

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141182.D
 Acq On : 16 Jan 2025 13:48
 Operator : RC/JU
 Sample : PB166033BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166033BS

Quant Time: Jan 16 14:09:33 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	6.816	152	145745	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	588065	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	322280	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	550858	20.000	ng	0.00
76) Chrysene-d12	13.986	240	381753	20.000	ng	0.00
86) Perylene-d12	15.451	264	337646	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	885997	93.910	ng	0.00
7) Phenol-d6	6.440	99	1121344	93.830	ng	0.00
23) Nitrobenzene-d5	7.381	82	1054430	95.047	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	373279	101.651	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1971084	93.395	ng	0.00
79) Terphenyl-d14	12.933	244	2336295	90.961	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.634	88	175399	41.748	ng	98
3) Pyridine	3.369	79	448070	43.490	ng	97
4) n-Nitrosodimethylamine	3.322	42	247743	49.179	ng	98
6) Aniline	6.475	93	444947	41.935	ng	96
8) 2-Chlorophenol	6.598	128	526789	52.043	ng	97
9) Benzaldehyde	6.363	77	172179	24.462	ng	97
10) Phenol	6.457	94	640414	50.060	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	479501	50.294	ng	98
12) 1,3-Dichlorobenzene	6.757	146	542814	48.082	ng	99
13) 1,4-Dichlorobenzene	6.834	146	552754	48.588	ng	100
14) 1,2-Dichlorobenzene	6.981	146	529721	49.918	ng	99
15) Benzyl Alcohol	6.957	79	461471	53.469	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.093	45	675970	50.809	ng	98
17) 2-Methylphenol	7.069	107	427592	52.324	ng	98
18) Hexachloroethane	7.328	117	204680	49.752	ng	98
19) n-Nitroso-di-n-propyla...	7.234	70	365997	51.990	ng	98
20) 3+4-Methylphenols	7.222	107	524674	50.891	ng	# 83
22) Acetophenone	7.222	105	693502	49.608	ng	# 92
24) Nitrobenzene	7.398	77	547547	47.357	ng	99
25) Isophorone	7.640	82	999486	52.719	ng	99
26) 2-Nitrophenol	7.716	139	274966	52.281	ng	98
27) 2,4-Dimethylphenol	7.751	122	436056	61.467	ng	99
28) bis(2-Chloroethoxy)met...	7.851	93	594498	49.965	ng	100
29) 2,4-Dichlorophenol	7.951	162	436985	51.864	ng	99
30) 1,2,4-Trichlorobenzene	8.040	180	459263	47.687	ng	99
31) Naphthalene	8.122	128	1515042	48.853	ng	100
32) Benzoic acid	7.875	122	339847	49.939	ng	99
33) 4-Chloroaniline	8.169	127	201185	18.758	ng	99
34) Hexachlorobutadiene	8.240	225	281930	48.583	ng	100
35) Caprolactam	8.540	113	138224m	50.109	ng	
36) 4-Chloro-3-methylphenol	8.651	107	479905	52.081	ng	98
37) 2-Methylnaphthalene	8.810	142	998741	50.538	ng	99
38) 1-Methylnaphthalene	8.910	142	931967	47.852	ng	100
40) 1,2,4,5-Tetrachloroben...	8.981	216	457713	49.482	ng	99
41) Hexachlorocyclopentadiene	8.969	237	592312	195.721	ng	100
43) 2,4,6-Trichlorophenol	9.087	196	331969	53.212	ng	99

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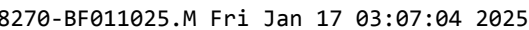
Instrument :
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 ClientSampleId :
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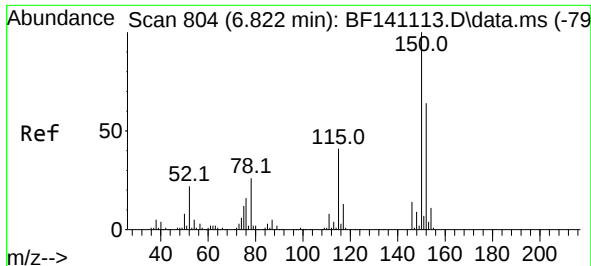
Quant Time: Jan 16 14:09:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	325478	49.399	ng	98
46) 1,1'-Biphenyl	9.281	154	1233345	49.278	ng	99
47) 2-Chloronaphthalene	9.304	162	924443	47.422	ng	99
48) 2-Nitroaniline	9.398	65	290077	50.198	ng	99
49) Acenaphthylene	9.716	152	1463666	52.553	ng	99
50) Dimethylphthalate	9.581	163	1114131	51.494	ng	100
51) 2,6-Dinitrotoluene	9.639	165	249340	49.557	ng	95
52) Acenaphthene	9.892	154	1087854	55.908	ng	99
53) 3-Nitroaniline	9.804	138	147518	28.852	ng	98
54) 2,4-Dinitrophenol	9.916	184	283893	118.709	ng	95
55) Dibenzofuran	10.063	168	1326201	50.108	ng	99
56) 4-Nitrophenol	9.969	139	431841	107.845	ng	96
57) 2,4-Dinitrotoluene	10.045	165	342135	52.766	ng	97
58) Fluorene	10.404	166	1021601	49.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	295560	53.967	ng	99
60) Diethylphthalate	10.281	149	1095201	51.851	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	503261	50.217	ng	98
62) 4-Nitroaniline	10.422	138	250296	50.017	ng	96
63) Azobenzene	10.557	77	1049506	50.356	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	189771	59.451	ng	99
66) n-Nitrosodiphenylamine	10.516	169	924303	52.022	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	335172	52.849	ng	99
68) Hexachlorobenzene	10.951	284	368841	52.245	ng	99
69) Atrazine	11.045	200	326841	68.319	ng	100
70) Pentachlorophenol	11.145	266	472102	104.421	ng	99
71) Phenanthrene	11.369	178	1569472	53.070	ng	100
72) Anthracene	11.422	178	1580873	54.975	ng	100
73) Carbazole	11.575	167	1392408	52.808	ng	99
74) Di-n-butylphthalate	11.910	149	1684836	55.835	ng	100
75) Fluoranthene	12.557	202	1610105	54.558	ng	99
77) Benzidine	12.675	184	418869	59.168	ng	99
78) Pyrene	12.786	202	1654989	45.389	ng	99
80) Butylbenzylphthalate	13.410	149	659894	54.282	ng	99
81) Benzo(a)anthracene	13.974	228	1312176	50.506	ng	99
82) 3,3'-Dichlorobenzidine	13.939	252	232711	28.130	ng	98
83) Chrysene	14.016	228	1162658	47.827	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	843490	57.827	ng	100
85) Di-n-octyl phthalate	14.592	149	1324367	60.126	ng	99
87) Indeno(1,2,3-cd)pyrene	16.915	276	1248936	50.489	ng	98
88) Benzo(b)fluoranthene	15.027	252	1159129	53.238	ng	100
89) Benzo(k)fluoranthene	15.063	252	993385	53.989	ng	99
90) Benzo(a)pyrene	15.392	252	1006508	56.031	ng	99
91) Dibenzo(a,h)anthracene	16.933	278	1010009	50.482	ng	98
92) Benzo(g,h,i)perylene	17.357	276	934397	44.900	ng	99

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

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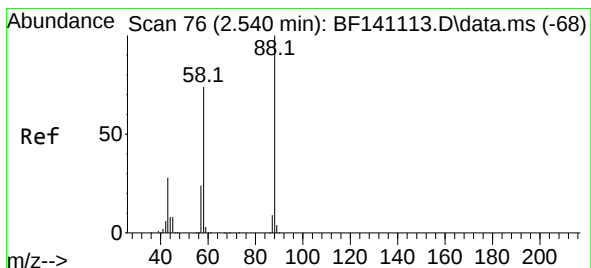
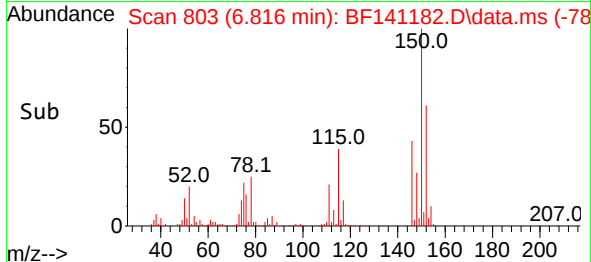
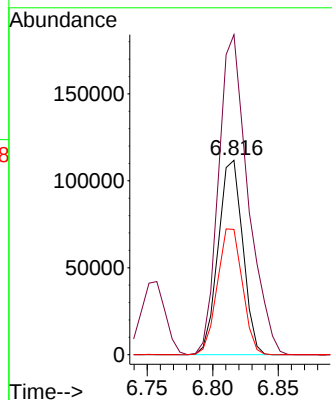
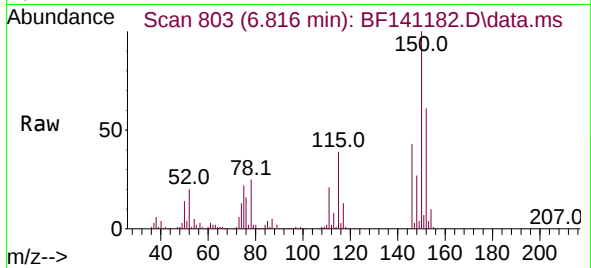




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.816 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

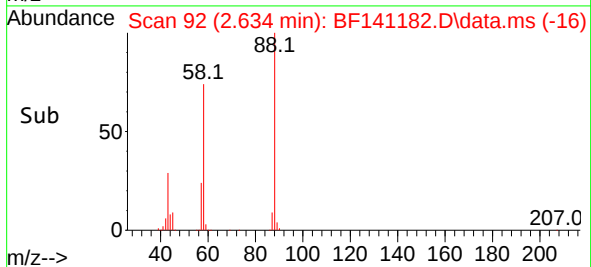
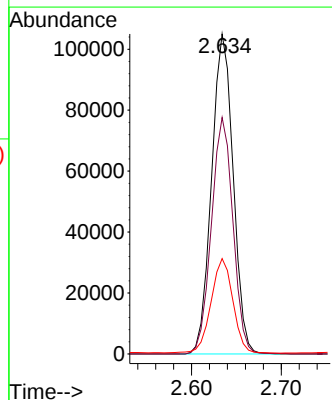
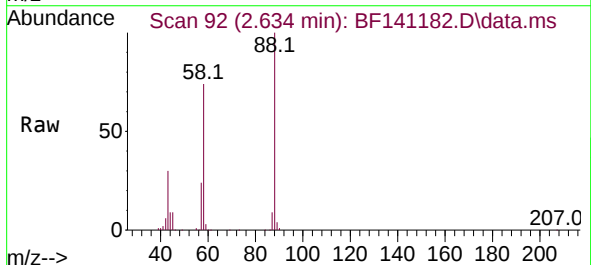
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PB166033BS

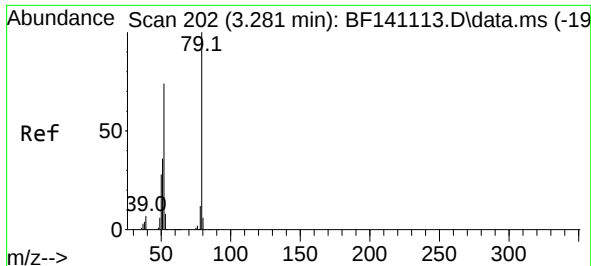
Tgt Ion:152 Resp: 145745
Ion Ratio Lower Upper
152 100
150 164.7 125.8 188.8
115 64.4 51.4 77.2



#2
1,4-Dioxane
Concen: 41.748 ng
RT: 2.634 min Scan# 92
Delta R.T. 0.094 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion: 88 Resp: 175399
Ion Ratio Lower Upper
88 100
58 73.7 60.1 90.1
43 30.0 23.1 34.7

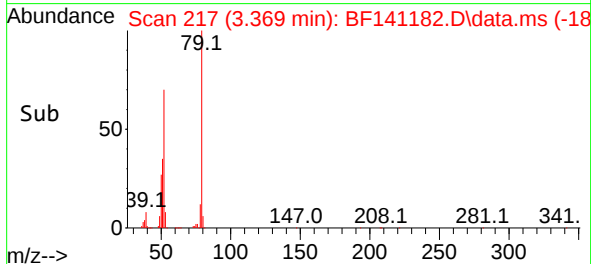
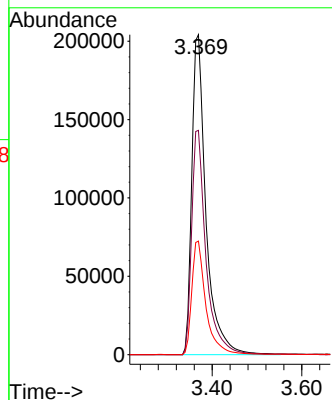
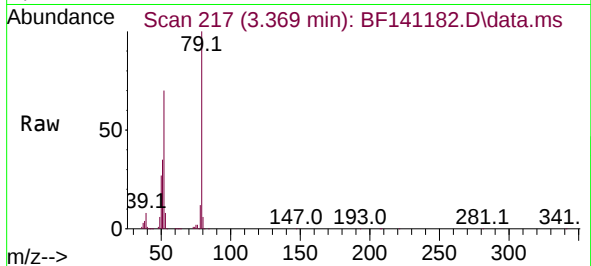




#3
Pyridine
Concen: 43.490 ng
RT: 3.369 min Scan# 217
Delta R.T. 0.088 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

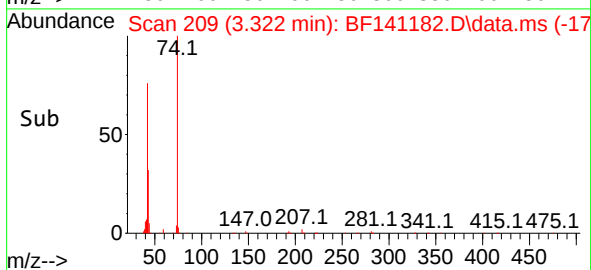
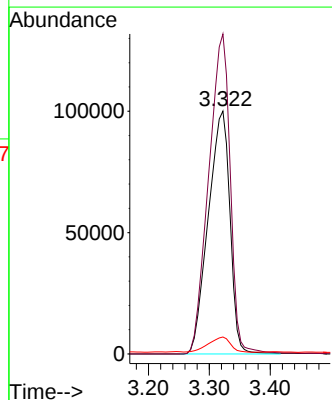
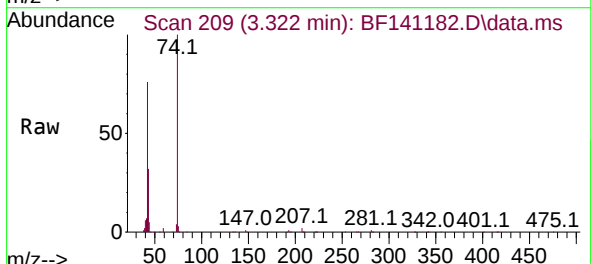
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion: 79 Resp: 448070
Ion Ratio Lower Upper
79 100
52 70.1 58.9 88.3
51 35.5 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 49.179 ng
RT: 3.322 min Scan# 209
Delta R.T. 0.094 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion: 42 Resp: 247743
Ion Ratio Lower Upper
42 100
74 131.7 103.8 155.6
44 7.0 5.3 7.9

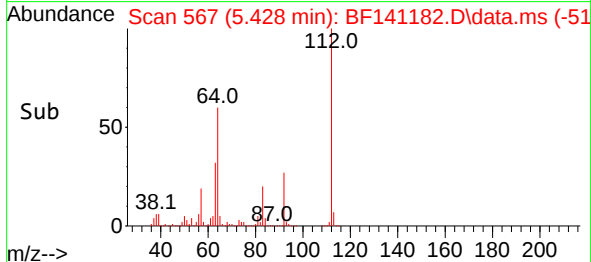
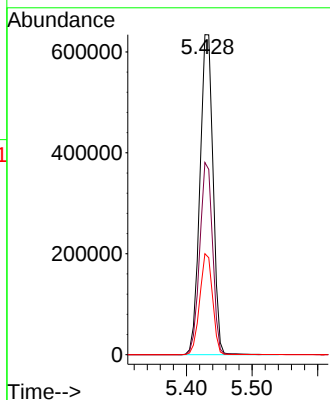
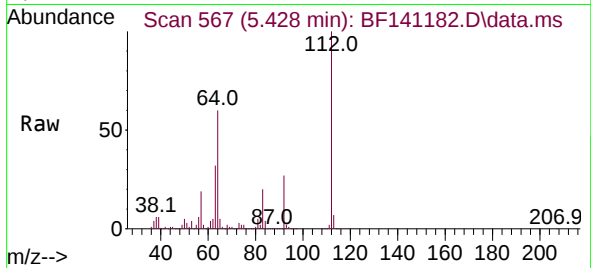




#5
2-Fluorophenol
Concen: 93.910 ng
RT: 5.428 min Scan# 509
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

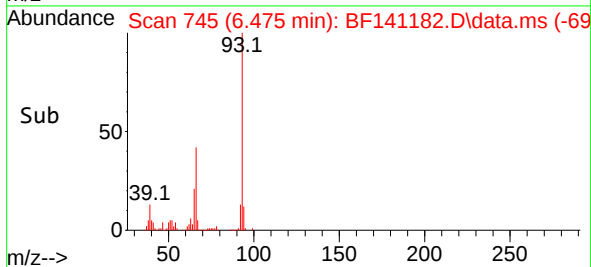
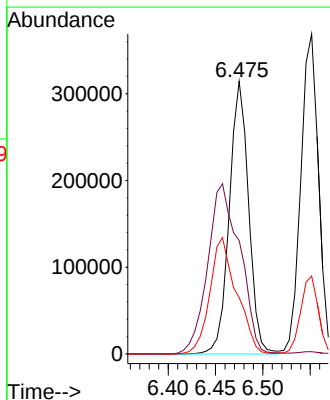
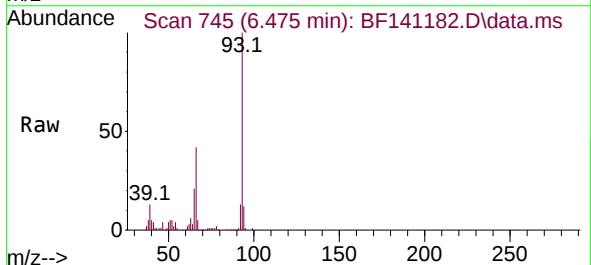
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:112 Resp: 885997
Ion Ratio Lower Upper
112 100
64 60.1 47.3 70.9
63 31.5 24.2 36.2



#6
Aniline
Concen: 41.935 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion: 93 Resp: 444947
Ion Ratio Lower Upper
93 100
66 41.6 31.5 47.3
65 20.7 15.3 22.9





#7

Phenol-d6

Concen: 93.830 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

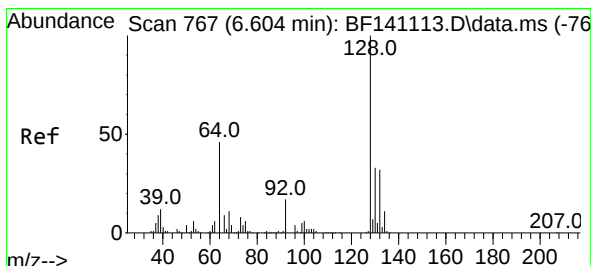
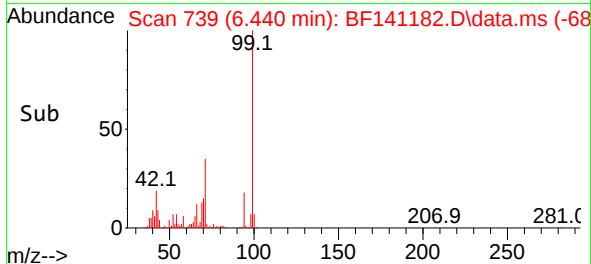
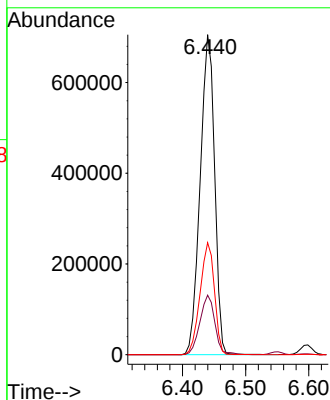
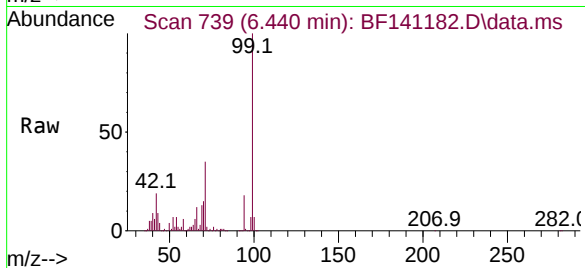
BNA_F

ClientSampleId :

PB166033BS

Tgt Ion: 99 Resp: 1121344

Ion	Ratio	Lower	Upper
99	100		
42	18.6	15.0	22.4
71	35.0	27.6	41.4



#8

2-Chlorophenol

Concen: 52.043 ng

RT: 6.598 min Scan# 766

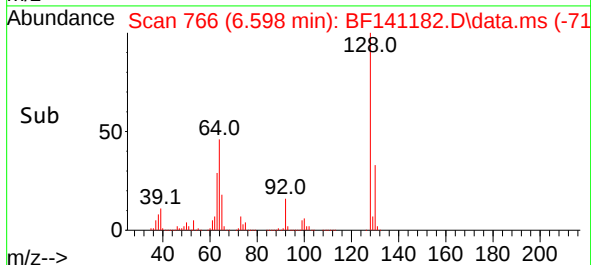
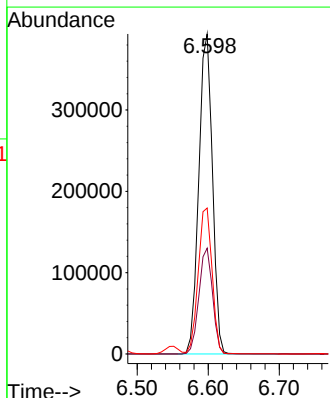
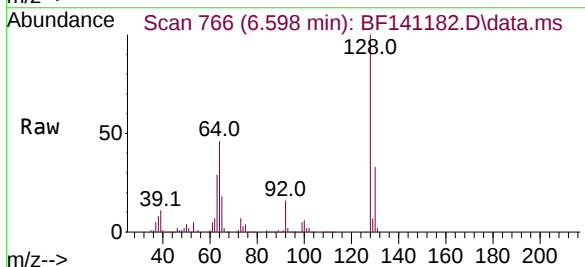
Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Tgt Ion: 128 Resp: 526789

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	45.6	28.3	68.3

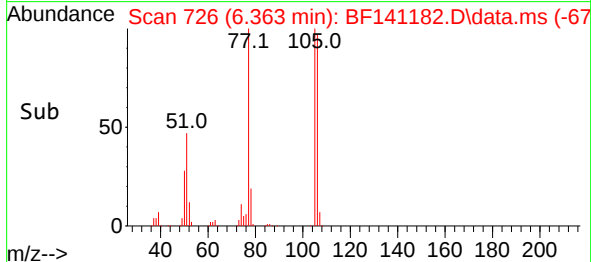
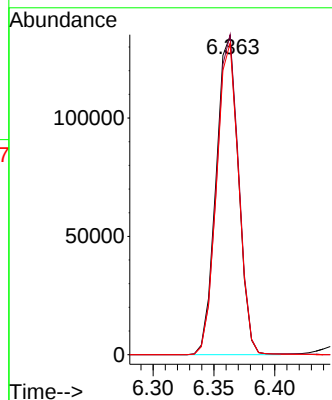
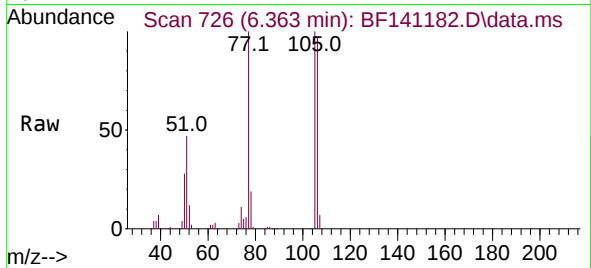




#9
Benzaldehyde
Concen: 24.462 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

