

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011625\
 Data File : BF141183.D
 Acq On : 16 Jan 2025 14:14
 Operator : RC/JU
 Sample : PB166033BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166033BSD

Quant Time: Jan 16 14:37:18 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	145451	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	579745	20.000	ng	0.00
39) Acenaphthene-d10	9.857	164	316390	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	547331	20.000	ng	0.00
76) Chrysene-d12	13.986	240	396431	20.000	ng	0.00
86) Perylene-d12	15.445	264	344702	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	879028	93.360	ng	0.00
7) Phenol-d6	6.440	99	1107780	92.882	ng	0.00
23) Nitrobenzene-d5	7.381	82	1049765	95.984	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	380897	105.656	ng	0.00
45) 2-Fluorobiphenyl	9.175	172	1979294	95.530	ng	0.00
79) Terphenyl-d14	12.933	244	2411012	90.394	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.634	88	173956	41.489	ng	99
3) Pyridine	3.369	79	447067	43.481	ng	96
4) n-Nitrosodimethylamine	3.322	42	245009	48.734	ng	99
6) Aniline	6.475	93	433160	40.907	ng	97
8) 2-Chlorophenol	6.598	128	524096	51.882	ng	97
9) Benzaldehyde	6.363	77	171327	24.390	ng	97
10) Phenol	6.457	94	637164	49.907	ng	96
11) bis(2-Chloroethyl)ether	6.551	93	478677	50.309	ng	97
12) 1,3-Dichlorobenzene	6.751	146	535825	47.559	ng	100
13) 1,4-Dichlorobenzene	6.834	146	546982	48.178	ng	99
14) 1,2-Dichlorobenzene	6.981	146	522667	49.353	ng	98
15) Benzyl Alcohol	6.957	79	456712	53.025	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.093	45	662889	49.927	ng	98
17) 2-Methylphenol	7.069	107	423885	51.975	ng	99
18) Hexachloroethane	7.328	117	203221	49.497	ng	97
19) n-Nitroso-di-n-propyla...	7.228	70	359791	51.211	ng	99
20) 3+4-Methylphenols	7.222	107	523281	50.858	ng	# 83
22) Acetophenone	7.222	105	693960	50.353	ng	# 93
24) Nitrobenzene	7.398	77	541641	47.519	ng	99
25) Isophorone	7.640	82	979464	52.404	ng	99
26) 2-Nitrophenol	7.710	139	272979	52.648	ng	96
27) 2,4-Dimethylphenol	7.751	122	426337	60.959	ng	99
28) bis(2-Chloroethoxy)met...	7.845	93	589125	50.224	ng	100
29) 2,4-Dichlorophenol	7.951	162	434576	52.319	ng	99
30) 1,2,4-Trichlorobenzene	8.040	180	452720	47.683	ng	99
31) Naphthalene	8.122	128	1509542	49.374	ng	99
32) Benzoic acid	7.875	122	338811	50.501	ng	97
33) 4-Chloroaniline	8.163	127	209658	19.829	ng	99
34) Hexachlorobutadiene	8.240	225	281753	49.249	ng	99
35) Caprolactam	8.540	113	77982	28.676	ng	99
36) 4-Chloro-3-methylphenol	8.651	107	478863	52.714	ng	99
37) 2-Methylnaphthalene	8.810	142	994680	51.055	ng	100
38) 1-Methylnaphthalene	8.910	142	928639	48.365	ng	99
40) 1,2,4,5-Tetrachloroben...	8.981	216	453432	49.932	ng	98
41) Hexachlorocyclopentadiene	8.969	237	590646	198.804	ng	99
43) 2,4,6-Trichlorophenol	9.092	196	328808	53.687	ng	99

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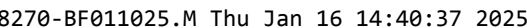
Instrument :
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Quant Time: Jan 16 14:37:18 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.134	196	319761	49.435	ng	99
46) 1,1'-Biphenyl	9.281	154	1222418	49.751	ng	99
47) 2-Chloronaphthalene	9.304	162	925244	48.347	ng	99
48) 2-Nitroaniline	9.398	65	293543	51.744	ng	99
49) Acenaphthylene	9.716	152	1453718	53.168	ng	100
50) Dimethylphthalate	9.581	163	1116248	52.553	ng	99
51) 2,6-Dinitrotoluene	9.639	165	246736	49.953	ng	95
52) Acenaphthene	9.892	154	1091014	57.114	ng	99
53) 3-Nitroaniline	9.804	138	150065	29.897	ng	97
54) 2,4-Dinitrophenol	9.916	184	285921	121.783	ng	95
55) Dibenzofuran	10.063	168	1321122	50.845	ng	99
56) 4-Nitrophenol	9.969	139	436294	110.986	ng	95
57) 2,4-Dinitrotoluene	10.045	165	341705	53.680	ng	97
58) Fluorene	10.404	166	1022349	50.646	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.181	232	295102	54.887	ng	100
60) Diethylphthalate	10.281	149	1093604	52.739	ng	100
61) 4-Chlorophenyl-phenyle...	10.398	204	501027	50.925	ng	97
62) 4-Nitroaniline	10.422	138	253886	51.678	ng	96
63) Azobenzene	10.557	77	1054432	51.534	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	198081	62.454	ng	98
66) n-Nitrosodiphenylamine	10.516	169	927421	52.534	ng	99
67) 4-Bromophenyl-phenylether	10.886	248	335291	53.209	ng	99
68) Hexachlorobenzene	10.951	284	370243	52.781	ng	99
69) Atrazine	11.045	200	326028	68.588	ng	99
70) Pentachlorophenol	11.145	266	478115	106.432	ng	99
71) Phenanthrene	11.369	178	1563458	53.207	ng	100
72) Anthracene	11.422	178	1602727	56.094	ng	100
73) Carbazole	11.575	167	1425054	54.394	ng	100
74) Di-n-butylphthalate	11.910	149	1697004	56.600	ng	100
75) Fluoranthene	12.557	202	1667541	56.868	ng	99
77) Benzidine	12.680	184	440775	59.957	ng	99
78) Pyrene	12.786	202	1689167	44.611	ng	99
80) Butylbenzylphthalate	13.410	149	695393	55.084	ng	99
81) Benzo(a)anthracene	13.974	228	1411740	52.327	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	247878	28.854	ng	100
83) Chrysene	14.016	228	1241041	49.161	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	896119	59.161	ng	100
85) Di-n-octyl phthalate	14.592	149	1429606	62.501	ng	98
87) Indeno(1,2,3-cd)pyrene	16.910	276	1259019	49.855	ng	98
88) Benzo(b)fluoranthene	15.027	252	1125096	50.617	ng	100
89) Benzo(k)fluoranthene	15.057	252	1129506	60.131	ng	100
90) Benzo(a)pyrene	15.386	252	1038941	56.652	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	1009805	49.439	ng	98
92) Benzo(g,h,i)perylene	17.351	276	941540	44.317	ng	99

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

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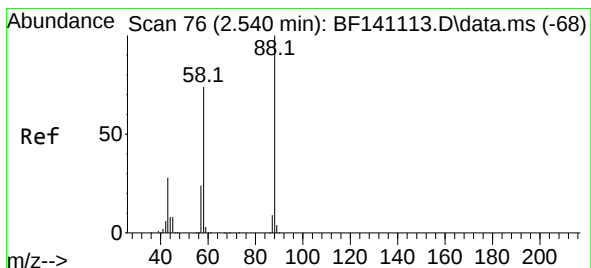
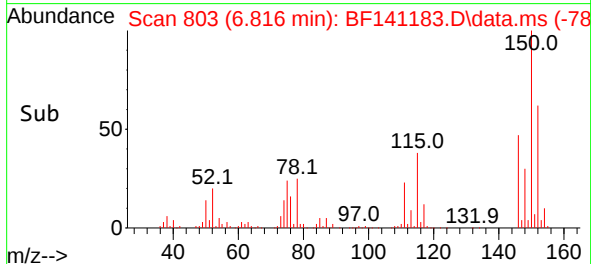
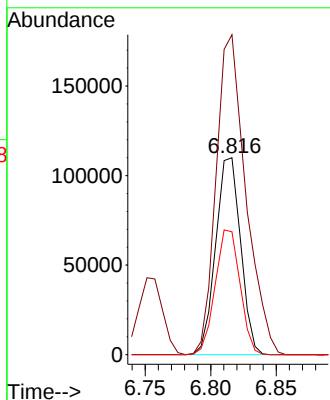
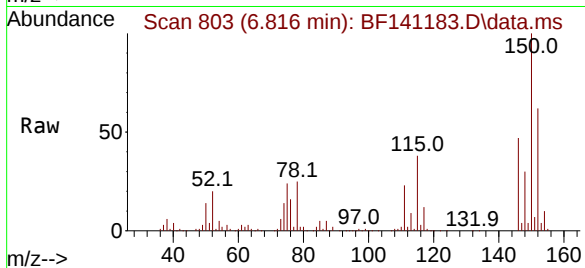




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

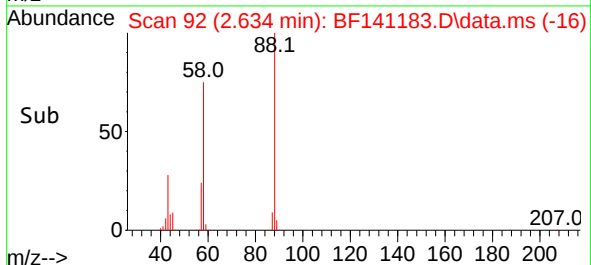
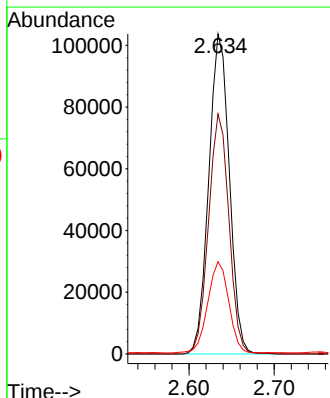
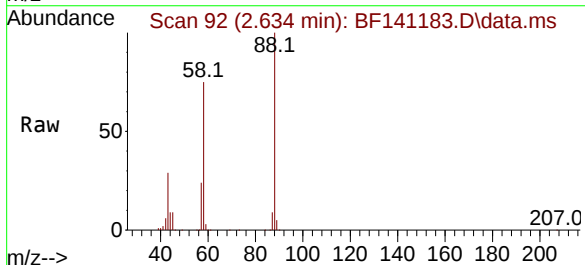
Instrument :
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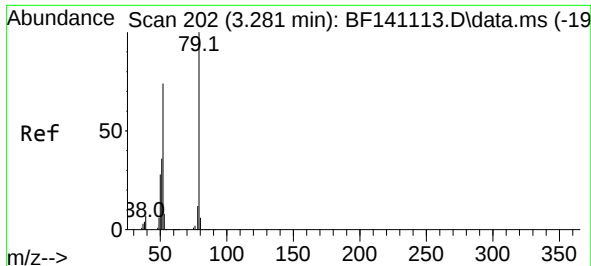
Tgt Ion:152 Resp: 145451
 Ion Ratio Lower Upper
 152 100
 150 162.5 125.8 188.8
 115 62.4 51.4 77.2



#2
 1,4-Dioxane
 Concen: 41.489 ng
 RT: 2.634 min Scan# 92
 Delta R.T. 0.094 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

Tgt Ion: 88 Resp: 173956
 Ion Ratio Lower Upper
 88 100
 58 74.3 60.1 90.1
 43 29.1 23.1 34.7

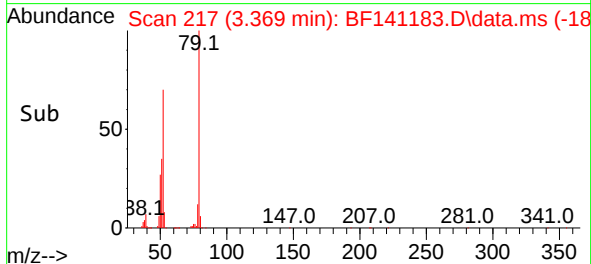
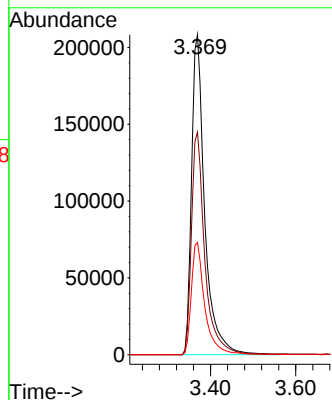
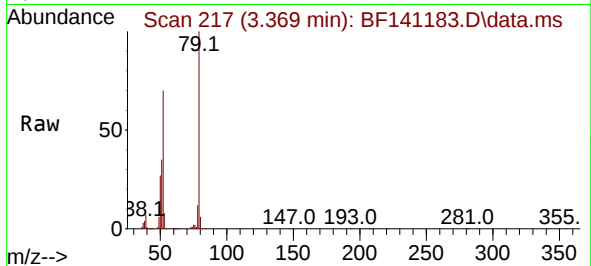




#3
 Pyridine
 Concen: 43.481 ng
 RT: 3.369 min Scan# 217
 Delta R.T. 0.088 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

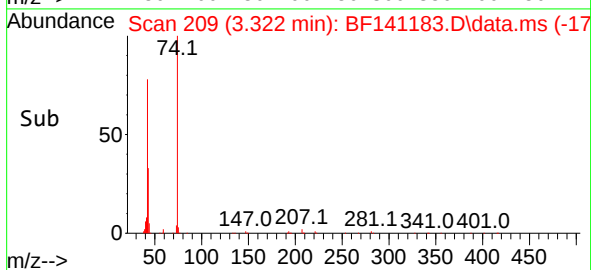
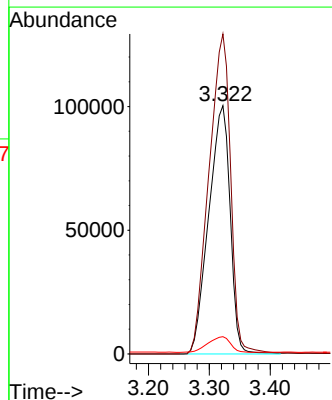
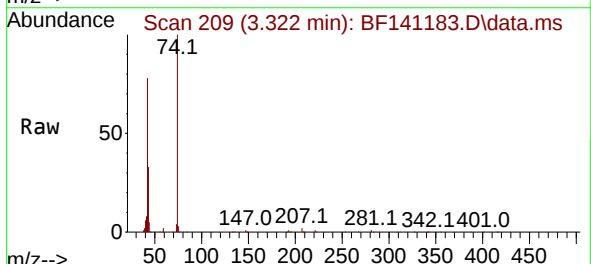
Instrument :
 BNA_F
 ClientSampleId :
 PB166033BSD

Tgt Ion: 79 Resp: 447067
 Ion Ratio Lower Upper
 79 100
 52 69.5 58.9 88.3
 51 35.1 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 48.734 ng
 RT: 3.322 min Scan# 209
 Delta R.T. 0.094 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

Tgt Ion: 42 Resp: 245009
 Ion Ratio Lower Upper
 42 100
 74 128.9 103.8 155.6
 44 7.0 5.3 7.9

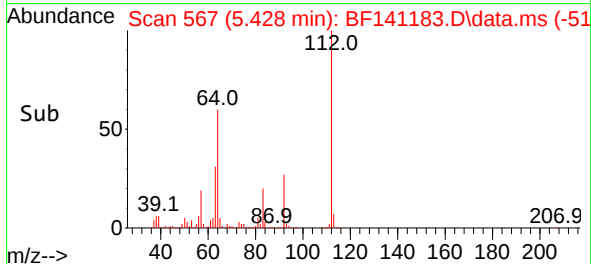
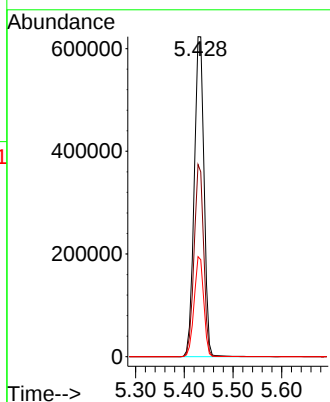
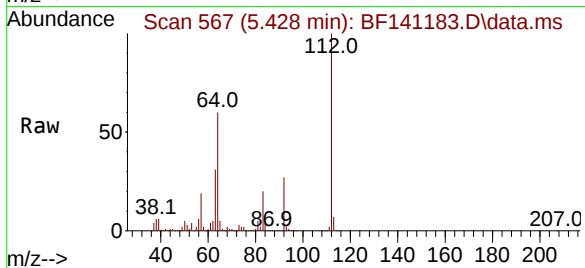




#5
2-Fluorophenol
Concen: 93.360 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

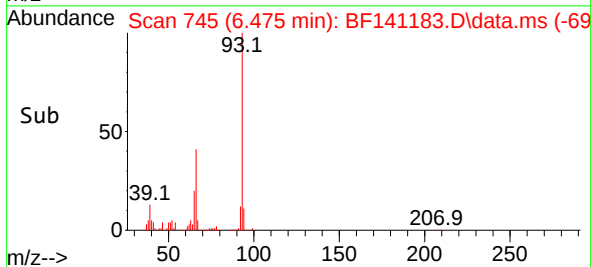
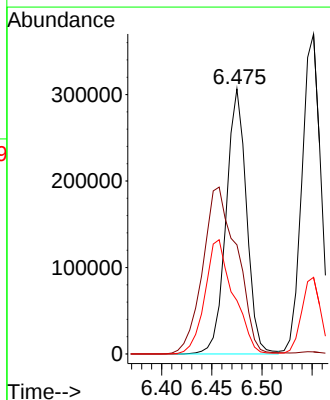
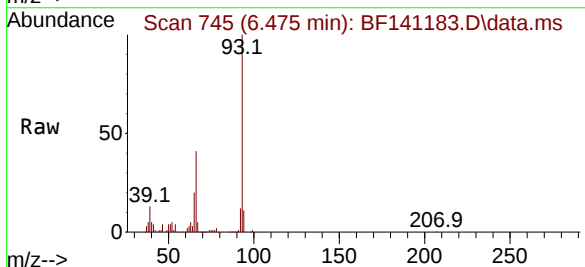
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:112 Resp: 879028
Ion Ratio Lower Upper
112 100
64 60.0 47.3 70.9
63 31.3 24.2 36.2



#6
Aniline
Concen: 40.907 ng
RT: 6.475 min Scan# 745
Delta R.T. -0.012 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion: 93 Resp: 433160
Ion Ratio Lower Upper
93 100
66 41.1 31.5 47.3
65 20.1 15.3 22.9





