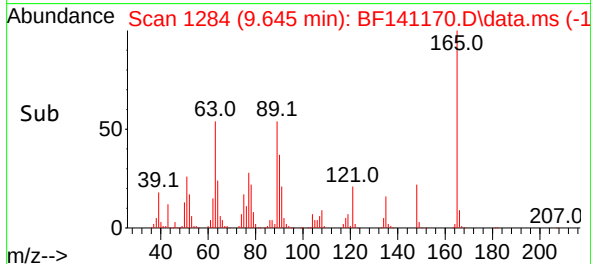
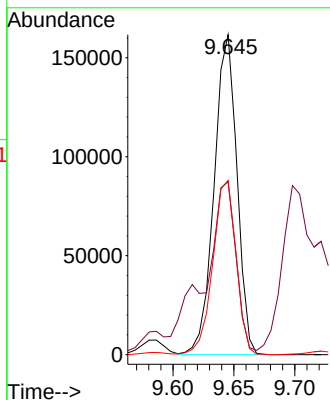
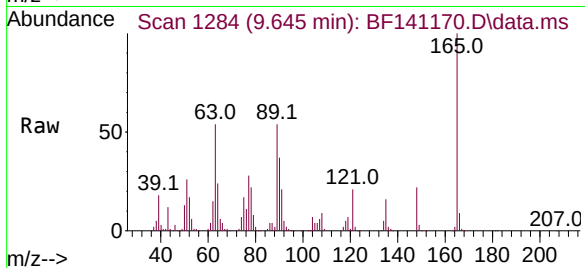




#51
2,6-Dinitrotoluene
Concen: 50.437 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

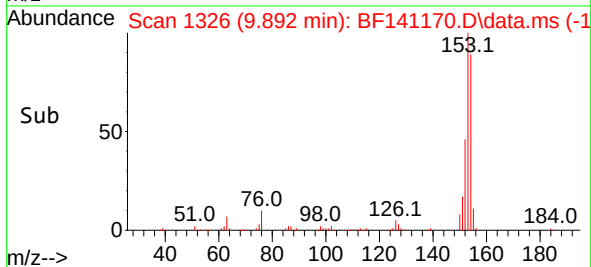
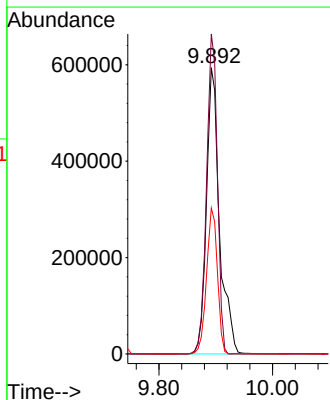
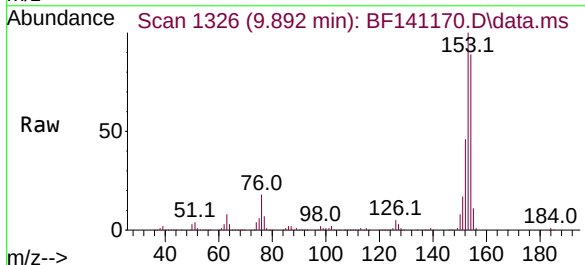
Instrument :
BNA_F
ClientSampleId :
PB166052BS

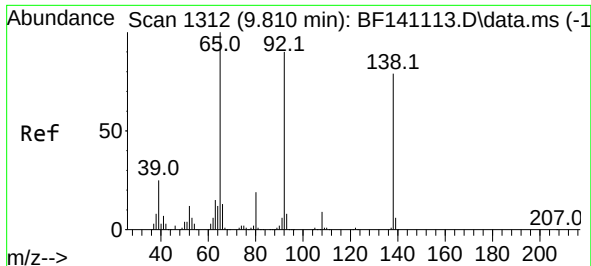
Tgt Ion:165 Resp: 210873
Ion Ratio Lower Upper
165 100
63 54.1 42.3 63.5
89 54.4 43.1 64.7



#52
Acenaphthene
Concen: 58.422 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:154 Resp: 944636
Ion Ratio Lower Upper
154 100
153 111.8 89.8 134.6
152 51.0 40.8 61.2

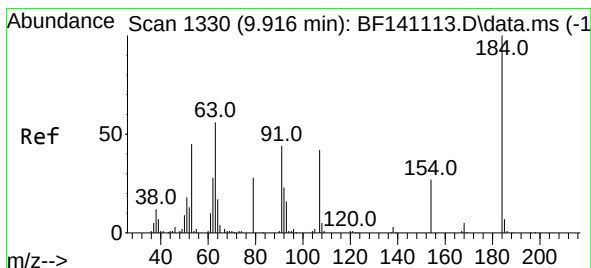
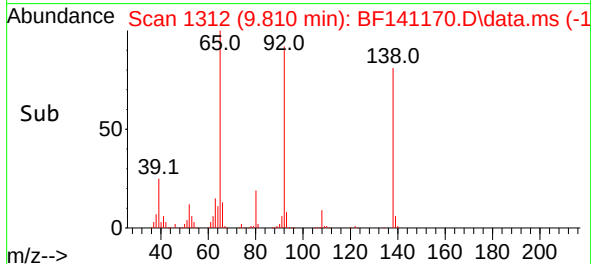
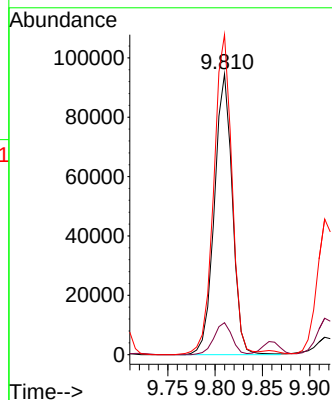
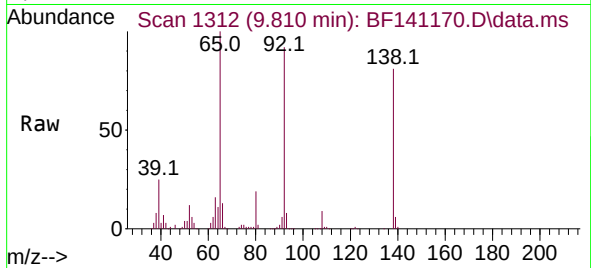




#53
3-Nitroaniline
Concen: 29.333 ng
RT: 9.810 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

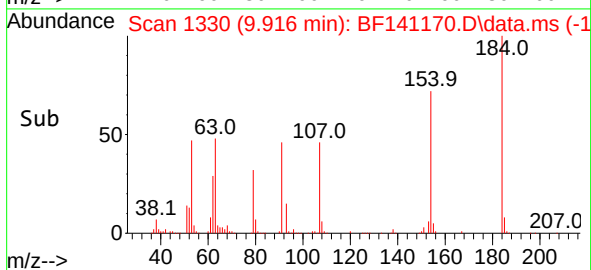
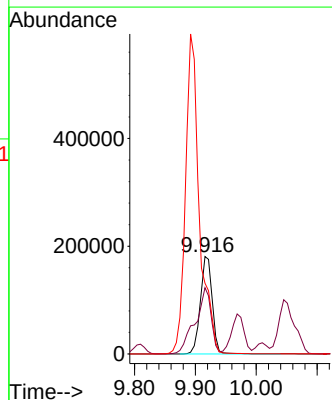
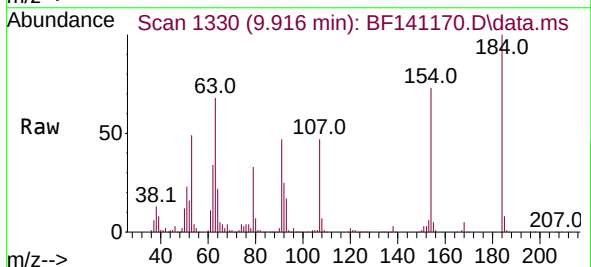
Instrument :
BNA_F
ClientSampleId :
PB166052BS

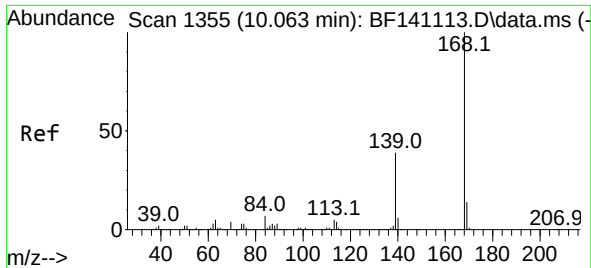
Tgt Ion:138 Resp: 124626
Ion Ratio Lower Upper
138 100
108 11.4 8.8 13.2
92 114.0 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 123.301 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:184 Resp: 245034
Ion Ratio Lower Upper
184 100
63 67.9 48.7 73.1
154 72.5 57.1 85.7

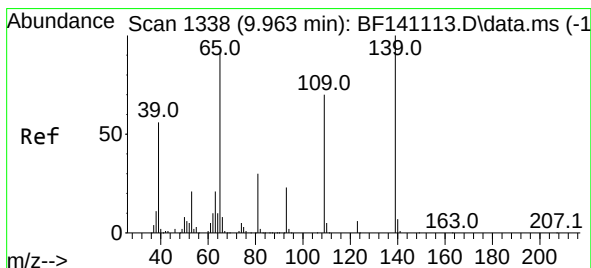
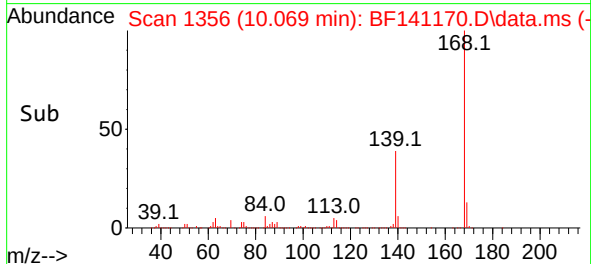
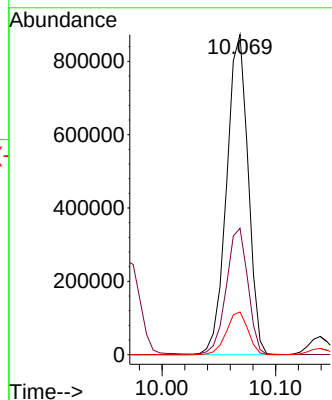
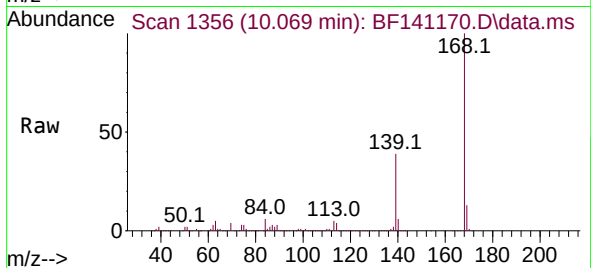




#55
Dibenzenofuran
Concen: 52.161 ng
RT: 10.069 min Scan# 1355
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