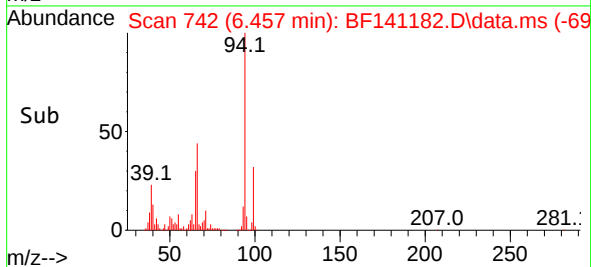
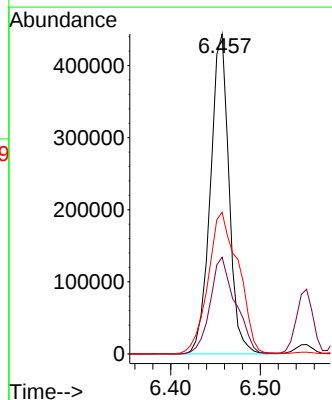
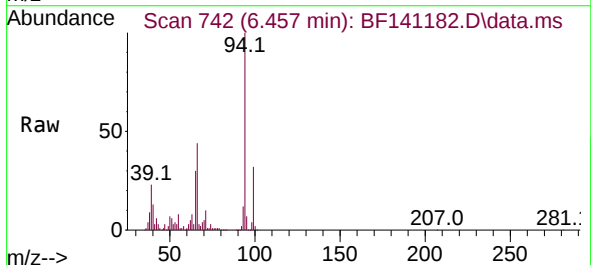
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion: 77 Resp: 172179
Ion Ratio Lower Upper
77 100
105 100.4 78.9 118.9
106 97.7 73.6 113.6



#10
Phenol
Concen: 50.060 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion: 94 Resp: 640414
Ion Ratio Lower Upper
94 100
65 30.2 8.9 48.9
66 44.3 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 50.294 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

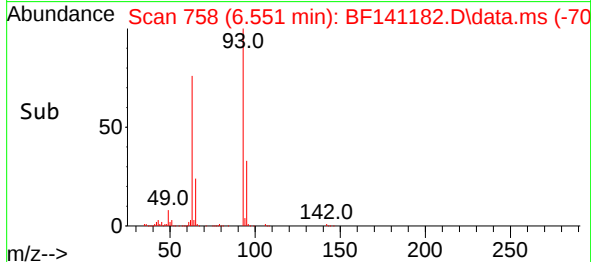
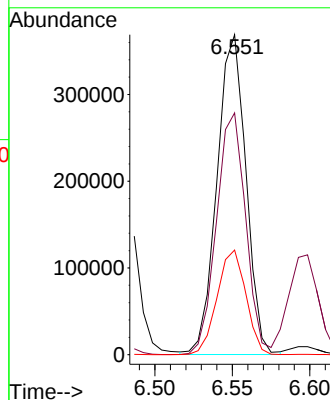
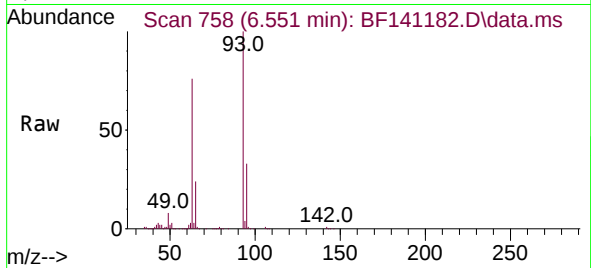
Tgt Ion: 93 Resp: 479501

Ion Ratio Lower Upper

93 100

63 75.6 58.0 98.0

95 32.7 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 48.082 ng

RT: 6.757 min Scan# 793

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

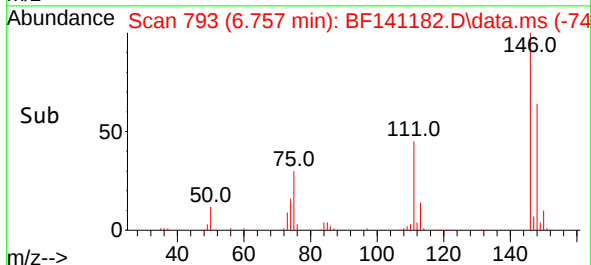
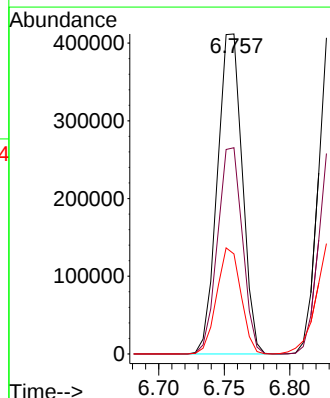
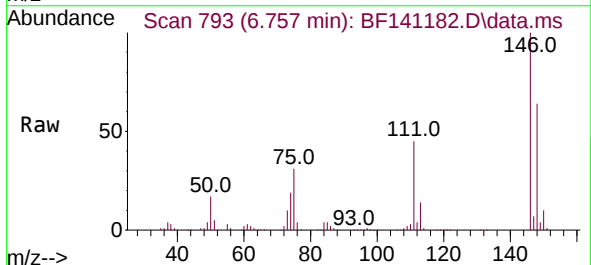
Tgt Ion:146 Resp: 542814

Ion Ratio Lower Upper

146 100

148 64.5 51.6 77.4

75 31.2 26.2 39.2

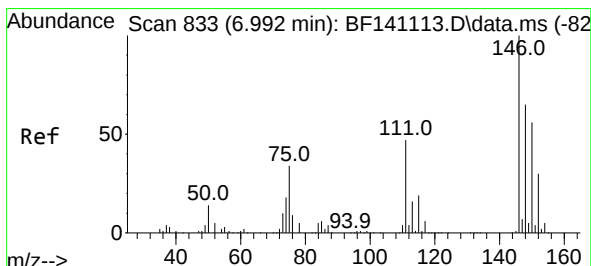
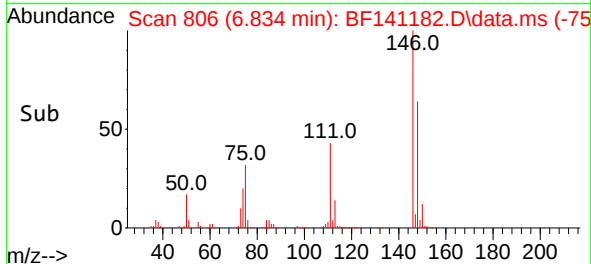
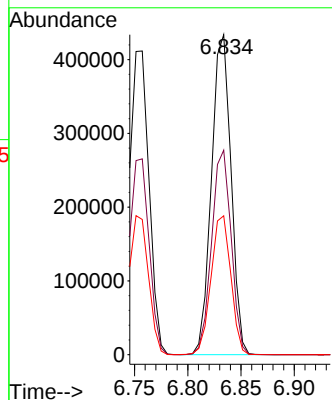
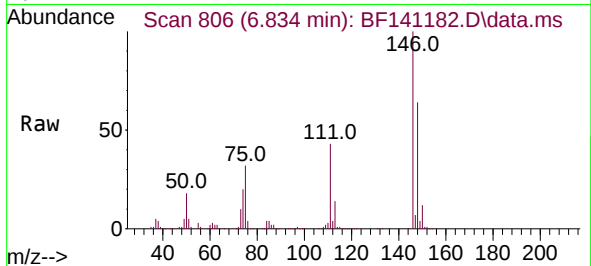




#13
1,4-Dichlorobenzene
Concen: 48.588 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

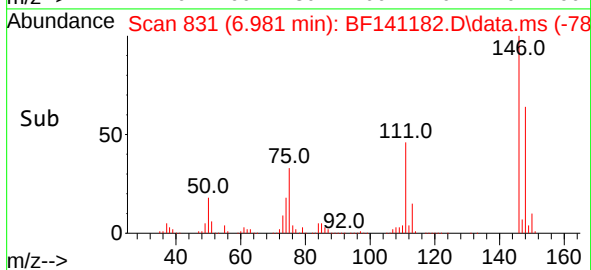
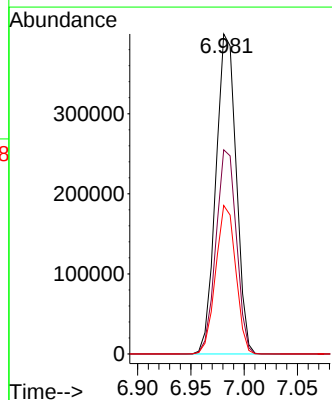
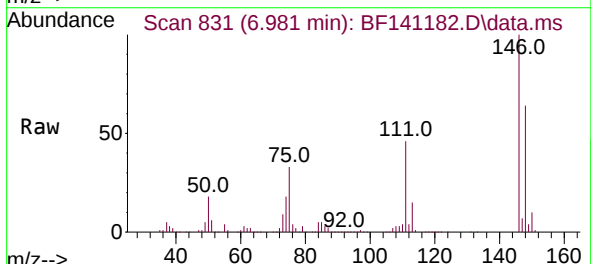
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:146 Resp: 552754
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.4 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 49.918 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:146 Resp: 529721
Ion Ratio Lower Upper
146 100
148 63.8 52.2 78.4
111 46.4 37.5 56.3

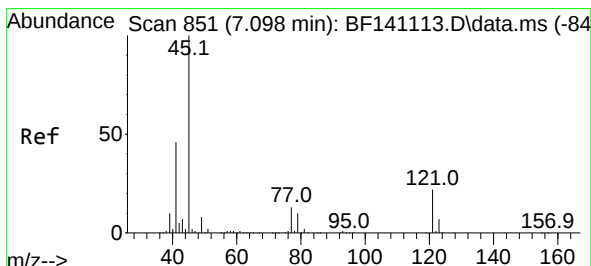
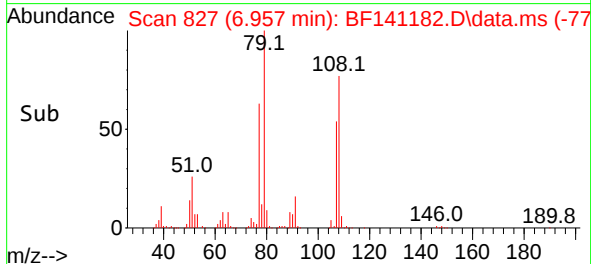
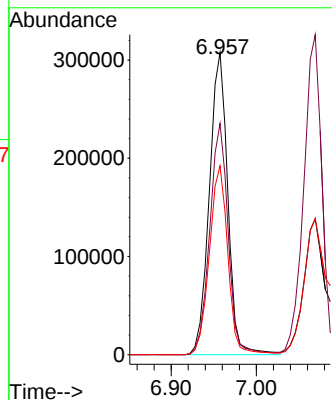
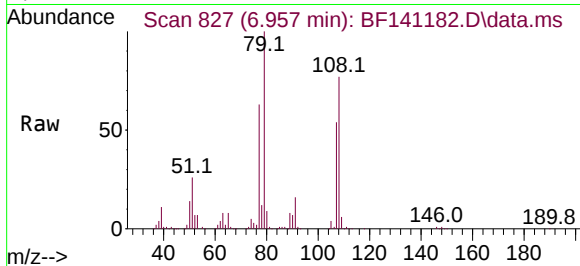




#15
Benzyl Alcohol
Concen: 53.469 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

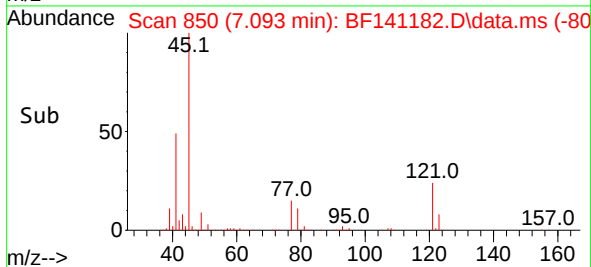
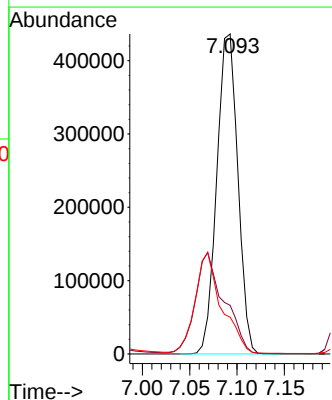
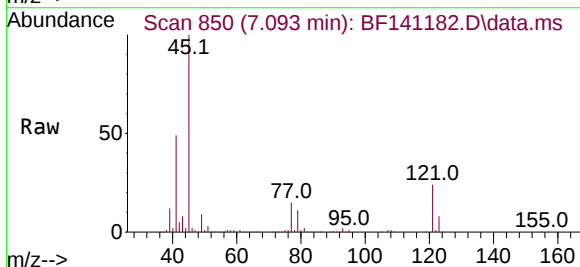
Instrument :
BNA_F
ClientSampleId :
PB166033BS

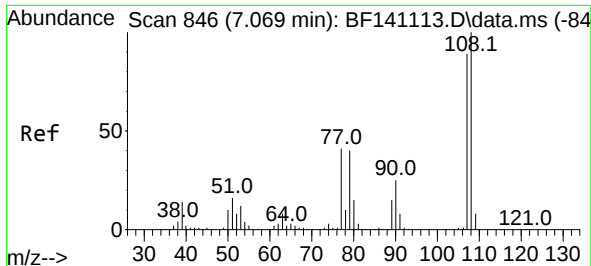
Tgt Ion: 79 Resp: 461471
Ion Ratio Lower Upper
79 100
108 76.5 61.4 92.0
77 62.5 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.809 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion: 45 Resp: 675970
Ion Ratio Lower Upper
45 100
77 15.2 0.0 34.1
79 11.5 0.0 31.0



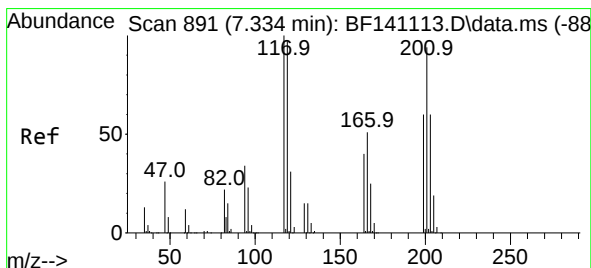
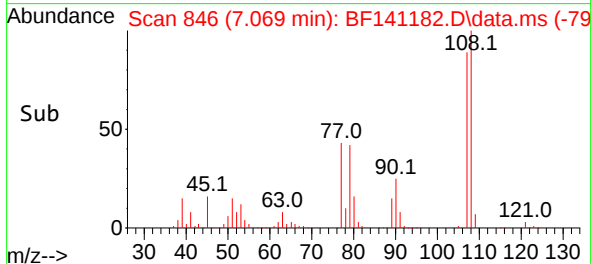
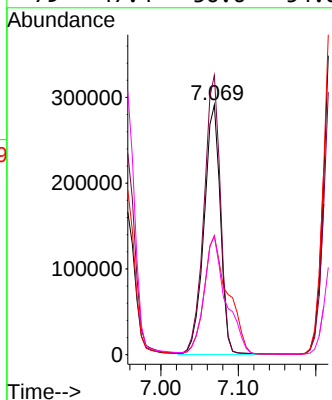
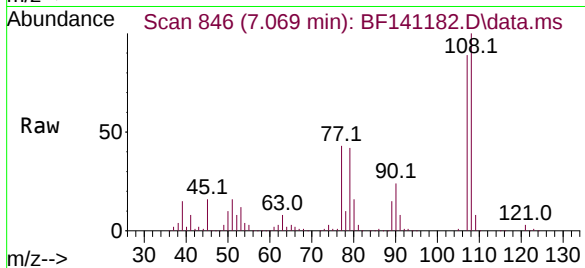


#17
2-Methylphenol
Concen: 52.324 ng
RT: 7.069 min Scan# 84
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:107 Resp: 427592

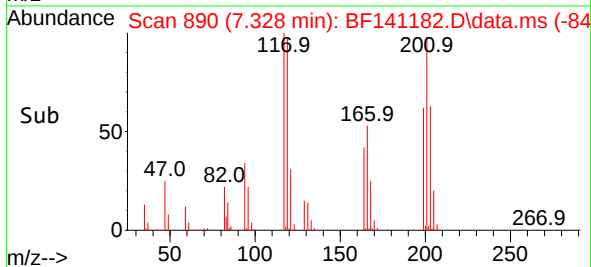
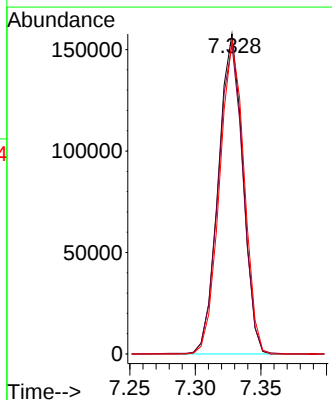
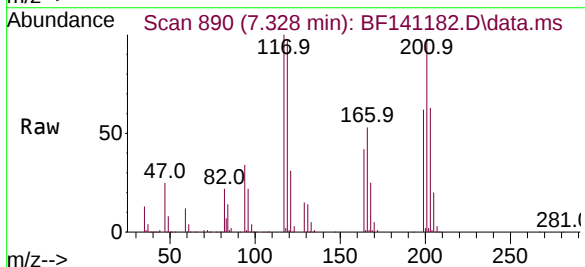
Ion	Ratio	Lower	Upper
107	100		
108	111.8	90.1	135.1
77	47.6	36.6	55.0
79	47.4	36.6	54.8

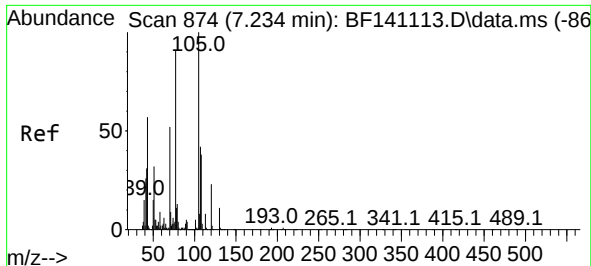


#18
Hexachloroethane
Concen: 49.752 ng
RT: 7.328 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:117 Resp: 204680

Ion	Ratio	Lower	Upper
117	100		
119	96.7	77.6	116.4
201	97.9	75.1	112.7



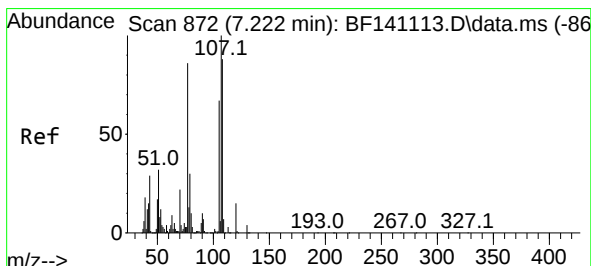
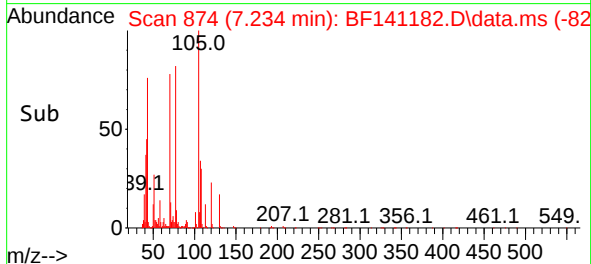
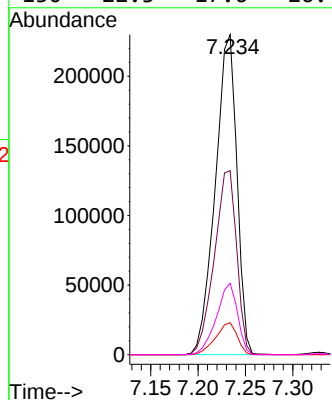
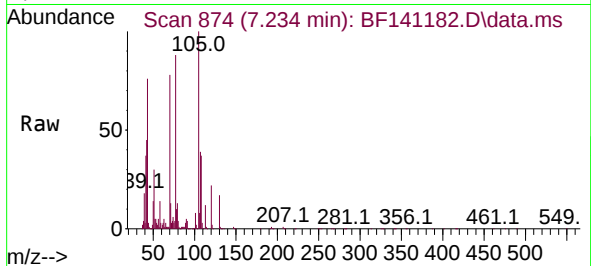


#19
n-Nitroso-di-n-propylamine
Concen: 51.990 ng
RT: 7.234 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion: 70 Resp: 365997

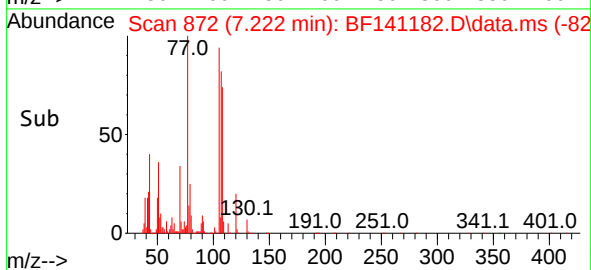
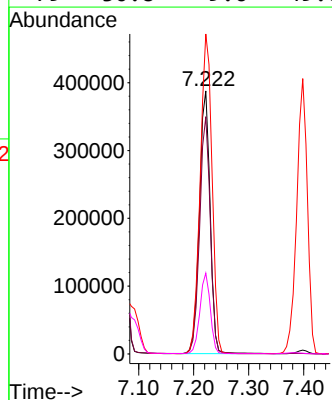
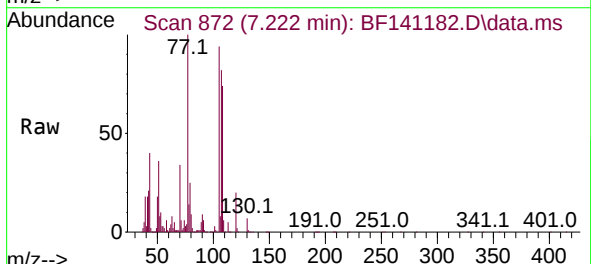
Ion	Ratio	Lower	Upper
70	100		
42	57.5	47.8	71.6
101	10.0	7.9	11.9
130	22.3	17.6	26.4

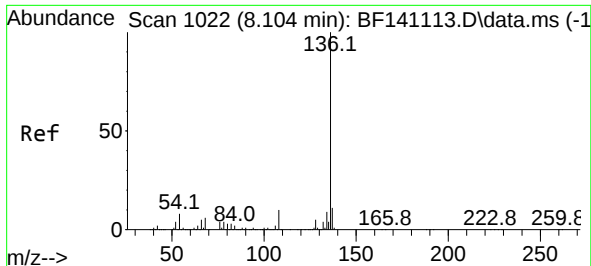


#20
3+4-Methylphenols
Concen: 50.891 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion: 107 Resp: 524674

Ion	Ratio	Lower	Upper
107	100		
108	90.2	68.3	108.3
77	121.7	66.4	106.4#
79	30.8	9.6	49.6



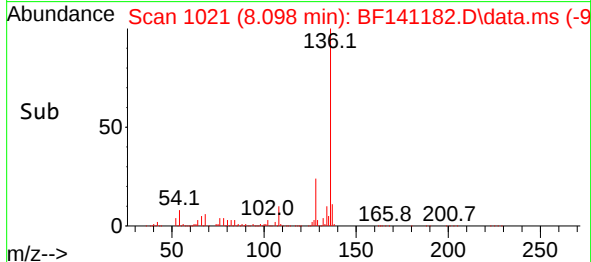
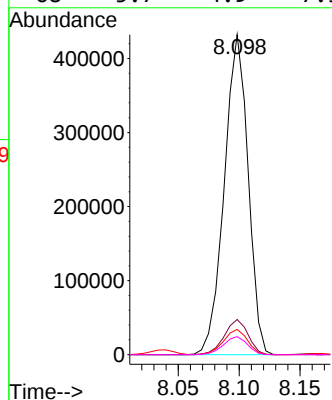
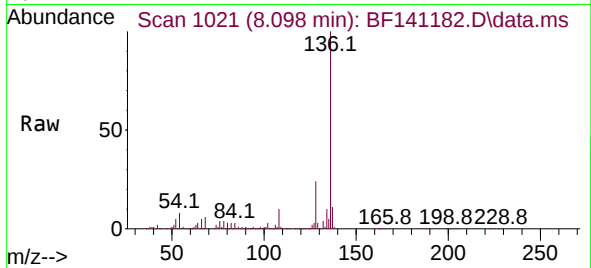