#7

Phenol-d6

Concen: 92.882 ng

RT: 6.440 min Scan# 740

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

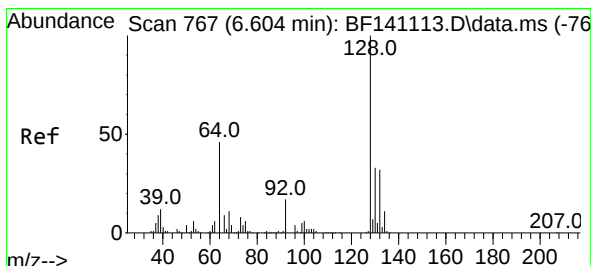
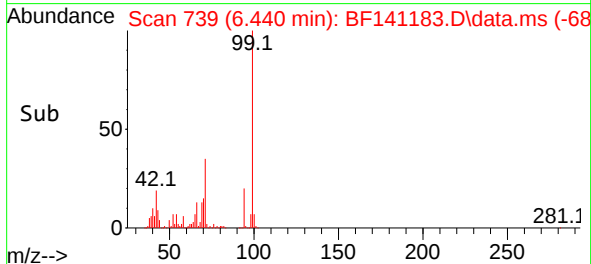
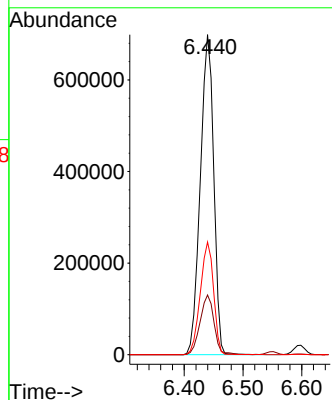
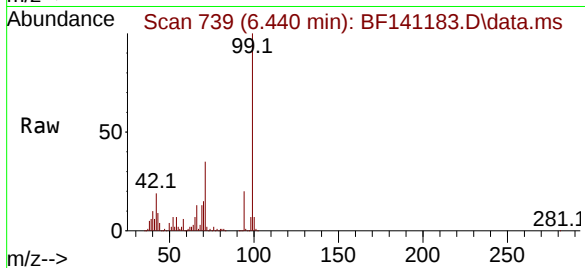
BNA_F

ClientSampleId :

PB166033BSD

Tgt Ion: 99 Resp: 1107780

Ion	Ratio	Lower	Upper
99	100		
42	18.7	15.0	22.4
71	35.2	27.6	41.4



#8

2-Chlorophenol

Concen: 51.882 ng

RT: 6.598 min Scan# 766

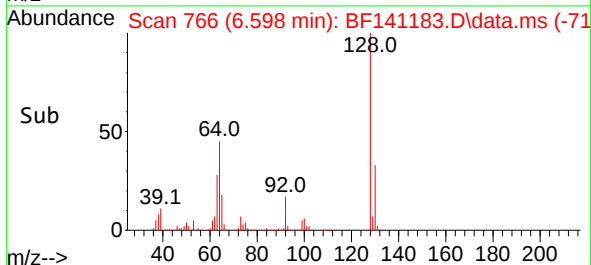
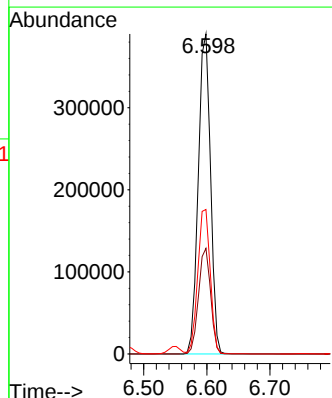
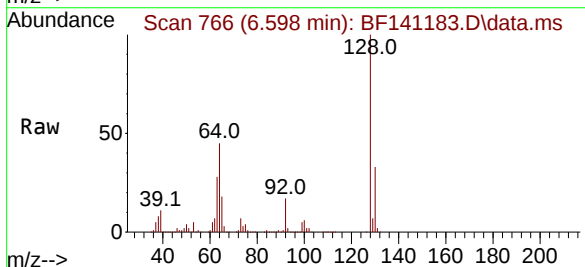
Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Tgt Ion: 128 Resp: 524096

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	45.1	28.3	68.3





#9

Benzaldehyde

Concen: 24.390 ng

RT: 6.363 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141183.D

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ClientSampleId :

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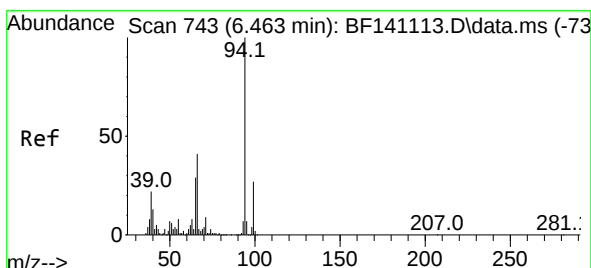
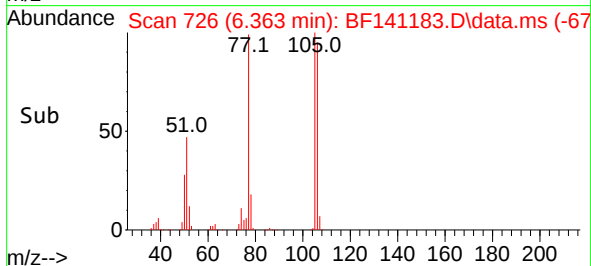
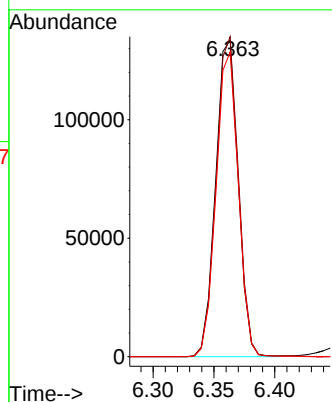
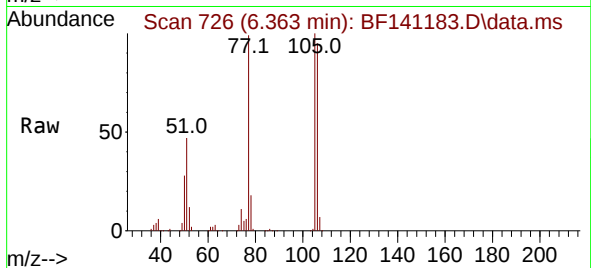
Tgt Ion: 77 Resp: 171327

Ion Ratio Lower Upper

77 100

105 101.1 78.9 118.9

106 96.3 73.6 113.6



#10

Phenol

Concen: 49.907 ng

RT: 6.457 min Scan# 742

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

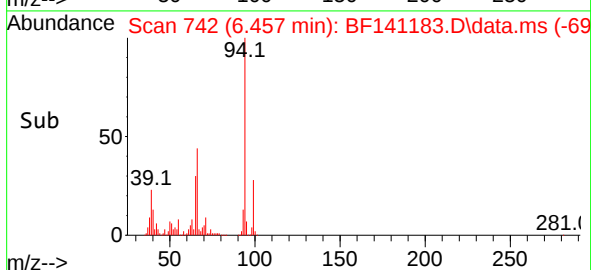
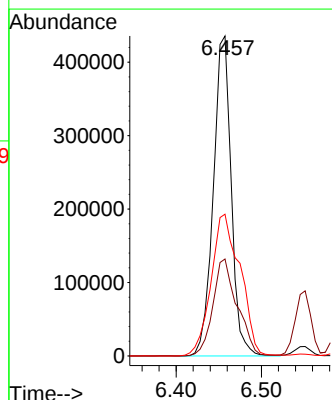
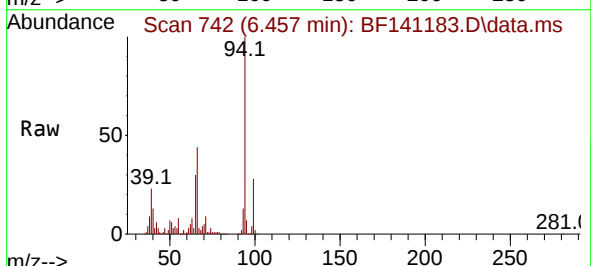
Tgt Ion: 94 Resp: 637164

Ion Ratio Lower Upper

94 100

65 30.3 8.9 48.9

66 44.3 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 50.309 ng

RT: 6.551 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

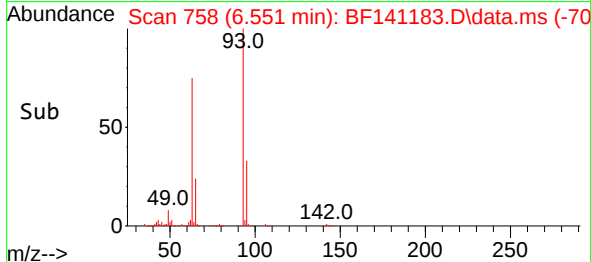
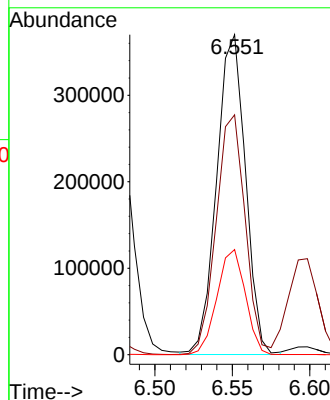
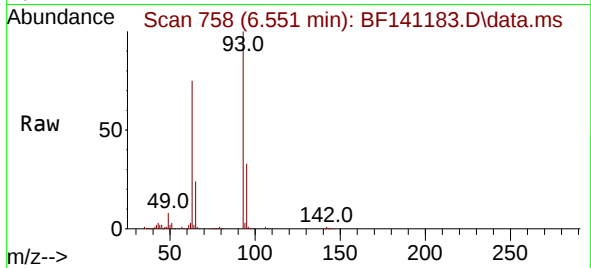
Tgt Ion: 93 Resp: 478677

Ion Ratio Lower Upper

93 100

63 74.9 58.0 98.0

95 32.8 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 47.559 ng

RT: 6.751 min Scan# 792

Delta R.T. -0.012 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

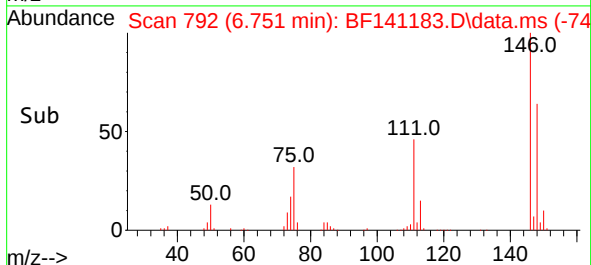
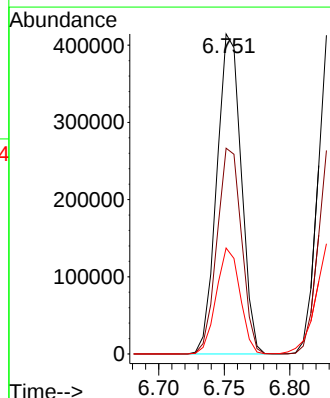
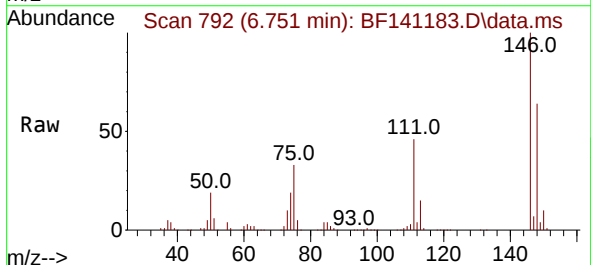
Tgt Ion:146 Resp: 535825

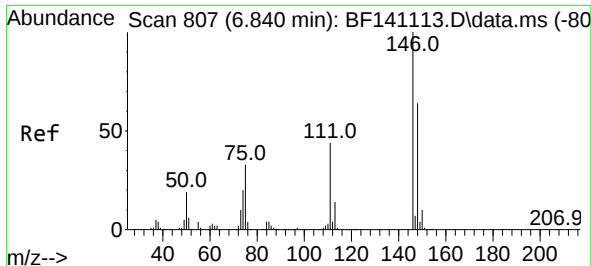
Ion Ratio Lower Upper

146 100

148 64.3 51.6 77.4

75 33.1 26.2 39.2

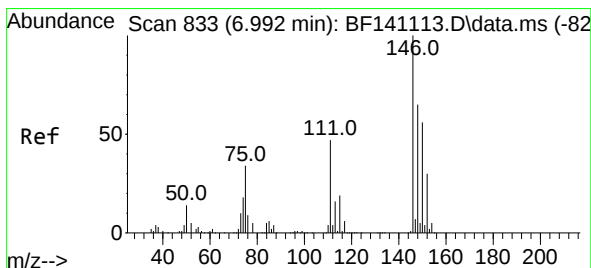
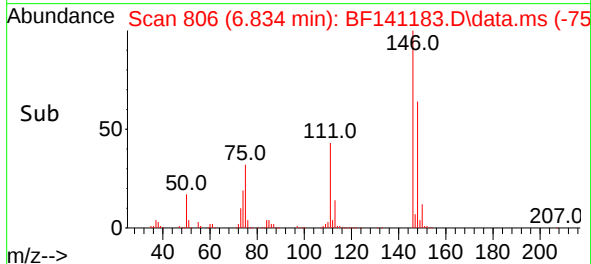
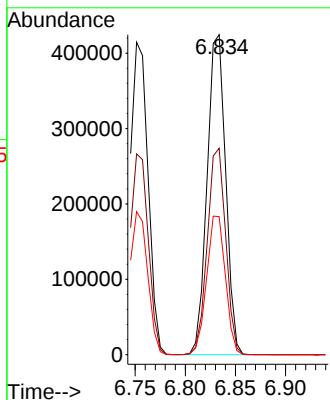
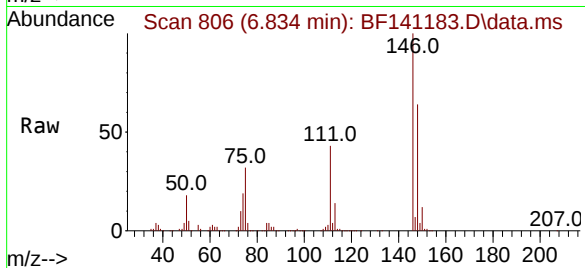




#13
1,4-Dichlorobenzene
Concen: 48.178 ng
RT: 6.834 min Scan# 807
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

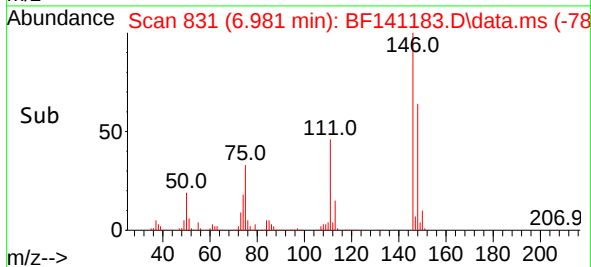
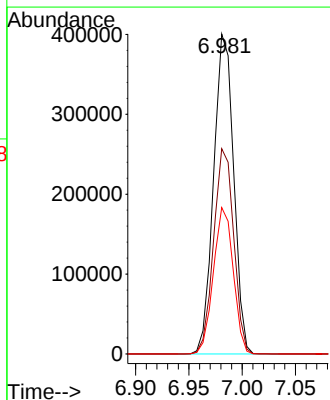
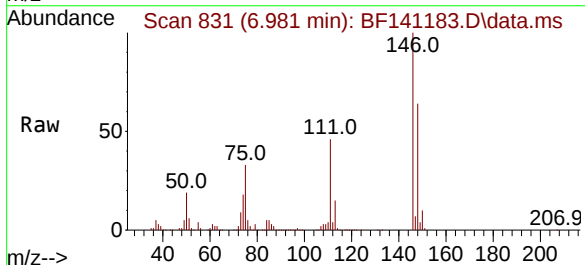
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:146 Resp: 546982
Ion Ratio Lower Upper
146 100
148 64.5 51.0 76.6
111 43.2 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 49.353 ng
RT: 6.981 min Scan# 831
Delta R.T. -0.012 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:146 Resp: 522667
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
111 45.8 37.5 56.3

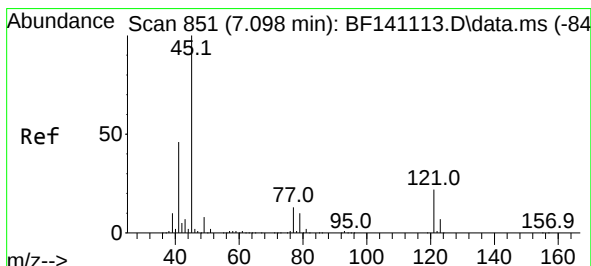
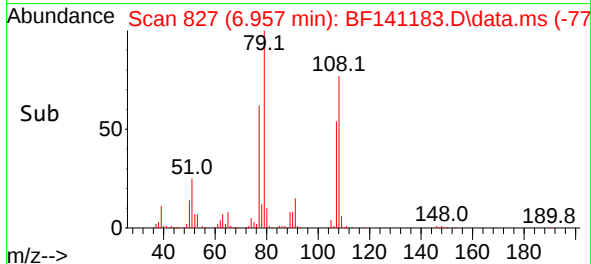
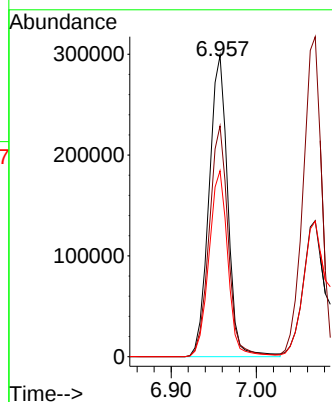
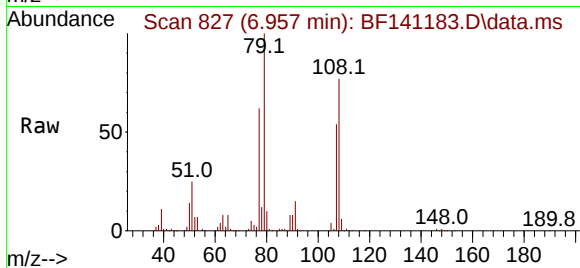




#15
Benzyl Alcohol
Concen: 53.025 ng
RT: 6.957 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