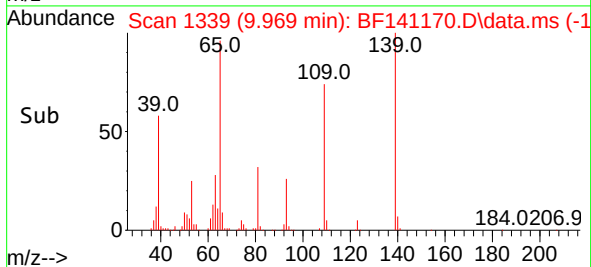
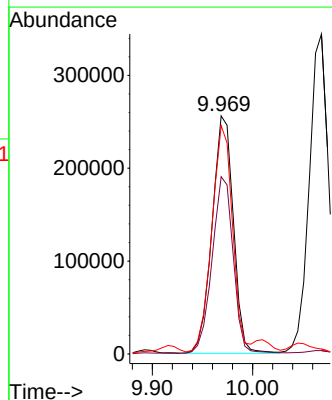
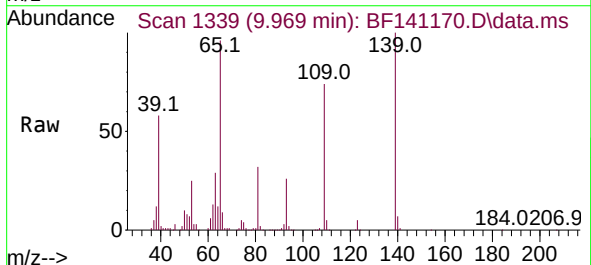
Instrument :
BNA_F
ClientSampleId :
PB166052BS

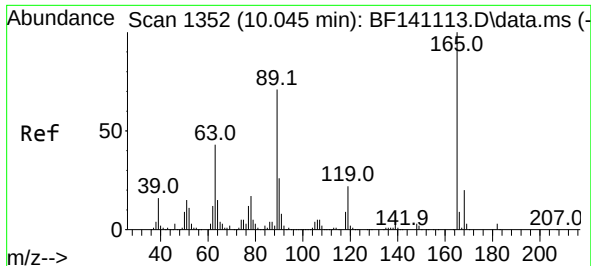
Tgt Ion:168 Resp: 1147203
Ion Ratio Lower Upper
168 100
139 39.5 31.4 47.0
169 13.3 10.9 16.3



#56
4-Nitrophenol
Concen: 113.219 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:139 Resp: 376730
Ion Ratio Lower Upper
139 100
109 74.5 50.2 90.2
65 95.9 72.1 112.1

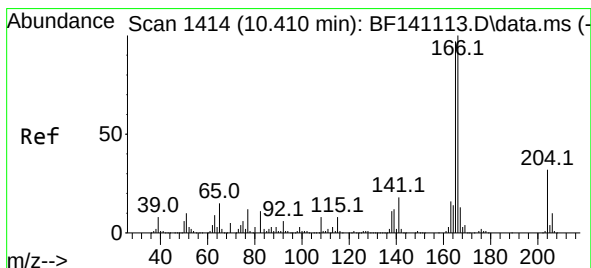
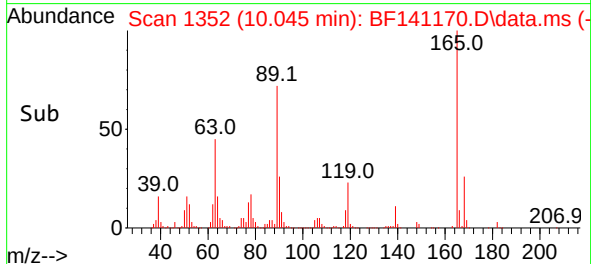
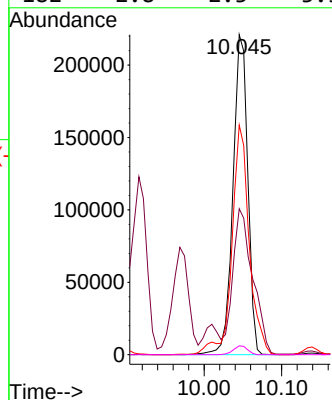
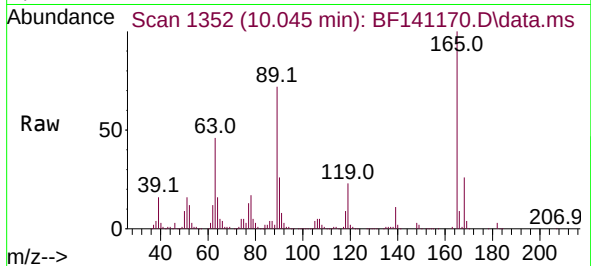




#57
2,4-Dinitrotoluene
Concen: 54.651 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

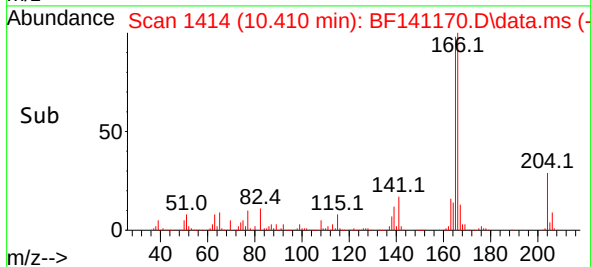
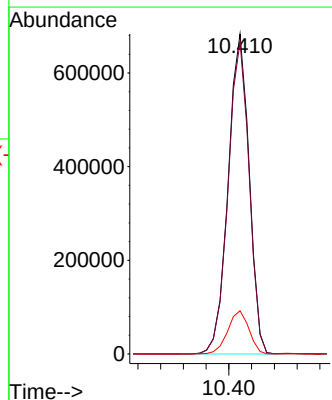
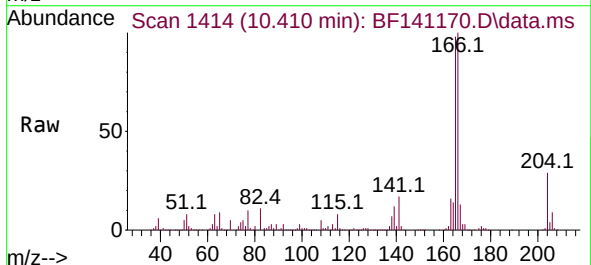
Instrument :
BNA_F
ClientSampleId :
PB166052BS

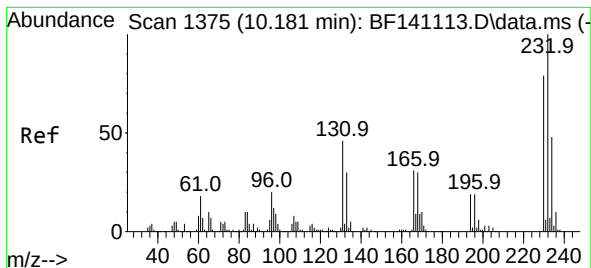
Tgt Ion:165 Resp: 294468
Ion Ratio Lower Upper
165 100
63 45.6 35.0 52.4
89 71.8 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 51.320 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:166 Resp: 876890
Ion Ratio Lower Upper
166 100
165 97.5 77.8 116.8
167 13.5 10.8 16.2



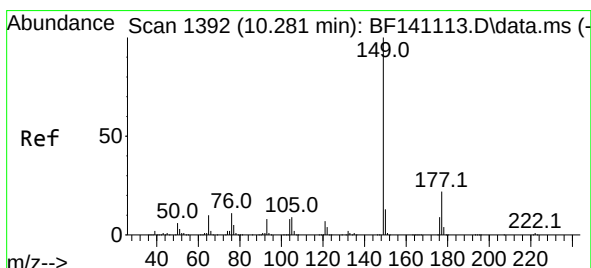
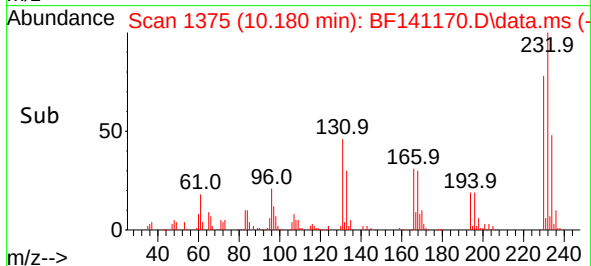
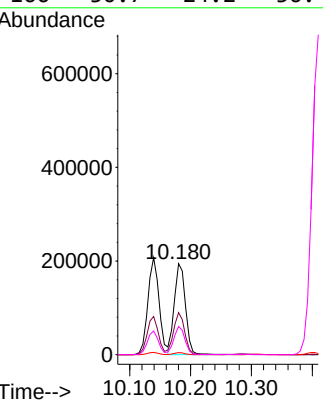
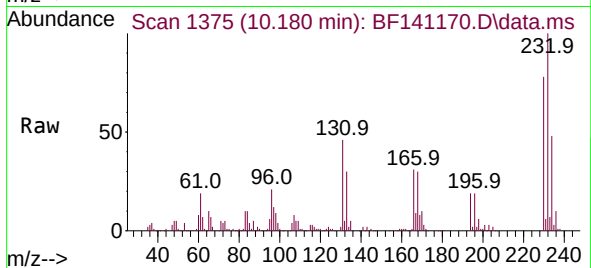


#59
2,3,4,6-Tetrachlorophenol
Concen: 54.419 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Instrument :
BNA_F
ClientSampleId :
PB166052BS

Tgt Ion:232 Resp: 247659

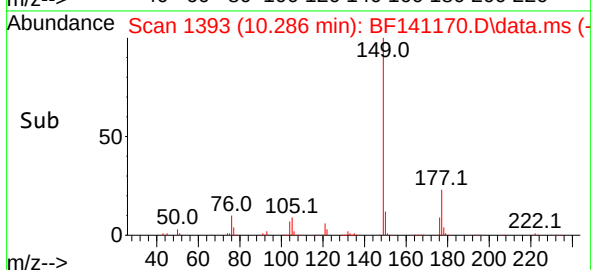
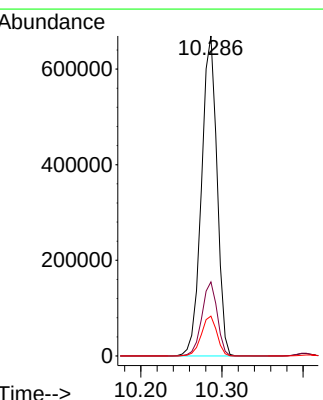
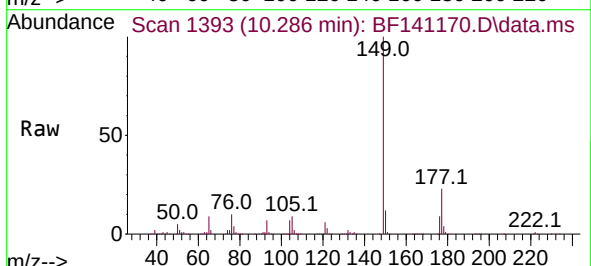
Ion	Ratio	Lower	Upper
232	100		
131	46.4	36.2	54.4
130	2.3	2.0	3.0
166	30.7	24.2	36.4

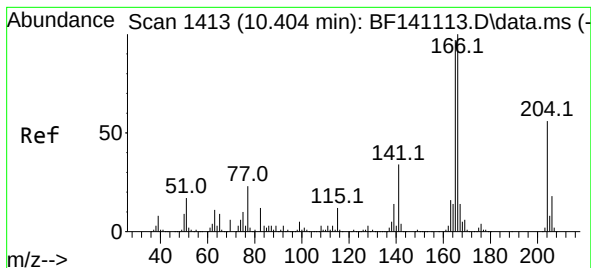


#60
Diethylphthalate
Concen: 50.565 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:149 Resp: 887513