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:136 Resp: 588065

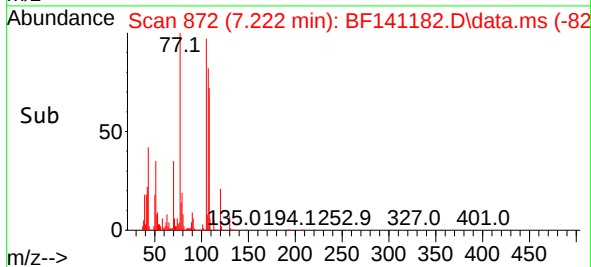
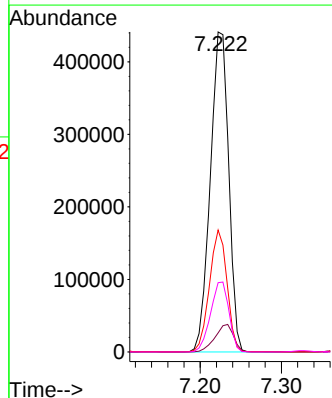
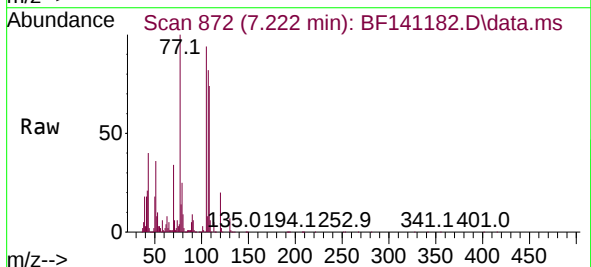
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	7.9	6.3	9.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 49.608 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:105 Resp: 693502

Ion	Ratio	Lower	Upper
105	100		
71	5.9	7.1	10.7#
51	38.1	25.4	38.2
120	21.6	18.0	27.0





#23

Nitrobenzene-d5

Concen: 95.047 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

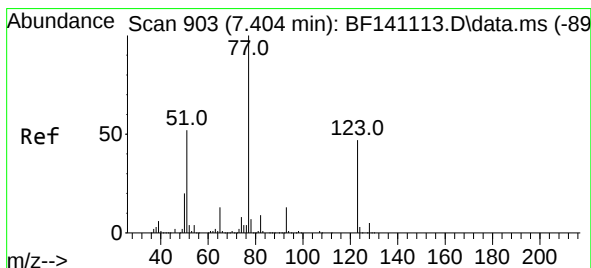
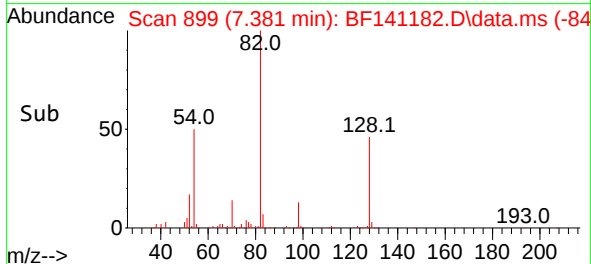
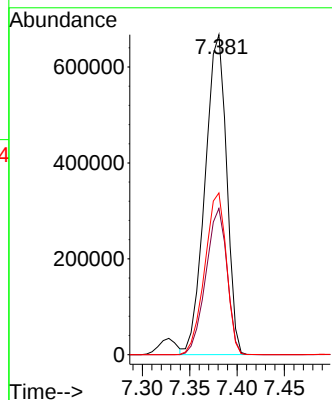
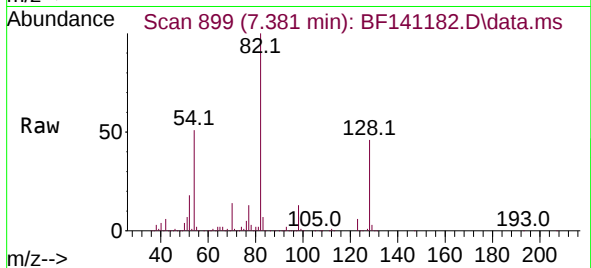
BNA_F

ClientSampleId :

PB166033BS

Tgt Ion: 82 Resp: 1054430

Ion	Ratio	Lower	Upper
82	100		
128	45.7	36.1	54.1
54	50.6	41.0	61.4



#24

Nitrobenzene

Concen: 47.357 ng

RT: 7.398 min Scan# 902

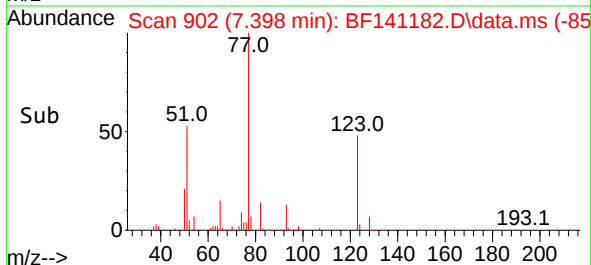
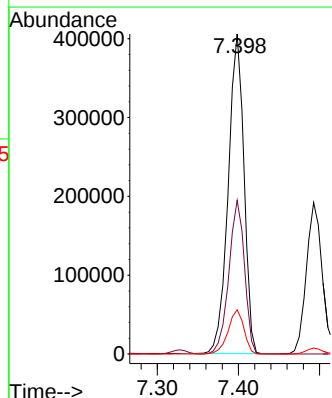
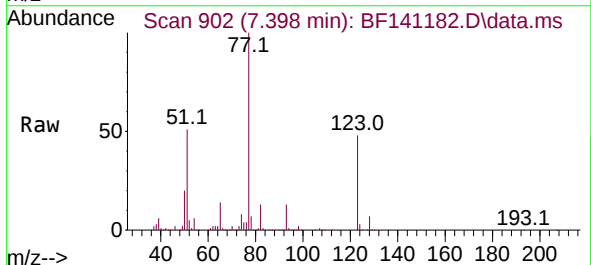
Delta R.T. -0.006 min

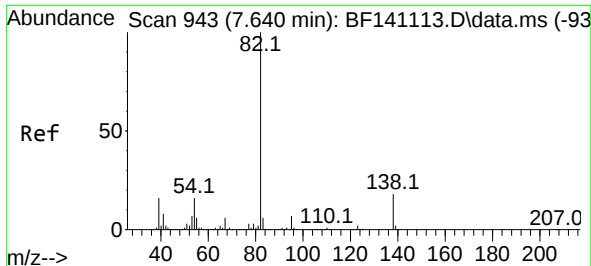
Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Tgt Ion: 77 Resp: 547547

Ion	Ratio	Lower	Upper
77	100		
123	48.0	37.7	56.5
65	13.8	10.6	16.0

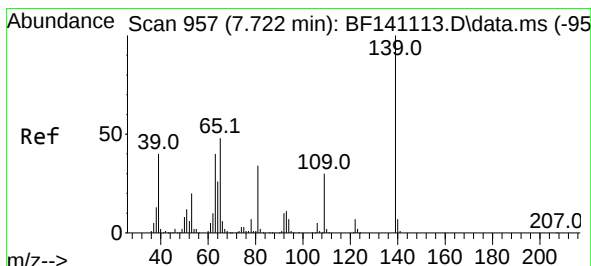
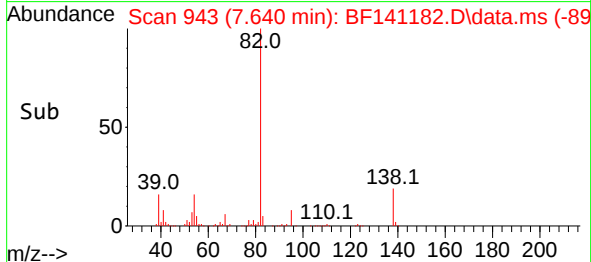
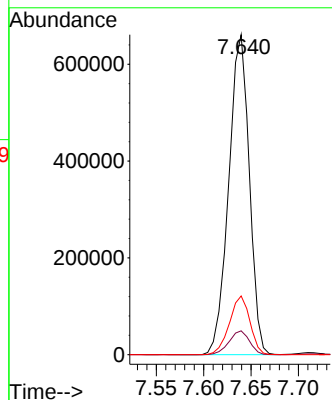
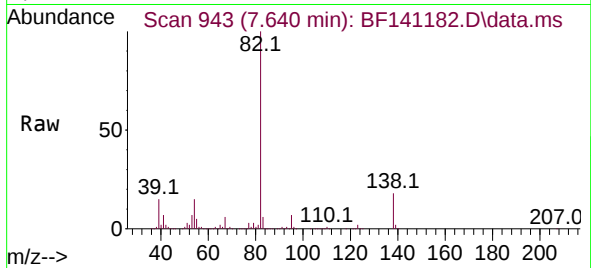




#25
Isophorone
Concen: 52.719 ng
RT: 7.640 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

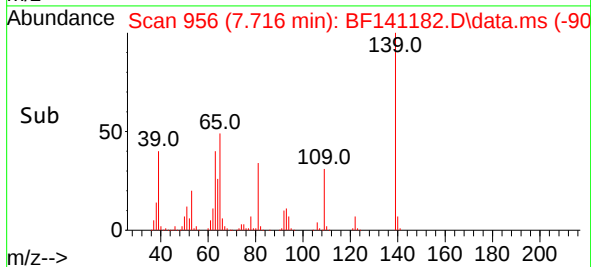
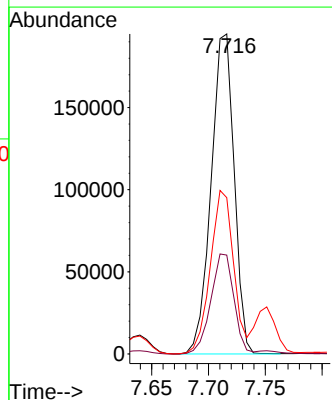
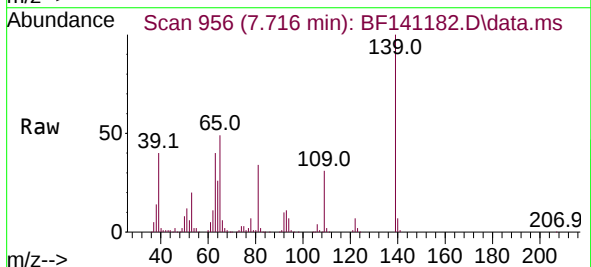
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion: 82 Resp: 999486
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 52.281 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:139 Resp: 274966
Ion Ratio Lower Upper
139 100
109 30.9 23.8 35.6
65 48.8 38.5 57.7

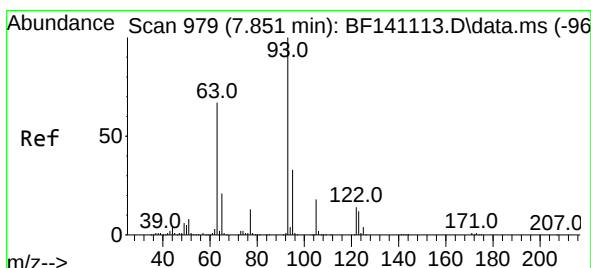
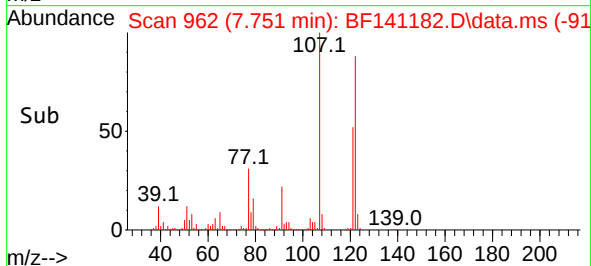
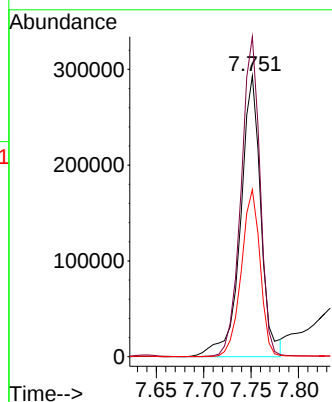
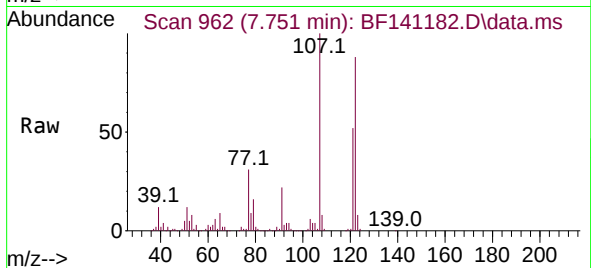




#27
2,4-Dimethylphenol
Concen: 61.467 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

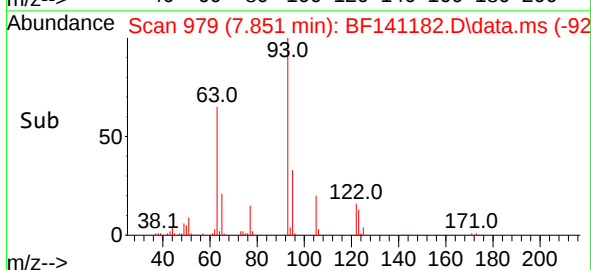
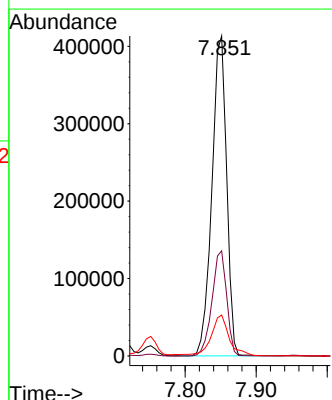
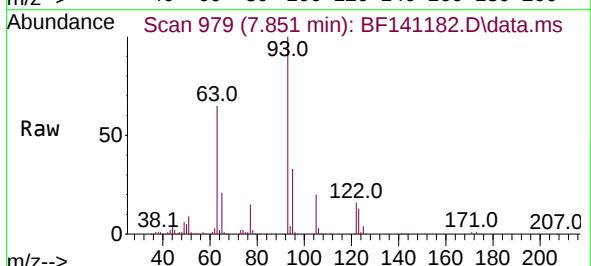
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:122 Resp: 436056
Ion Ratio Lower Upper
122 100
107 114.0 90.3 135.5
121 59.5 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 49.965 ng
RT: 7.851 min Scan# 979
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion: 93 Resp: 594498
Ion Ratio Lower Upper
93 100
95 32.8 26.2 39.4
123 12.8 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 51.864 ng

RT: 7.951 min Scan# 99

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

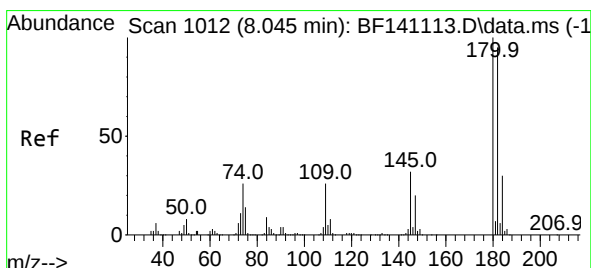
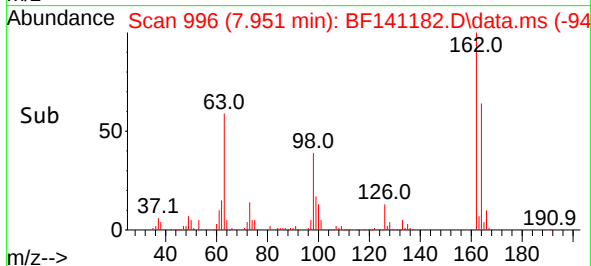
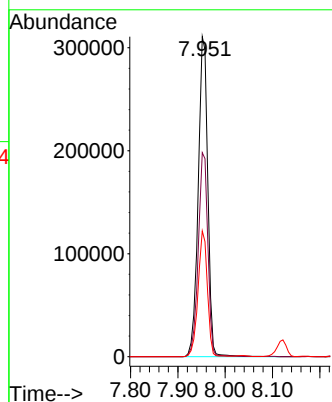
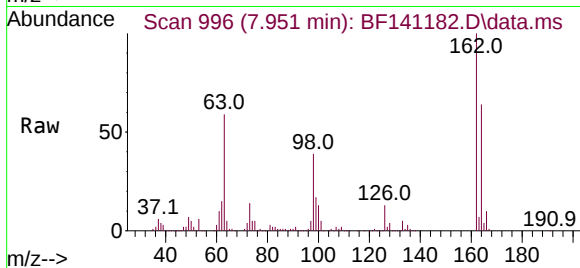
Tgt Ion:162 Resp: 436985

Ion Ratio Lower Upper

162 100

164 63.8 44.5 84.5

98 39.3 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 47.687 ng

RT: 8.040 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

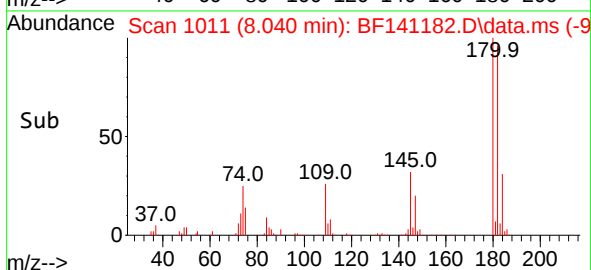
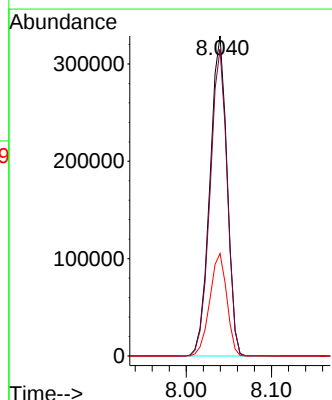
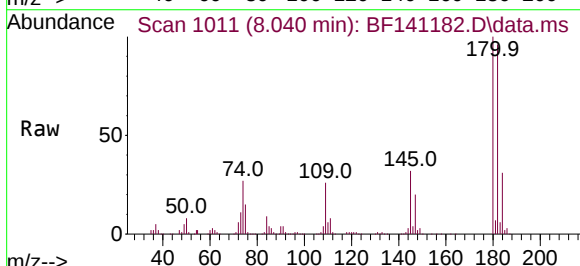
Tgt Ion:180 Resp: 459263

Ion Ratio Lower Upper

180 100

182 95.9 76.2 114.2

145 32.0 25.3 37.9

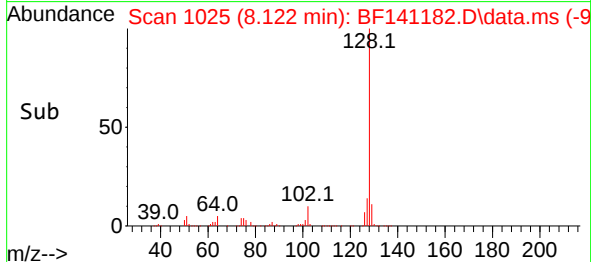
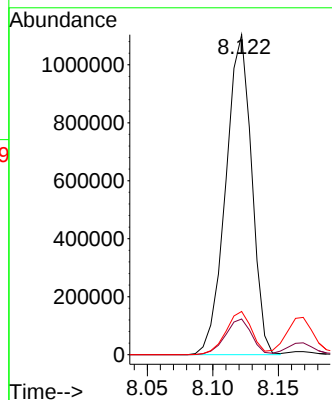
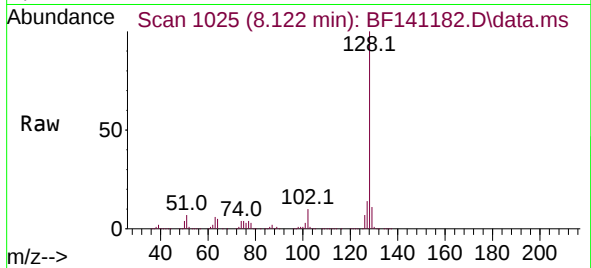




#31
Naphthalene
Concen: 48.853 ng
RT: 8.122 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

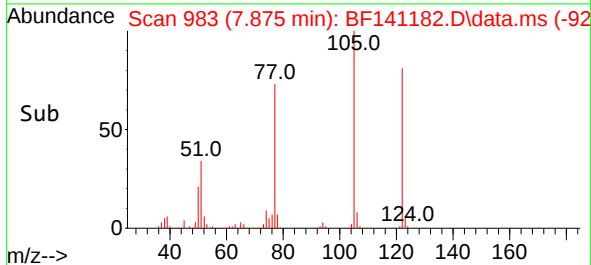
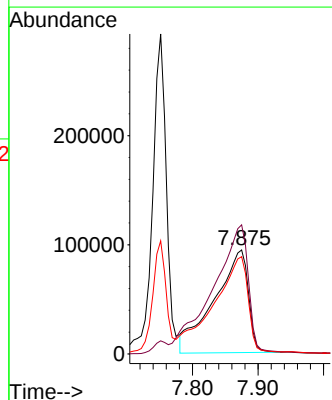
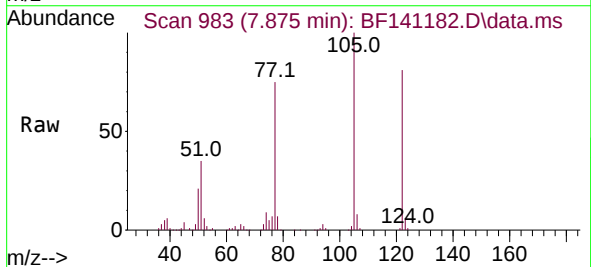
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:128 Resp: 1515042
Ion Ratio Lower Upper
128 100
129 11.2 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 49.939 ng
RT: 7.875 min Scan# 983
Delta R.T. 0.018 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:122 Resp: 339847
Ion Ratio Lower Upper
122 100
105 124.0 105.5 145.5
77 93.5 75.1 115.1





#33

4-Chloroaniline

Concen: 18.758 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

Tgt Ion:127 Resp: 201185

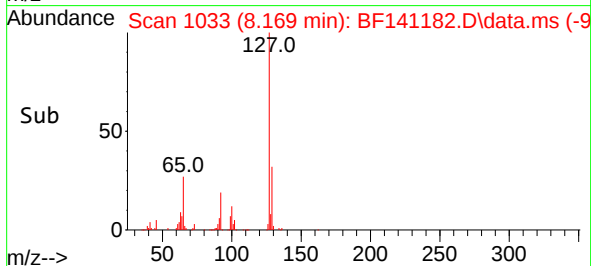
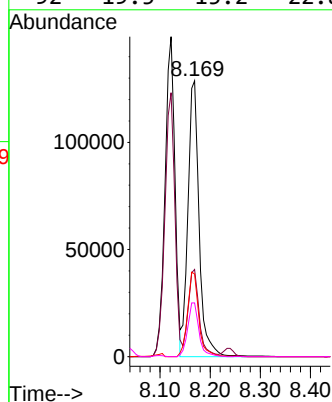
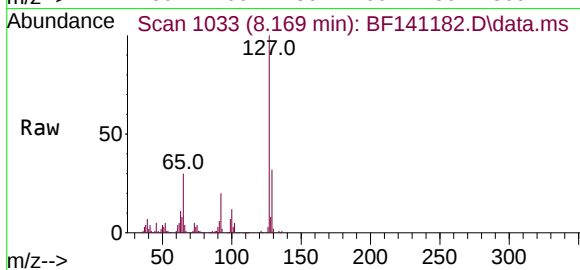
Ion Ratio Lower Upper

127 100

129 31.6 25.9 38.9

65 30.0 23.8 35.8

92 19.5 15.2 22.8



#34

Hexachlorobutadiene

Concen: 48.583 ng

RT: 8.240 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

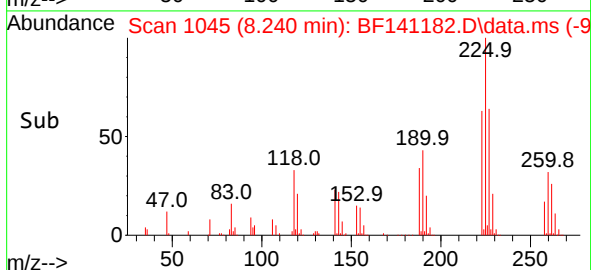
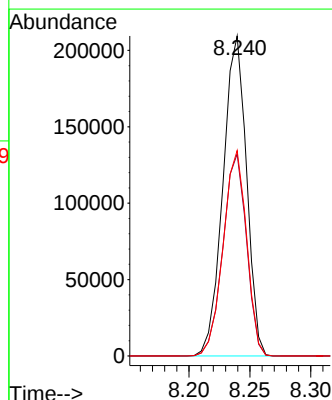
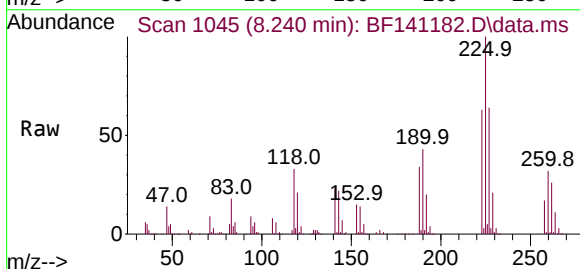
Tgt Ion:225 Resp: 281930

Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 64.2 51.6 77.4

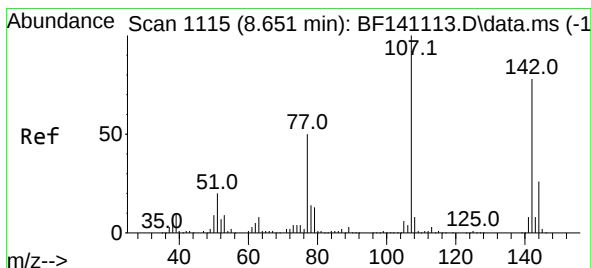
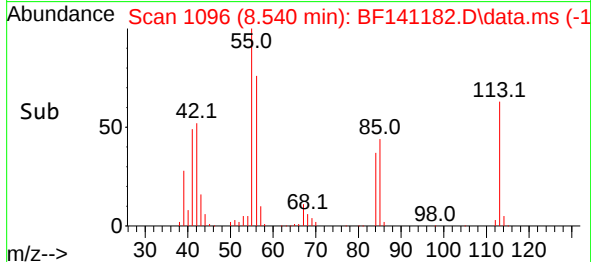
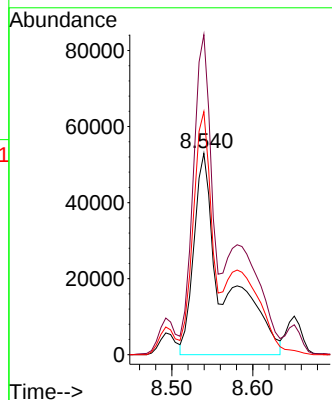
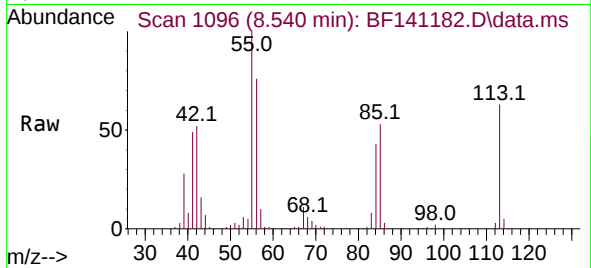




#35
Caprolactam
Concen: 50.109 ng m
RT: 8.540 min Scan# 1097
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

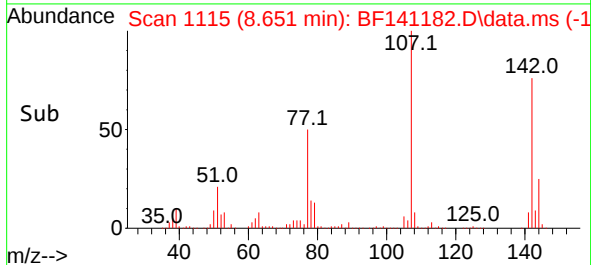
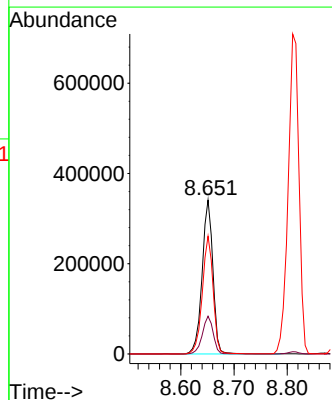
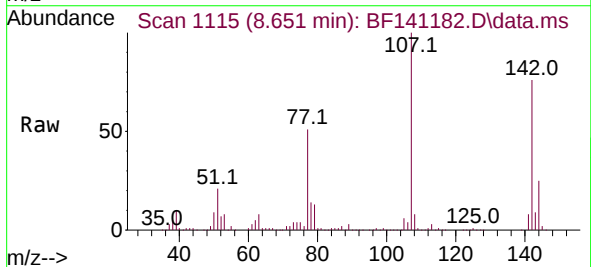
Instrument :
BNA_F
ClientSampleId :
PB166033BS

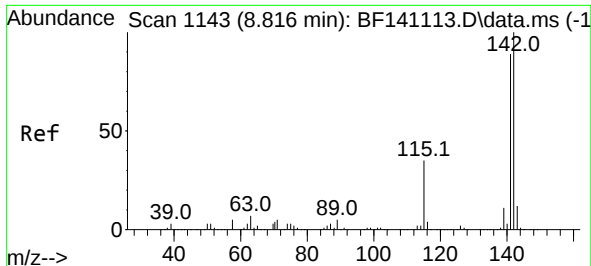
Tgt Ion:113 Resp: 138224
Ion Ratio Lower Upper
113 100
55 158.9 139.7 179.7
56 120.7 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 52.081 ng
RT: 8.651 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:107 Resp: 479905
Ion Ratio Lower Upper
107 100
144 24.6 20.4 30.6
142 76.5 62.2 93.2





#37

2-Methylnaphthalene

Concen: 50.538 ng

RT: 8.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

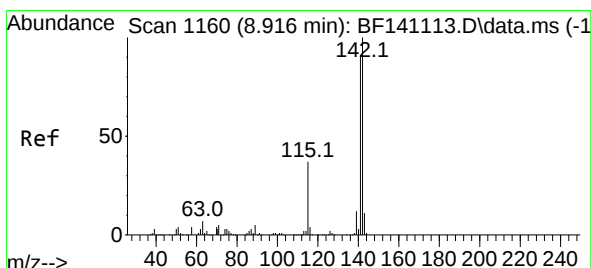
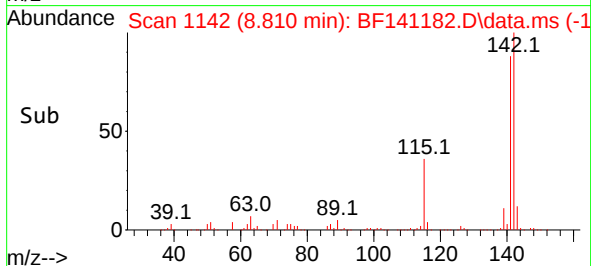
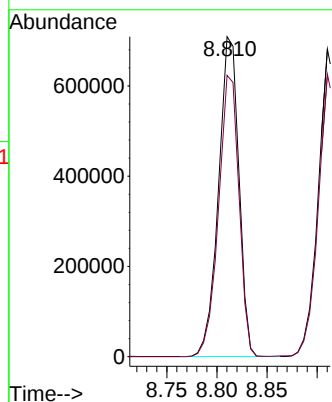
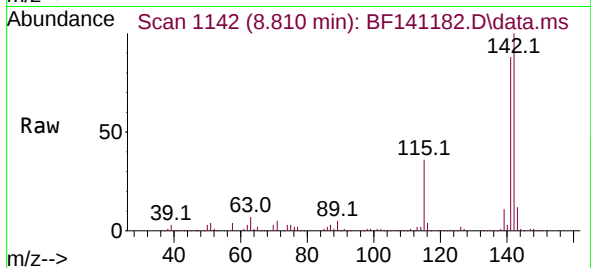
PB166033BS

Tgt Ion:142 Resp: 998741

Ion Ratio Lower Upper

142 100

141 87.9 71.3 106.9



#38

1-Methylnaphthalene

Concen: 47.852 ng

RT: 8.910 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF141182.D

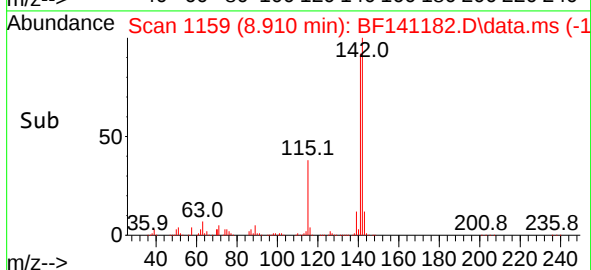
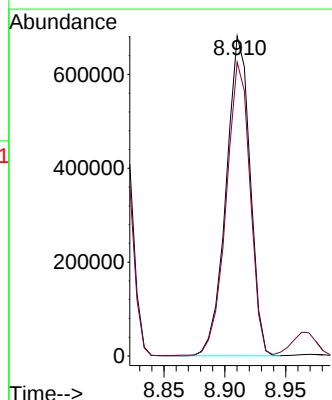
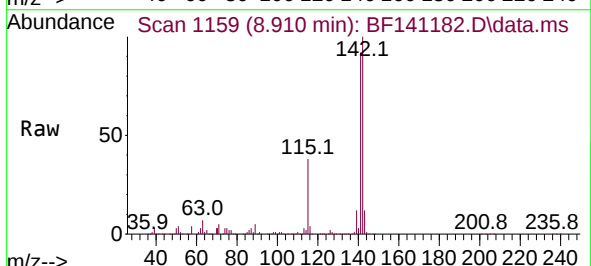
Acq: 16 Jan 2025 13:48

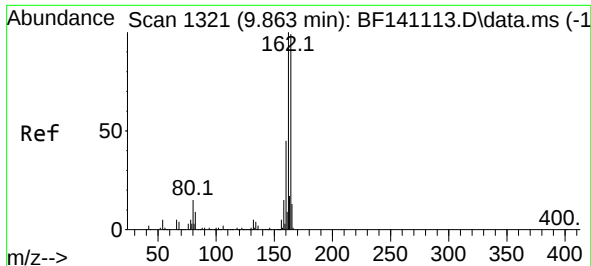
Tgt Ion:142 Resp: 931967

Ion Ratio Lower Upper

142 100

141 91.8 73.1 109.7

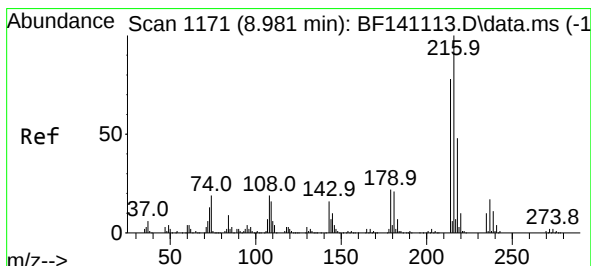
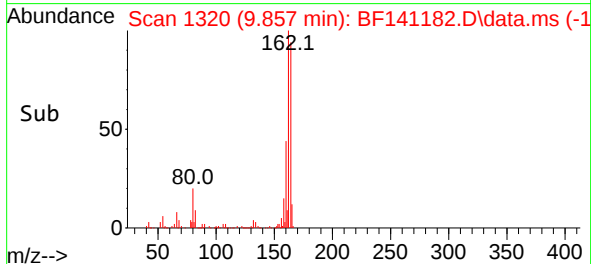
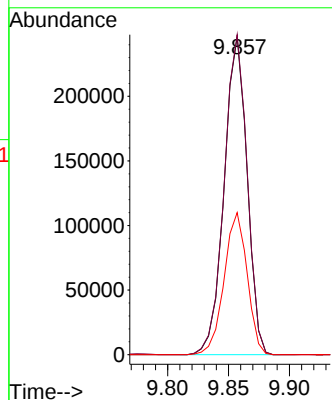
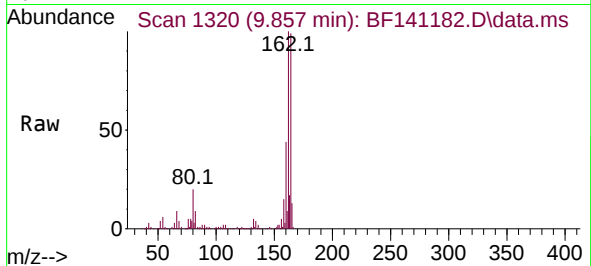




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

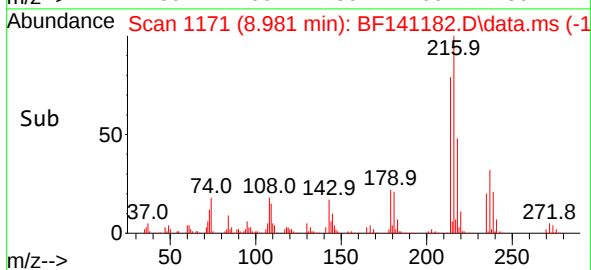
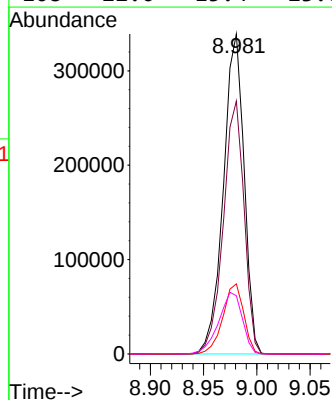
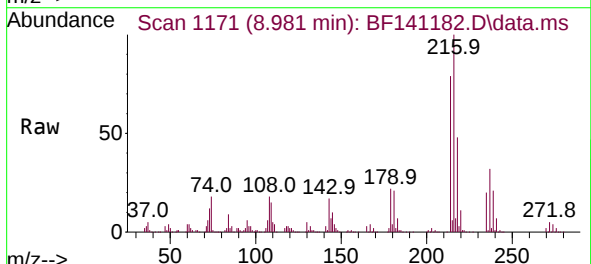
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:164 Resp: 322280
Ion Ratio Lower Upper
164 100
162 100.7 81.0 121.4
160 44.7 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.482 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:216 Resp: 457713
Ion Ratio Lower Upper
216 100
214 78.9 62.6 94.0
179 22.1 17.7 26.5
108 22.0 15.4 23.0

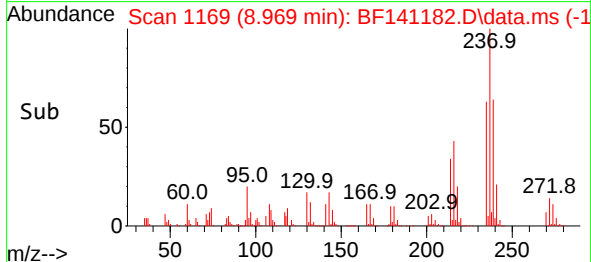
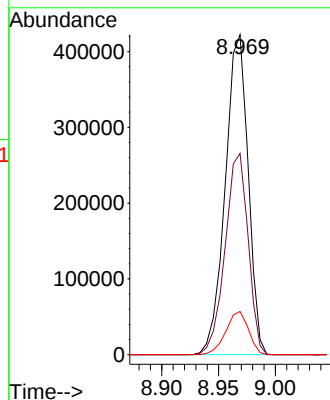
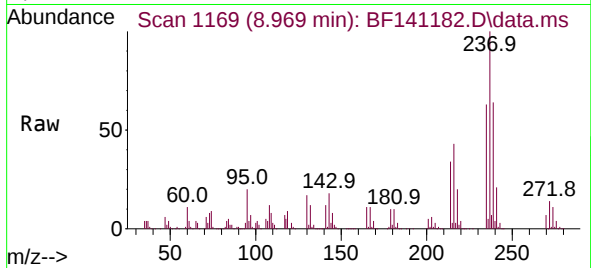




#41
Hexachlorocyclopentadiene
Concen: 195.721 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

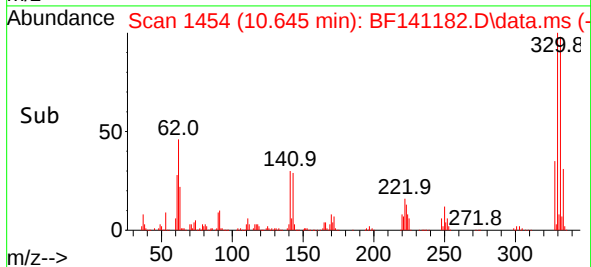
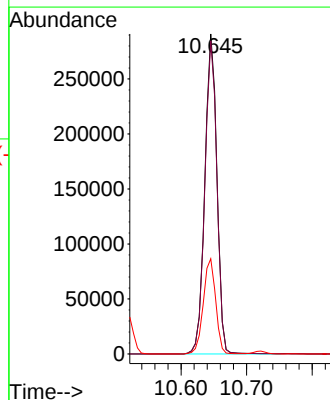
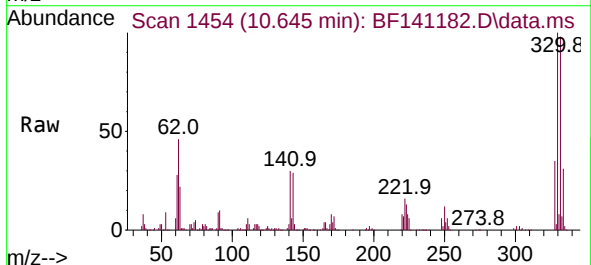
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:237 Resp: 592312
Ion Ratio Lower Upper
237 100
235 62.9 43.0 83.0
272 13.5 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 101.651 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:330 Resp: 373279
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 30.6 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 53.212 ng

RT: 9.087 min Scan# 1189

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

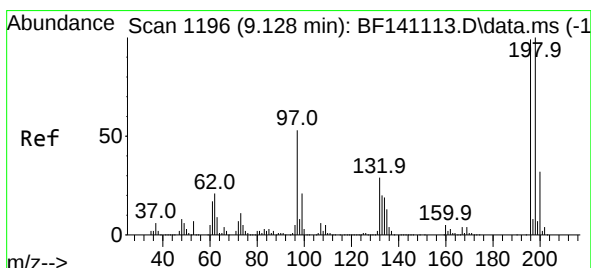
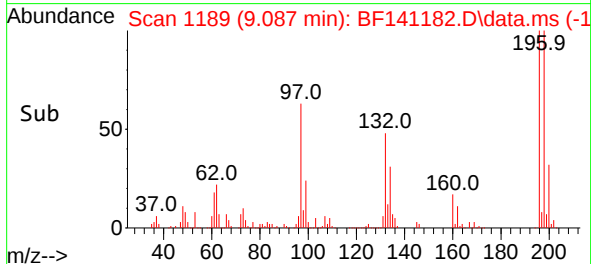
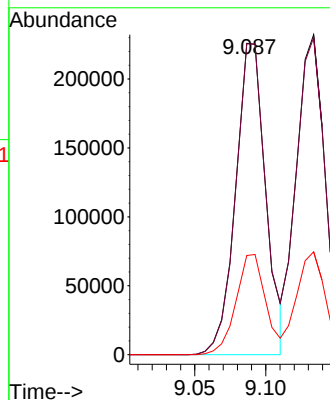
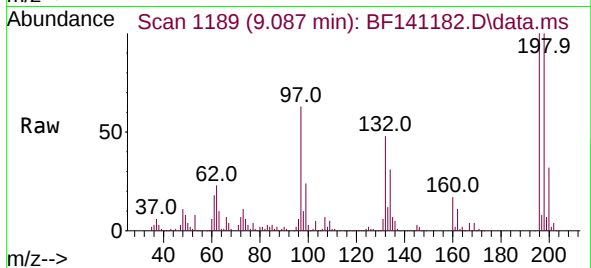
Tgt Ion:196 Resp: 331969

Ion Ratio Lower Upper

196 100

198 99.8 80.8 121.2

200 31.9 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 49.399 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Tgt Ion:196 Resp: 325478

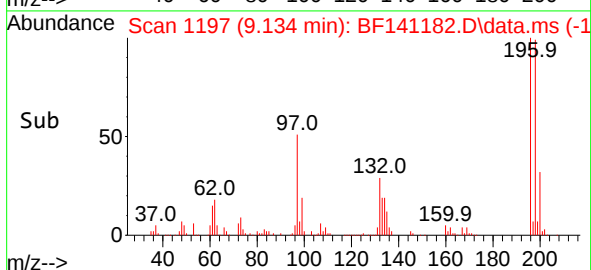
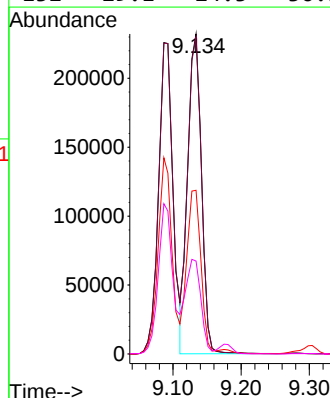
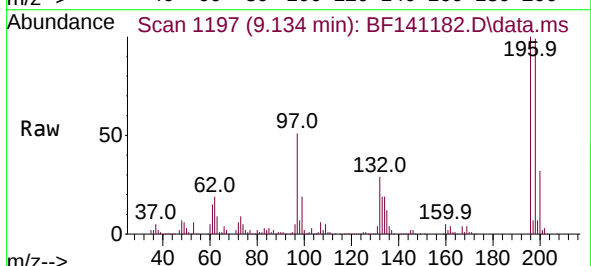
Ion Ratio Lower Upper

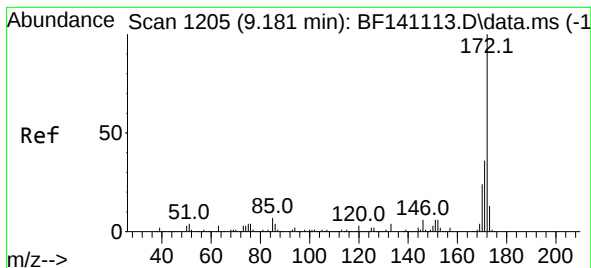
196 100

198 99.1 80.6 120.8

97 51.2 43.1 64.7

132 29.1 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 93.395 ng

RT: 9.181 min Scan# 1205

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

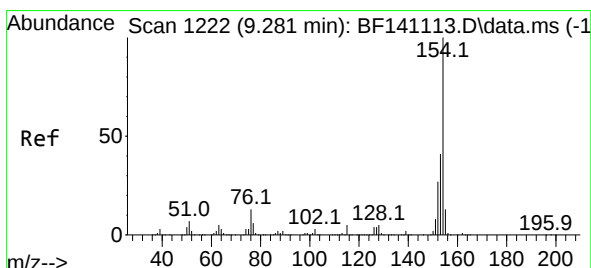
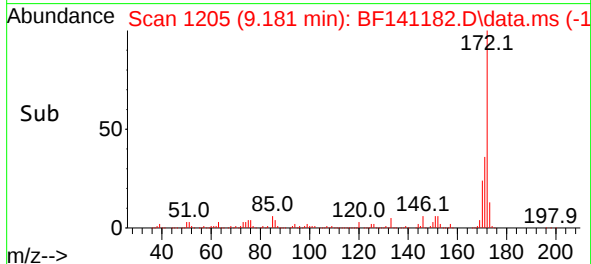
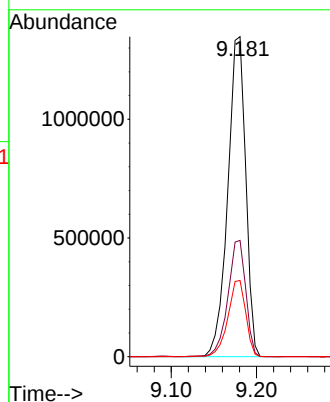
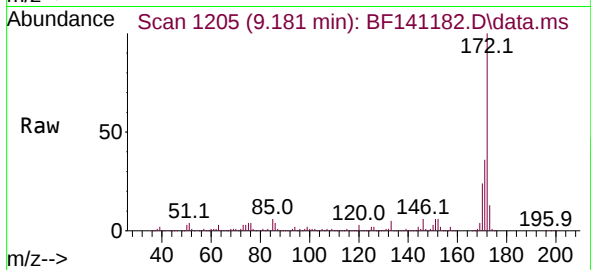
Tgt Ion:172 Resp: 1971084

Ion Ratio Lower Upper

172 100

171 36.3 28.7 43.1

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 49.278 ng

RT: 9.281 min Scan# 1222

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

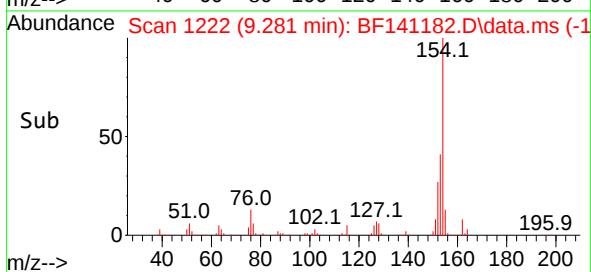
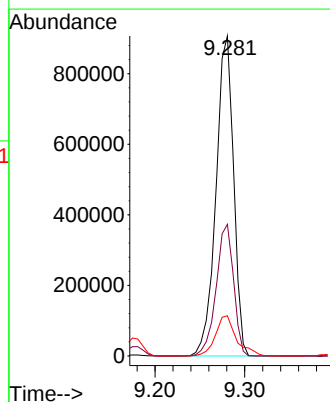
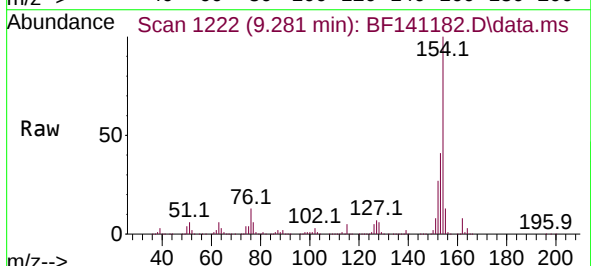
Tgt Ion:154 Resp: 1233345