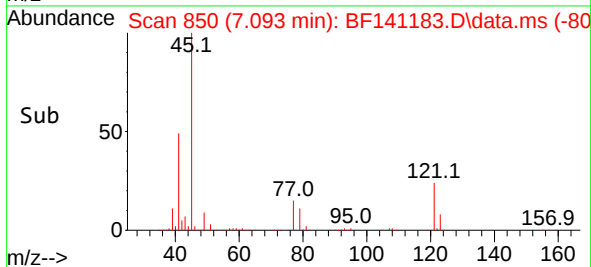
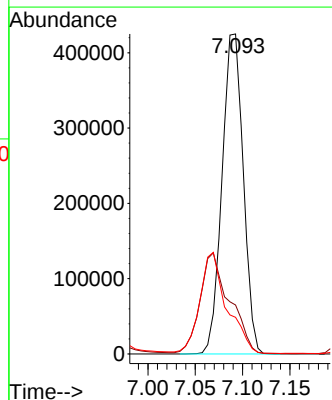
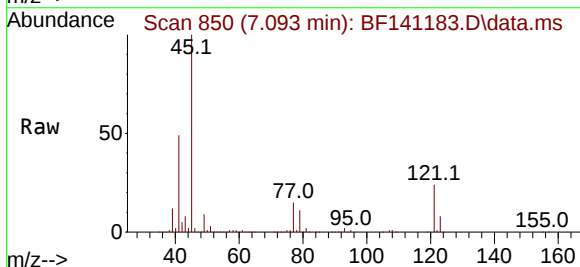
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

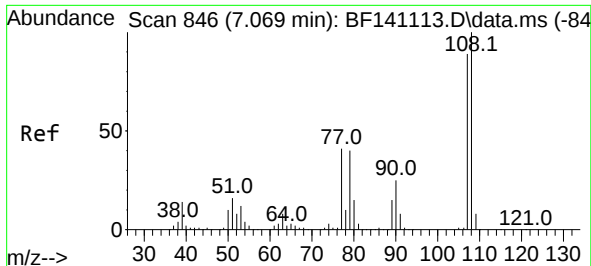
Tgt Ion: 79 Resp: 456712
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 61.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 49.927 ng
RT: 7.093 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion: 45 Resp: 662889
Ion Ratio Lower Upper
45 100
77 15.3 0.0 34.1
79 11.4 0.0 31.0



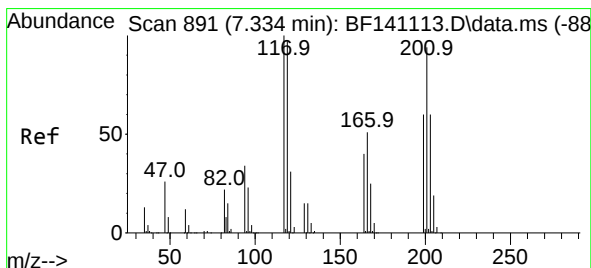
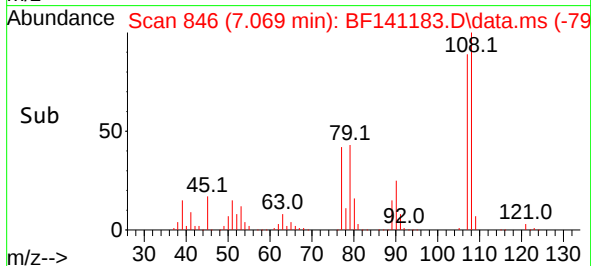
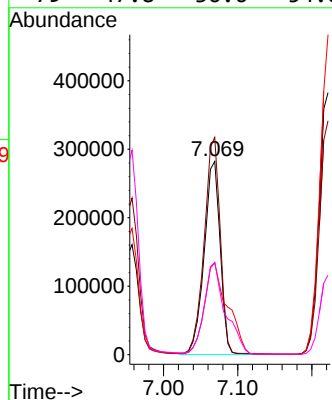
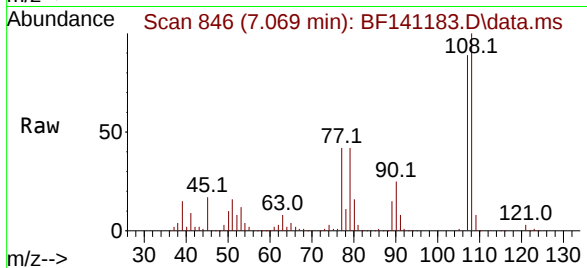


#17
2-Methylphenol
Concen: 51.975 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:107 Resp: 423885

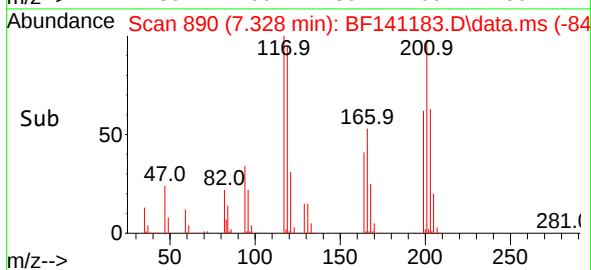
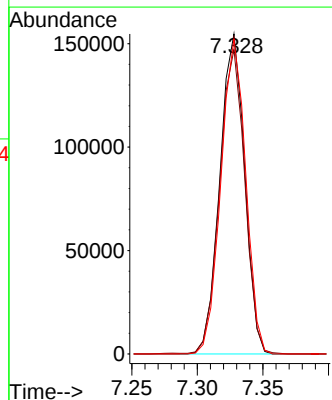
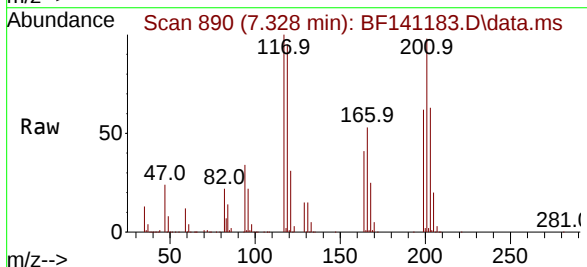
Ion	Ratio	Lower	Upper
107	100		
108	112.4	90.1	135.1
77	47.6	36.6	55.0
79	47.8	36.6	54.8



#18
Hexachloroethane
Concen: 49.497 ng
RT: 7.328 min Scan# 890
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:117 Resp: 203221

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.6	116.4
201	98.4	75.1	112.7

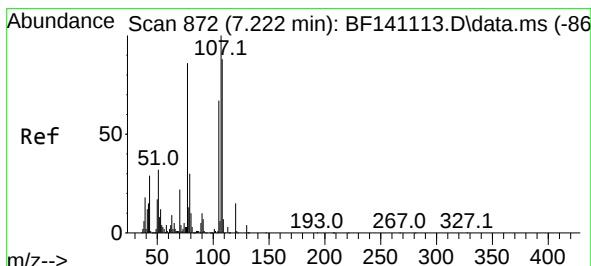
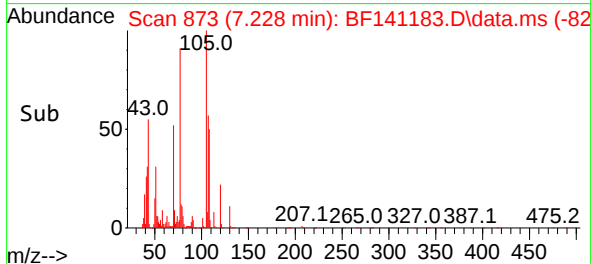
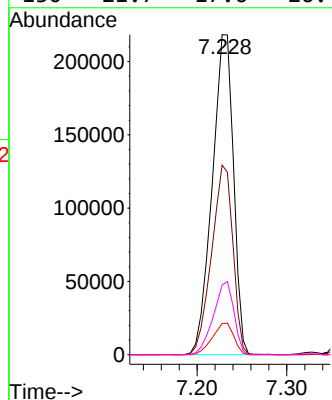
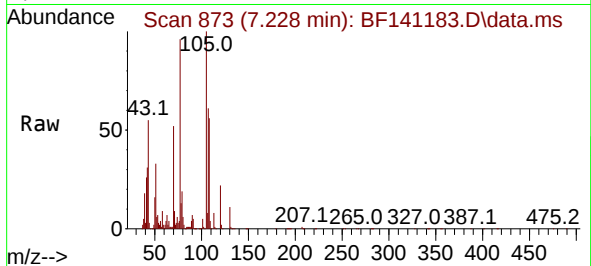




#19
n-Nitroso-di-n-propylamine
Concen: 51.211 ng
RT: 7.228 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

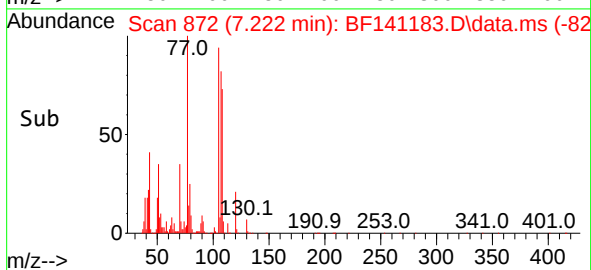
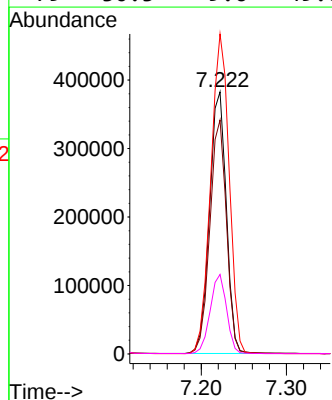
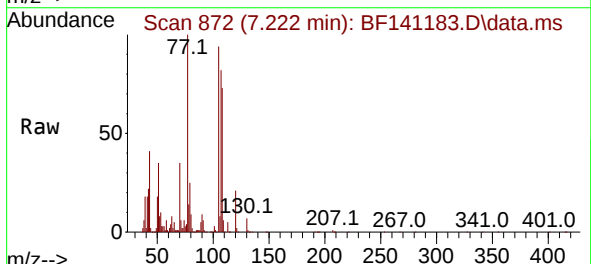
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

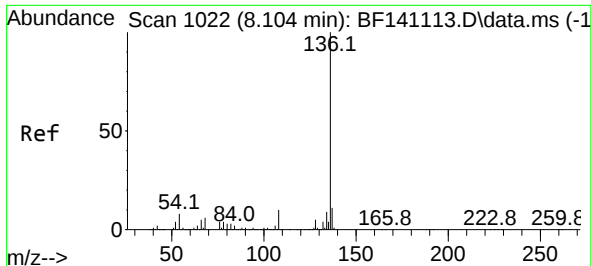
Tgt Ion: 70 Resp: 359791
Ion Ratio Lower Upper
70 100
42 59.3 47.8 71.6
101 9.7 7.9 11.9
130 21.7 17.6 26.4



#20
3+4-Methylphenols
Concen: 50.858 ng
RT: 7.222 min Scan# 872
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion: 107 Resp: 523281
Ion Ratio Lower Upper
107 100
108 89.2 68.3 108.3
77 122.1 66.4 106.4#
79 30.3 9.6 49.6



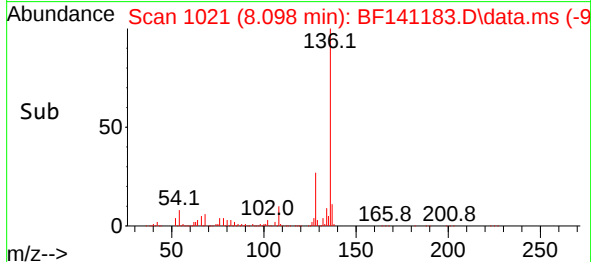
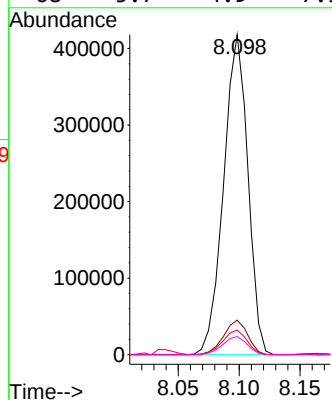
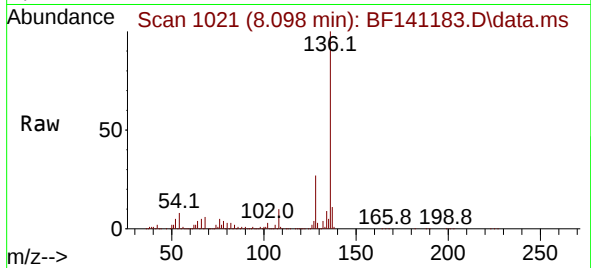


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:136 Resp: 579745

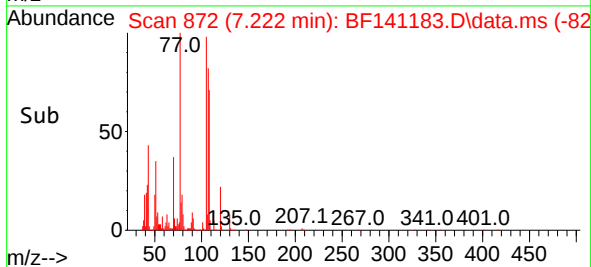
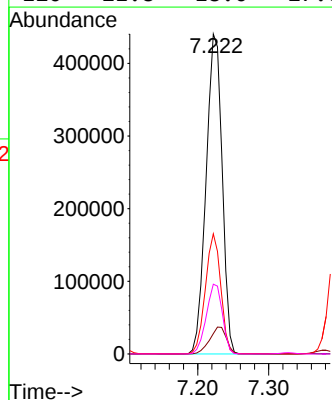
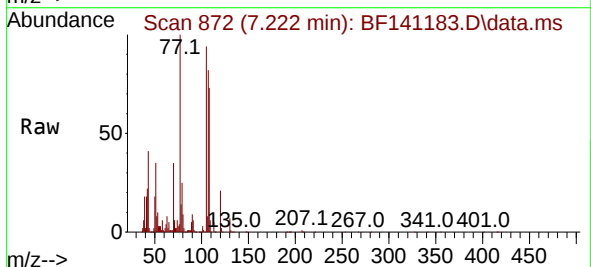
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	7.7	6.3	9.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 50.353 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.012 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:105 Resp: 693960

Ion	Ratio	Lower	Upper
105	100		
71	6.3	7.1	10.7#
51	37.6	25.4	38.2
120	21.8	18.0	27.0





#23

Nitrobenzene-d5

Concen: 95.984 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

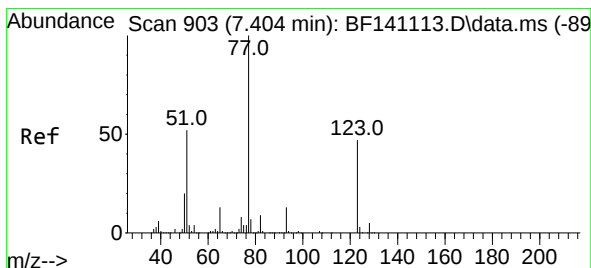
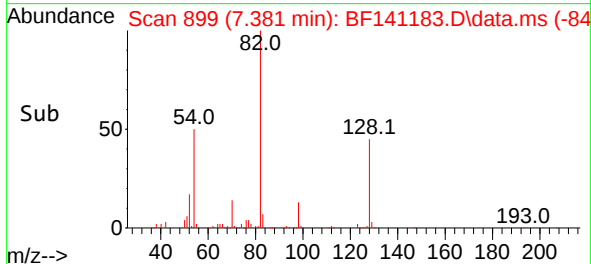
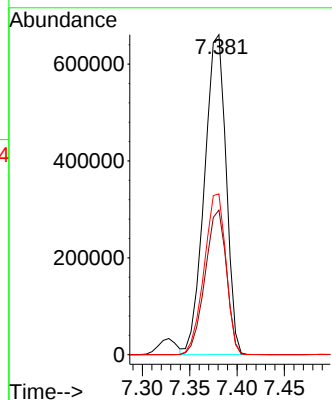
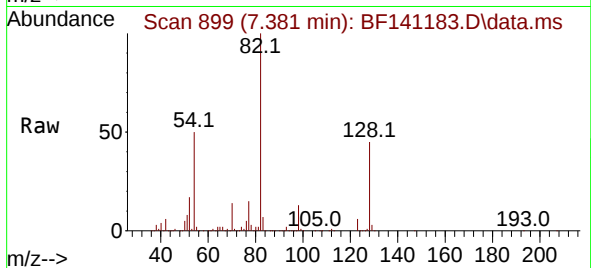
BNA_F

ClientSampleId :

PB166033BSD

Tgt Ion: 82 Resp: 1049765

Ion	Ratio	Lower	Upper
82	100		
128	45.2	36.1	54.1
54	50.3	41.0	61.4



#24

Nitrobenzene

Concen: 47.519 ng

RT: 7.398 min Scan# 902

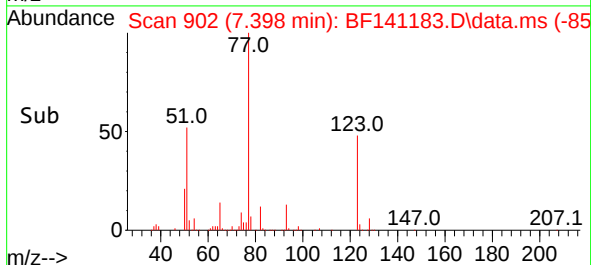
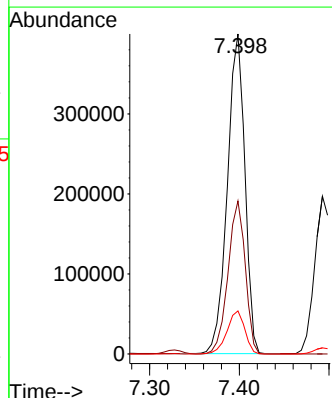
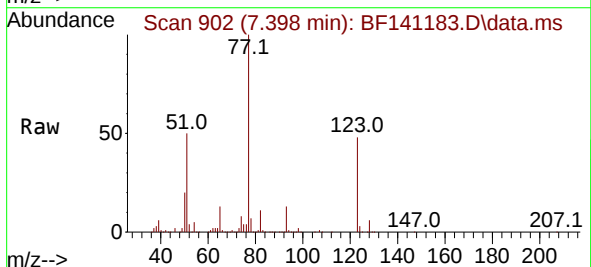
Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Tgt Ion: 77 Resp: 541641