Ion	Ratio	Lower	Upper
149	100		
177	23.2	17.9	26.9
150	12.5	10.2	15.2

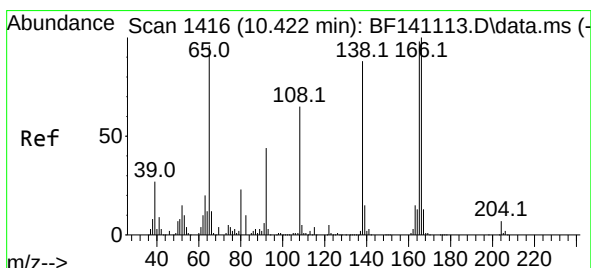
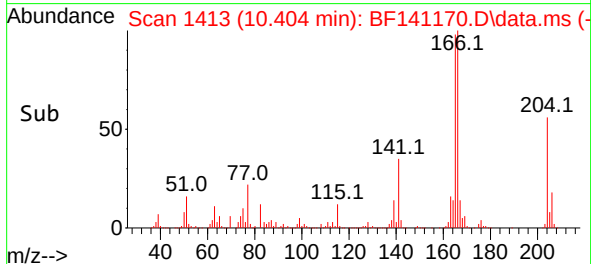
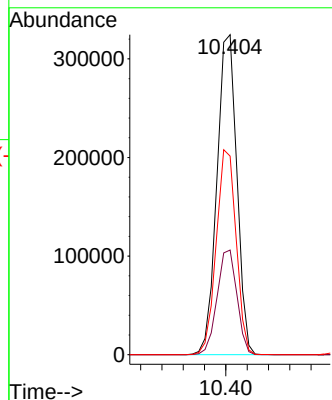
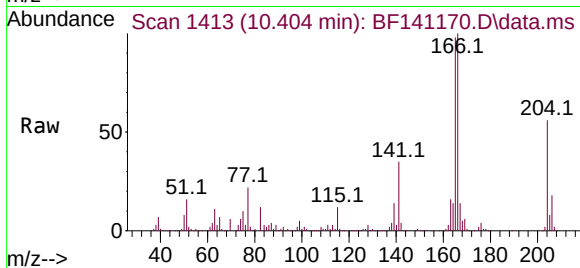




#61
4-Chlorophenyl-phenylether
Concen: 50.538 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

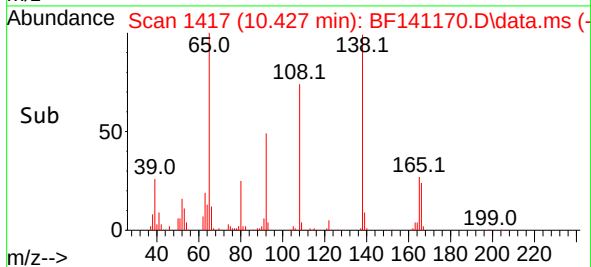
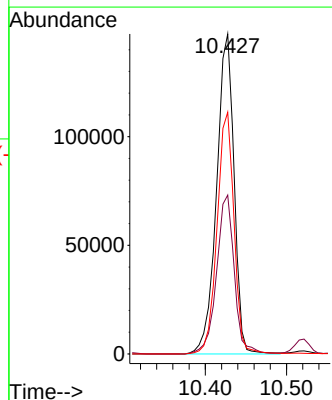
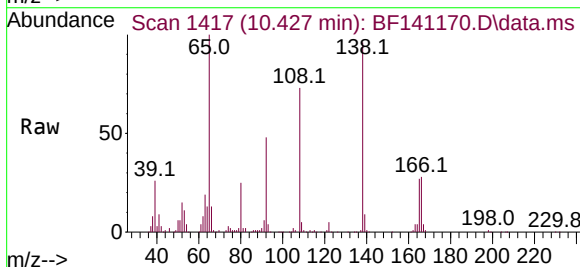
Instrument :
BNA_F
ClientSampleId :
PB166052BS

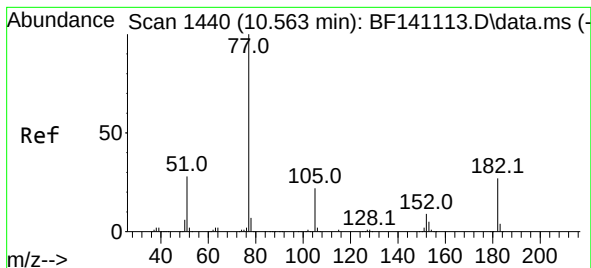
Tgt Ion:204 Resp: 420869
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 62.0 49.1 73.7



#62
4-Nitroaniline
Concen: 53.066 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:138 Resp: 220671
Ion Ratio Lower Upper
138 100
92 49.6 29.4 69.4
108 75.5 53.7 93.7





#63

Azobenzene

Concen: 50.433 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

Tgt Ion: 77 Resp: 873462

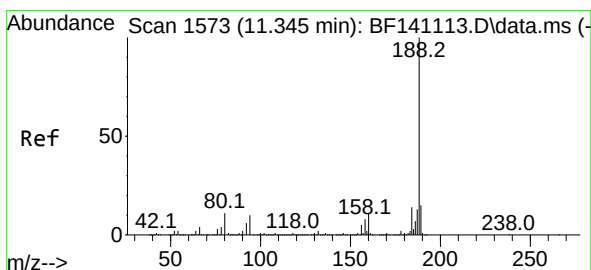
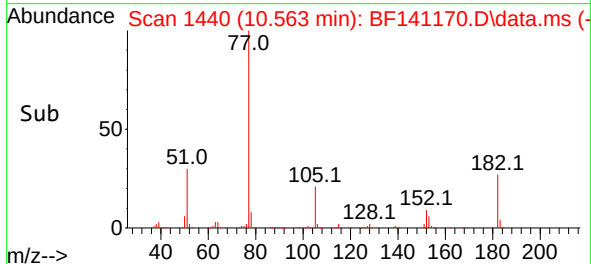
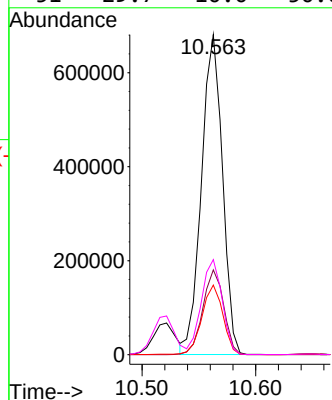
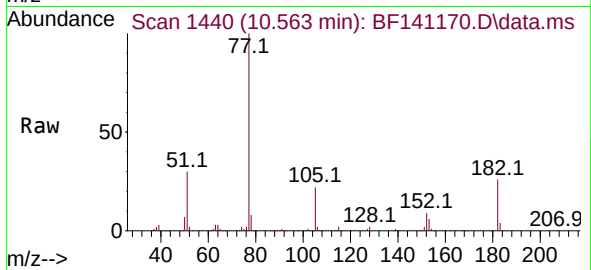
Ion Ratio Lower Upper

77 100

182 26.5 6.1 46.1

105 21.7 2.1 42.1

51 29.7 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

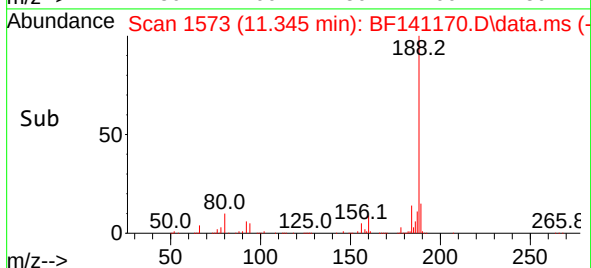
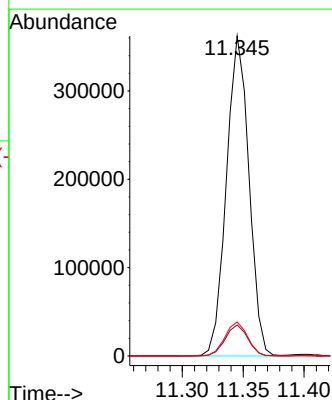
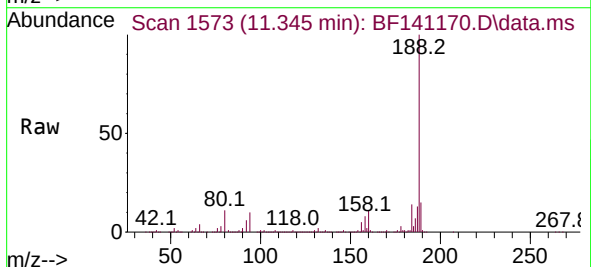
Tgt Ion: 188 Resp: 466174

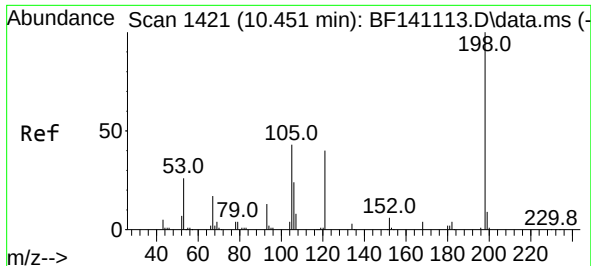
Ion Ratio Lower Upper

188 100

94 9.7 8.3 12.5

80 10.6 9.0 13.4

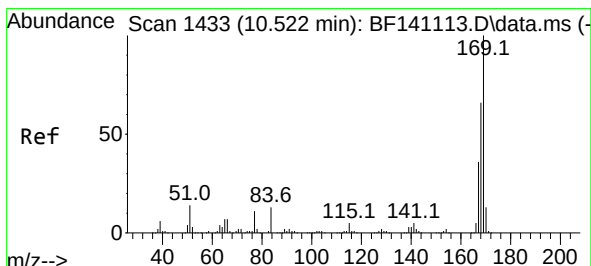
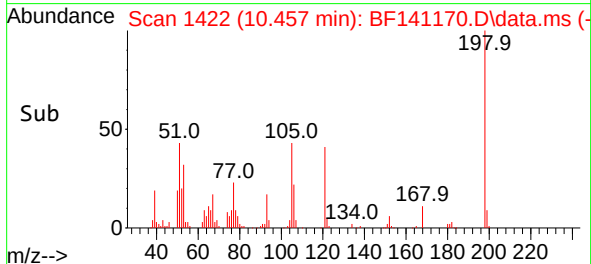
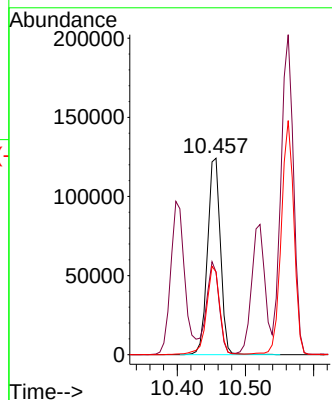
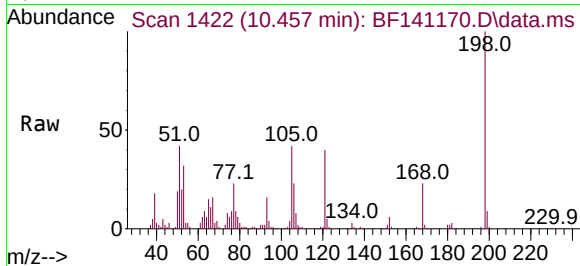




#65
4,6-Dinitro-2-methylphenol
Concen: 60.660 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

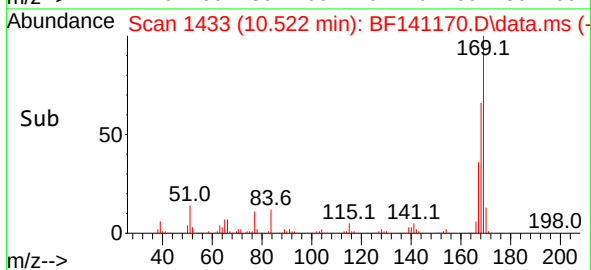
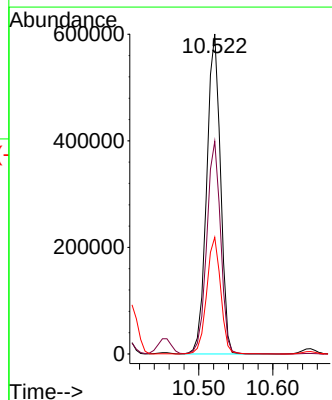
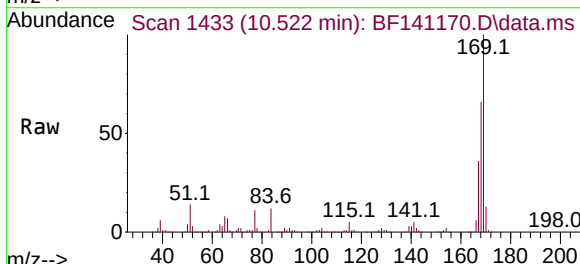
Instrument :
BNA_F
ClientSampleId :
PB166052BS