Ion Ratio Lower Upper

154 100

153 41.2 20.7 60.7

76 12.5 0.0 33.1





#47

2-Chloronaphthalene

Concen: 47.422 ng

RT: 9.304 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

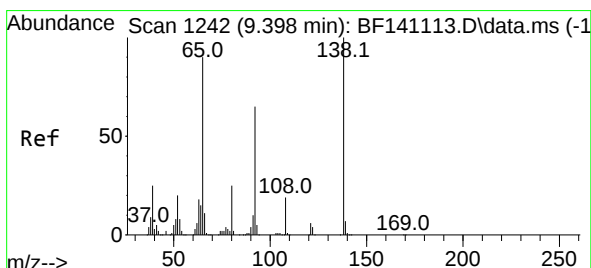
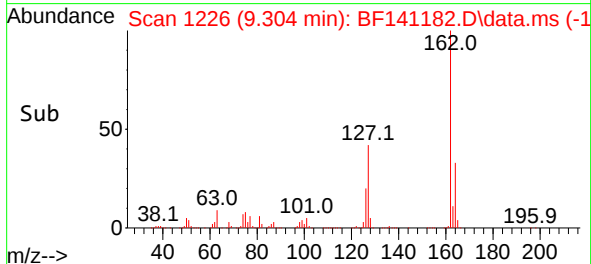
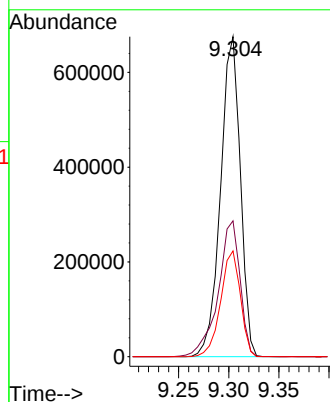
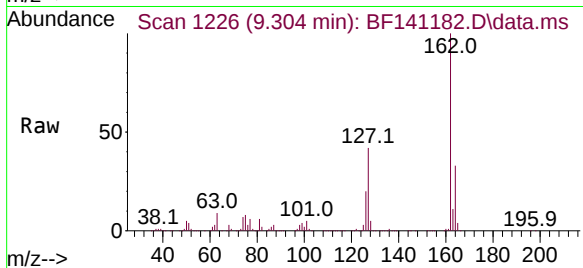
Tgt Ion:162 Resp: 924443

Ion Ratio Lower Upper

162 100

127 42.4 34.6 51.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 50.198 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

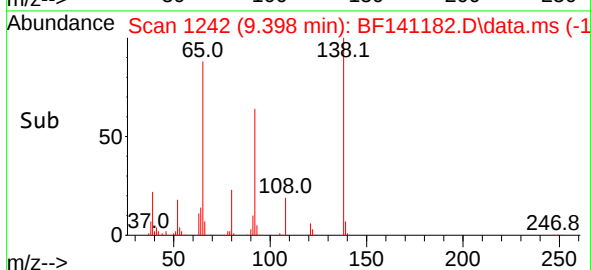
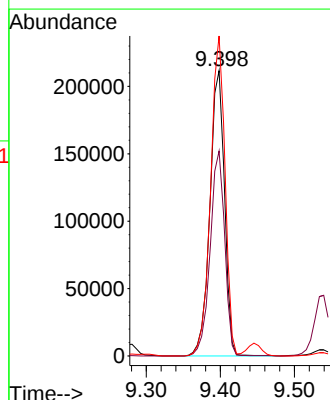
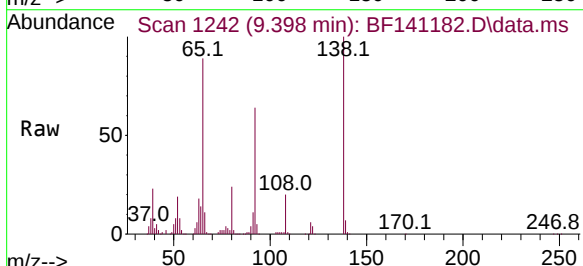
Tgt Ion: 65 Resp: 290077

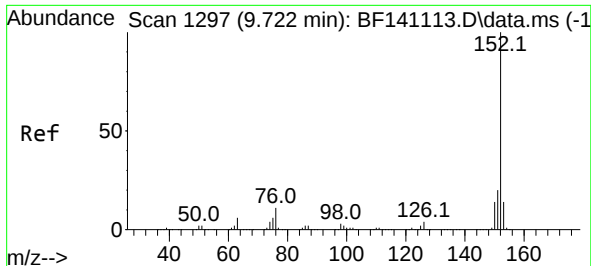
Ion Ratio Lower Upper

65 100

92 71.9 58.3 87.5

138 112.2 89.1 133.7

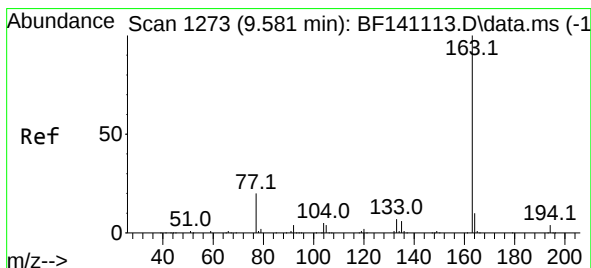
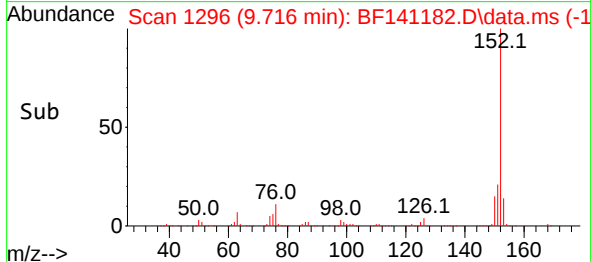
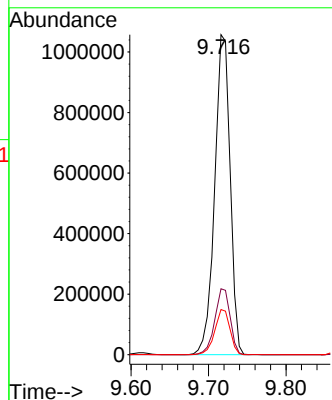
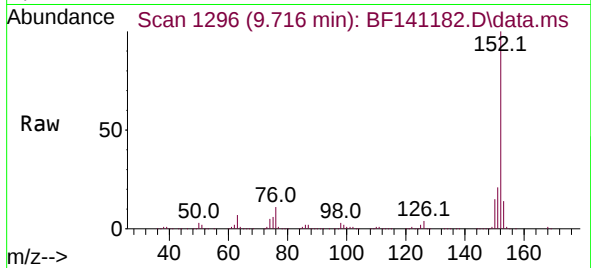




#49
Acenaphthylene
Concen: 52.553 ng
RT: 9.716 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

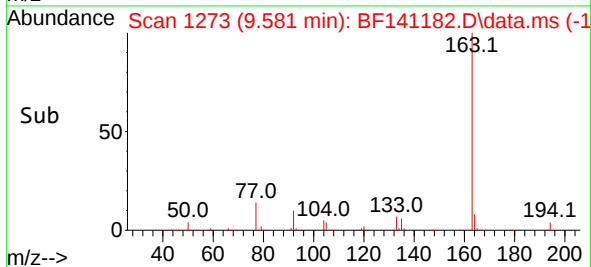
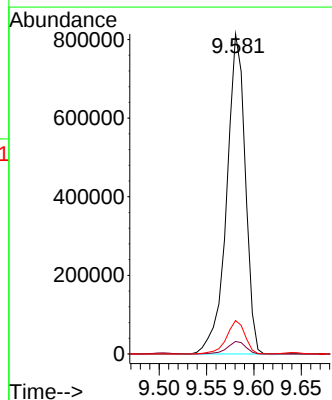
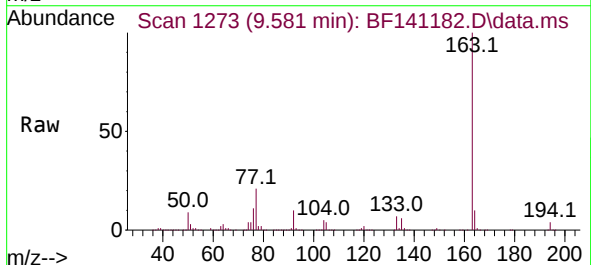
Instrument :
BNA_F
ClientSampleId :
PB166033BS

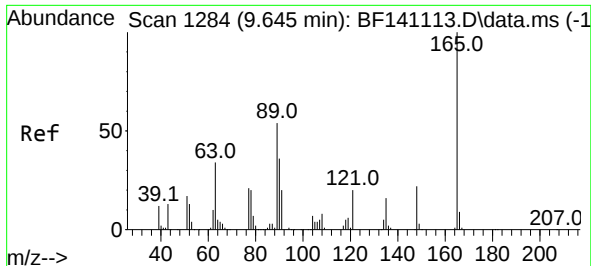
Tgt Ion:152 Resp: 1463666
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 14.1 11.1 16.7



#50
Dimethylphthalate
Concen: 51.494 ng
RT: 9.581 min Scan# 1273
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:163 Resp: 1114131
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.5 8.2 12.4

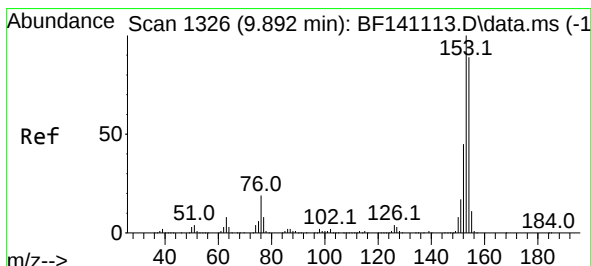
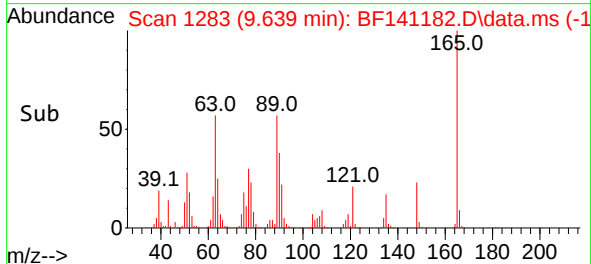
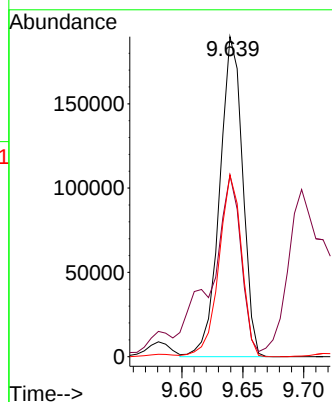
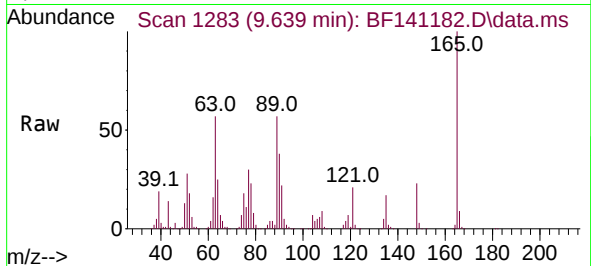




#51
2,6-Dinitrotoluene
Concen: 49.557 ng
RT: 9.639 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

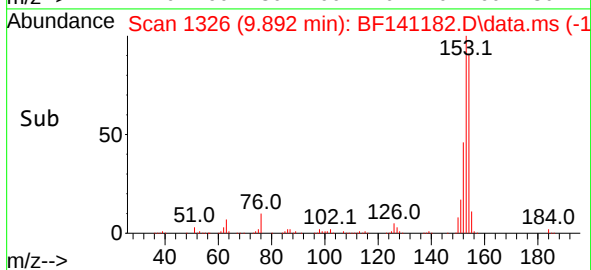
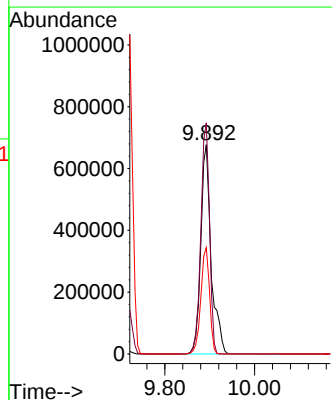
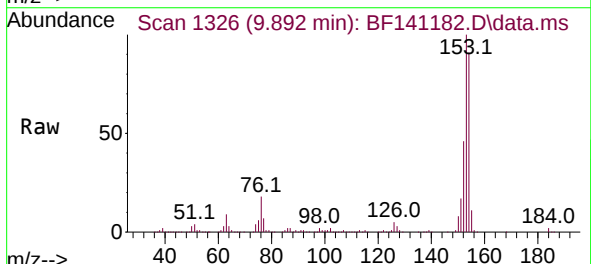
Instrument :
BNA_F
ClientSampleId :
PB166033BS

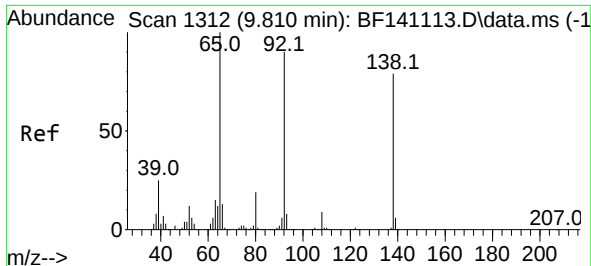
Tgt Ion:165 Resp: 249340
Ion Ratio Lower Upper
165 100
63 56.8 42.3 63.5
89 56.7 43.1 64.7



#52
Acenaphthene
Concen: 55.908 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:154 Resp: 1087854
Ion Ratio Lower Upper
154 100
153 110.5 89.8 134.6
152 50.8 40.8 61.2

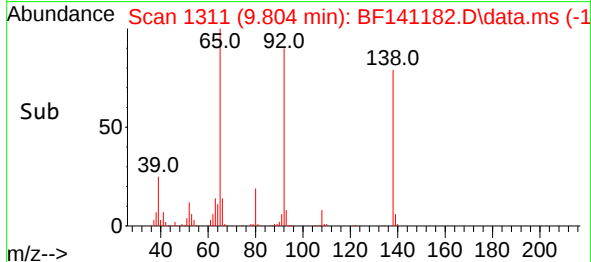
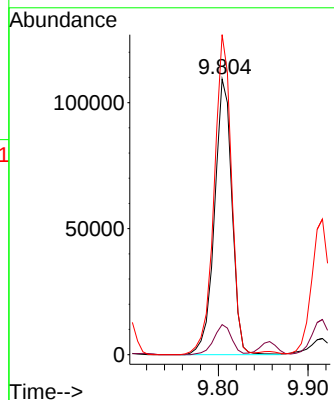
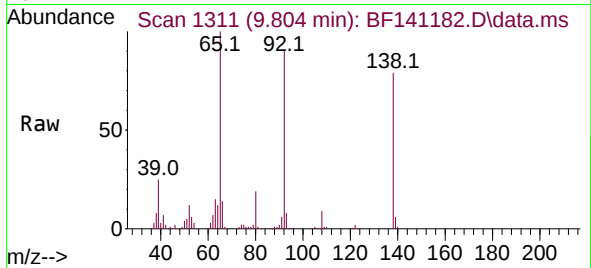




#53
3-Nitroaniline
Concen: 28.852 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

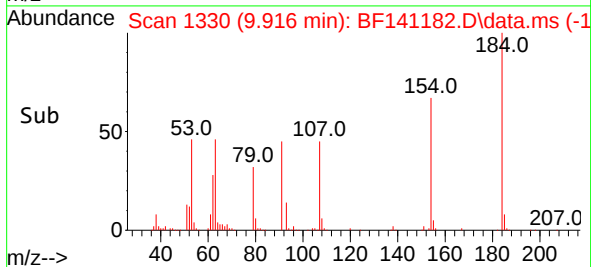
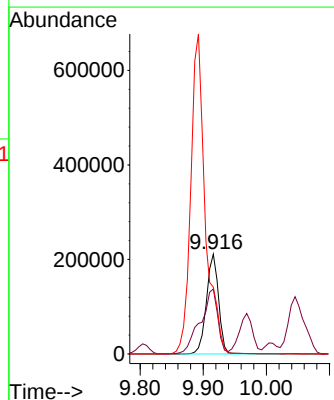
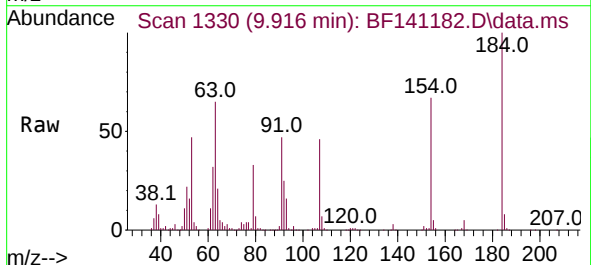
Instrument :
BNA_F
ClientSampleId :
PB166033BS

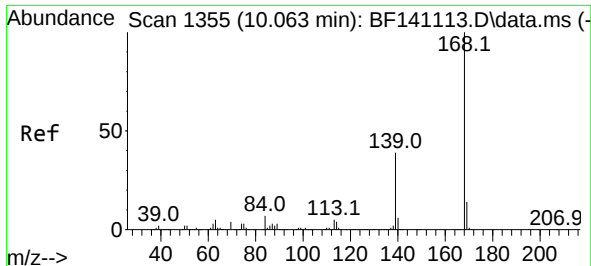
Tgt Ion:138 Resp: 147518
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 116.2 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 118.709 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:184 Resp: 283893
Ion Ratio Lower Upper
184 100
63 65.1 48.7 73.1
154 66.9 57.1 85.7

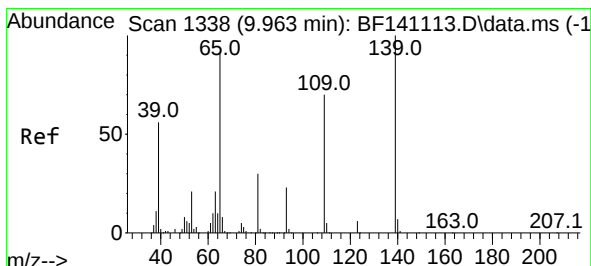
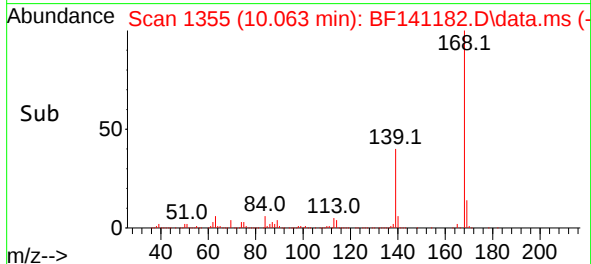
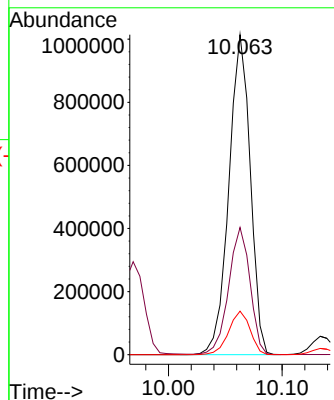
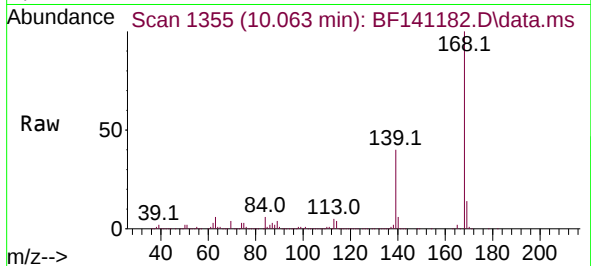




#55
Dibenzenofuran
Concen: 50.108 ng
RT: 10.063 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

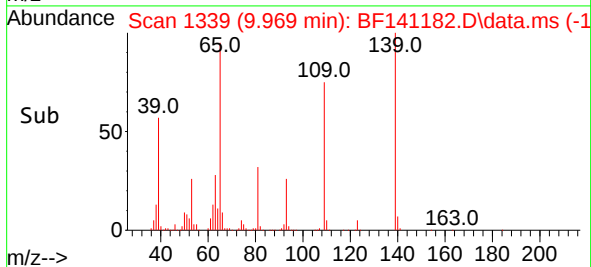
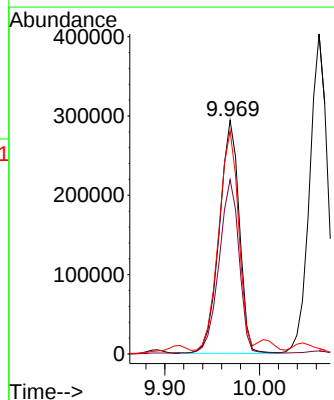
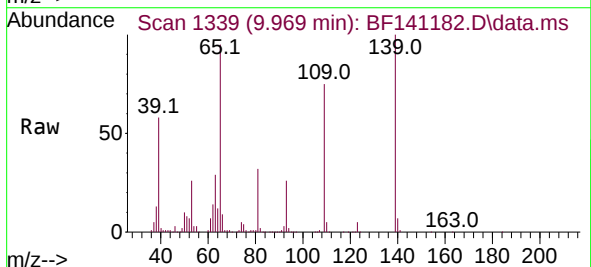
Instrument :
BNA_F
ClientSampleId :
PB166033BS

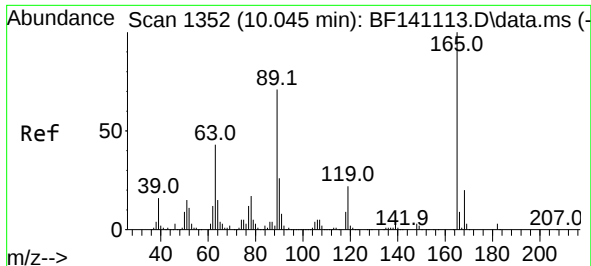
Tgt Ion:168 Resp: 1326201
Ion Ratio Lower Upper
168 100
139 39.8 31.4 47.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 107.845 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:139 Resp: 431841
Ion Ratio Lower Upper
139 100
109 74.6 50.2 90.2
65 95.4 72.1 112.1

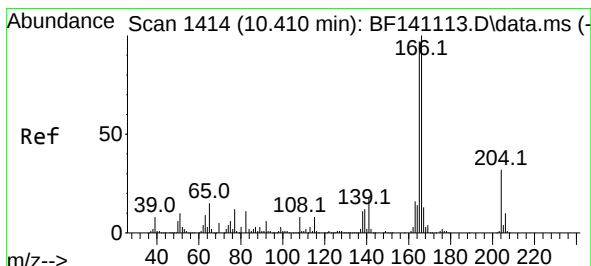
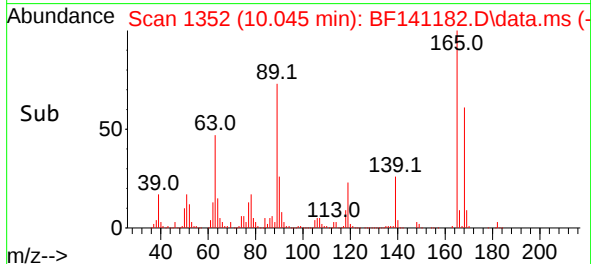
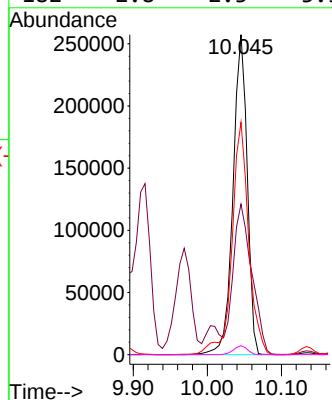
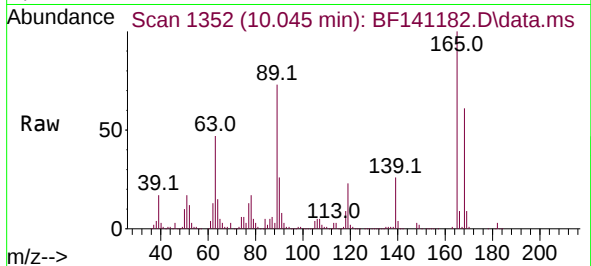




#57
2,4-Dinitrotoluene
Concen: 52.766 ng
RT: 10.045 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