Ion	Ratio	Lower	Upper
77	100		
123	47.8	37.7	56.5
65	13.5	10.6	16.0

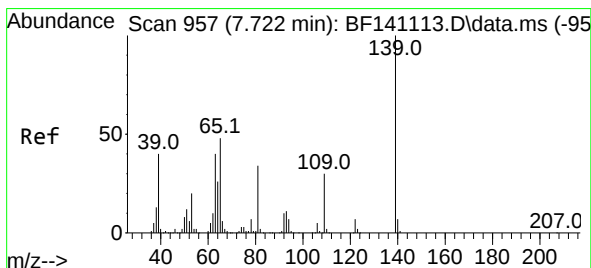
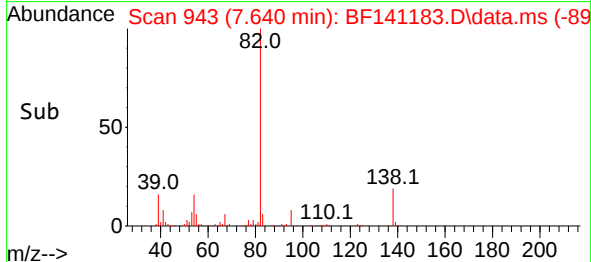
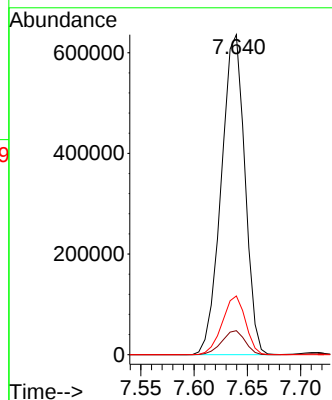
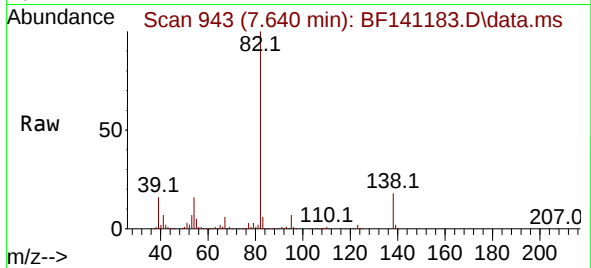




#25
Isophorone
Concen: 52.404 ng
RT: 7.640 min Scan# 943
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

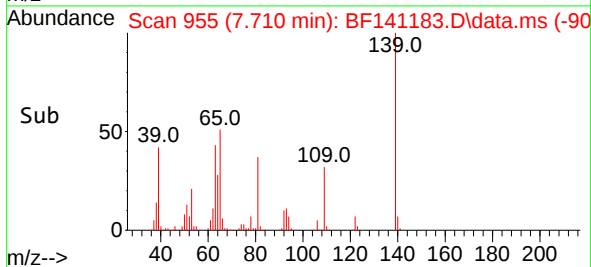
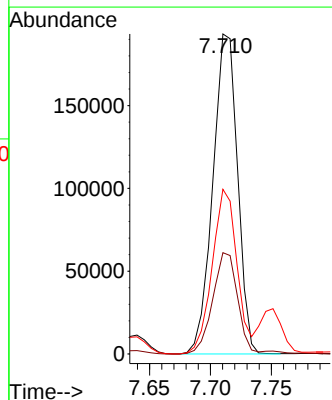
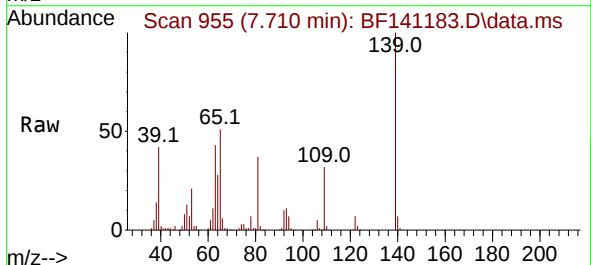
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

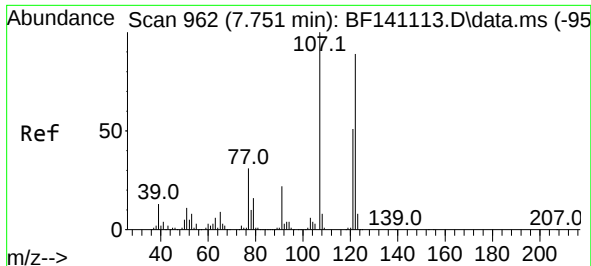
Tgt Ion: 82 Resp: 979464
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.4 14.2 21.2



#26
2-Nitrophenol
Concen: 52.648 ng
RT: 7.710 min Scan# 955
Delta R.T. -0.012 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:139 Resp: 272979
Ion Ratio Lower Upper
139 100
109 31.7 23.8 35.6
65 51.4 38.5 57.7

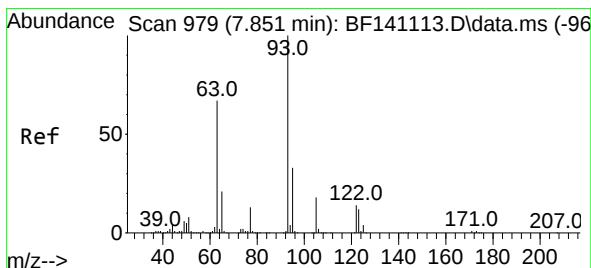
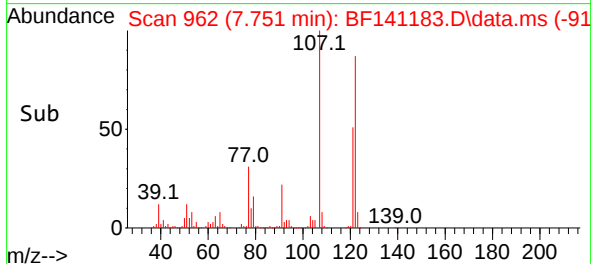
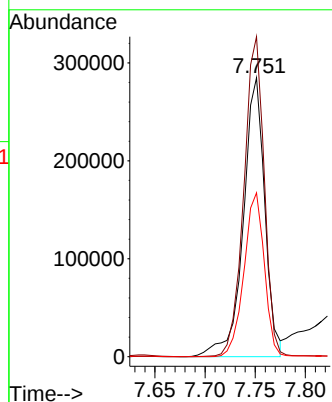
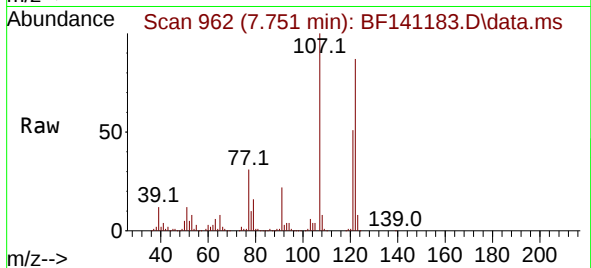




#27
2,4-Dimethylphenol
Concen: 60.959 ng
RT: 7.751 min Scan# 962
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

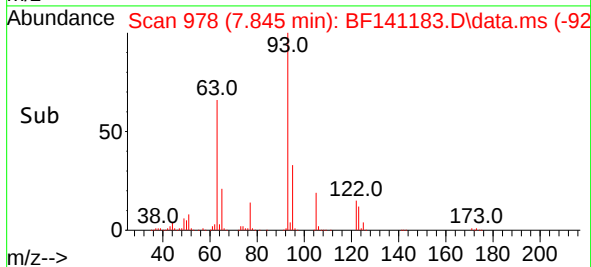
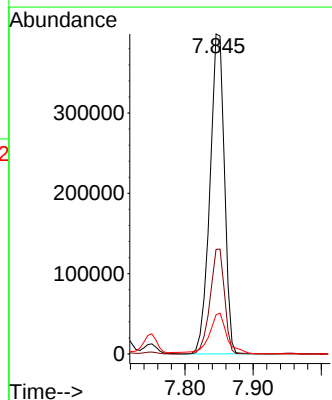
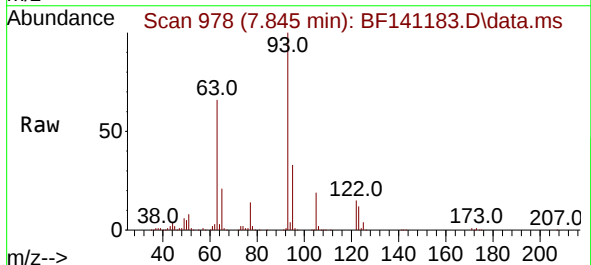
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:122 Resp: 426337
Ion Ratio Lower Upper
122 100
107 114.7 90.3 135.5
121 58.8 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 50.224 ng
RT: 7.845 min Scan# 978
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion: 93 Resp: 589125
Ion Ratio Lower Upper
93 100
95 32.7 26.2 39.4
123 12.2 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 52.319 ng

RT: 7.951 min Scan# 997

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

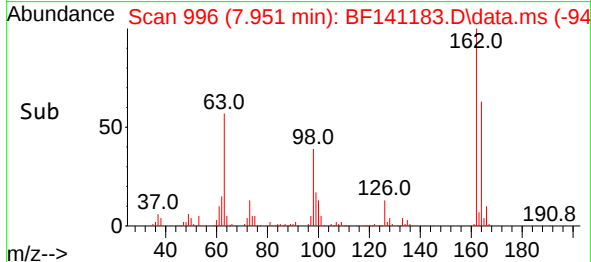
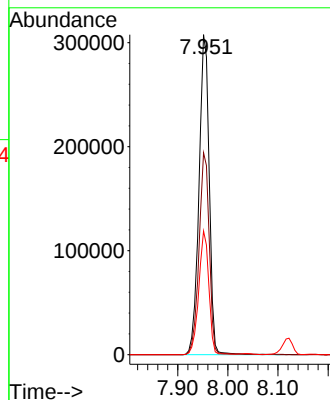
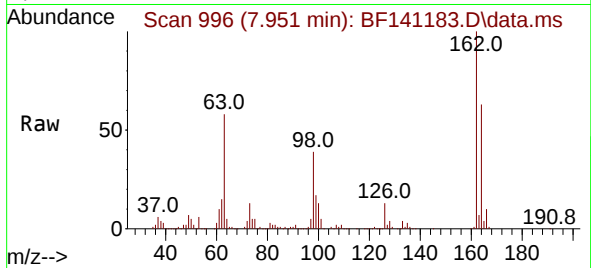
Tgt Ion:162 Resp: 434576

Ion Ratio Lower Upper

162 100

164 63.1 44.5 84.5

98 38.7 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 47.683 ng

RT: 8.040 min Scan# 1011

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

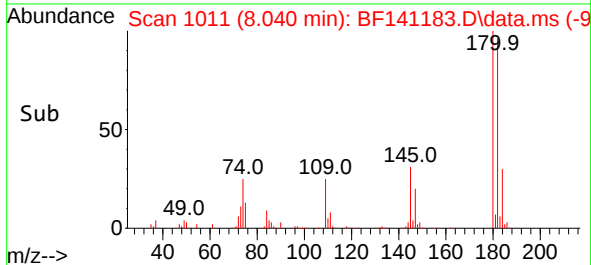
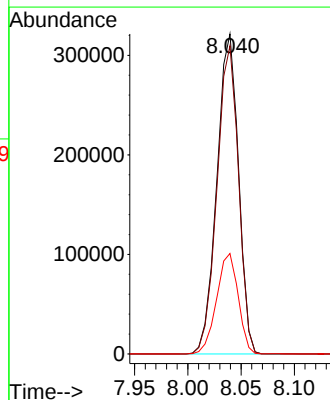
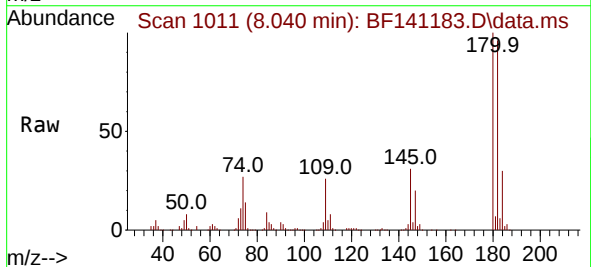
Tgt Ion:180 Resp: 452720

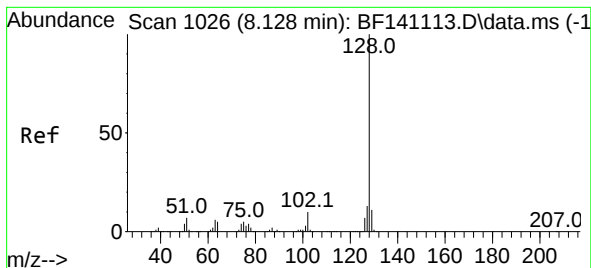
Ion Ratio Lower Upper

180 100

182 96.3 76.2 114.2

145 31.4 25.3 37.9





#31

Naphthalene

Concen: 49.374 ng

RT: 8.122 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

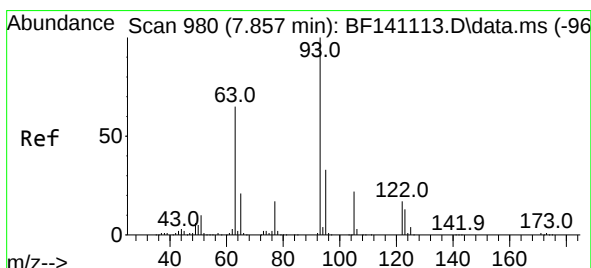
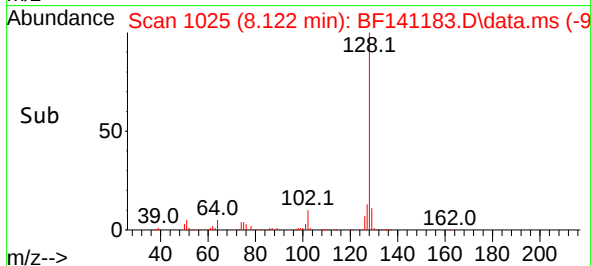
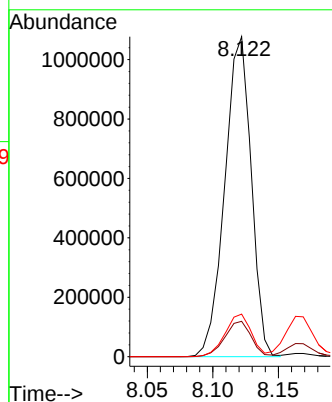
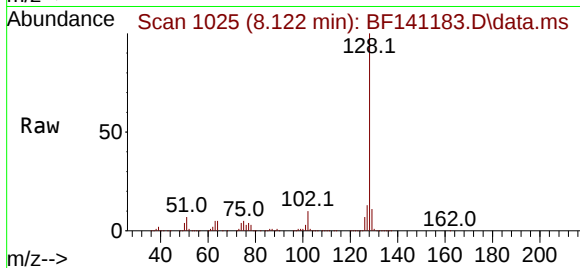
Tgt Ion:128 Resp: 1509542

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.3 10.8 16.2



#32

Benzoic acid

Concen: 50.501 ng

RT: 7.875 min Scan# 983

Delta R.T. 0.018 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

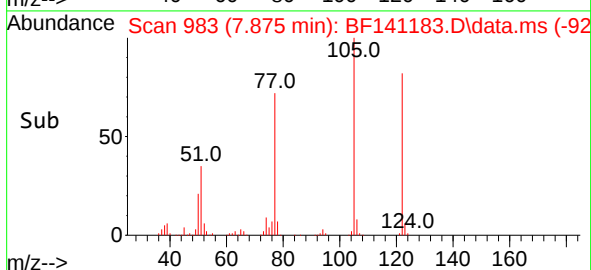
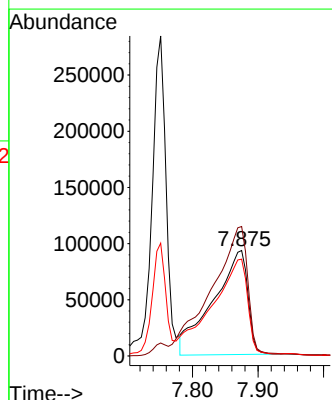
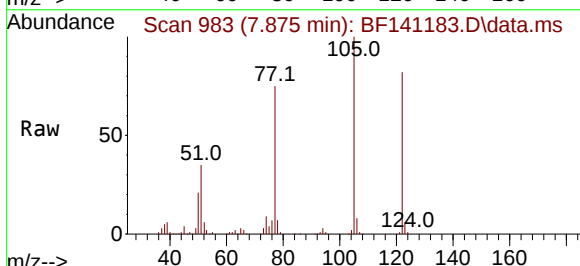
Tgt Ion:122 Resp: 338811

Ion Ratio Lower Upper

122 100

105 122.7 105.5 145.5

77 91.8 75.1 115.1

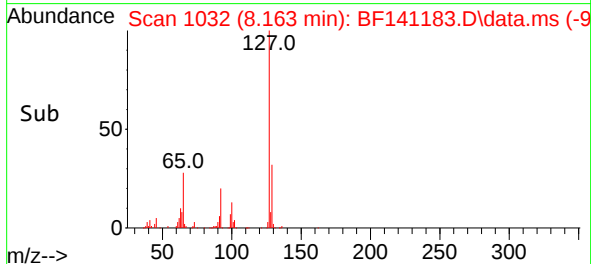
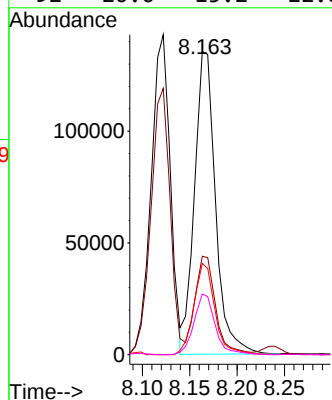
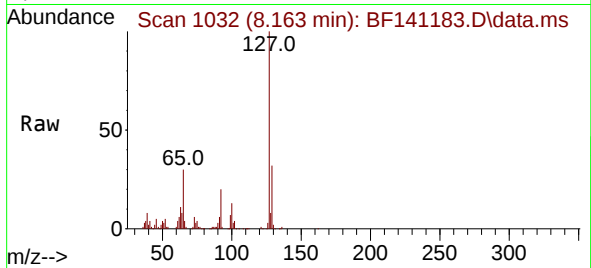




#33
4-Chloroaniline
Concen: 19.829 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

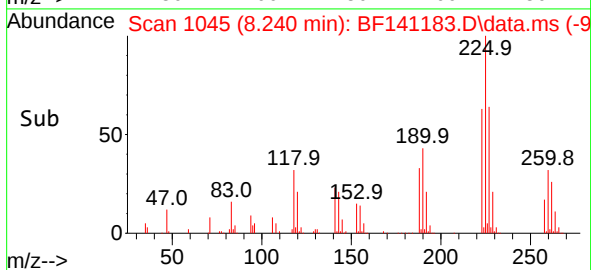
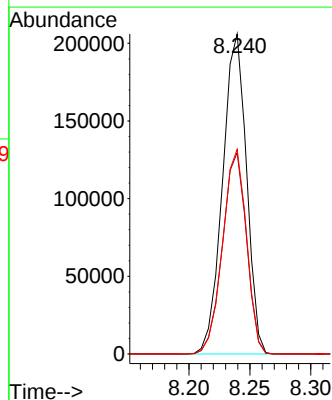
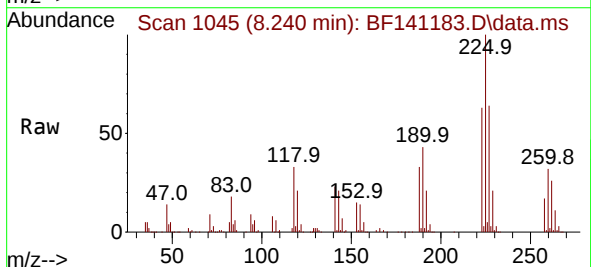
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