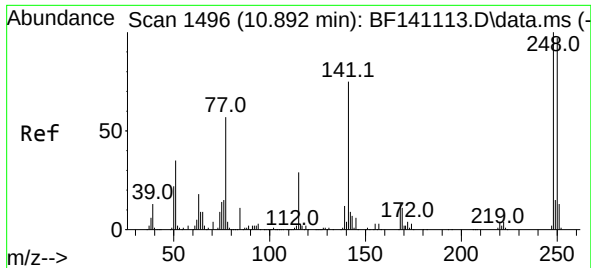
Tgt Ion:198 Resp: 163863
Ion Ratio Lower Upper
198 100
51 42.0 27.1 67.1
105 42.1 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 51.612 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:169 Resp: 776049
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.4 28.9 43.3

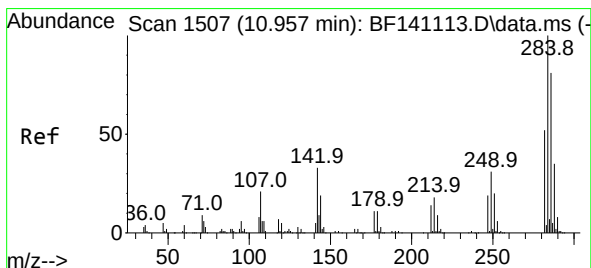
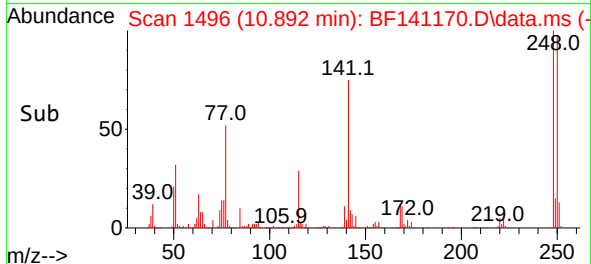
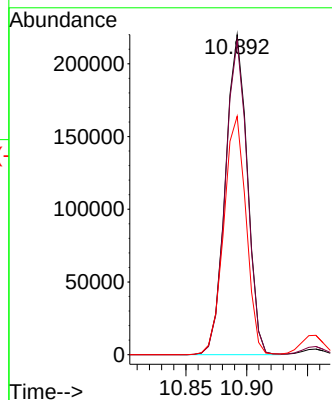
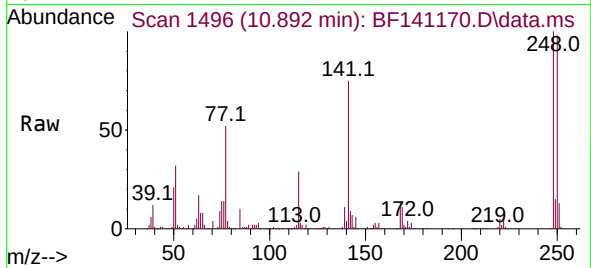




#67
4-Bromophenyl-phenylether
Concen: 51.381 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

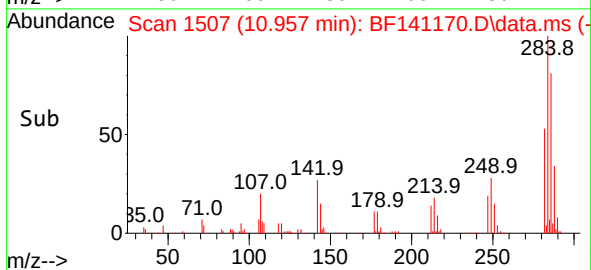
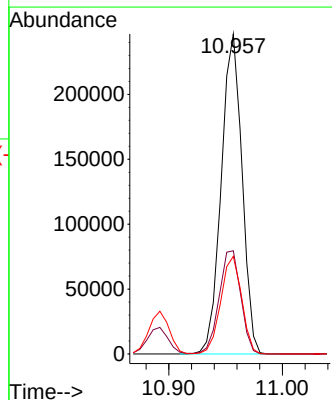
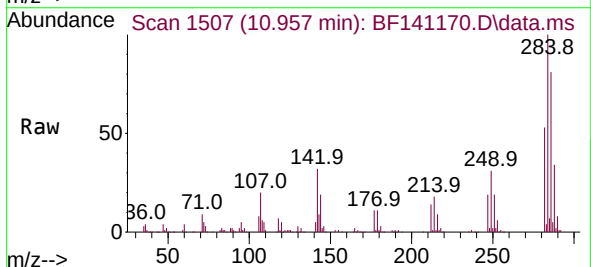
Instrument :
BNA_F
ClientSampleId :
PB166052BS

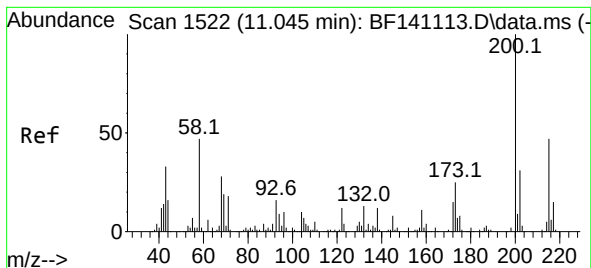
Tgt Ion:248 Resp: 275766
Ion Ratio Lower Upper
248 100
250 98.2 77.9 116.9
141 74.5 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.421 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:284 Resp: 313193
Ion Ratio Lower Upper
284 100
142 32.2 26.3 39.5
249 30.5 24.9 37.3





#69

Atrazine

Concen: 65.497 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

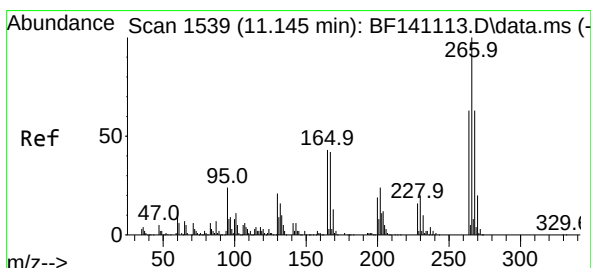
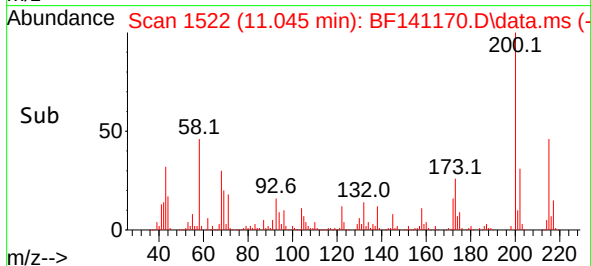
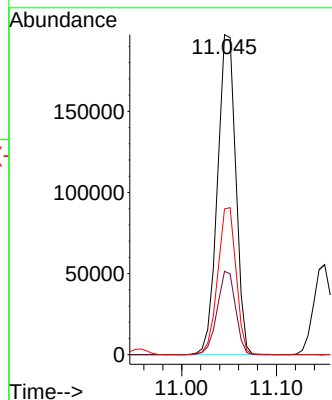
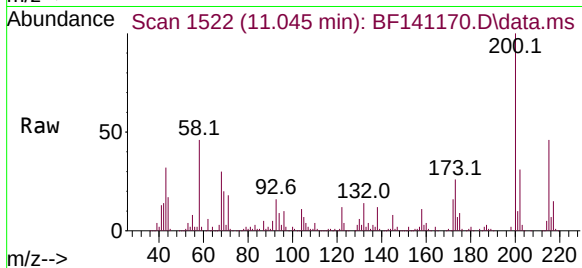
Tgt Ion:200 Resp: 265174

Ion Ratio Lower Upper

200 100

173 26.1 5.4 45.4

215 45.6 26.6 66.6



#70

Pentachlorophenol

Concen: 106.288 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

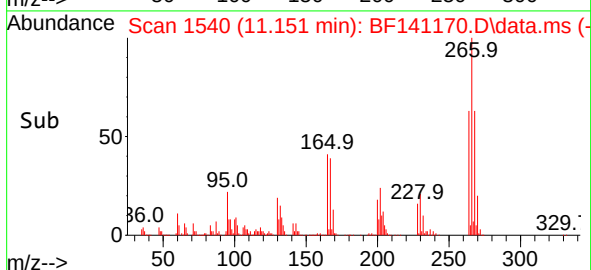
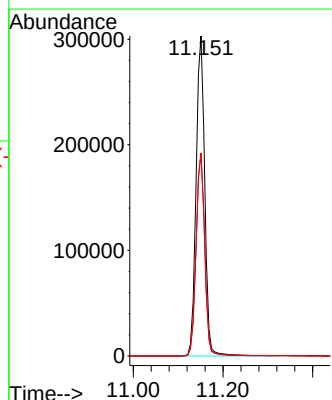
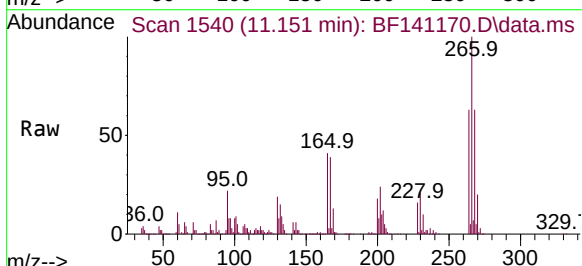
Tgt Ion:266 Resp: 406670

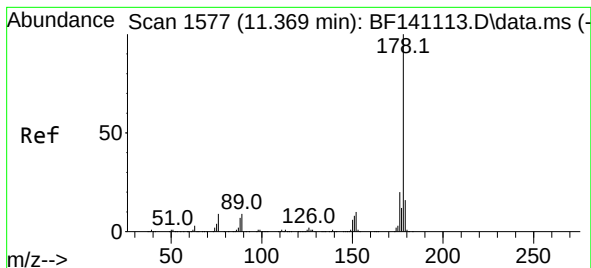
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 63.5 50.2 75.2





#71

Phenanthrene

Concen: 54.405 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

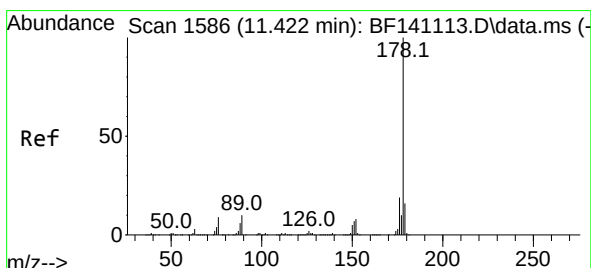
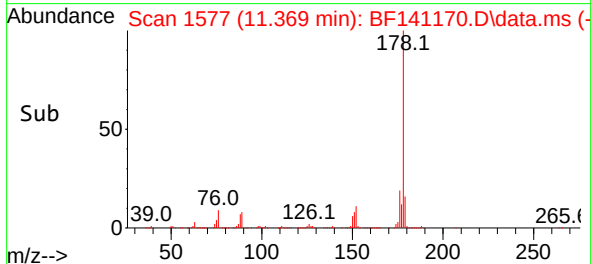
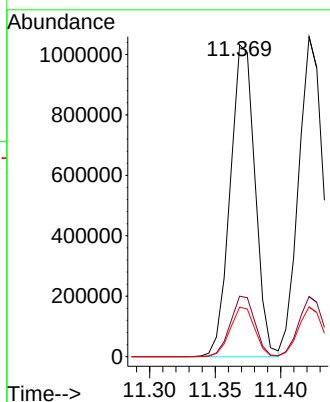
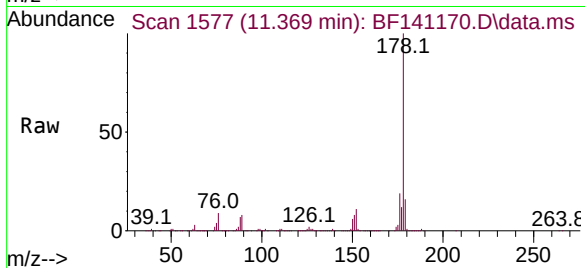
Tgt Ion:178 Resp: 1361624