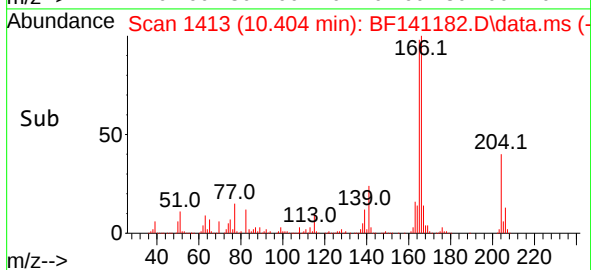
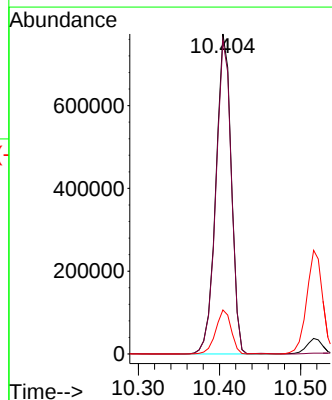
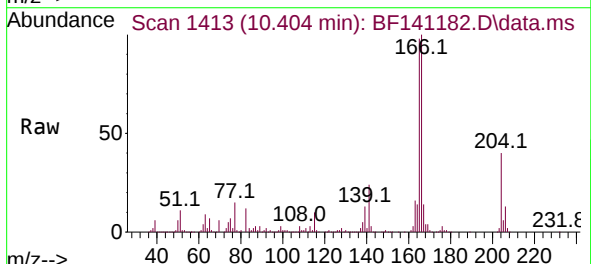
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:165 Resp: 342135
Ion Ratio Lower Upper
165 100
63 47.1 35.0 52.4
89 72.6 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 49.684 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:166 Resp: 1021601
Ion Ratio Lower Upper
166 100
165 98.0 77.8 116.8
167 13.8 10.8 16.2

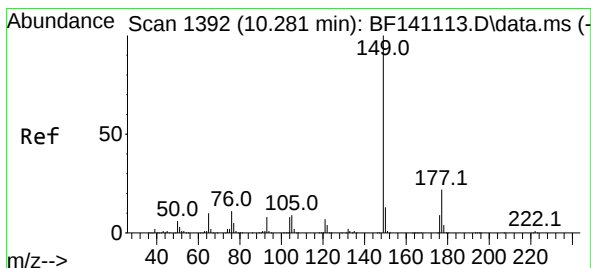
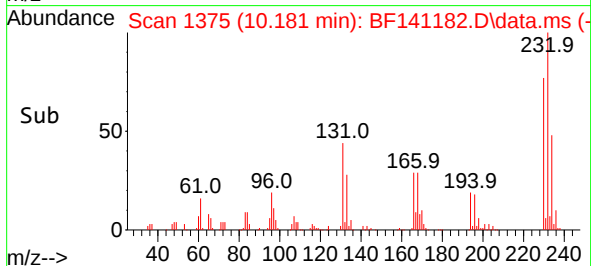
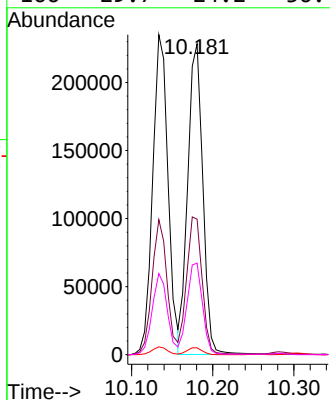
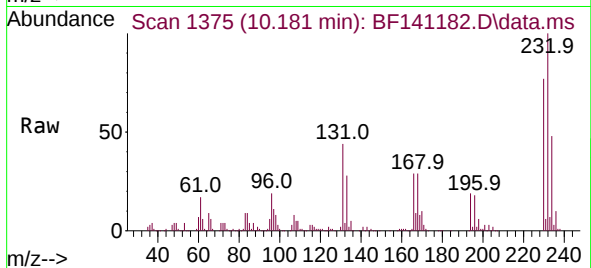




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.967 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

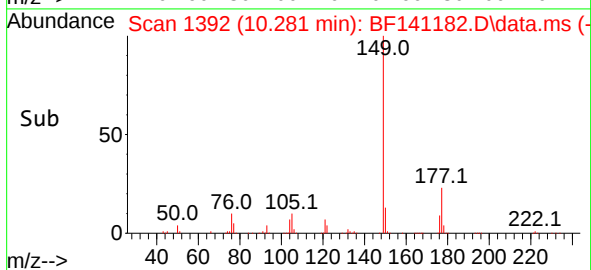
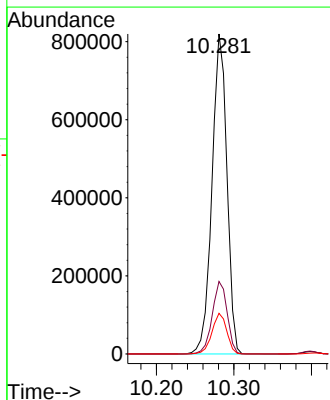
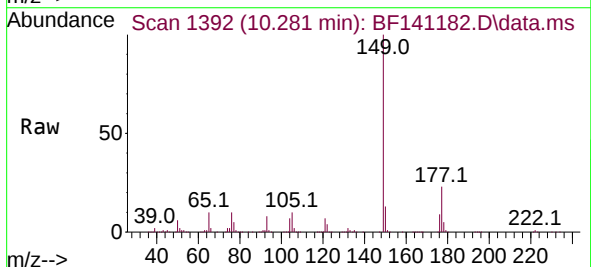
Instrument :
BNA_F
ClientSampleId :
PB166033BS

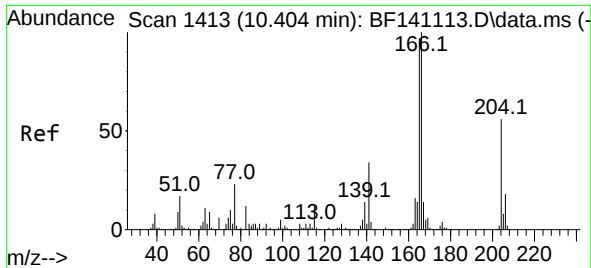
Tgt Ion:232 Resp: 295560
Ion Ratio Lower Upper
232 100
131 45.6 36.2 54.4
130 2.3 2.0 3.0
166 29.7 24.2 36.4



#60
Diethylphthalate
Concen: 51.851 ng
RT: 10.281 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:149 Resp: 1095201
Ion Ratio Lower Upper
149 100
177 22.7 17.9 26.9
150 12.7 10.2 15.2

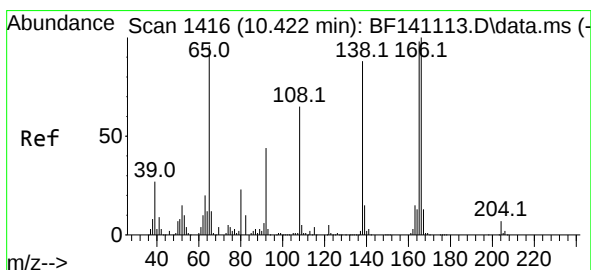
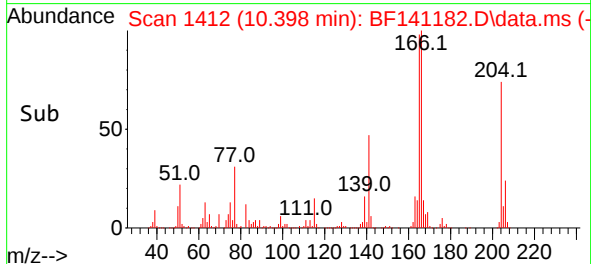
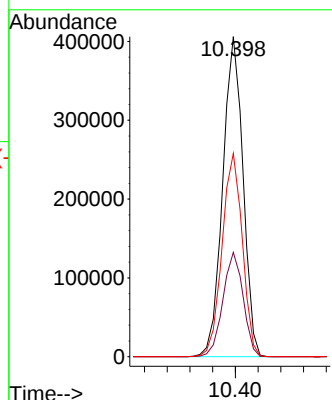
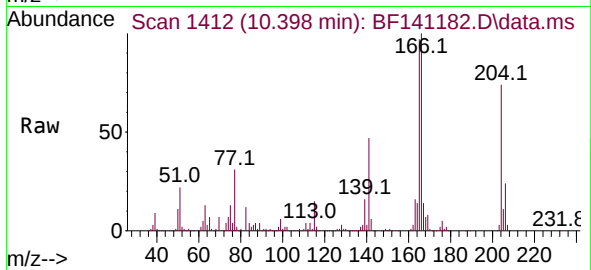




#61
4-Chlorophenyl-phenylether
Concen: 50.217 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

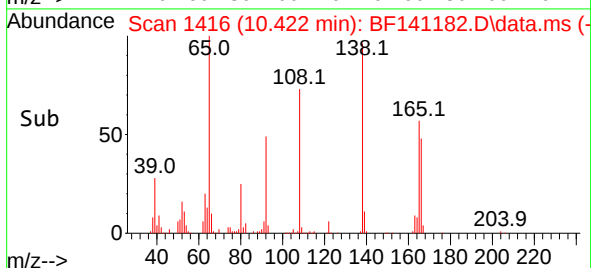
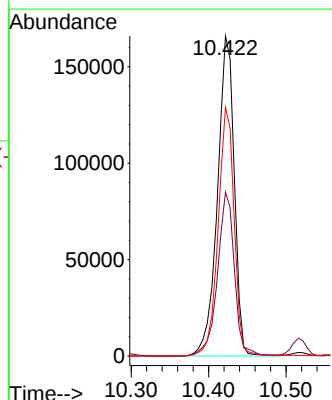
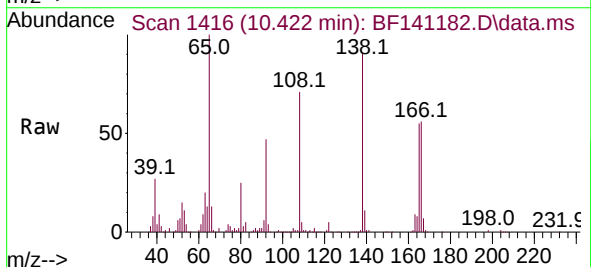
Instrument :
BNA_F
ClientSampleId :
PB166033BS

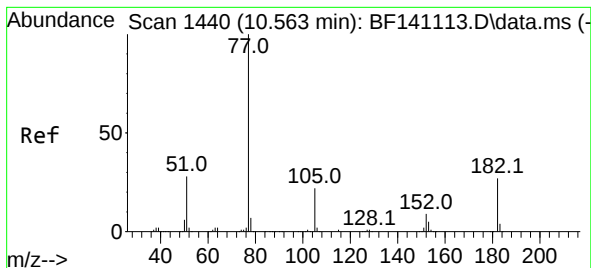
Tgt Ion:204 Resp: 503261
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 63.5 49.1 73.7



#62
4-Nitroaniline
Concen: 50.017 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:138 Resp: 250296
Ion Ratio Lower Upper
138 100
92 51.3 29.4 69.4
108 77.7 53.7 93.7





#63

Azobenzene

Concen: 50.356 ng

RT: 10.557 min Scan# 1440

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

Tgt Ion: 77 Resp: 1049506

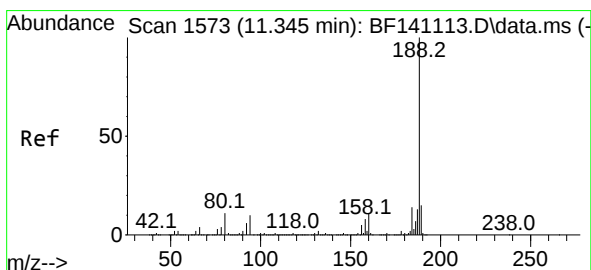
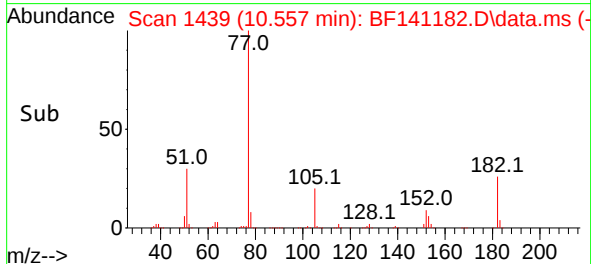
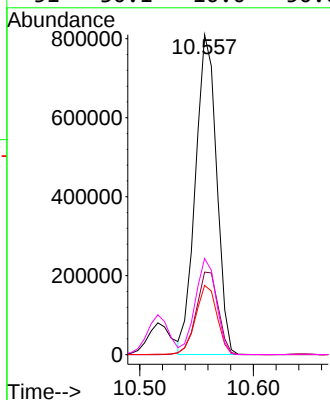
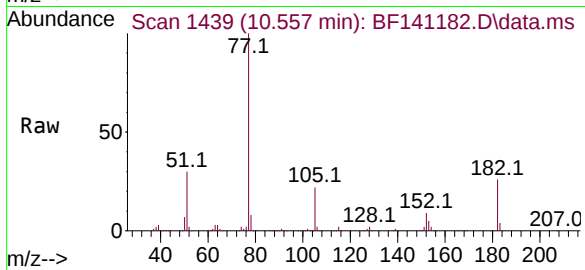
Ion Ratio Lower Upper

77 100

182 25.8 6.1 46.1

105 21.6 2.1 42.1

51 30.1 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: BF141182.D

Acq: 16 Jan 2025 13:48

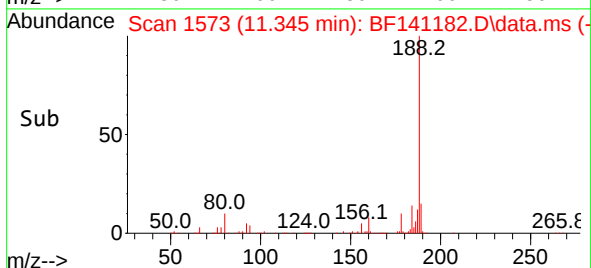
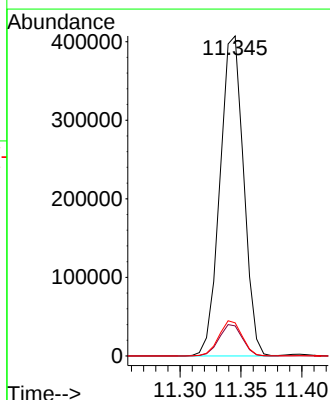
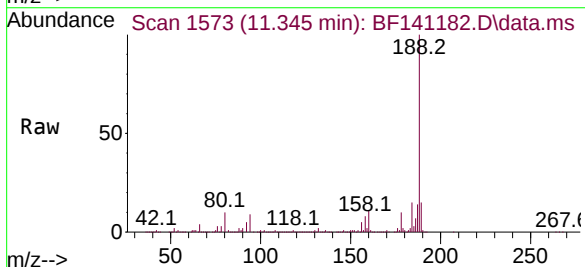
Tgt Ion:188 Resp: 550858

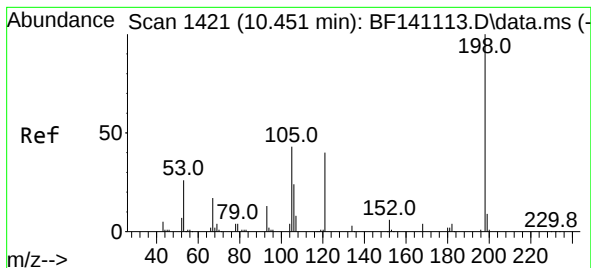
Ion Ratio Lower Upper

188 100

94 9.4 8.3 12.5

80 10.4 9.0 13.4

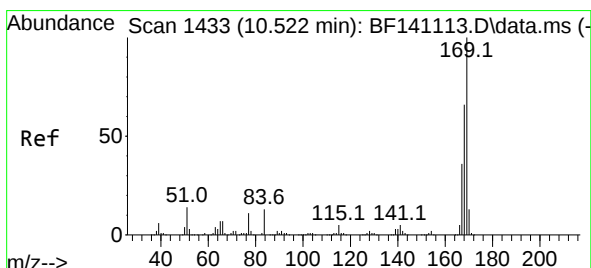
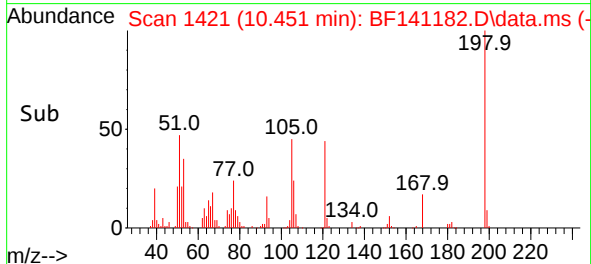
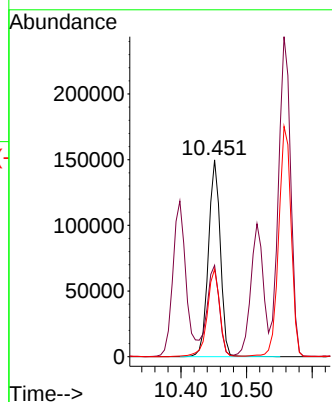
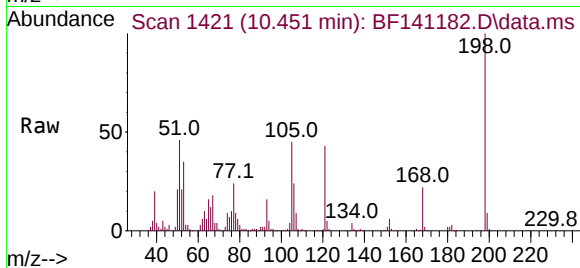




#65
4,6-Dinitro-2-methylphenol
Concen: 59.451 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

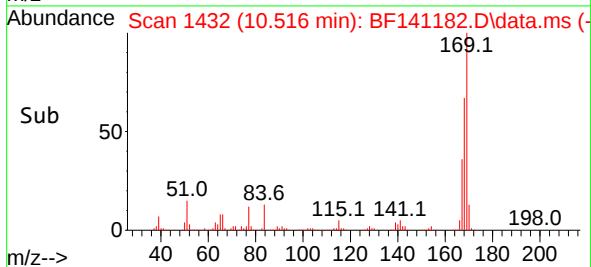
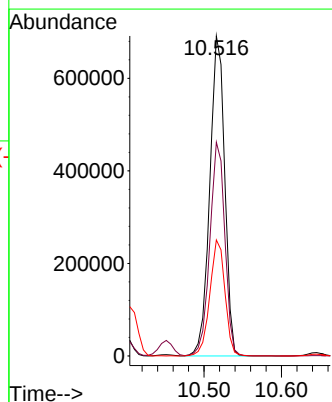
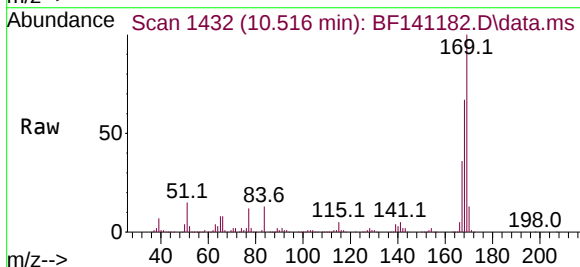
Instrument :
BNA_F
ClientSampleId :
PB166033BS

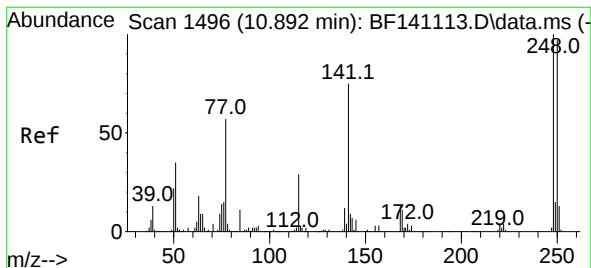
Tgt Ion:198 Resp: 189771
Ion Ratio Lower Upper
198 100
51 46.4 27.1 67.1
105 44.5 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 52.022 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:169 Resp: 924303
Ion Ratio Lower Upper
169 100
168 66.8 52.5 78.7
167 36.2 28.9 43.3

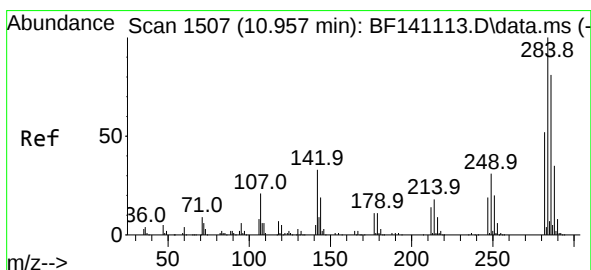
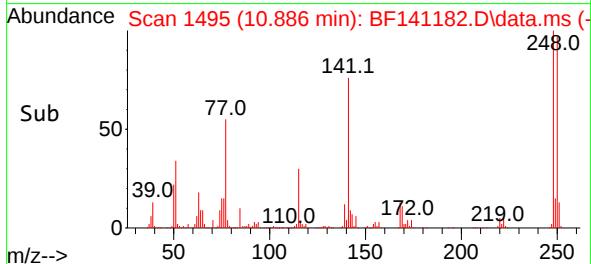
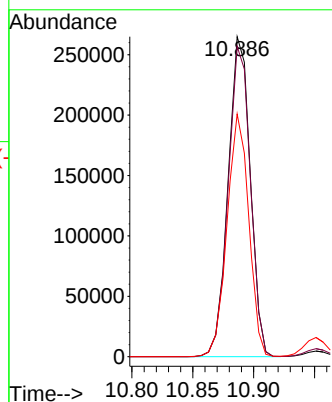
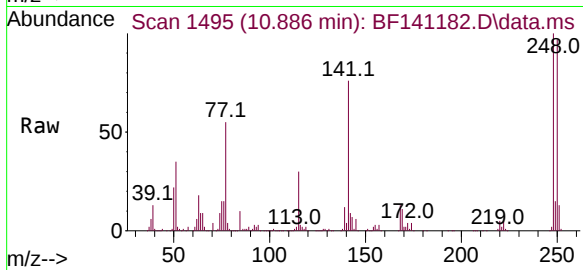




#67
4-Bromophenyl-phenylether
Concen: 52.849 ng
RT: 10.886 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

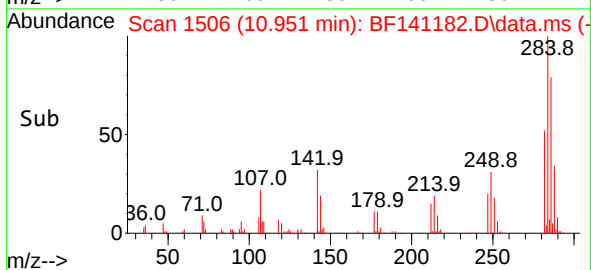
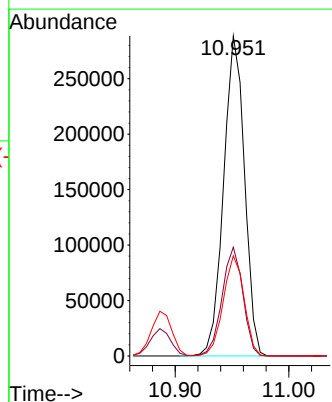
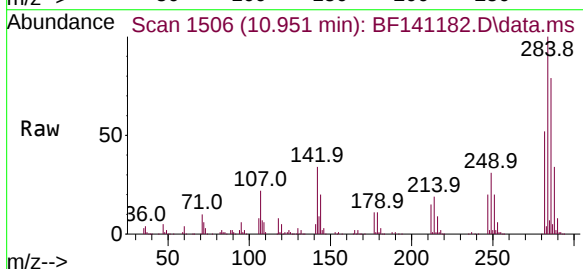
Instrument :
BNA_F
ClientSampleId :
PB166033BS

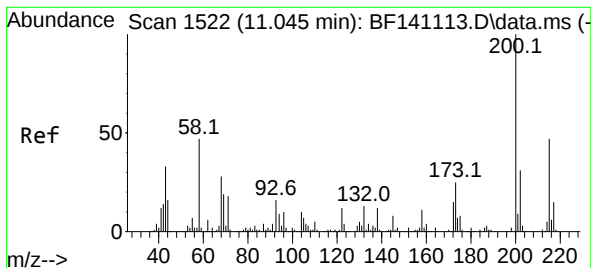
Tgt Ion:248 Resp: 335172
Ion Ratio Lower Upper
248 100
250 97.0 77.9 116.9
141 75.9 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.245 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:284 Resp: 368841
Ion Ratio Lower Upper
284 100
142 34.0 26.3 39.5
249 31.3 24.9 37.3