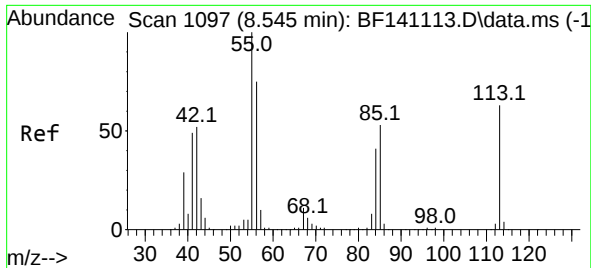
Tgt Ion:127	Resp: 209658
Ion Ratio	Lower Upper
127 100	
129 32.4	25.9 38.9
65 30.1	23.8 35.8
92 20.0	15.2 22.8



#34
Hexachlorobutadiene
Concen: 49.249 ng
RT: 8.240 min Scan# 1045
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:225	Resp: 281753
Ion Ratio	Lower Upper
225 100	
223 62.9	50.6 76.0
227 63.9	51.6 77.4

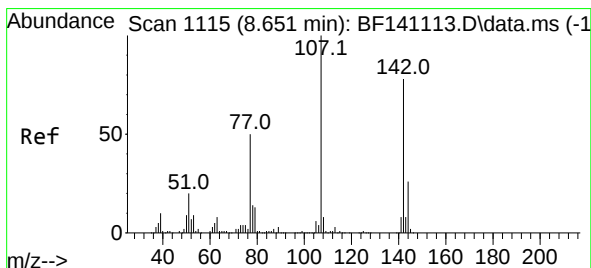
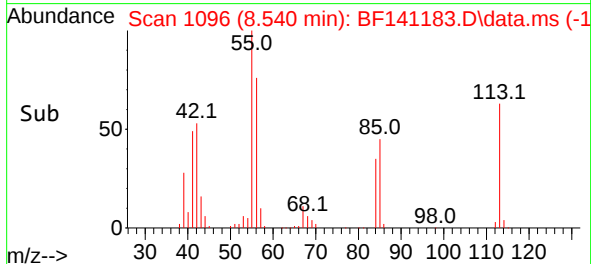
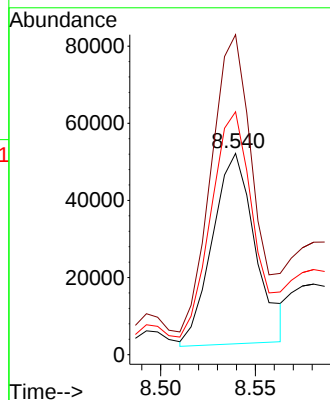
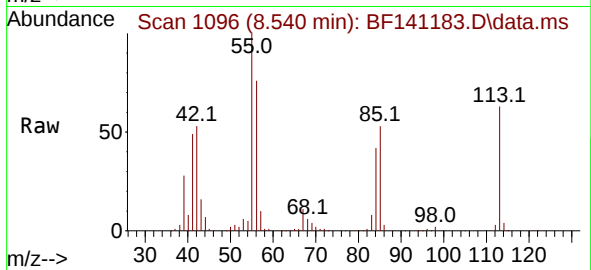




#35
 Caprolactam
 Concen: 28.676 ng
 RT: 8.540 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

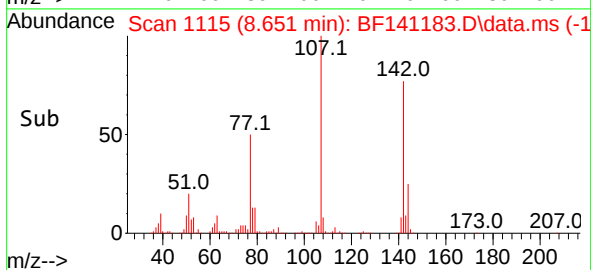
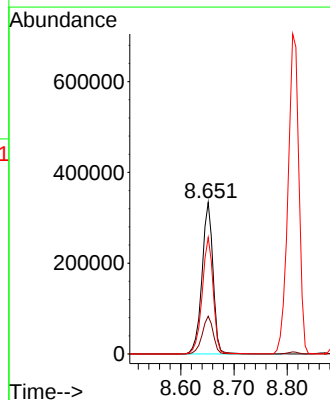
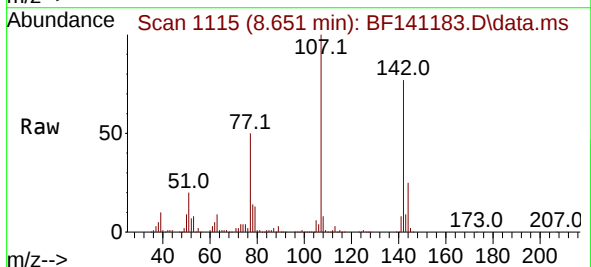
Instrument :
 BNA_F
 ClientSampleId :
 PB166033BSD

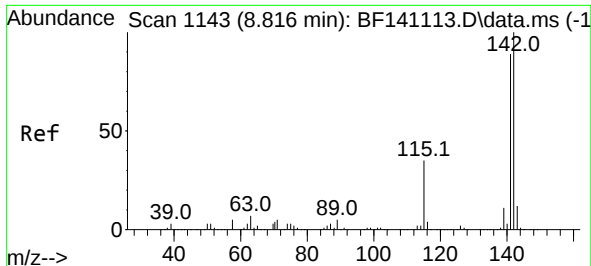
Tgt Ion:113 Resp: 77982
 Ion Ratio Lower Upper
 113 100
 55 158.9 139.7 179.7
 56 120.6 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 52.714 ng
 RT: 8.651 min Scan# 1115
 Delta R.T. 0.000 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

Tgt Ion:107 Resp: 478863
 Ion Ratio Lower Upper
 107 100
 144 24.9 20.4 30.6
 142 77.0 62.2 93.2





#37

2-Methylnaphthalene

Concen: 51.055 ng

RT: 8.810 min Scan# 1143

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

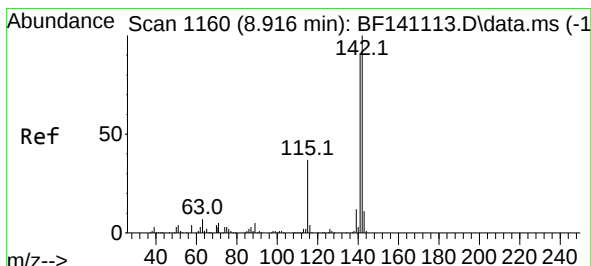
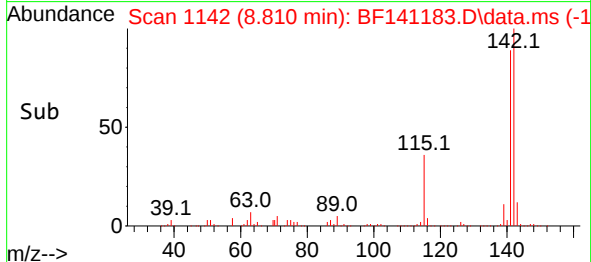
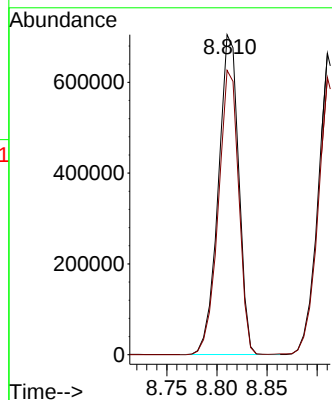
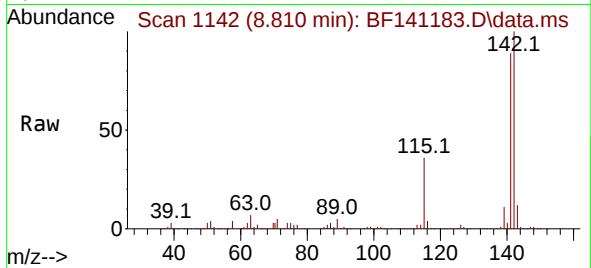
PB166033BSD

Tgt Ion:142 Resp: 994680

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9



#38

1-Methylnaphthalene

Concen: 48.365 ng

RT: 8.910 min Scan# 1159

Delta R.T. -0.006 min

Lab File: BF141183.D

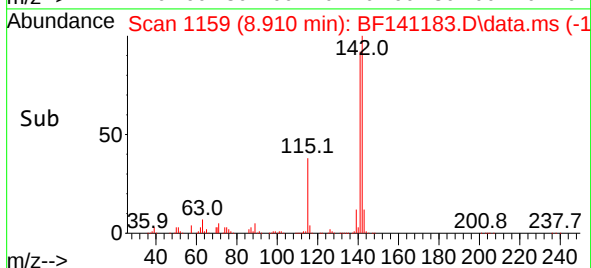
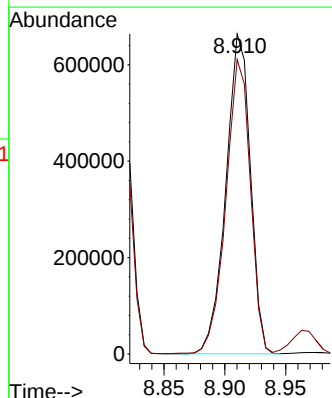
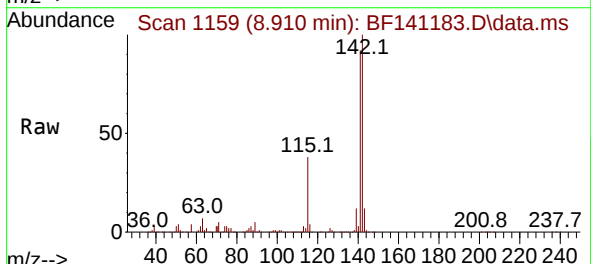
Acq: 16 Jan 2025 14:14

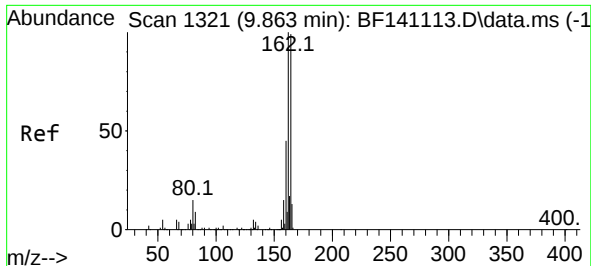
Tgt Ion:142 Resp: 928639

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7

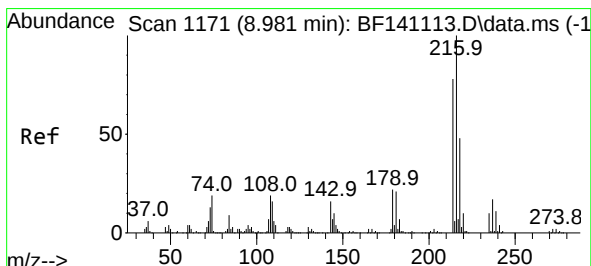
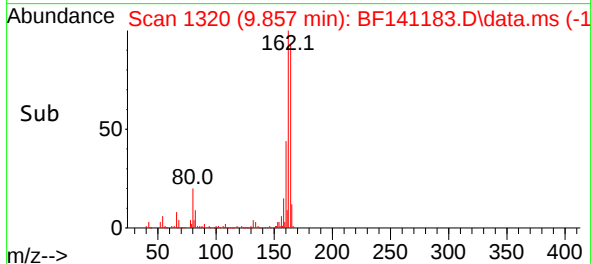
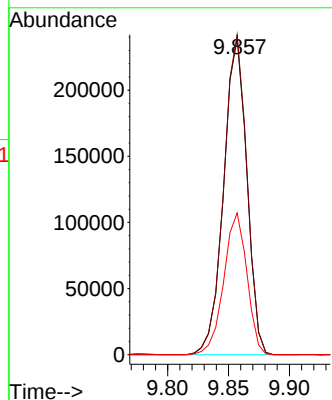
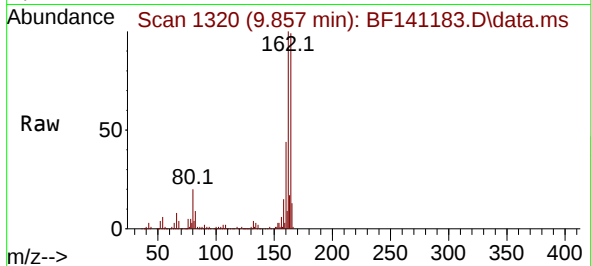




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11320
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

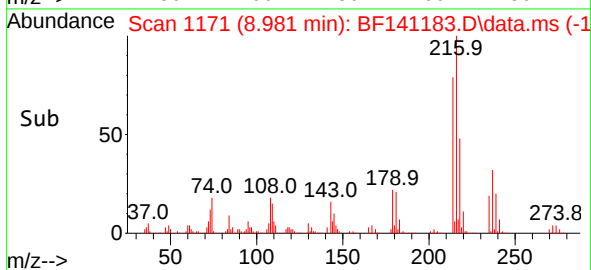
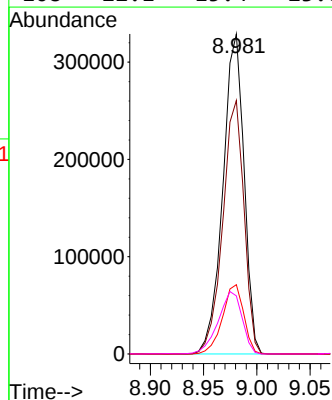
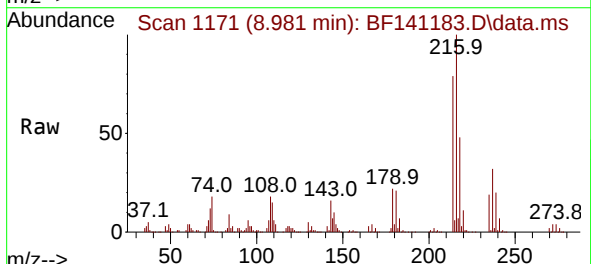
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:164 Resp: 316390
Ion Ratio Lower Upper
164 100
162 101.2 81.0 121.4
160 44.8 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.932 ng
RT: 8.981 min Scan# 1171
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:216 Resp: 453432
Ion Ratio Lower Upper
216 100
214 79.4 62.6 94.0
179 21.8 17.7 26.5
108 22.1 15.4 23.0

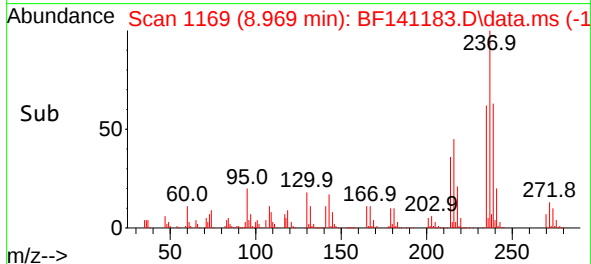
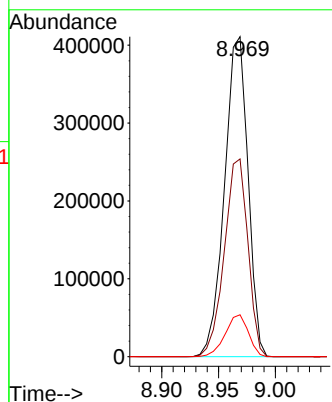
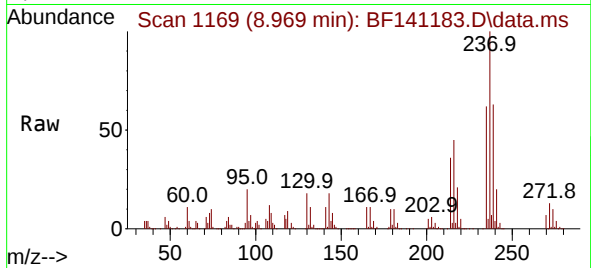




#41
Hexachlorocyclopentadiene
Concen: 198.804 ng
RT: 8.969 min Scan# 1169
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

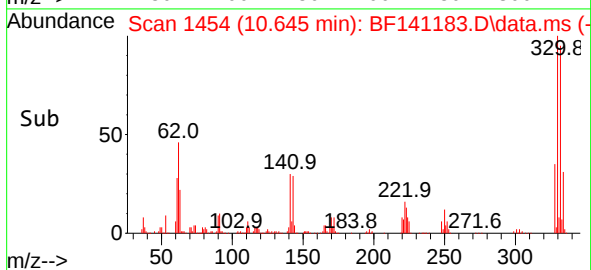
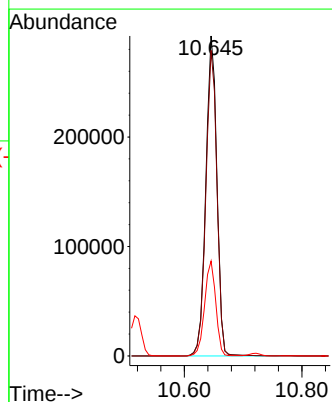
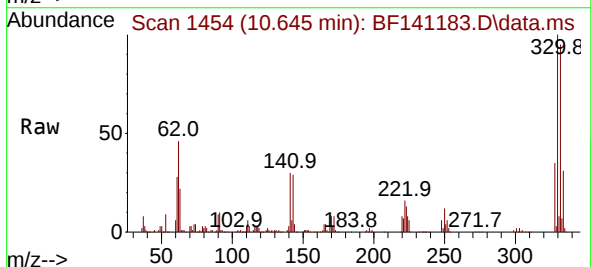
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

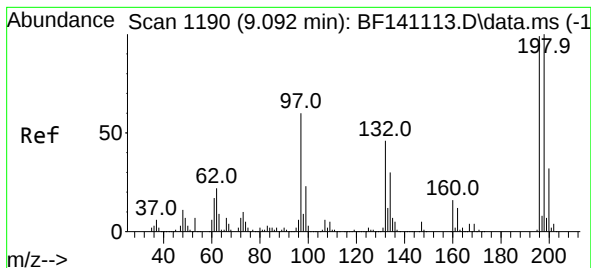
Tgt Ion:237 Resp: 590646
Ion Ratio Lower Upper
237 100
235 61.8 43.0 83.0
272 13.1 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 105.656 ng
RT: 10.645 min Scan# 1454
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:330 Resp: 380897
Ion Ratio Lower Upper
330 100
332 95.8 76.9 115.3
141 30.0 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 53.687 ng