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.9 12.6 19.0



#72

Anthracene

Concen: 56.128 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

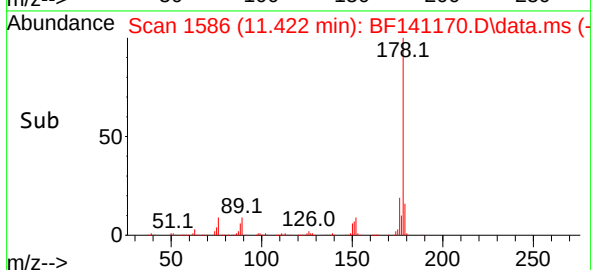
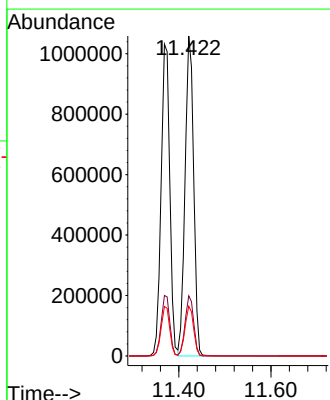
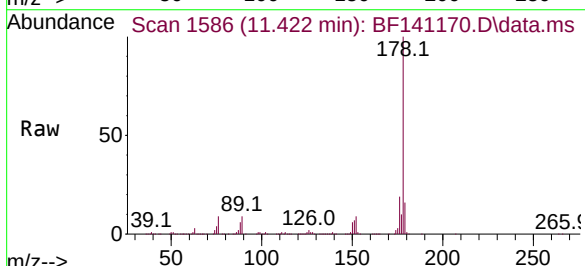
Tgt Ion:178 Resp: 1365888

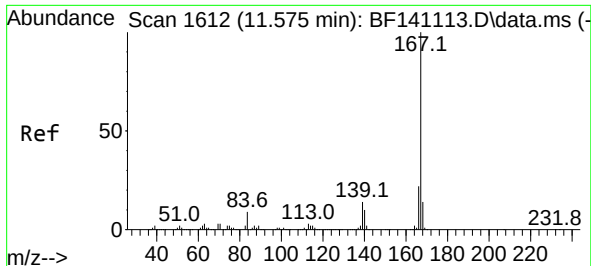
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.6 12.6 19.0

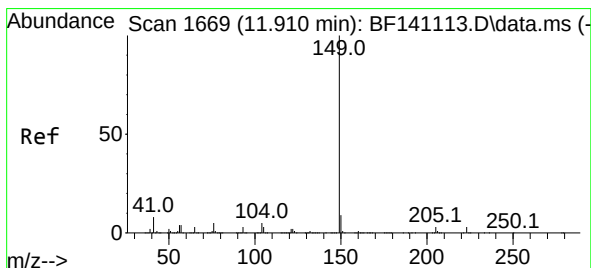
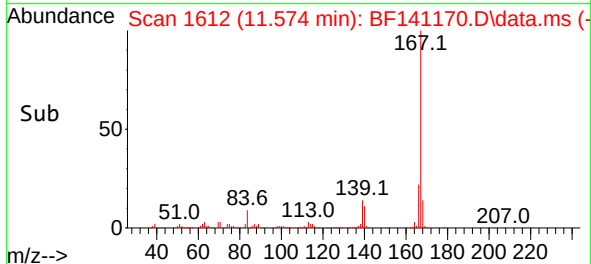
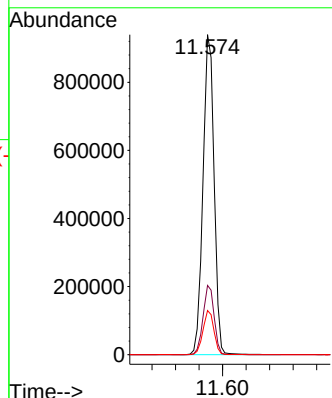
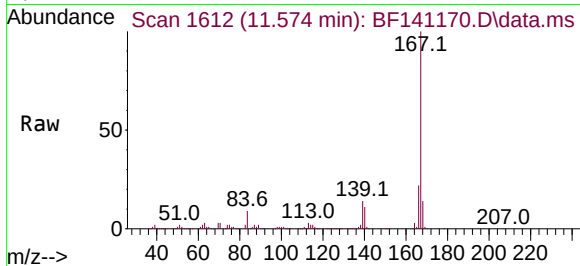




#73
 Carbazole
 Concen: 55.314 ng
 RT: 11.574 min Scan# 1612
 Delta R.T. -0.000 min
 Lab File: BF141170.D
 Acq: 15 Jan 2025 12:38

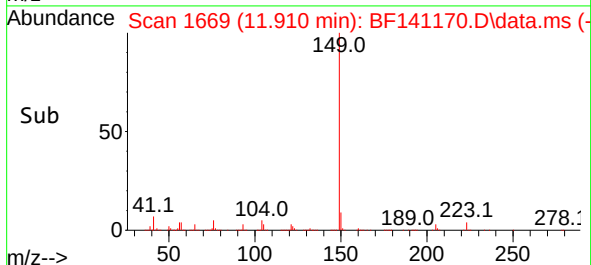
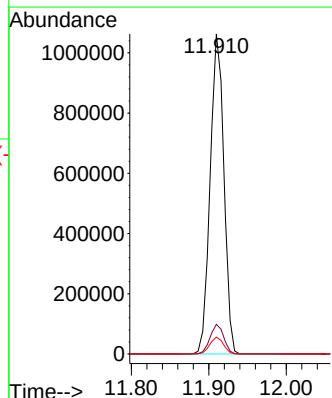
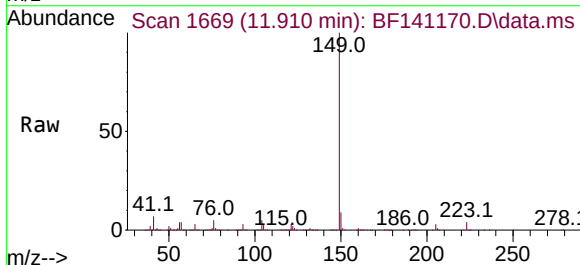
Instrument :
 BNA_F
 ClientSampleId :
 PB166052BS

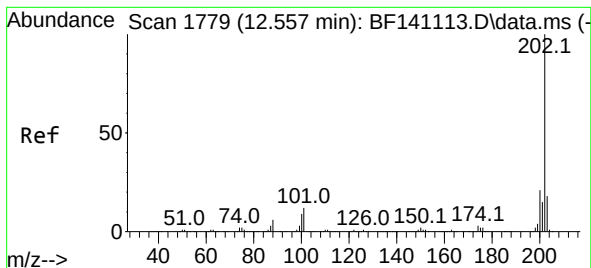
Tgt Ion:167 Resp: 1234264
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 51.192 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. -0.000 min
 Lab File: BF141170.D
 Acq: 15 Jan 2025 12:38

Tgt Ion:149 Resp: 1307256
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 57.247 ng

RT: 12.557 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

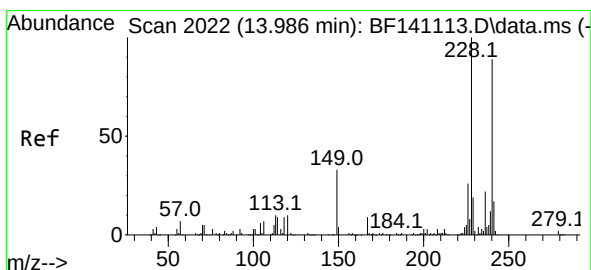
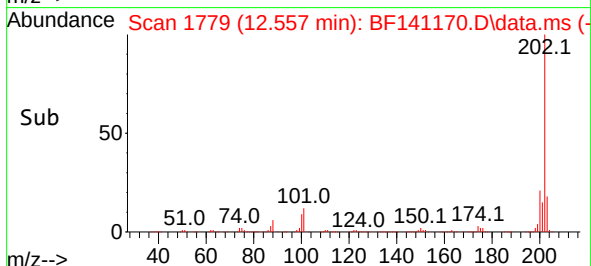
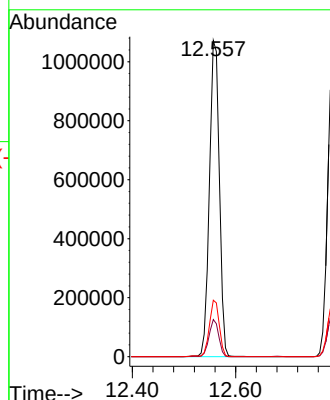
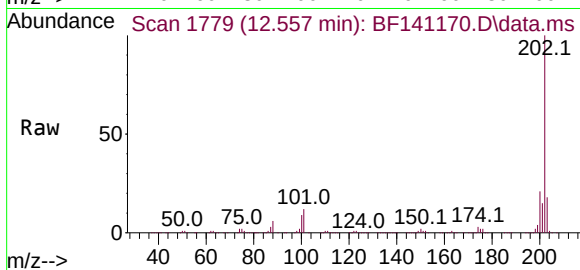
Tgt Ion:202 Resp: 1429737

Ion Ratio Lower Upper

202 100

101 11.7 0.0 32.3

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

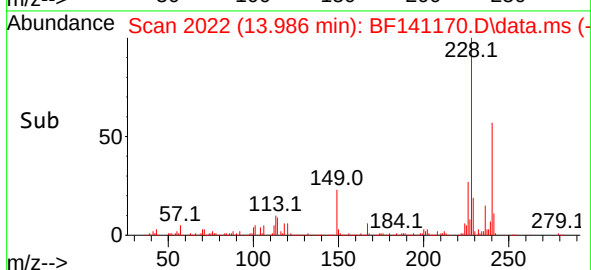
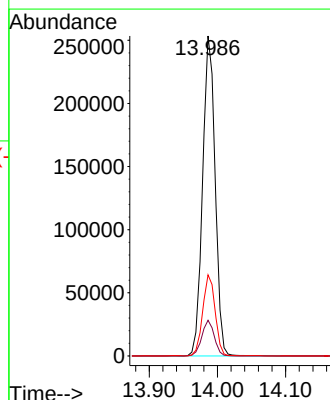
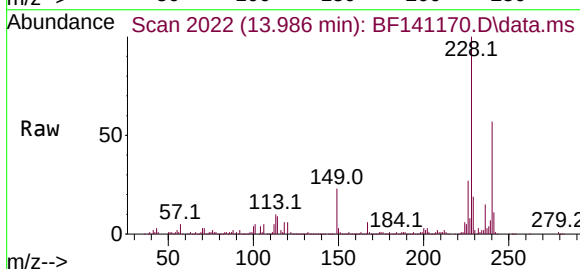
Tgt Ion:240 Resp: 323562