#69

Atrazine

Concen: 68.319 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

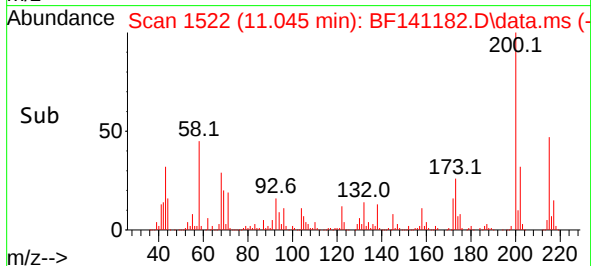
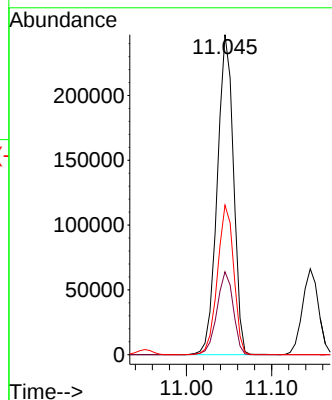
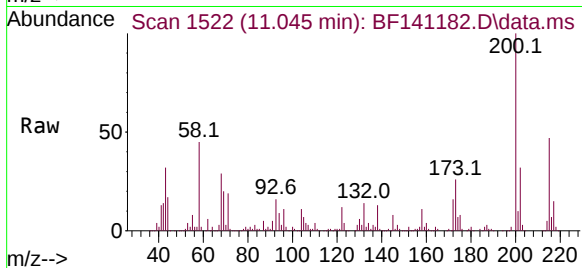
Tgt Ion:200 Resp: 326841

Ion Ratio Lower Upper

200 100

173 25.9 5.4 45.4

215 46.7 26.6 66.6



#70

Pentachlorophenol

Concen: 104.421 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

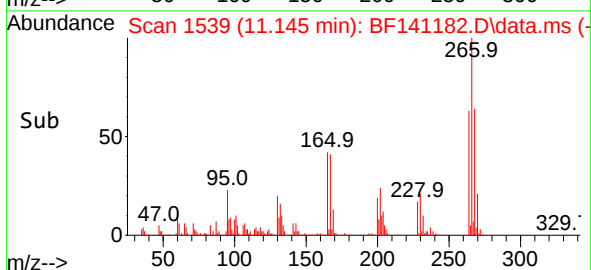
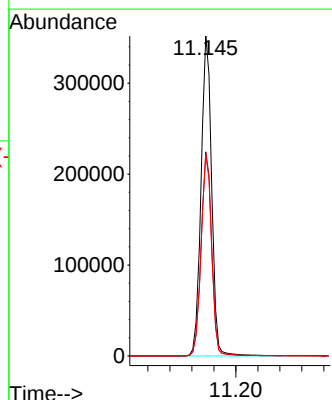
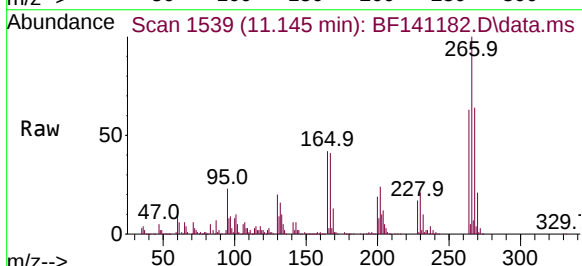
Tgt Ion:266 Resp: 472102

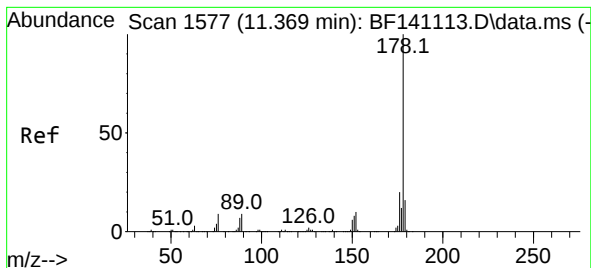
Ion Ratio Lower Upper

266 100

268 63.8 50.4 75.6

264 62.9 50.2 75.2





#71

Phenanthrene

Concen: 53.070 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

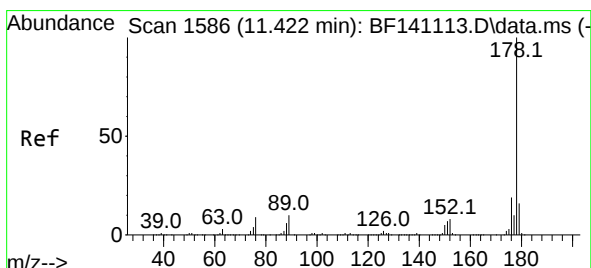
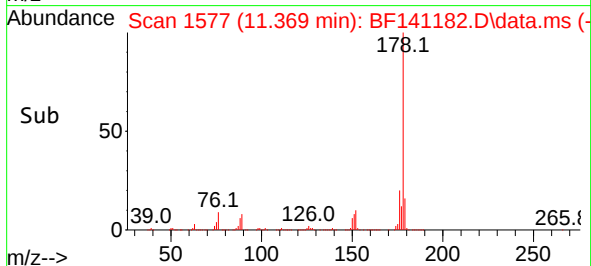
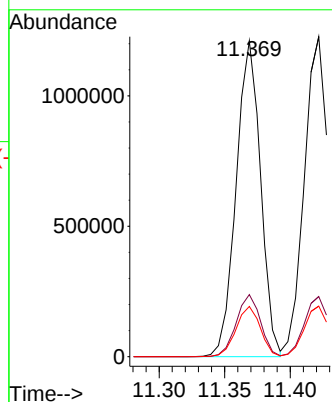
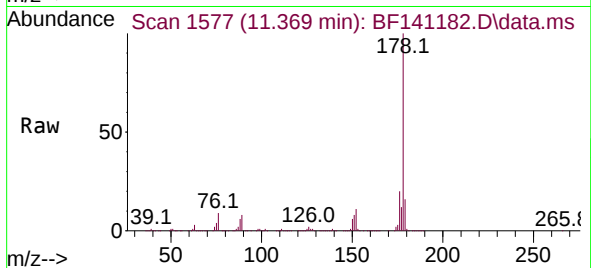
Tgt Ion:178 Resp: 1569472

Ion Ratio Lower Upper

178 100

176 19.6 15.7 23.5

179 15.9 12.6 19.0



#72

Anthracene

Concen: 54.975 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

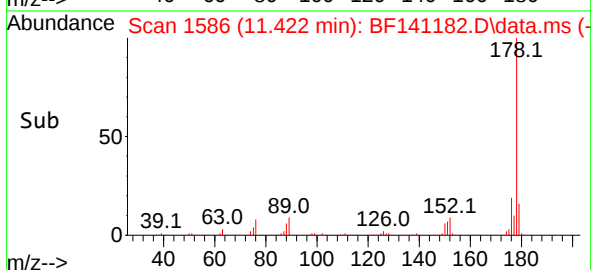
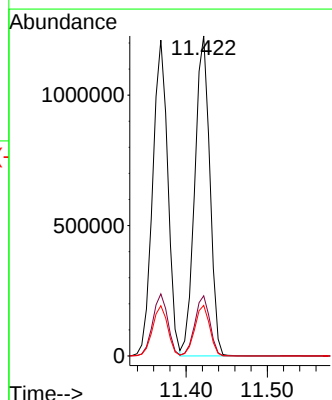
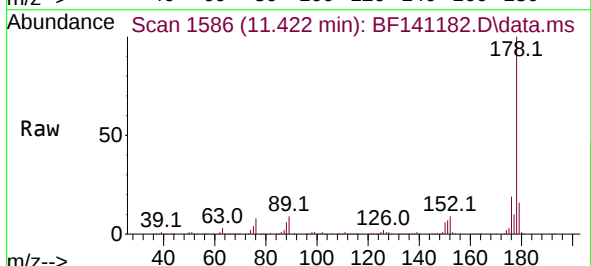
Tgt Ion:178 Resp: 1580873

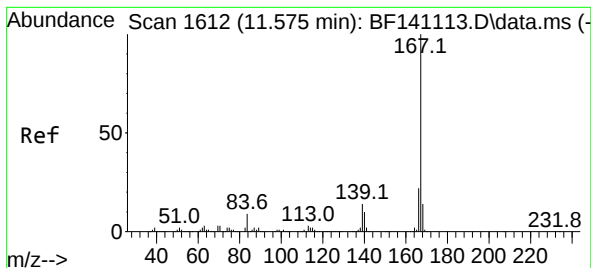
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.8 12.6 19.0





#73

Carbazole

Concen: 52.808 ng

RT: 11.575 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

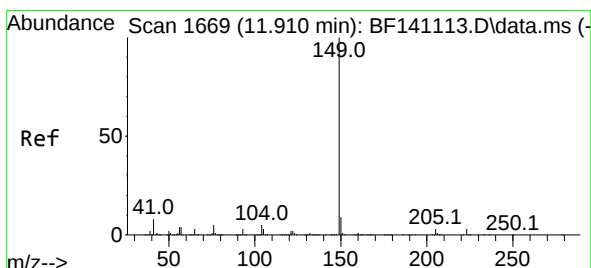
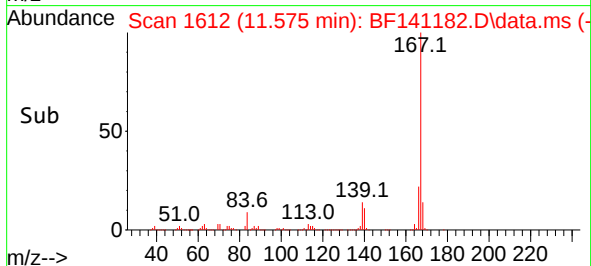
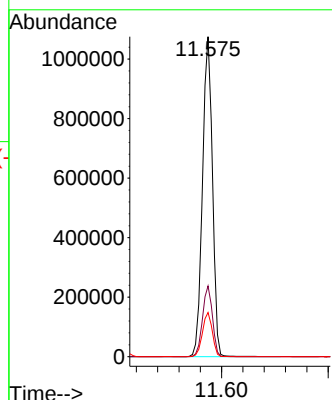
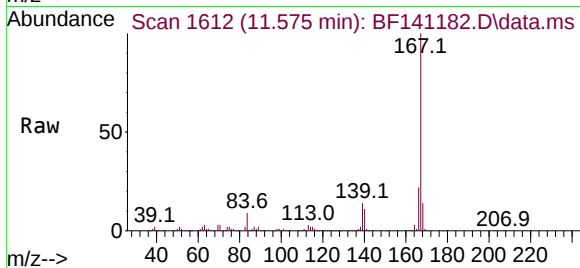
Tgt Ion:167 Resp: 1392408

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 55.835 ng

RT: 11.910 min Scan# 1669

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

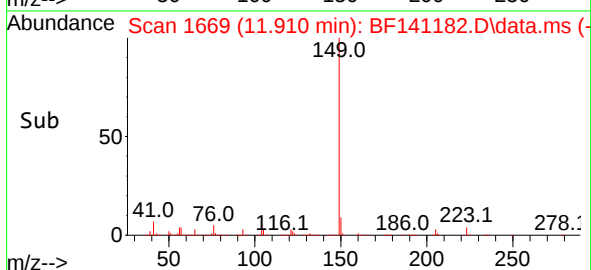
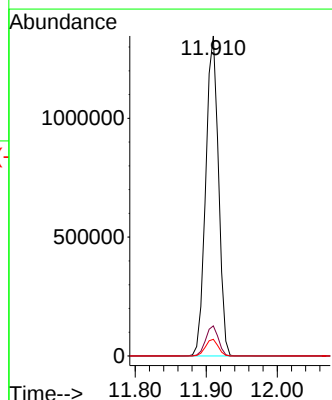
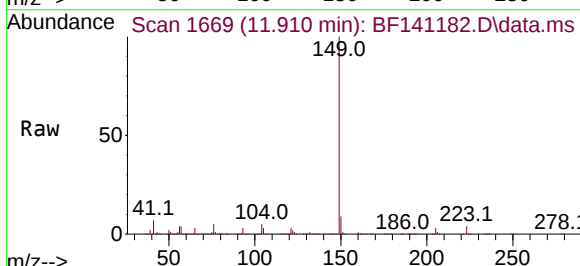
Tgt Ion:149 Resp: 1684836

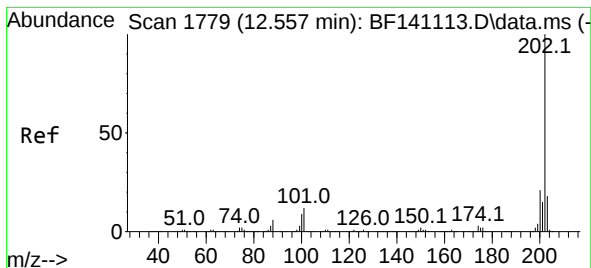
Ion Ratio Lower Upper

149 100

150 9.4 7.4 11.2

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 54.558 ng

RT: 12.557 min Scan# 1779

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

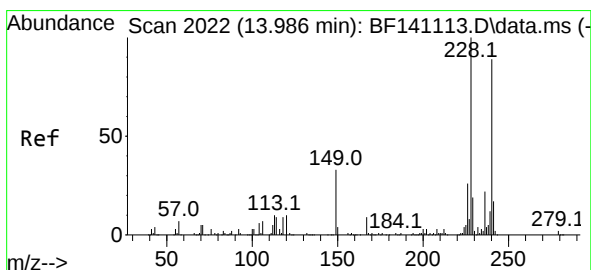
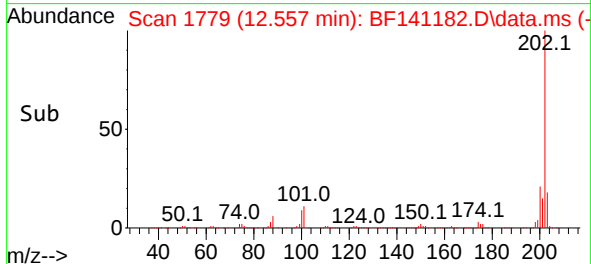
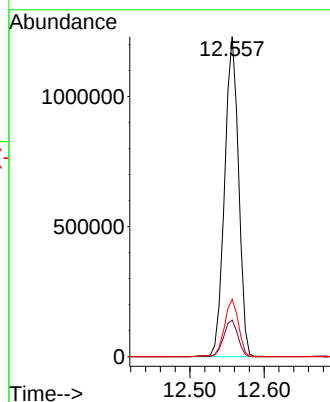
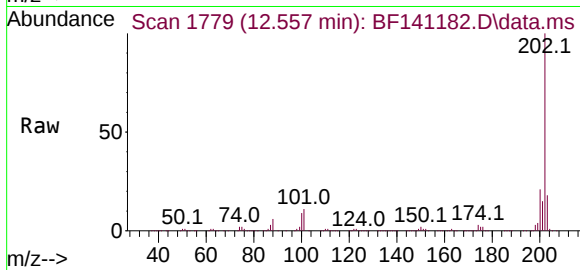
Tgt Ion:202 Resp: 1610105

Ion Ratio Lower Upper

202 100

101 11.4 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: BF141182.D

Acq: 16 Jan 2025 13:48

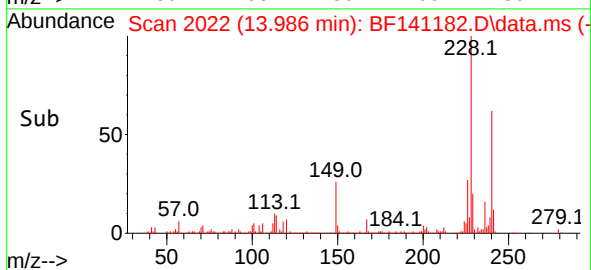
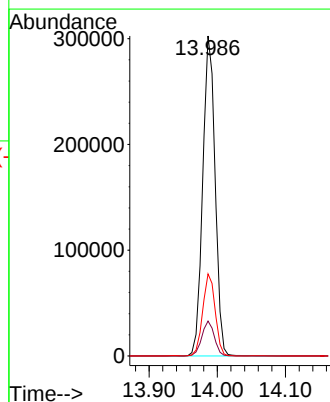
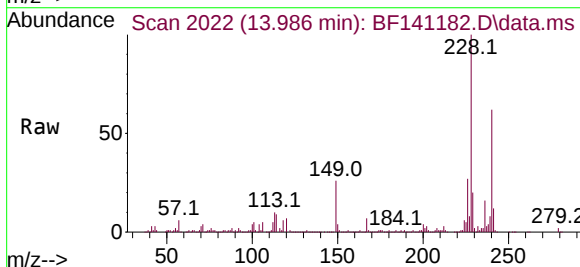
Tgt Ion:240 Resp: 381753

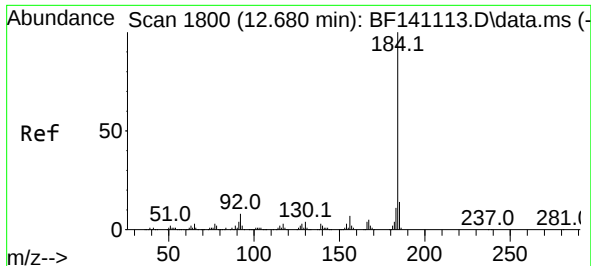
Ion Ratio Lower Upper

240 100

120 10.9 9.1 13.7

236 25.7 19.8 29.6

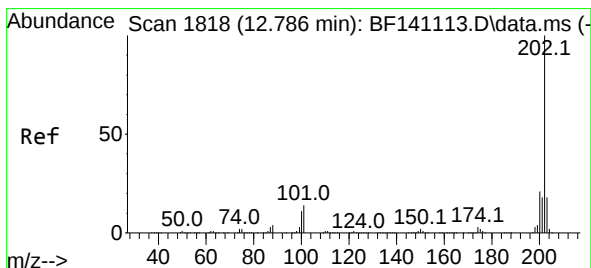
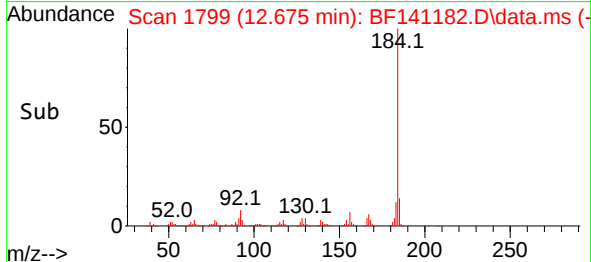
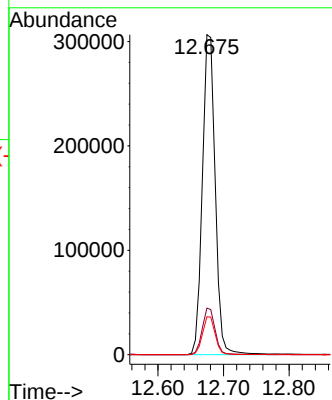
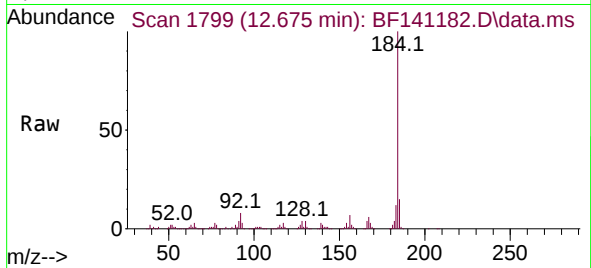




#77
Benzidine
Concen: 59.168 ng
RT: 12.675 min Scan# 1799
Delta R.T. -0.006 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

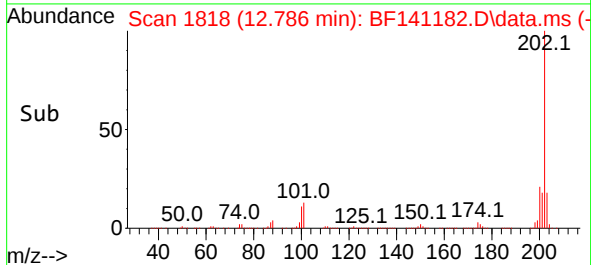
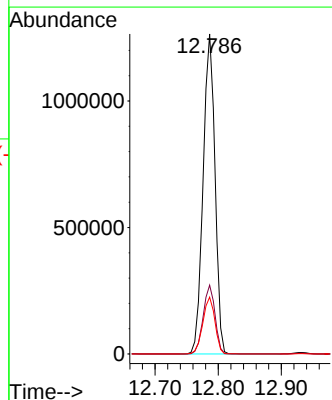
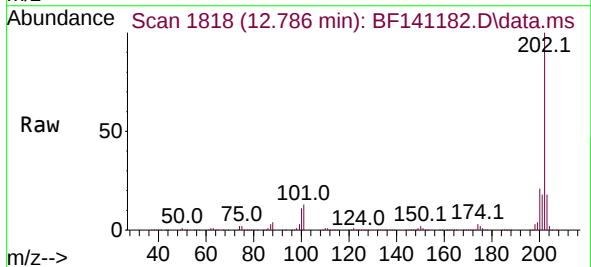
Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:184 Resp: 418869
Ion Ratio Lower Upper
184 100
185 14.6 11.4 17.0
183 11.8 9.2 13.8



#78
Pyrene
Concen: 45.389 ng
RT: 12.786 min Scan# 1818
Delta R.T. 0.000 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:202 Resp: 1654989
Ion Ratio Lower Upper
202 100
200 21.5 16.8 25.2
203 17.8 14.3 21.5





#79

Terphenyl-d14

Concen: 90.961 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

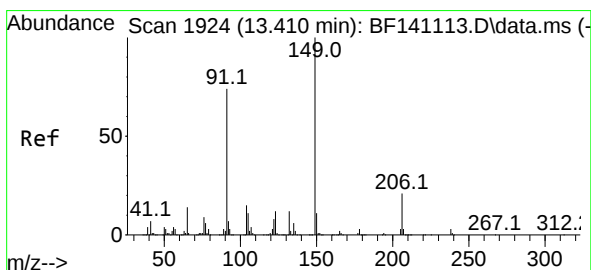
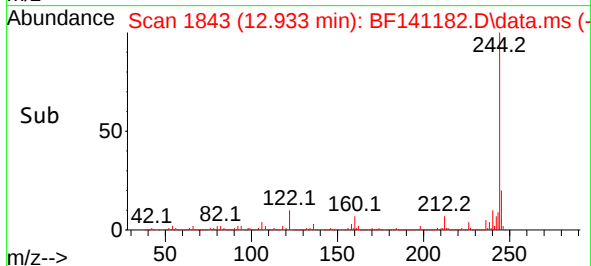
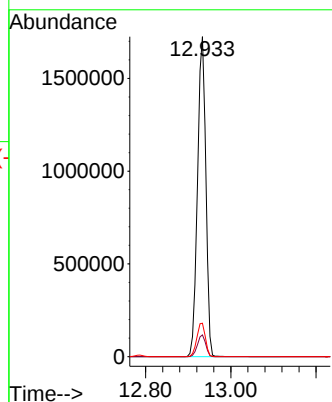
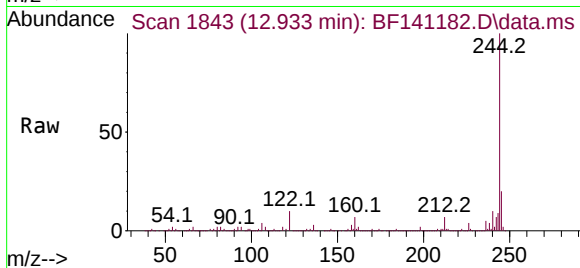
Tgt Ion:244 Resp: 2336295

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.2

122 10.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 54.282 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

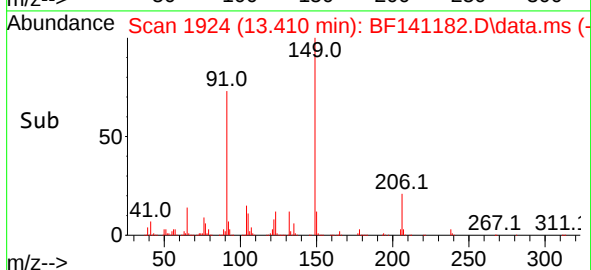
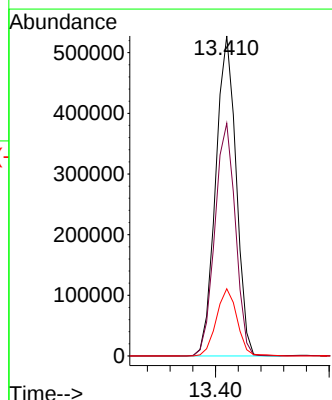
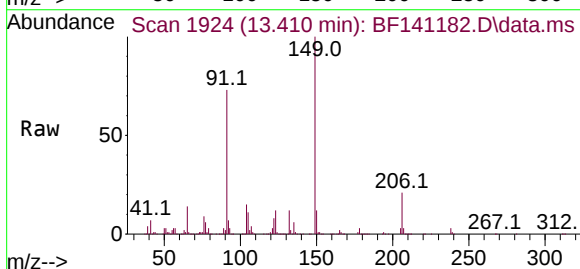
Tgt Ion:149 Resp: 659894