RT: 9.092 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

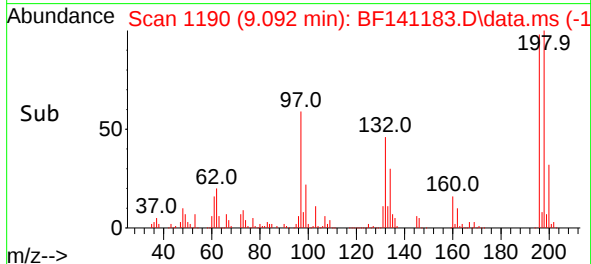
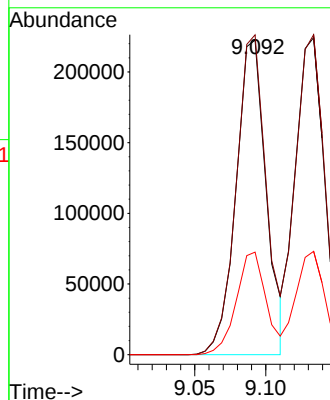
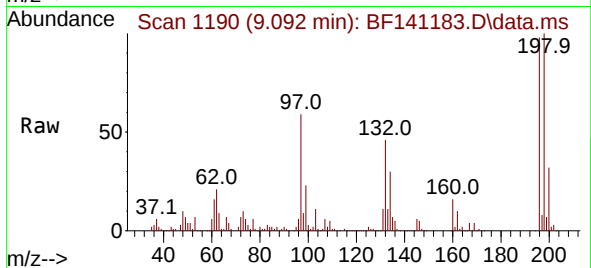
Tgt Ion:196 Resp: 328808

Ion Ratio Lower Upper

196 100

198 101.7 80.8 121.2

200 32.6 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 49.435 ng

RT: 9.134 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Tgt Ion:196 Resp: 319761

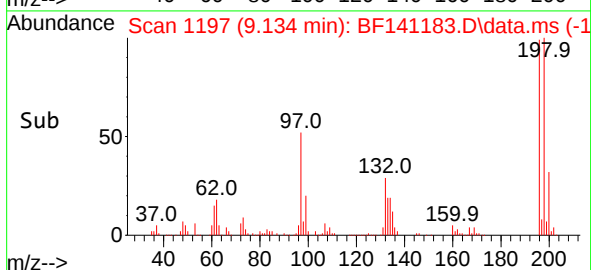
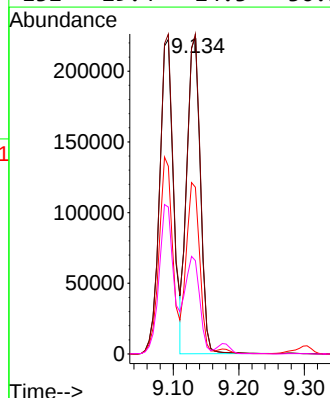
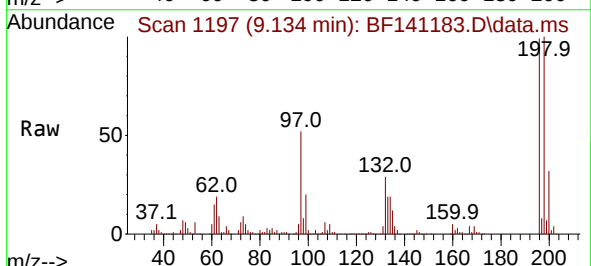
Ion Ratio Lower Upper

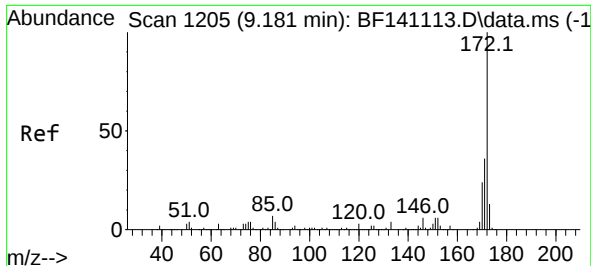
196 100

198 100.9 80.6 120.8

97 52.6 43.1 64.7

132 29.4 24.3 36.5

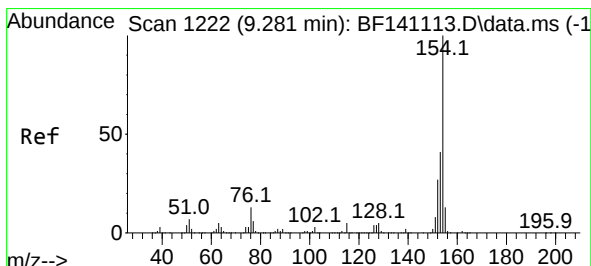
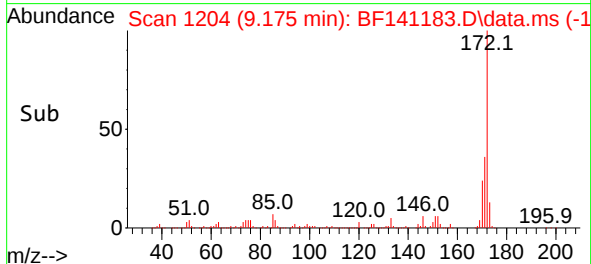
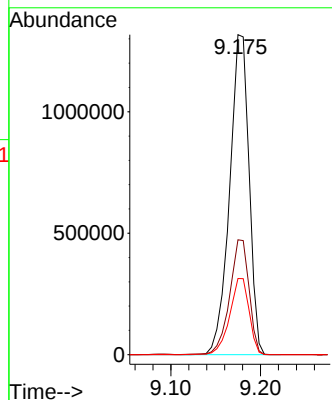
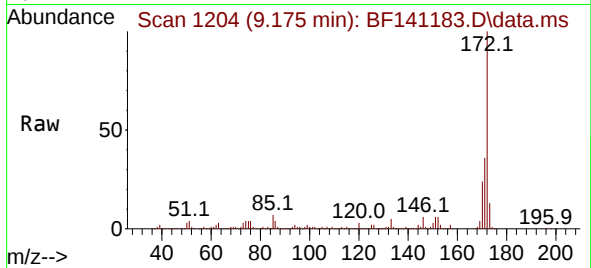




#45
2-Fluorobiphenyl
Concen: 95.530 ng
RT: 9.175 min Scan# 1204
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

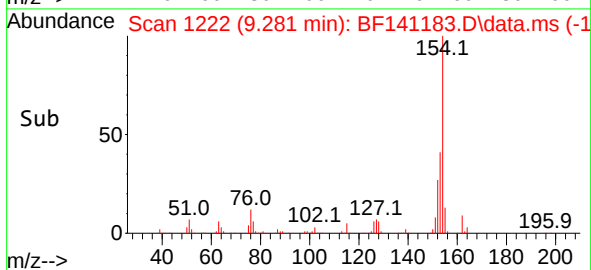
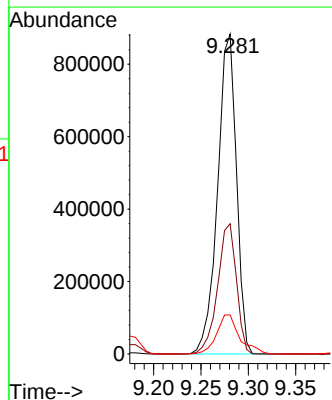
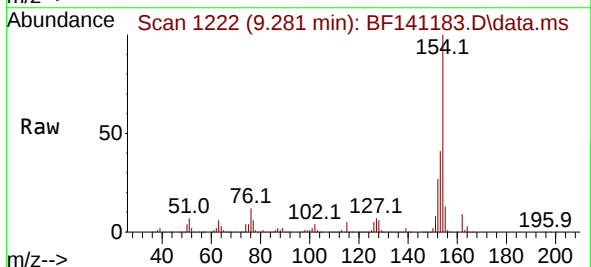
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:172 Resp: 1979294
Ion Ratio Lower Upper
172 100
171 35.9 28.7 43.1
170 23.8 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.751 ng
RT: 9.281 min Scan# 1222
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:154 Resp: 1222418
Ion Ratio Lower Upper
154 100
153 40.7 20.7 60.7
76 12.2 0.0 33.1





#47

2-Chloronaphthalene

Concen: 48.347 ng

RT: 9.304 min Scan# 1226

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

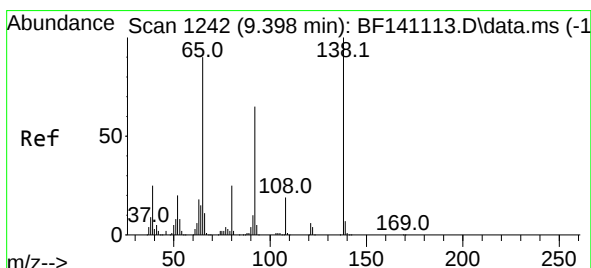
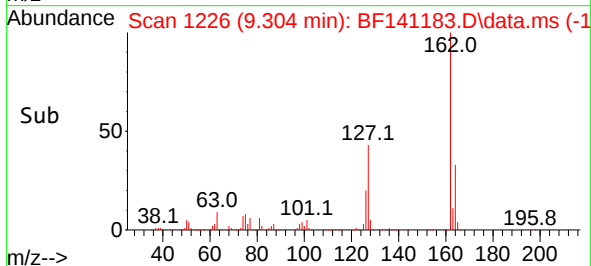
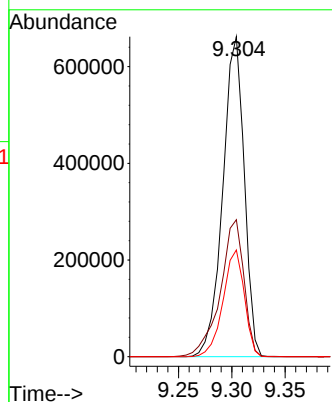
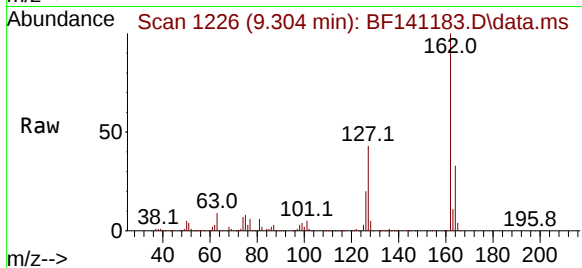
Tgt Ion:162 Resp: 925244

Ion Ratio Lower Upper

162 100

127 42.8 34.6 51.8

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 51.744 ng

RT: 9.398 min Scan# 1242

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

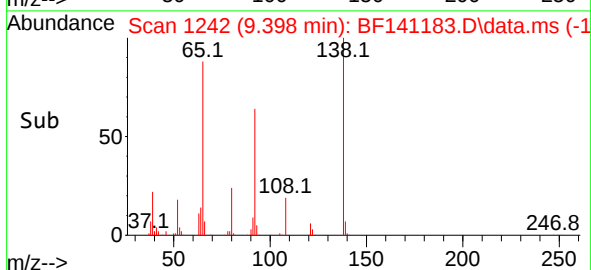
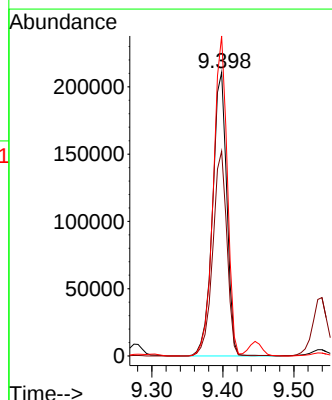
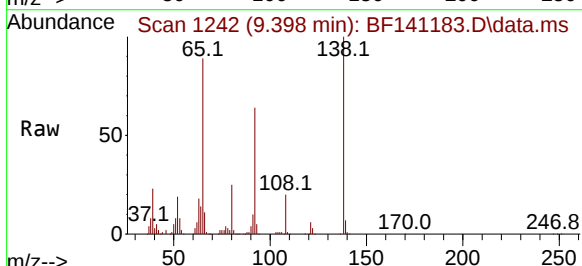
Tgt Ion: 65 Resp: 293543

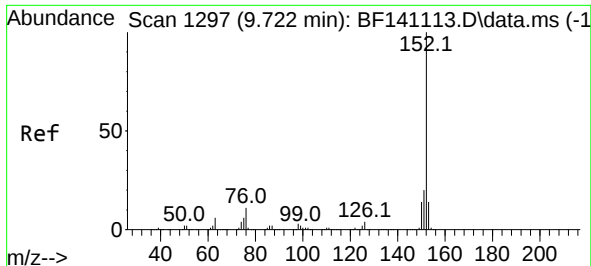
Ion Ratio Lower Upper

65 100

92 72.2 58.3 87.5

138 112.9 89.1 133.7





#49

Acenaphthylene

Concen: 53.168 ng

RT: 9.716 min Scan# 1296

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

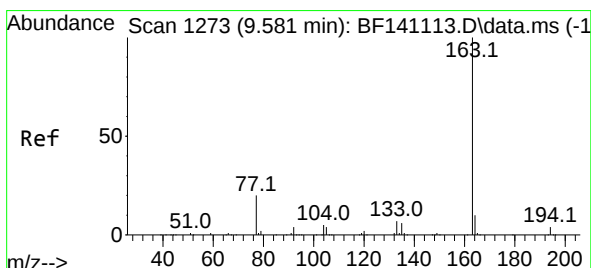
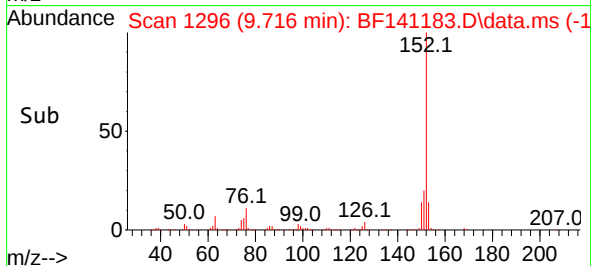
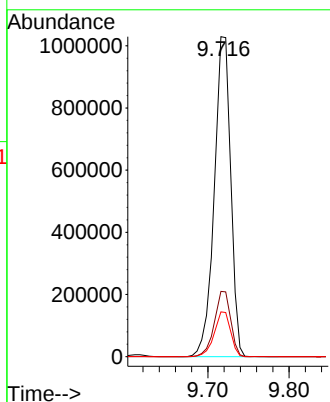
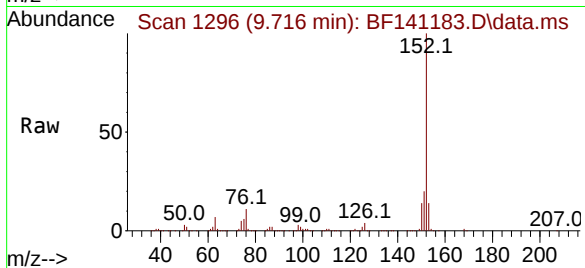
Tgt Ion:152 Resp: 1453718

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 52.553 ng

RT: 9.581 min Scan# 1273

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

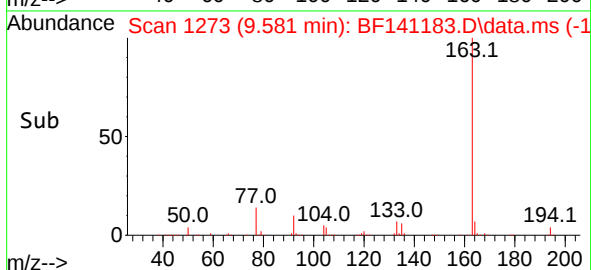
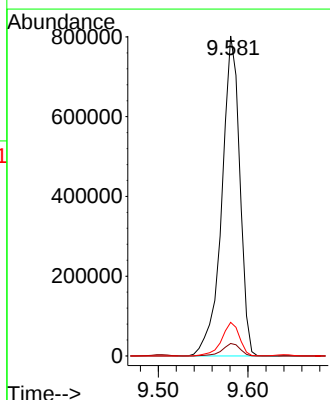
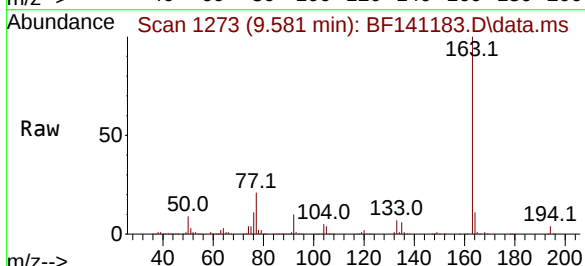
Tgt Ion:163 Resp: 1116248

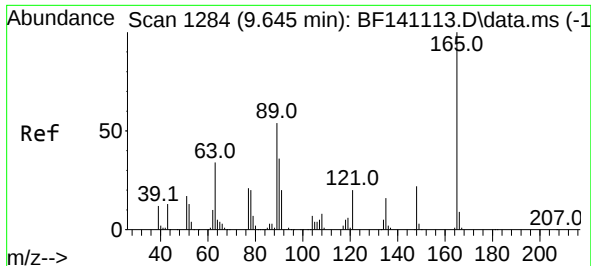
Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

164 10.5 8.2 12.4

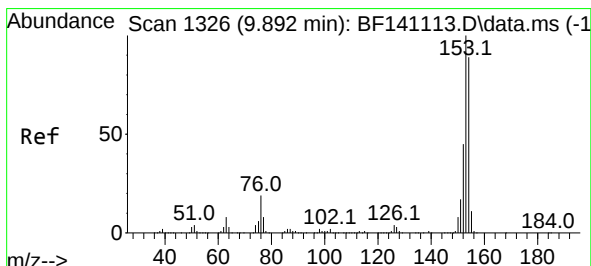
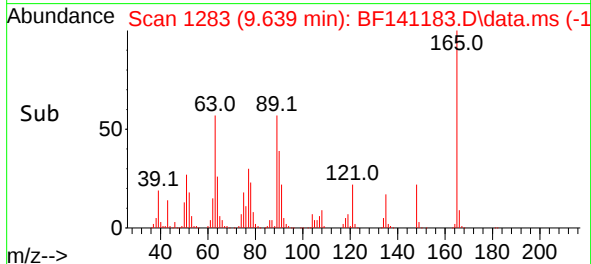
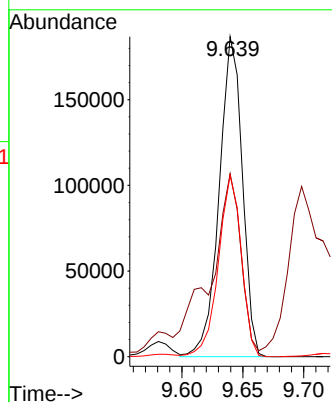
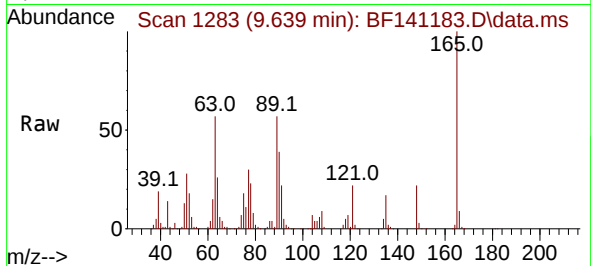