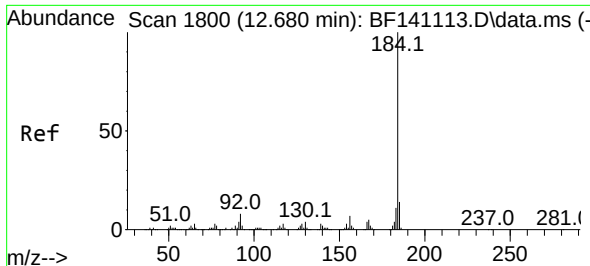
Ion Ratio Lower Upper

240 100

120 11.2 9.1 13.7

236 25.3 19.8 29.6

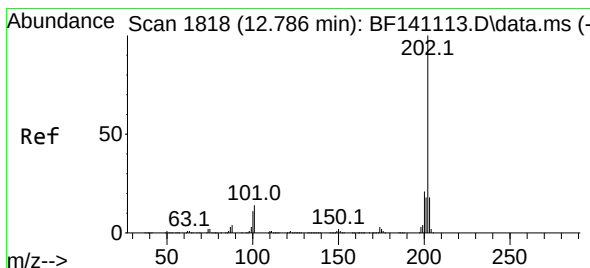
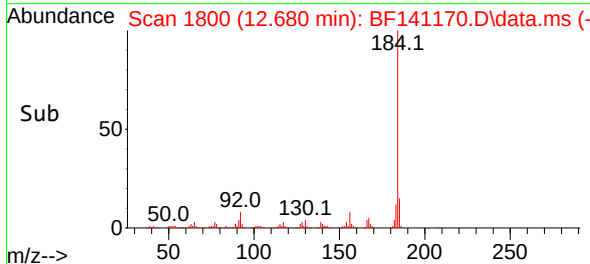
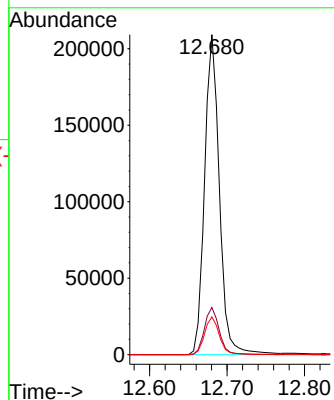
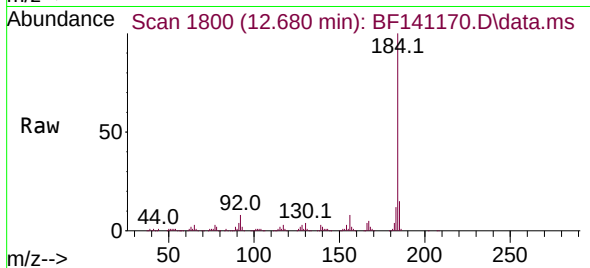




#77
Benzidine
Concen: 46.293 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

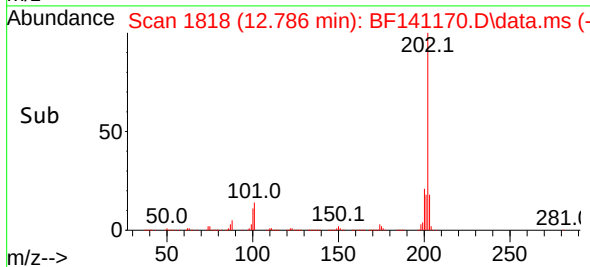
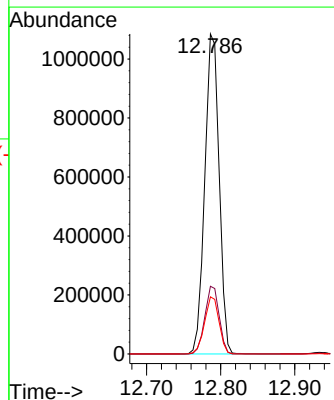
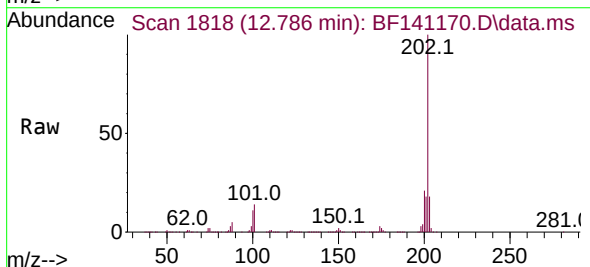
Instrument :
BNA_F
ClientSampleId :
PB166052BS

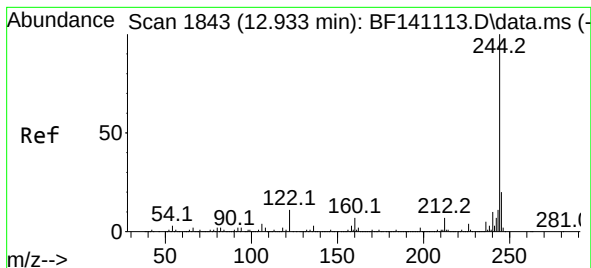
Tgt Ion:184 Resp: 277768
Ion Ratio Lower Upper
184 100
185 14.8 11.4 17.0
183 11.8 9.2 13.8



#78
Pyrene
Concen: 47.304 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:202 Resp: 1461903
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 93.229 ng

RT: 12.933 min Scan# 1843

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

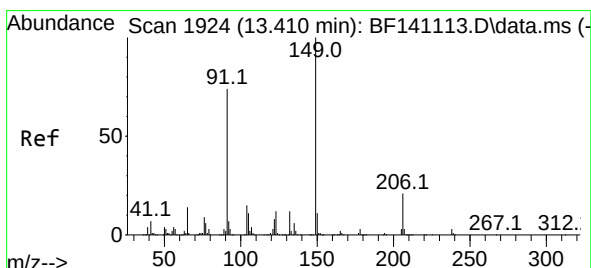
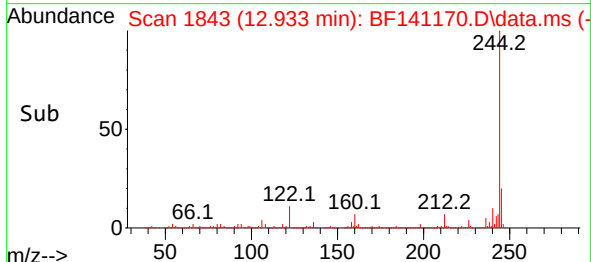
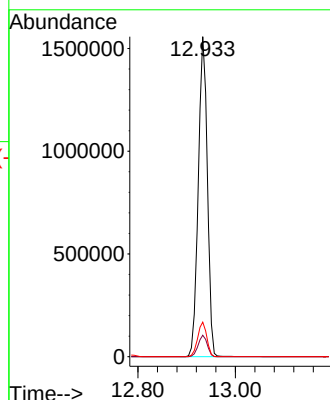
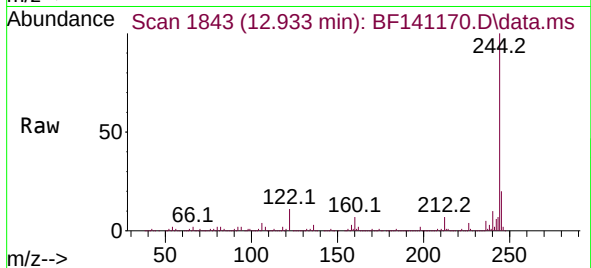
Tgt Ion:244 Resp: 2029563

Ion Ratio Lower Upper

244 100

212 6.7 5.4 8.2

122 10.8 8.8 13.2



#80

Butylbenzylphthalate

Concen: 51.779 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

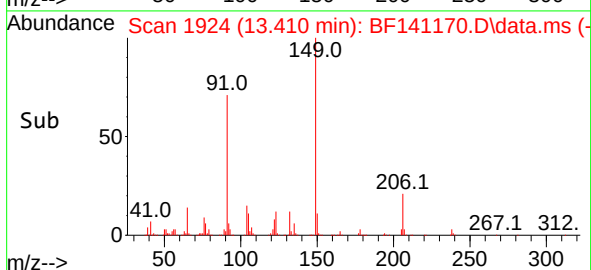
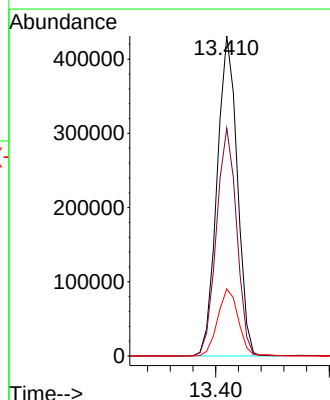
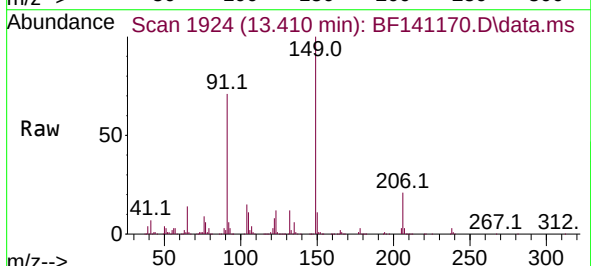
Tgt Ion:149 Resp: 533517

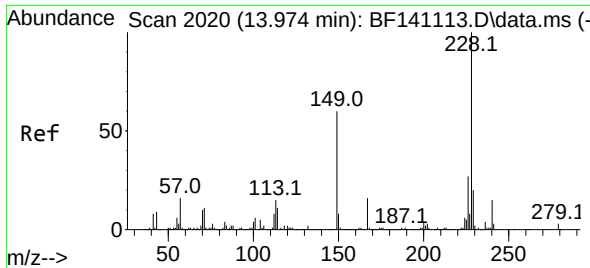
Ion Ratio Lower Upper

149 100

91 71.2 59.0 88.6

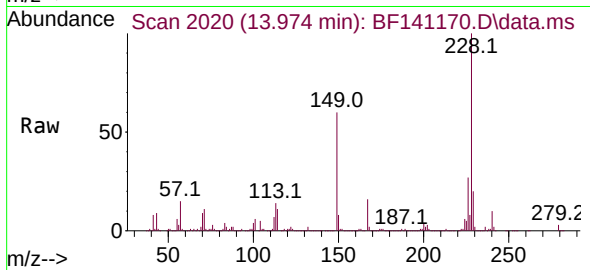
206 20.9 16.5 24.7



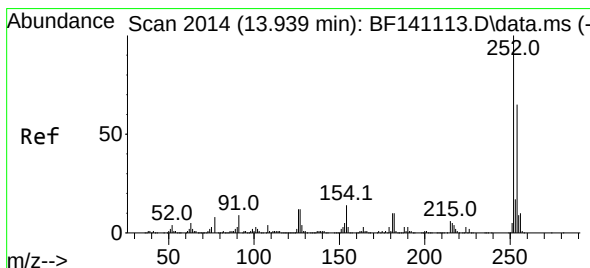
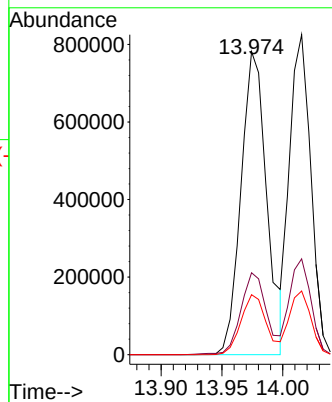
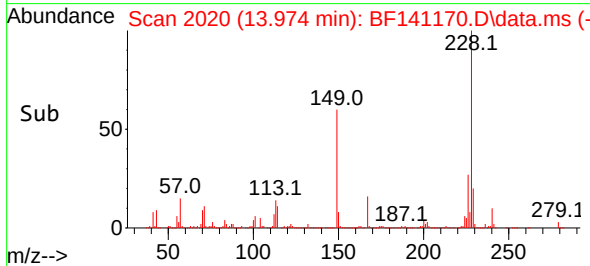