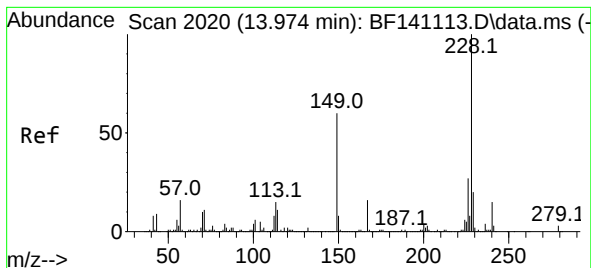
Ion Ratio Lower Upper

149 100

91 72.7 59.0 88.6

206 21.0 16.5 24.7





#81

Benzo(a)anthracene

Concen: 50.506 ng

RT: 13.974 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

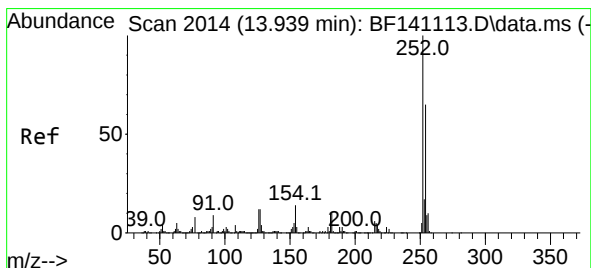
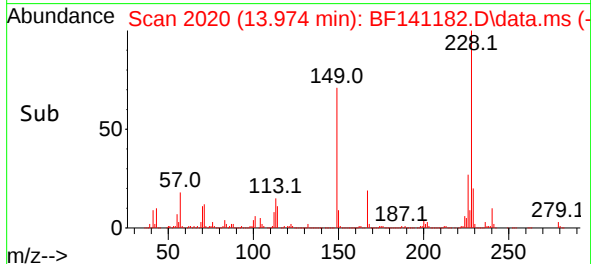
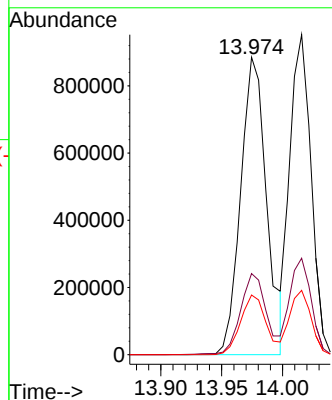
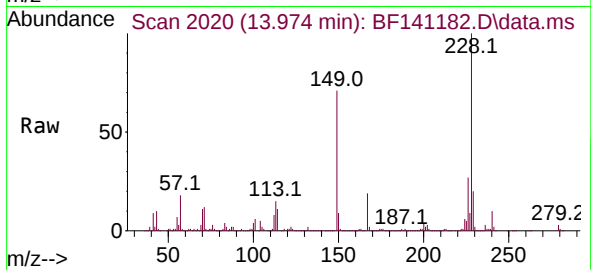
Tgt Ion:228 Resp: 1312176

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 20.1 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 28.130 ng

RT: 13.939 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

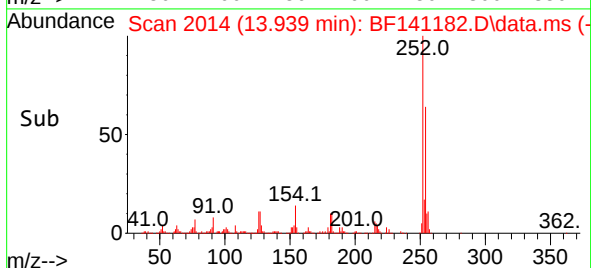
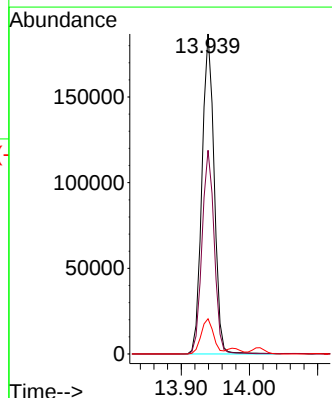
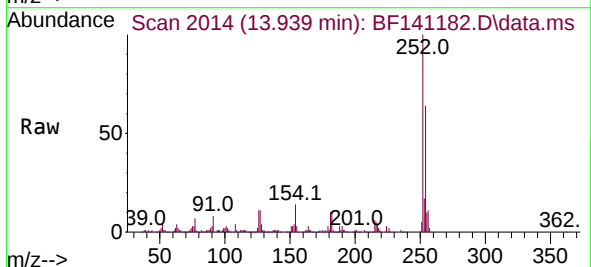
Tgt Ion:252 Resp: 232711

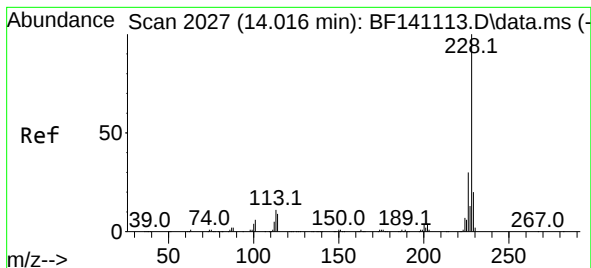
Ion Ratio Lower Upper

252 100

254 63.7 52.0 78.0

126 11.0 9.4 14.0





#83

Chrysene

Concen: 47.827 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

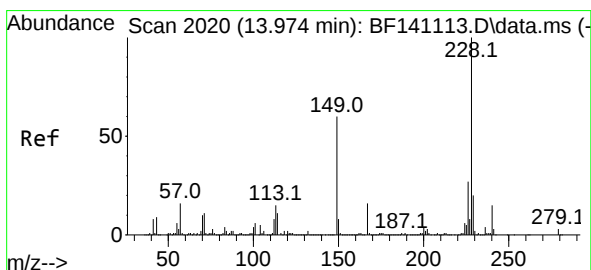
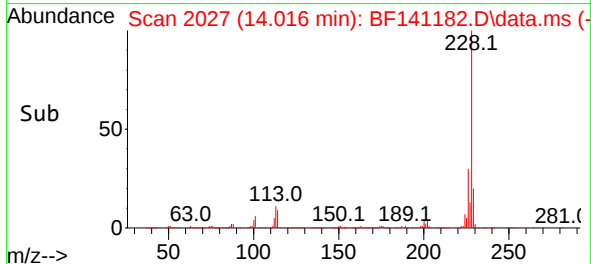
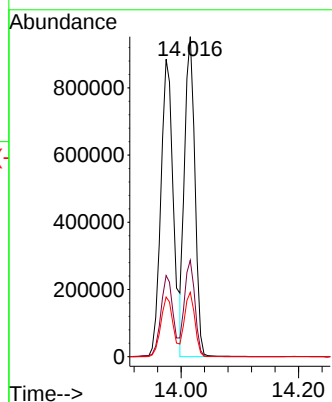
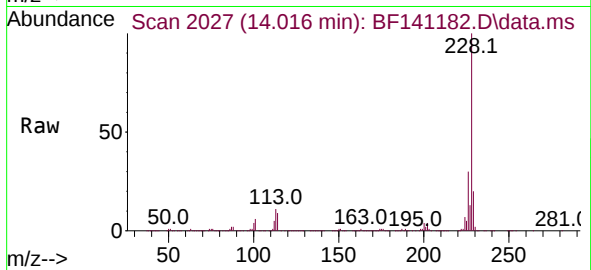
Tgt Ion:228 Resp: 1162658

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 20.1 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 57.827 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

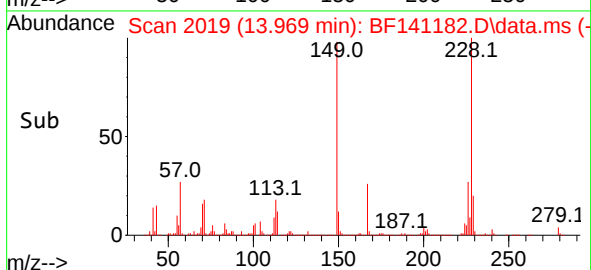
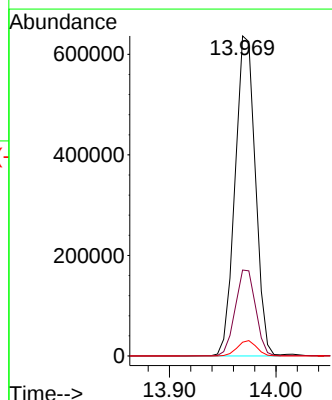
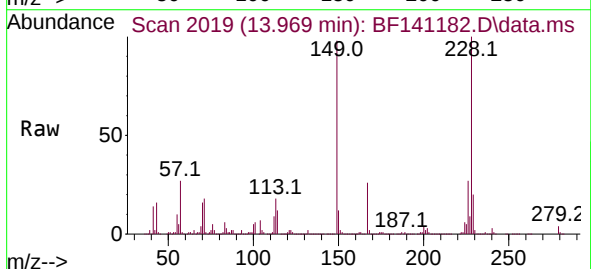
Tgt Ion:149 Resp: 843490

Ion Ratio Lower Upper

149 100

167 26.8 21.4 32.2

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 60.126 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

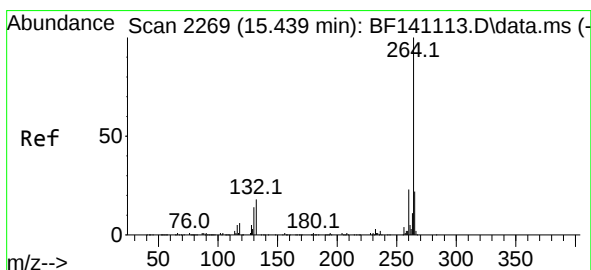
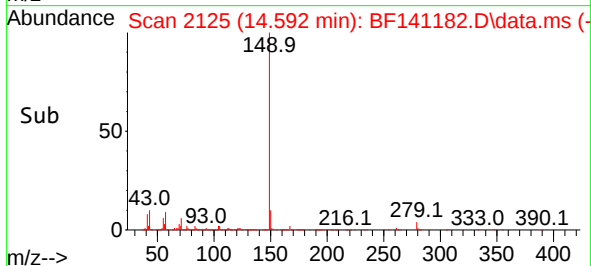
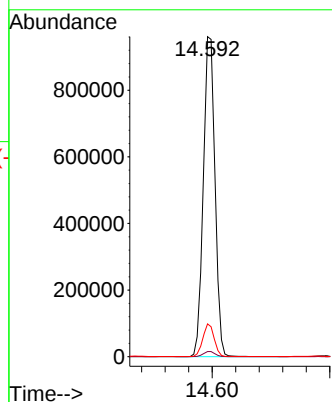
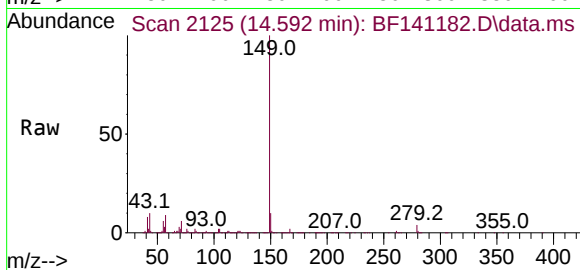
Tgt Ion:149 Resp: 1324367

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.0 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

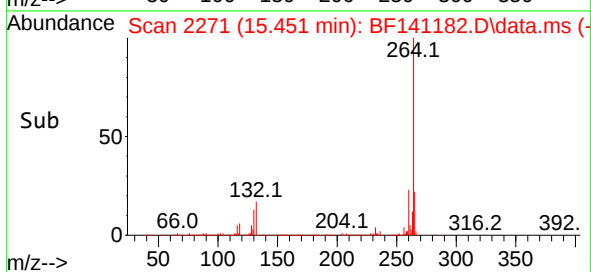
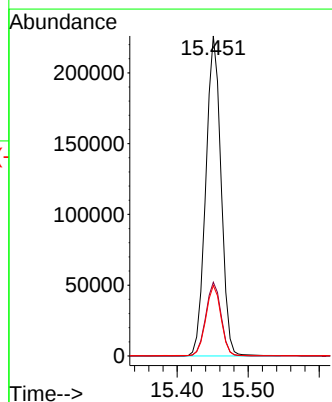
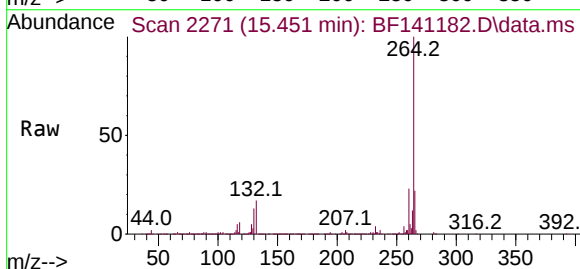
Tgt Ion:264 Resp: 337646

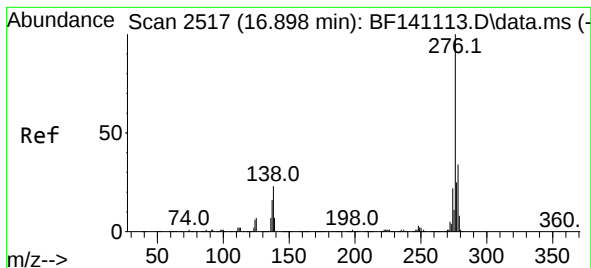
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 22.0 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.489 ng

RT: 16.915 min Scan# 2199

Delta R.T. 0.018 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

Instrument :

BNA_F

ClientSampleId :

PB166033BS

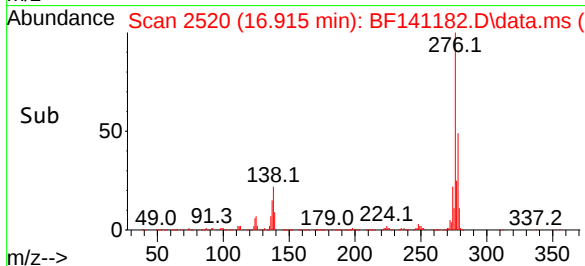
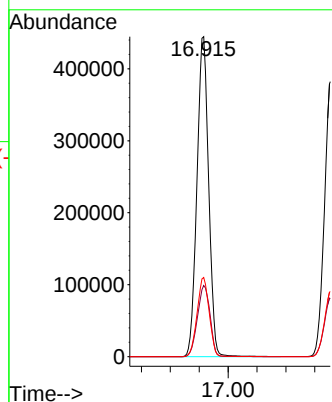
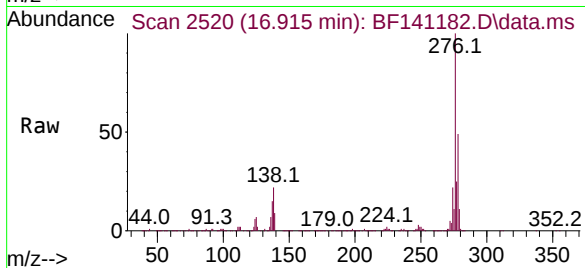
Tgt Ion:276 Resp: 1248936

Ion Ratio Lower Upper

276 100

138 23.9 20.7 31.1

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 53.238 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141182.D

Acq: 16 Jan 2025 13:48

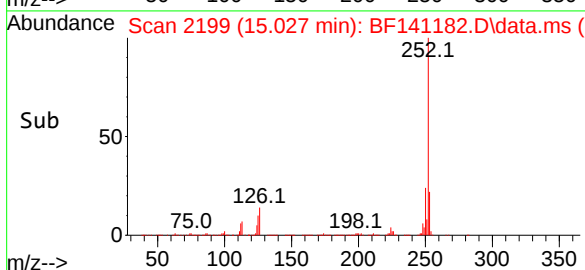
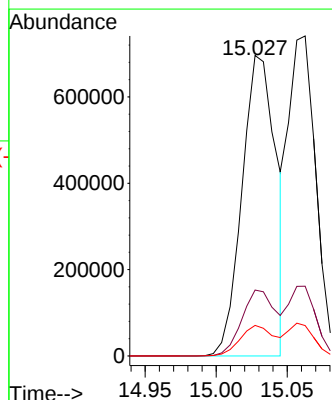
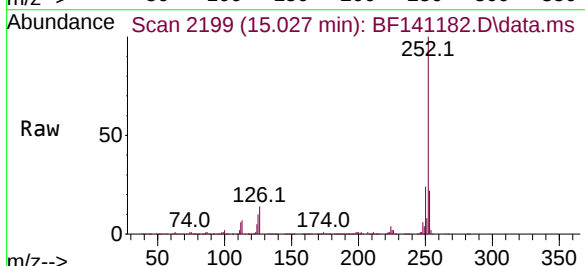
Tgt Ion:252 Resp: 1159129

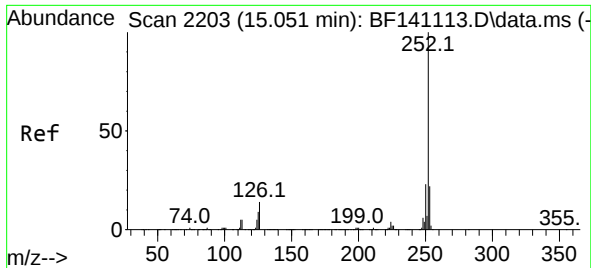
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.2 8.1 12.1

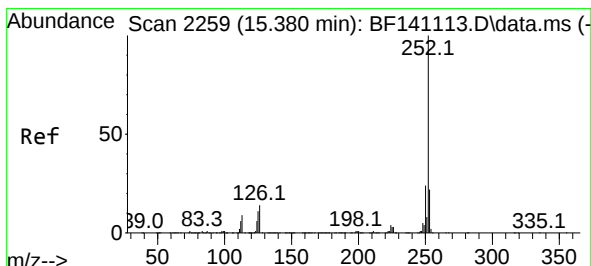
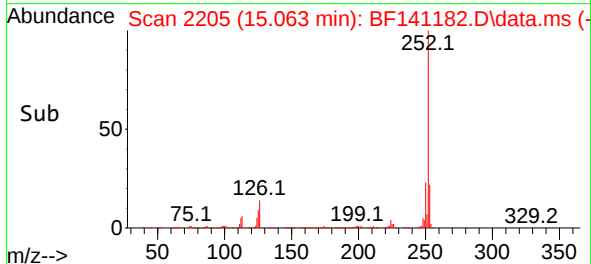
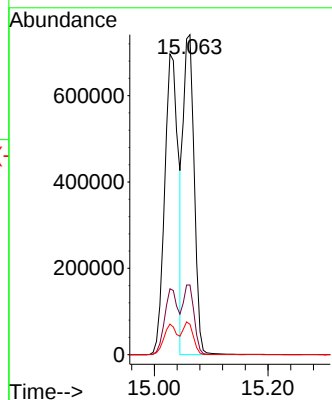
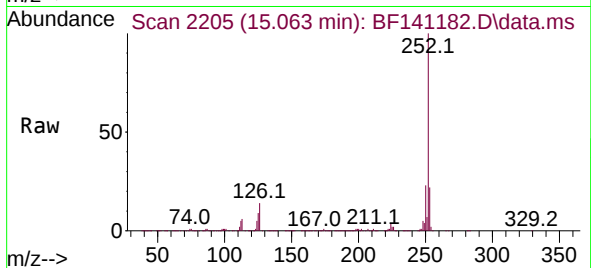




#89
Benzo(k)fluoranthene
Concen: 53.989 ng
RT: 15.063 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

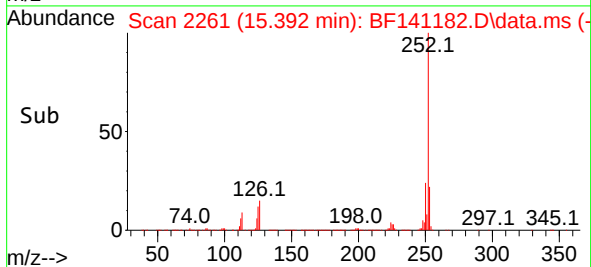
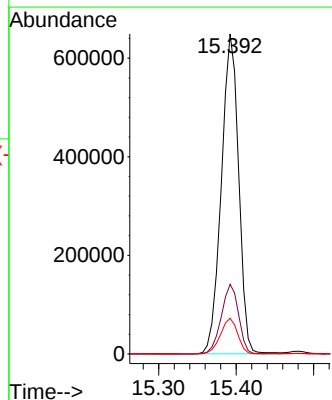
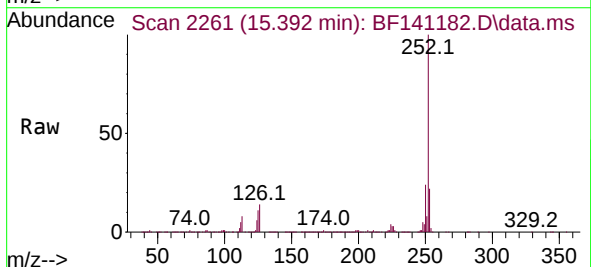
Instrument :
BNA_F
ClientSampleId :
PB166033BS

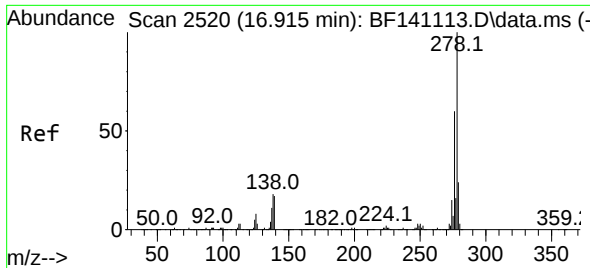
Tgt Ion:252 Resp: 993385
Ion Ratio Lower Upper
252 100
253 21.8 17.8 26.8
125 9.5 7.9 11.9



#90
Benzo(a)pyrene
Concen: 56.031 ng
RT: 15.392 min Scan# 2261
Delta R.T. 0.012 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:252 Resp: 1006508
Ion Ratio Lower Upper
252 100
253 21.7 17.7 26.5
125 11.2 9.1 13.7

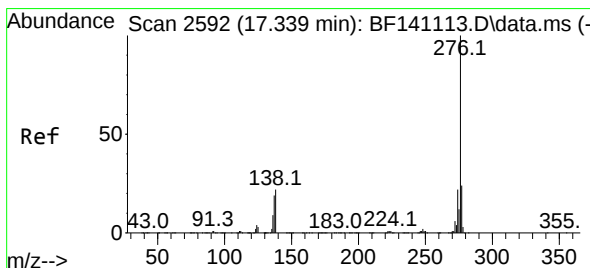
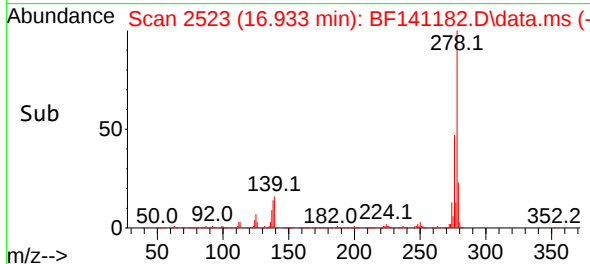
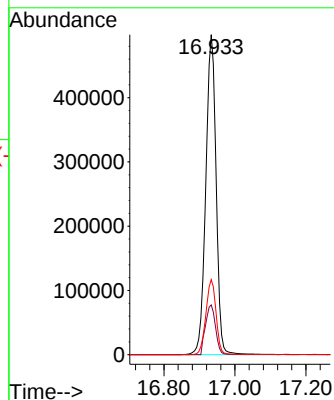
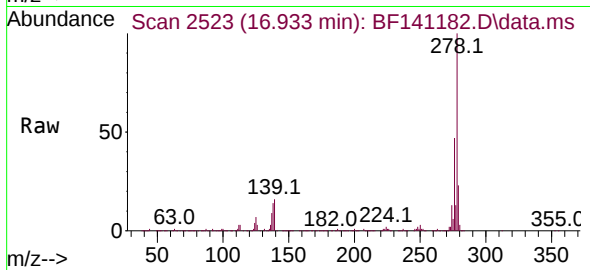




#91
Dibenzo(a,h)anthracene
Concen: 50.482 ng
RT: 16.933 min Scan# 21
Delta R.T. 0.018 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Instrument :
BNA_F
ClientSampleId :
PB166033BS

Tgt Ion:278 Resp: 1010009
Ion Ratio Lower Upper
278 100
139 15.6 13.8 20.6
279 23.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.900 ng
RT: 17.357 min Scan# 2595
Delta R.T. 0.018 min
Lab File: BF141182.D
Acq: 16 Jan 2025 13:48

Tgt Ion:276 Resp: 934397
Ion Ratio Lower Upper
276 100
277 23.7 19.0 28.4
138 20.7 17.4 26.2