#51
2,6-Dinitrotoluene
Concen: 49.953 ng
RT: 9.639 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

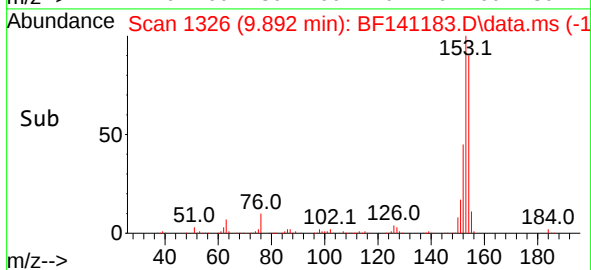
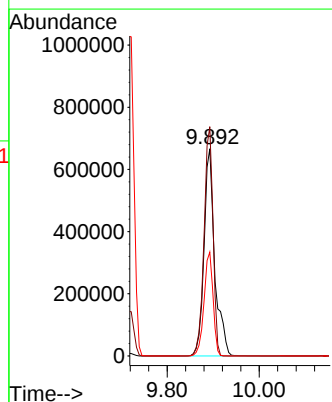
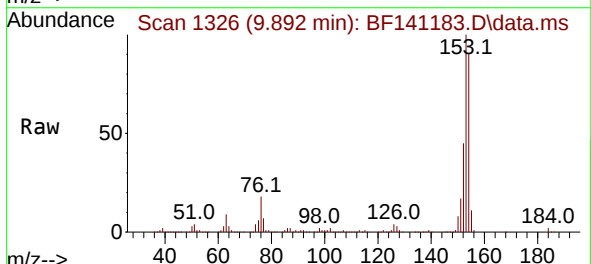
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

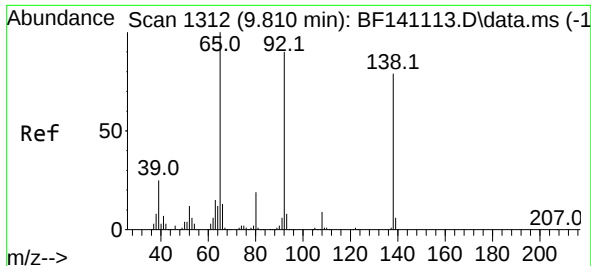
Tgt Ion:165 Resp: 246736
Ion Ratio Lower Upper
165 100
63 57.2 42.3 63.5
89 56.7 43.1 64.7



#52
Acenaphthene
Concen: 57.114 ng
RT: 9.892 min Scan# 1326
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:154 Resp: 1091014
Ion Ratio Lower Upper
154 100
153 110.6 89.8 134.6
152 50.1 40.8 61.2

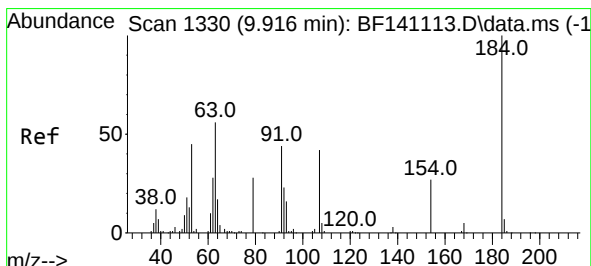
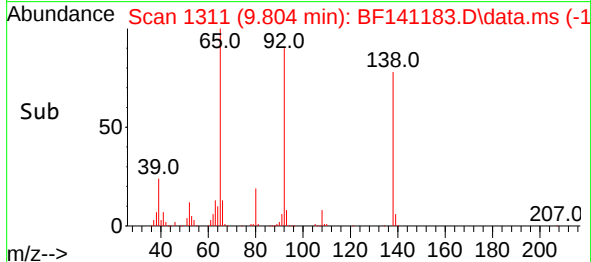
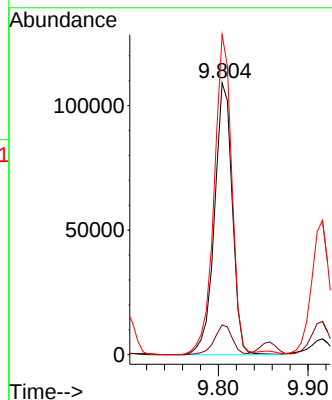
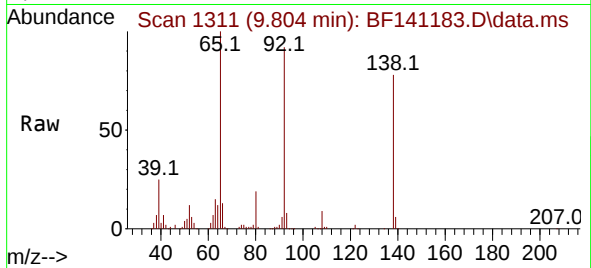




#53
3-Nitroaniline
Concen: 29.897 ng
RT: 9.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

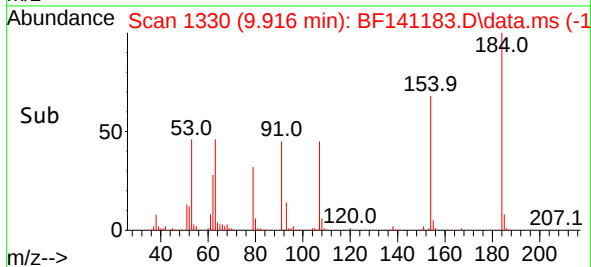
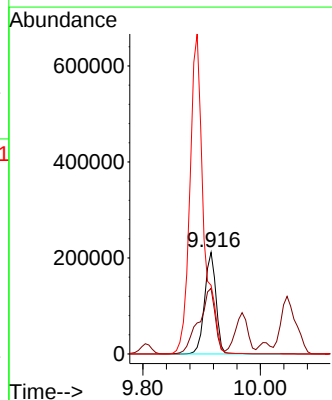
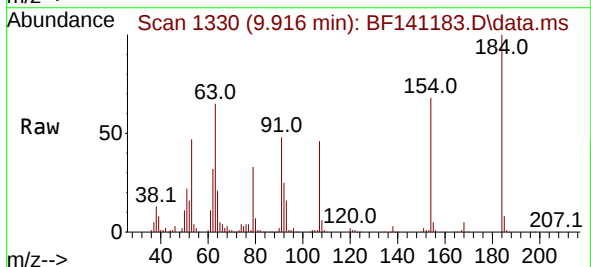
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

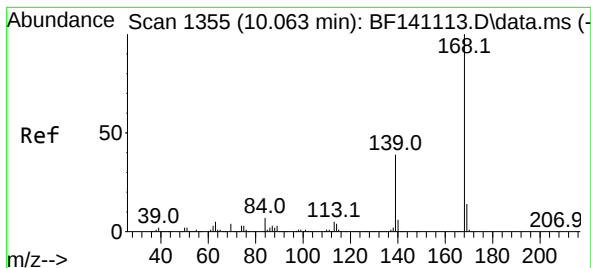
Tgt Ion:138 Resp: 150065
Ion Ratio Lower Upper
138 100
108 10.9 8.8 13.2
92 117.7 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 121.783 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:184 Resp: 285921
Ion Ratio Lower Upper
184 100
63 64.6 48.7 73.1
154 67.6 57.1 85.7

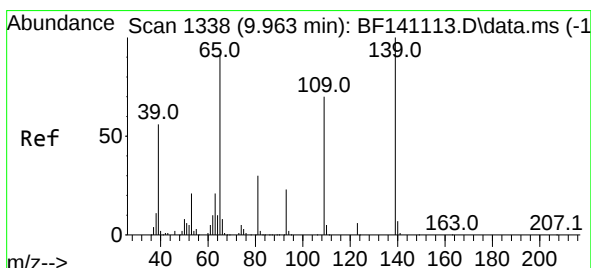
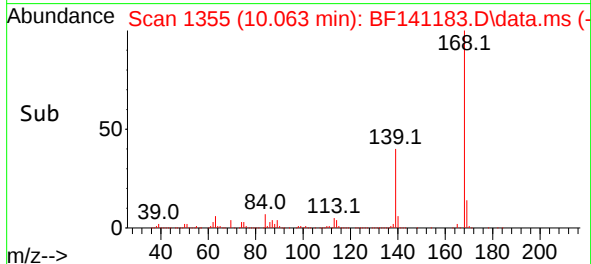
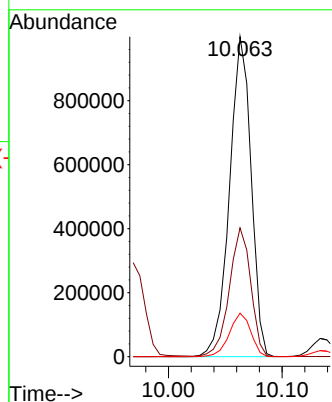
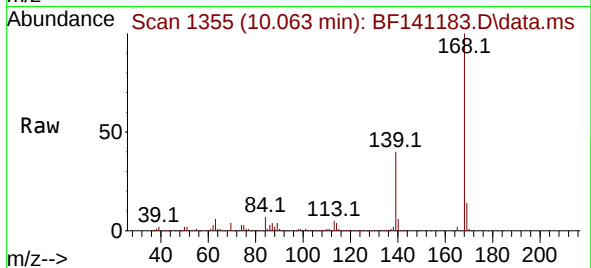




#55
Dibenzofuran
Concen: 50.845 ng
RT: 10.063 min Scan# 1355
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

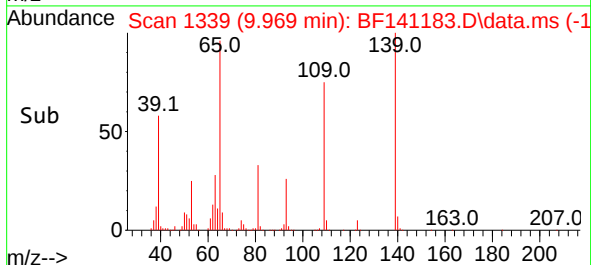
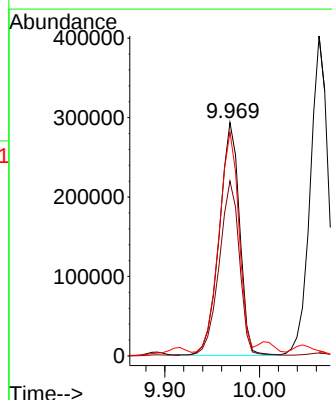
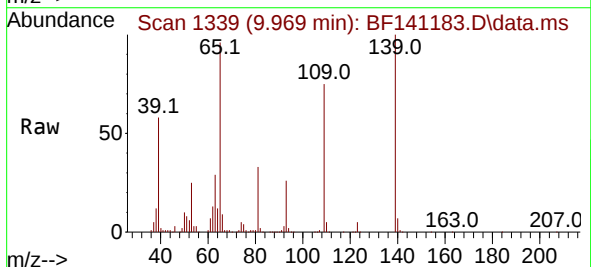
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

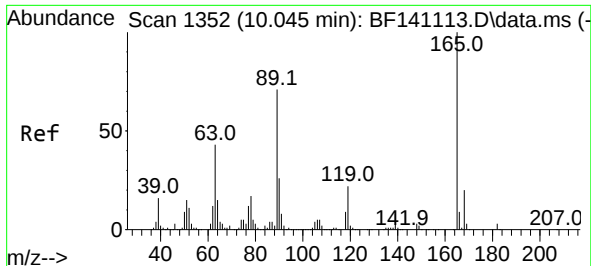
Tgt Ion:168 Resp: 1321122
Ion Ratio Lower Upper
168 100
139 40.3 31.4 47.0
169 13.6 10.9 16.3



#56
4-Nitrophenol
Concen: 110.986 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:139 Resp: 436294
Ion Ratio Lower Upper
139 100
109 74.9 50.2 90.2
65 95.9 72.1 112.1

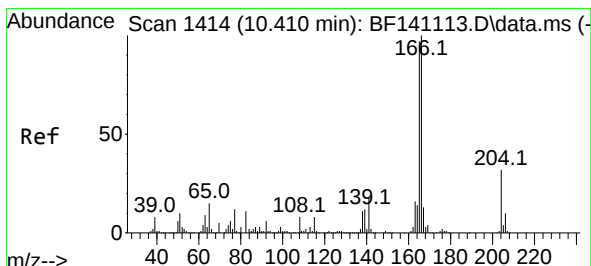
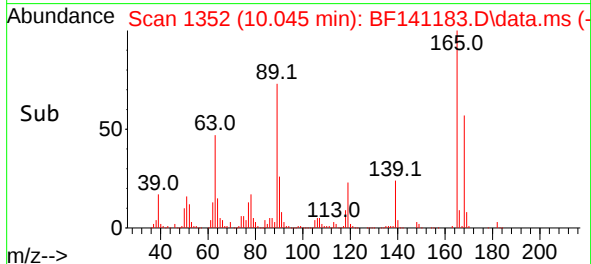
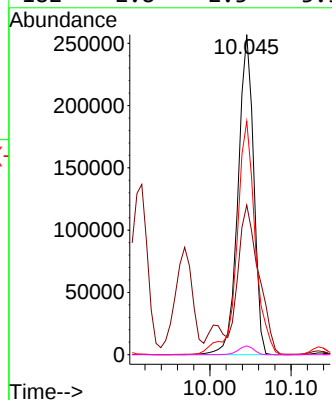
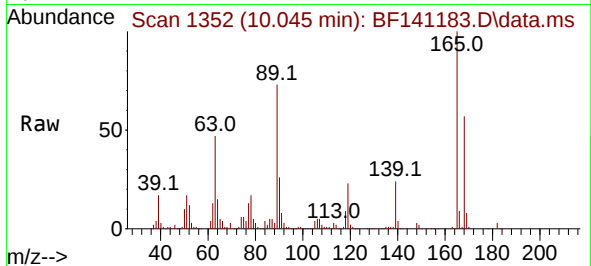




#57
2,4-Dinitrotoluene
Concen: 53.680 ng
RT: 10.045 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

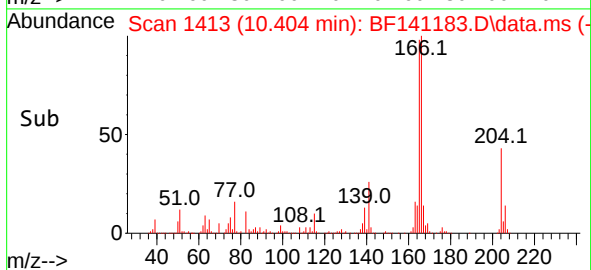
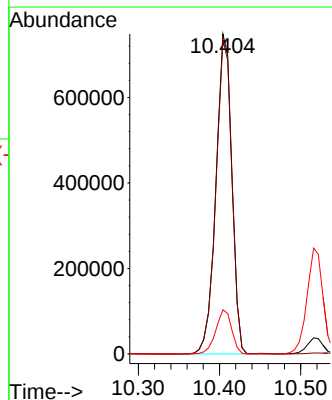
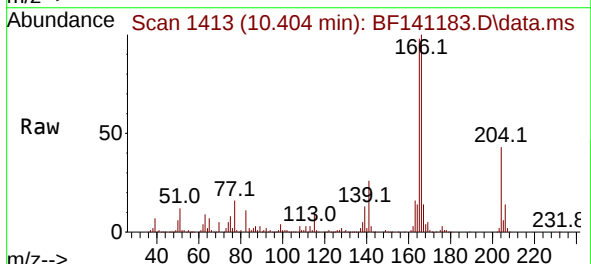
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

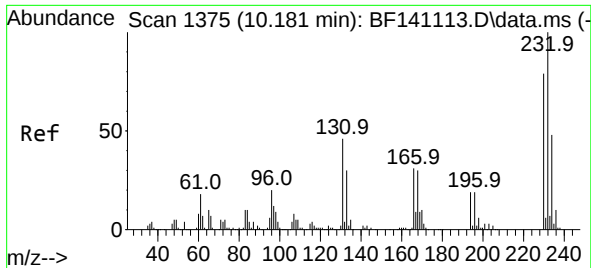
Tgt Ion:165 Resp: 341705
Ion Ratio Lower Upper
165 100
63 46.7 35.0 52.4
89 73.0 56.7 85.1
182 2.8 2.3 3.5



#58
Fluorene
Concen: 50.646 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:166 Resp: 1022349
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.8 10.8 16.2

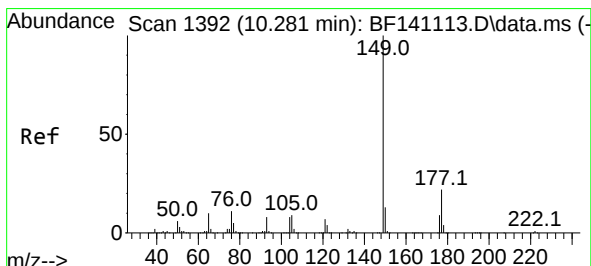
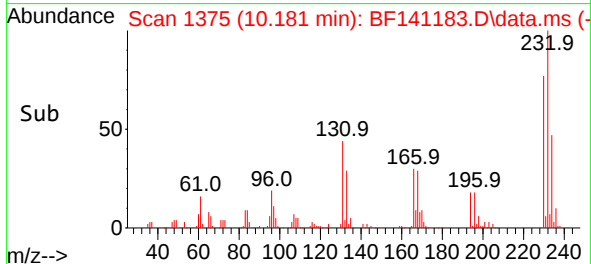
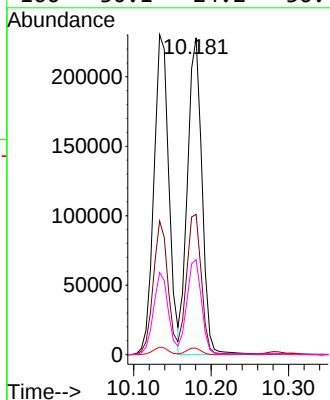
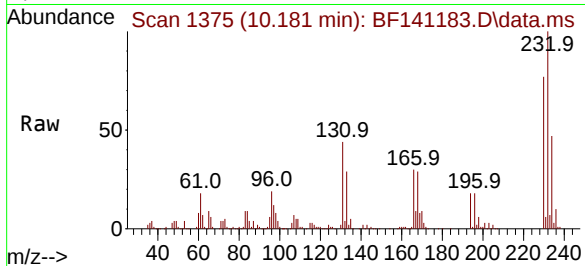