#81
Benzo(a)anthracene
Concen: 52.347 ng
RT: 13.974 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

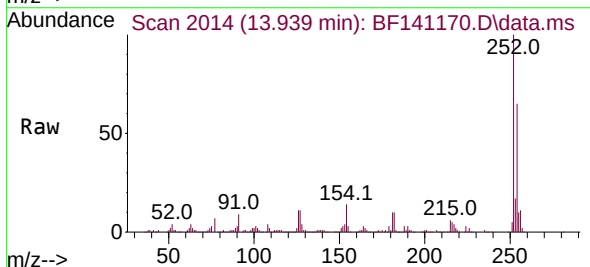
Instrument :
BNA_F
ClientSampleId :
PB166052BS



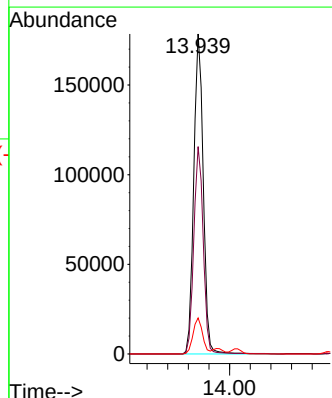
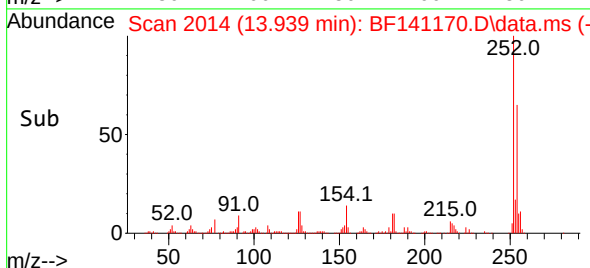
Tgt Ion:228 Resp: 1152698
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.8 15.7 23.5

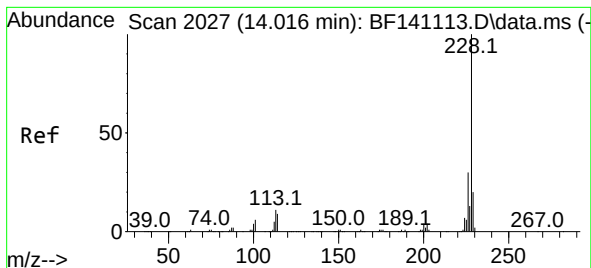


#82
3,3'-Dichlorobenzidine
Concen: 32.461 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38



Tgt Ion:252 Resp: 227608
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 11.2 9.4 14.0





#83

Chrysene

Concen: 48.556 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

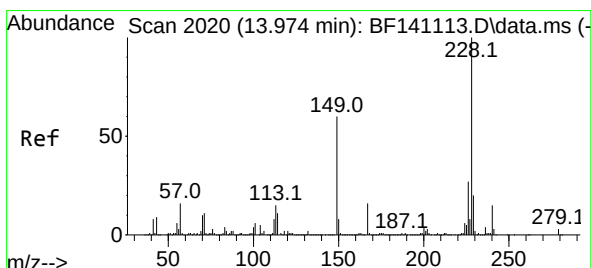
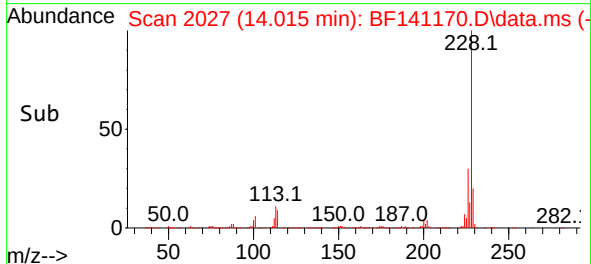
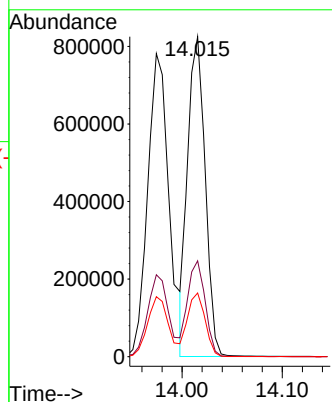
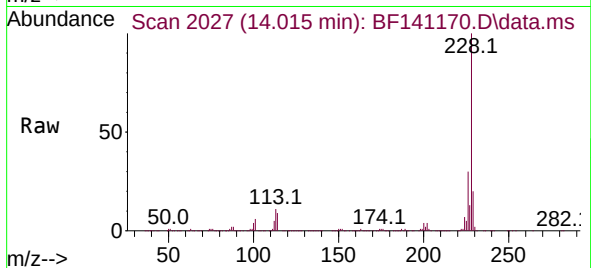
Tgt Ion:228 Resp: 1000459

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 19.9 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.896 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

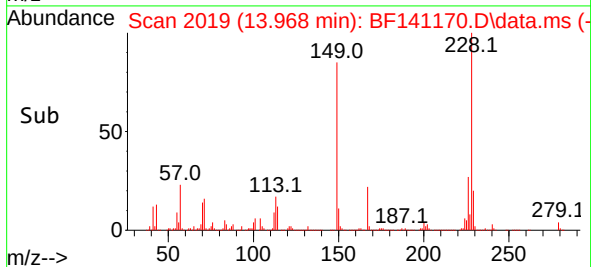
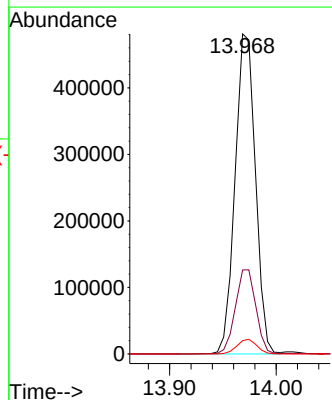
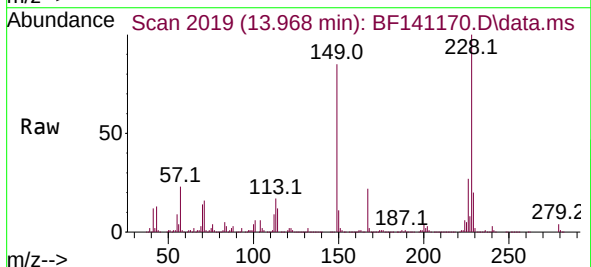
Tgt Ion:149 Resp: 641587

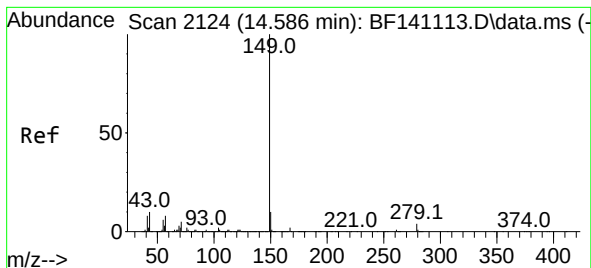
Ion Ratio Lower Upper

149 100

167 26.3 21.4 32.2

279 4.2 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 50.749 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

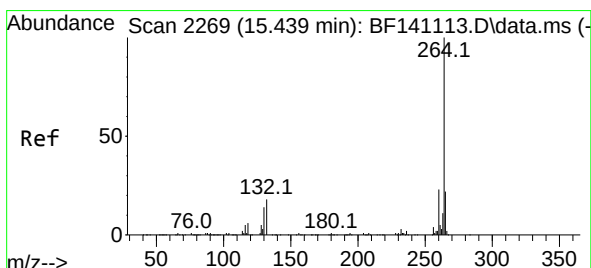
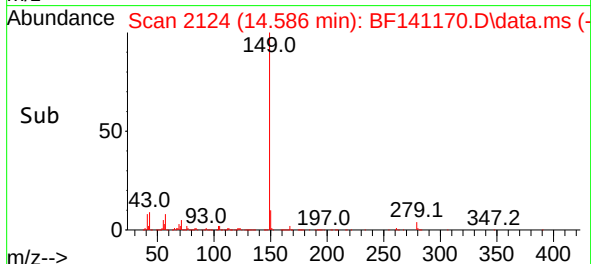
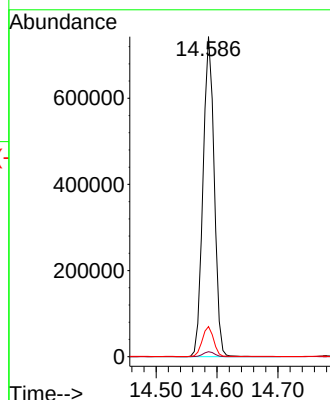
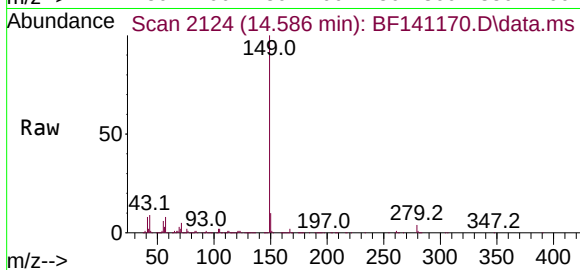
Tgt Ion:149 Resp: 947435

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

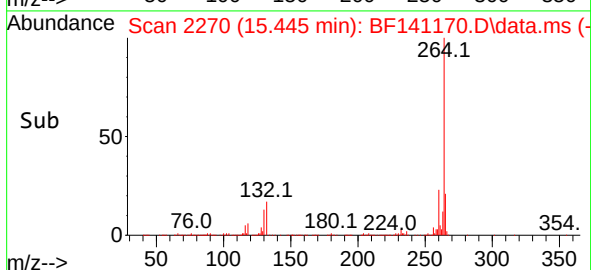
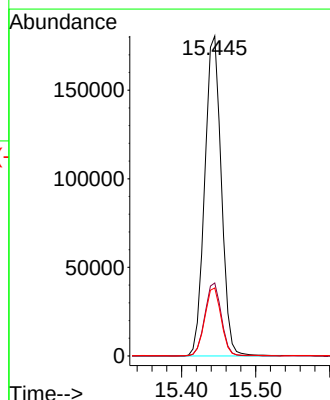
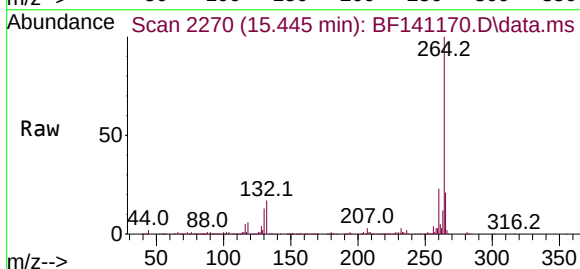
Tgt Ion:264 Resp: 280381

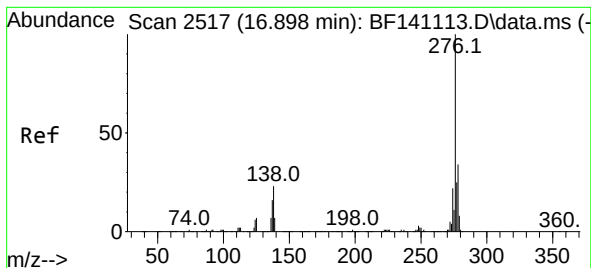
Ion Ratio Lower Upper

264 100

260 22.8 18.6 28.0

265 21.3 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.621 ng

RT: 16.898 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

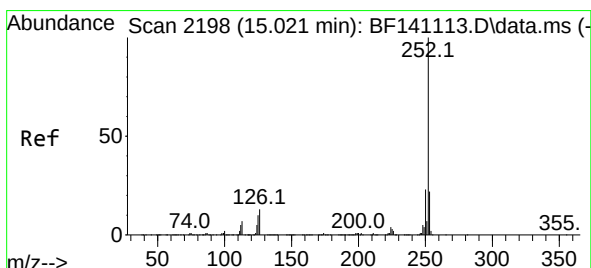
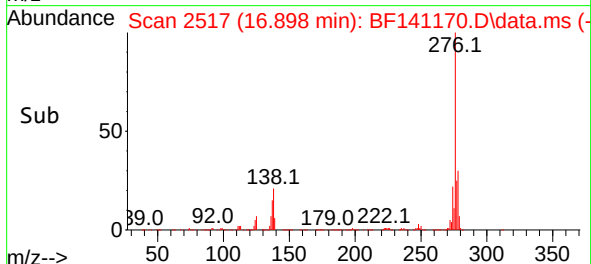
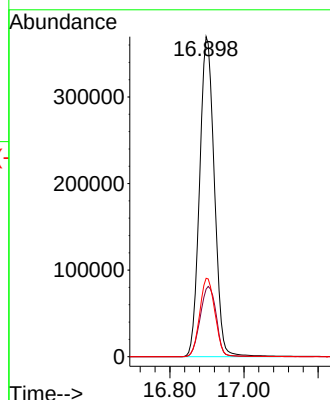
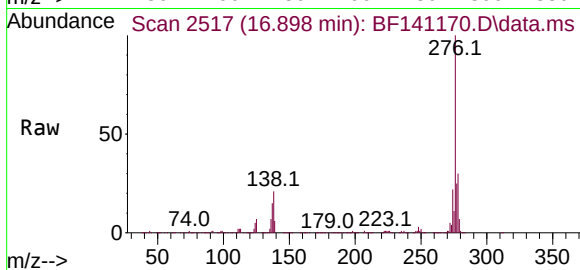
Tgt Ion:276 Resp: 1019288

Ion Ratio Lower Upper

276 100

138 24.0 20.7 31.1

277 25.4 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 56.536 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

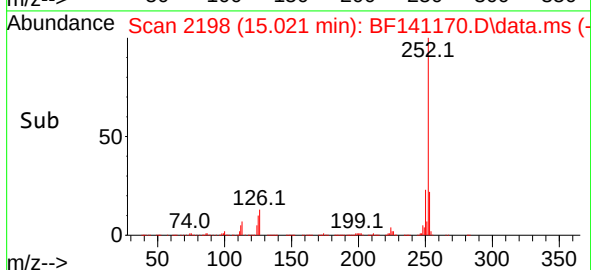
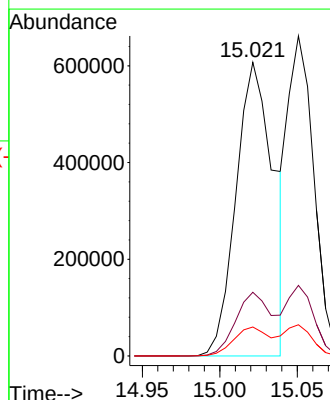
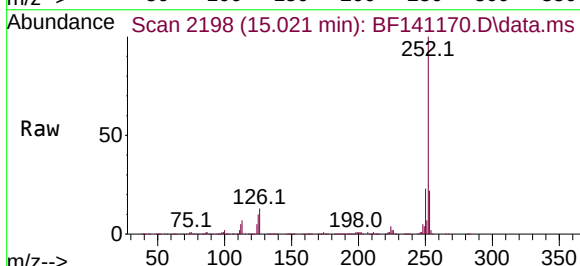
Tgt Ion:252 Resp: 1022166

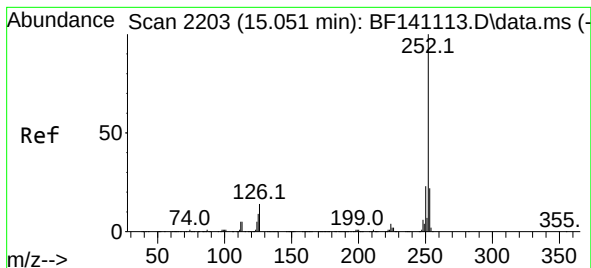
Ion Ratio Lower Upper

252 100

253 21.7 17.8 26.6

125 9.9 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 51.002 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

Instrument :

BNA_F

ClientSampleId :

PB166052BS

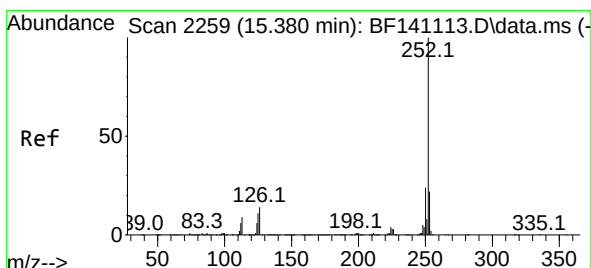
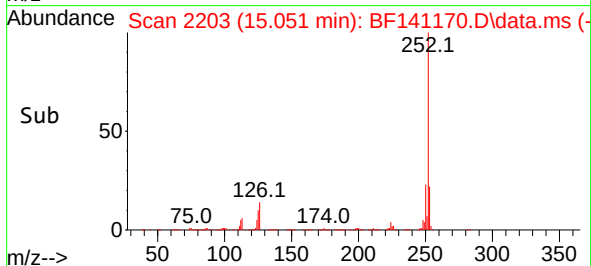
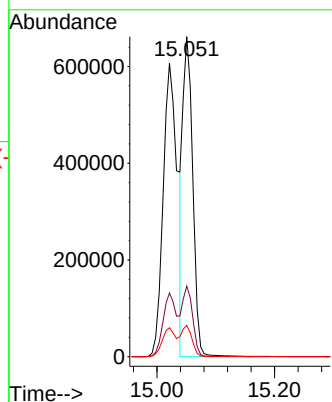
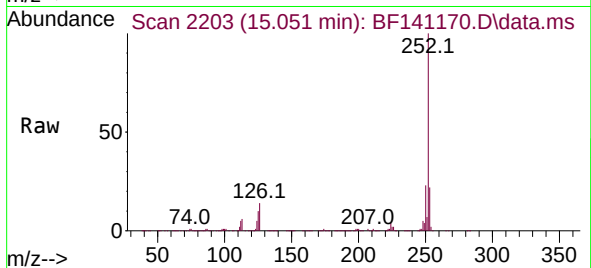
Tgt Ion:252 Resp: 779261

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.8

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 56.471 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141170.D

Acq: 15 Jan 2025 12:38

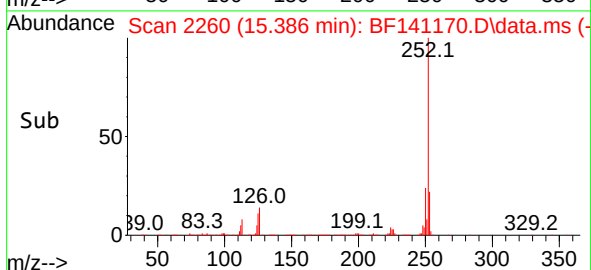
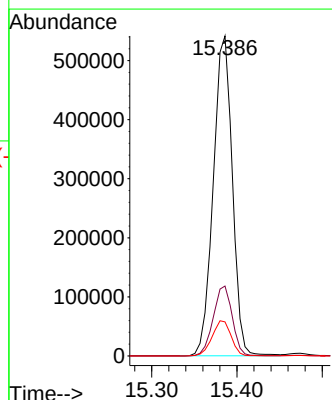
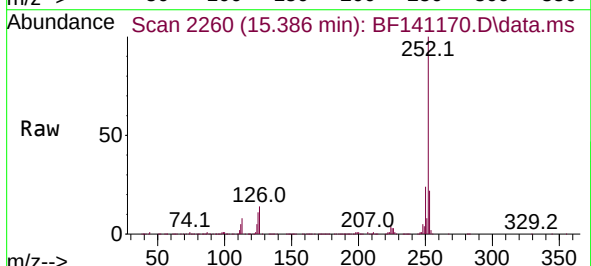
Tgt Ion:252 Resp: 842373

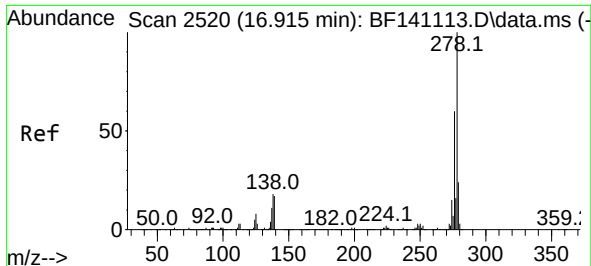
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 10.7 9.1 13.7

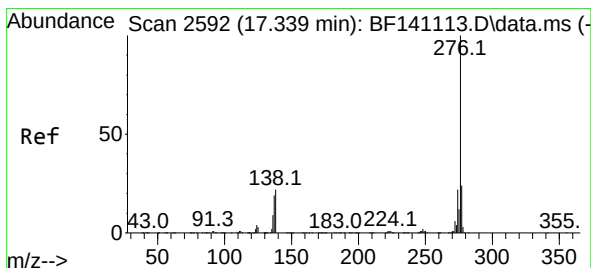
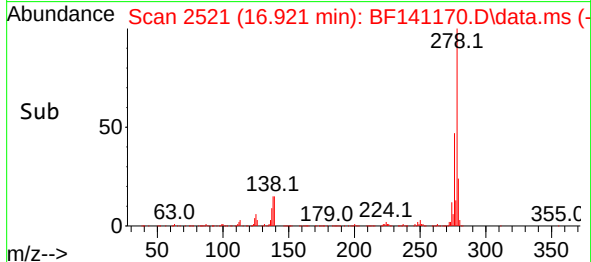
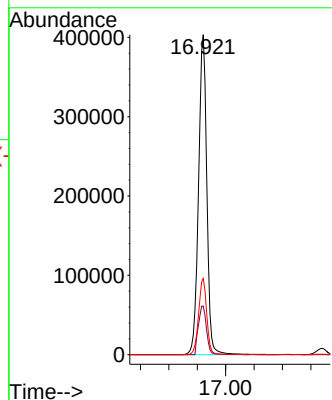
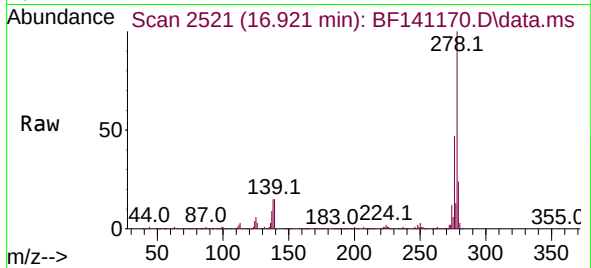




#91
Dibenzo(a,h)anthracene
Concen: 49.319 ng
RT: 16.921 min Scan# 2521
Delta R.T. 0.006 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Instrument :
BNA_F
ClientSampleId :
PB166052BS

Tgt Ion:278 Resp: 819393
Ion Ratio Lower Upper
278 100
139 15.2 13.8 20.6
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 43.803 ng
RT: 17.339 min Scan# 2592
Delta R.T. -0.000 min
Lab File: BF141170.D
Acq: 15 Jan 2025 12:38

Tgt Ion:276 Resp: 756968
Ion Ratio Lower Upper
276 100
277 23.6 19.0 28.4
138 20.5 17.4 26.2