#59
2,3,4,6-Tetrachlorophenol
Concen: 54.887 ng
RT: 10.181 min Scan# 1375
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

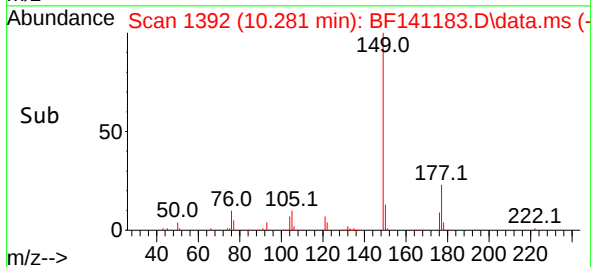
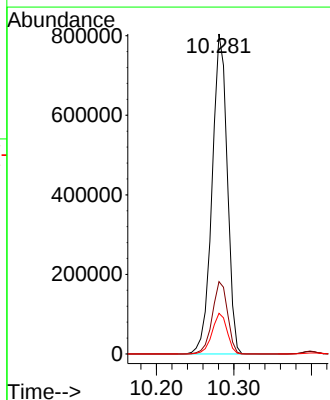
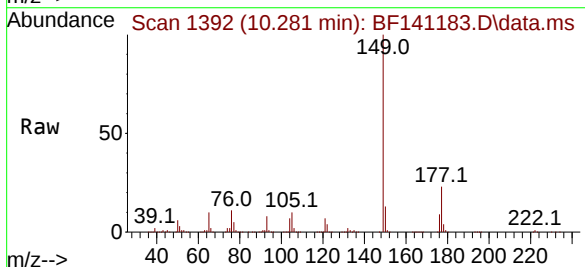
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

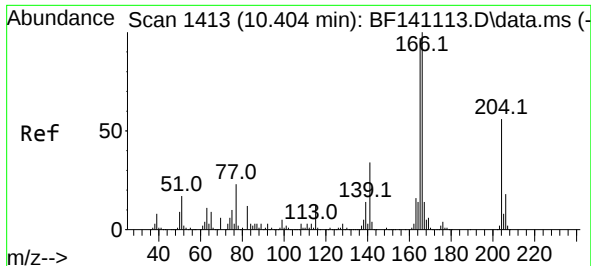
Tgt Ion:232 Resp: 295102
Ion Ratio Lower Upper
232 100
131 45.5 36.2 54.4
130 2.1 2.0 3.0
166 30.1 24.2 36.4



#60
Diethylphthalate
Concen: 52.739 ng
RT: 10.281 min Scan# 1392
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:149 Resp: 1093604
Ion Ratio Lower Upper
149 100
177 22.6 17.9 26.9
150 12.7 10.2 15.2

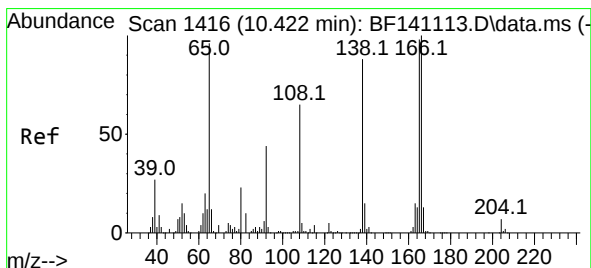
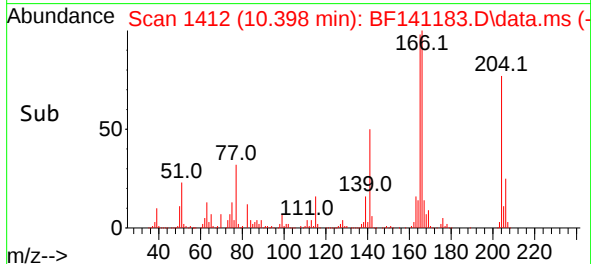
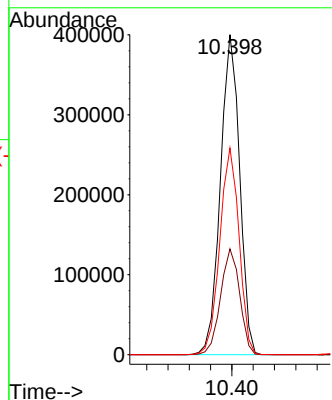
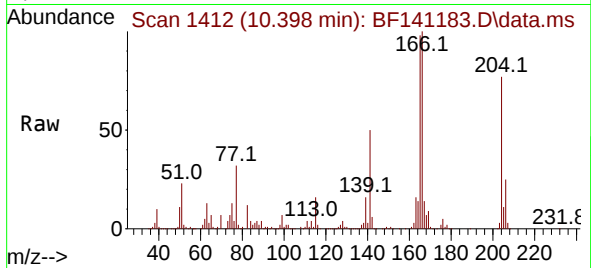




#61
4-Chlorophenyl-phenylether
Concen: 50.925 ng
RT: 10.398 min Scan# 1413
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

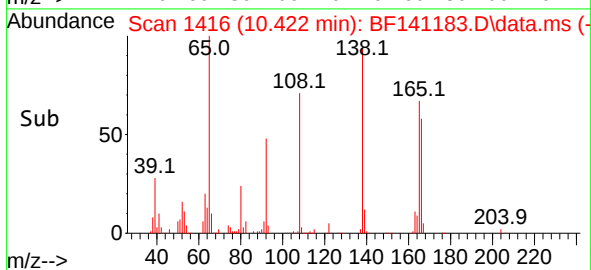
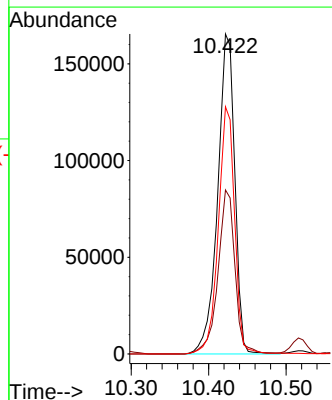
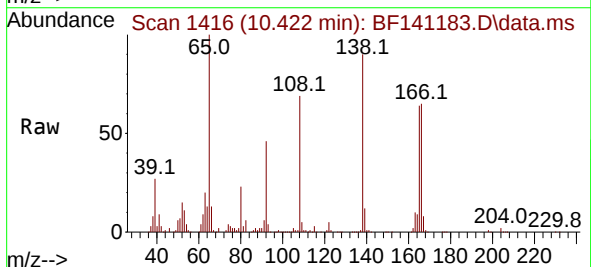
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

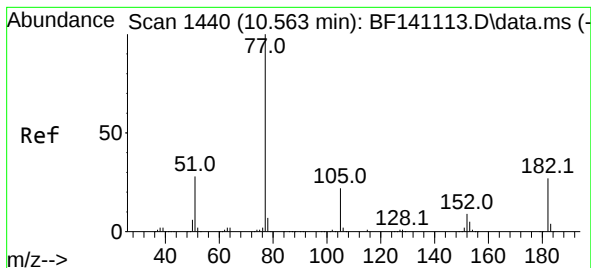
Tgt Ion:204 Resp: 501027
Ion Ratio Lower Upper
204 100
206 33.1 25.9 38.9
141 64.6 49.1 73.7



#62
4-Nitroaniline
Concen: 51.678 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:138 Resp: 253886
Ion Ratio Lower Upper
138 100
92 51.2 29.4 69.4
108 77.2 53.7 93.7





#63

Azobenzene

Concen: 51.534 ng

RT: 10.557 min Scan# 1439

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

Tgt Ion: 77 Resp: 1054432

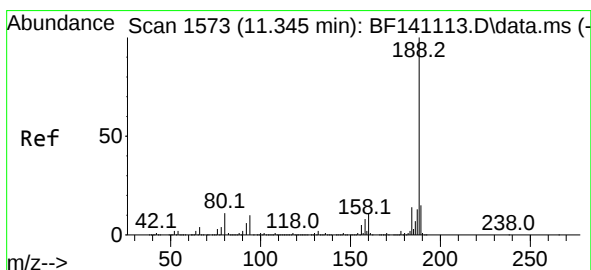
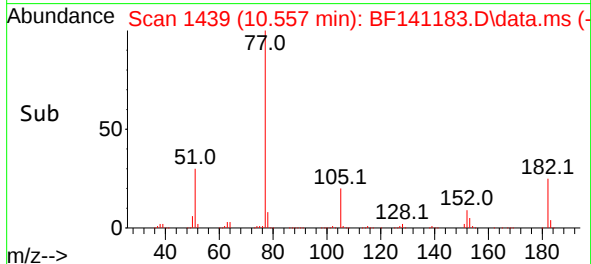
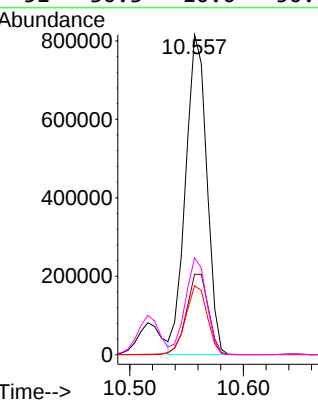
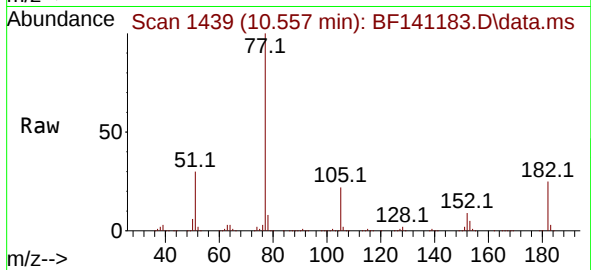
Ion Ratio Lower Upper

77 100

182 25.2 6.1 46.1

105 21.6 2.1 42.1

51 30.3 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: BF141183.D

Acq: 16 Jan 2025 14:14

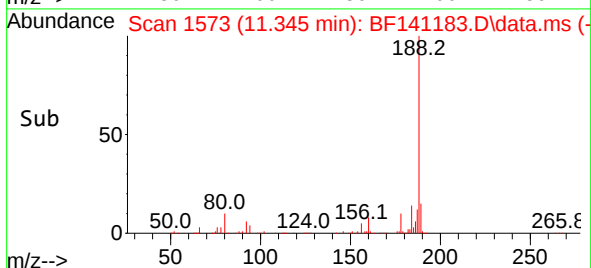
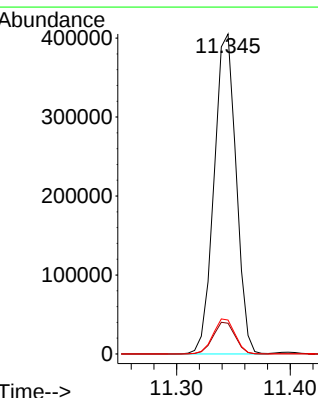
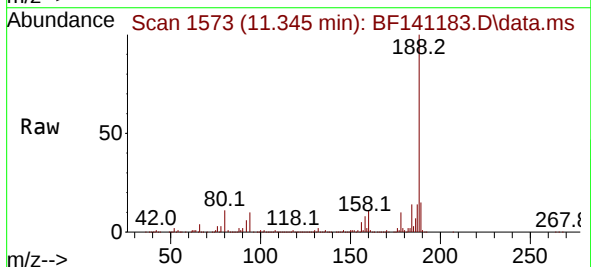
Tgt Ion:188 Resp: 547331

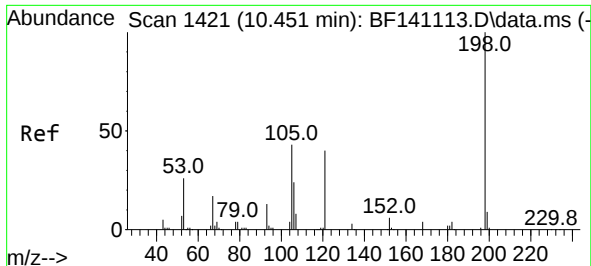
Ion Ratio Lower Upper

188 100

94 9.6 8.3 12.5

80 10.6 9.0 13.4

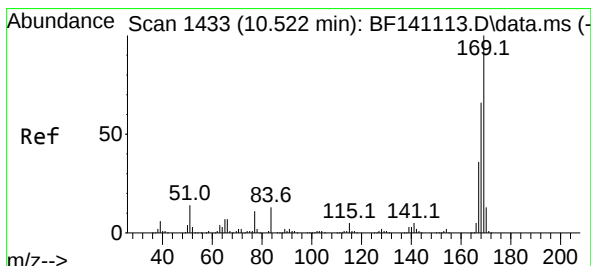
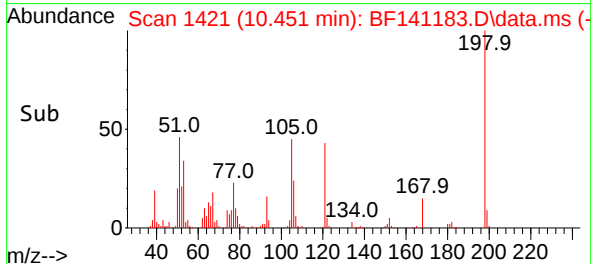
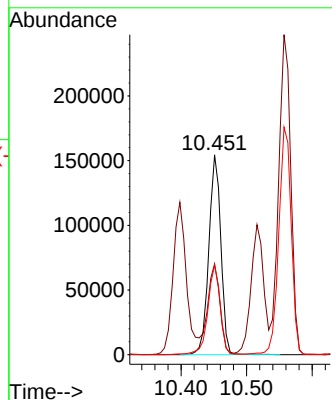
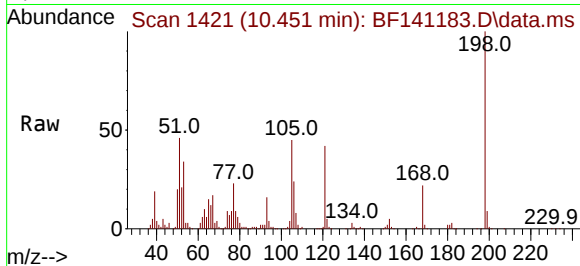




#65
4,6-Dinitro-2-methylphenol
Concen: 62.454 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

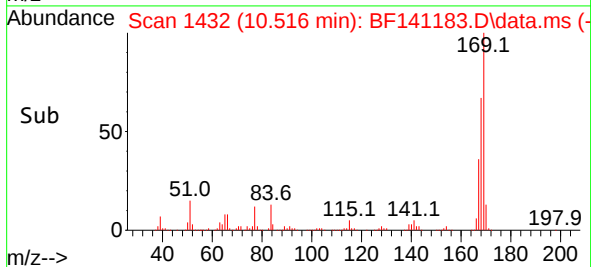
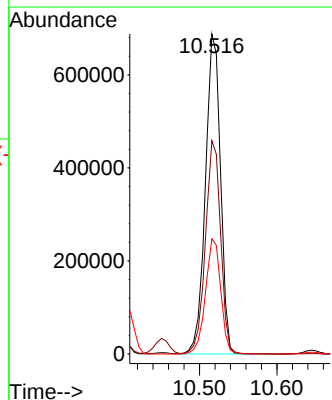
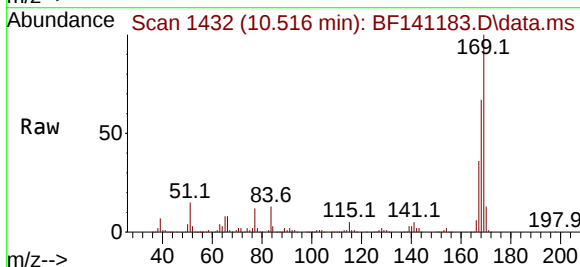
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

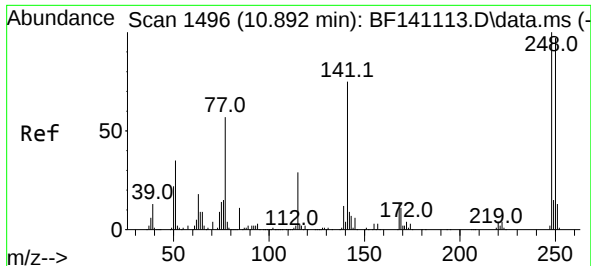
Tgt Ion:198 Resp: 198081
Ion Ratio Lower Upper
198 100
51 45.5 27.1 67.1
105 44.8 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 52.534 ng
RT: 10.516 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:169 Resp: 927421
Ion Ratio Lower Upper
169 100
168 66.7 52.5 78.7
167 36.0 28.9 43.3

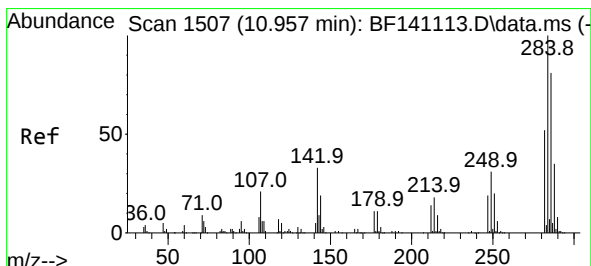
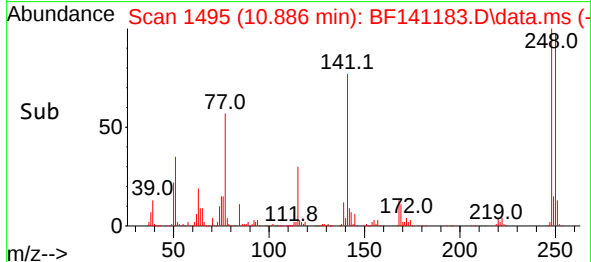
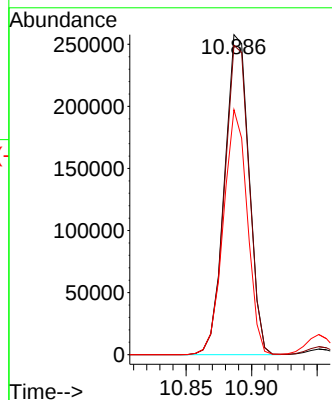
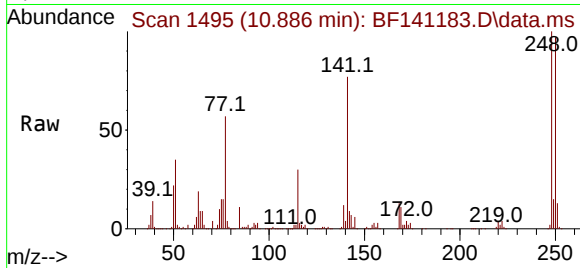




#67
4-Bromophenyl-phenylether
Concen: 53.209 ng
RT: 10.886 min Scan# 1495
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

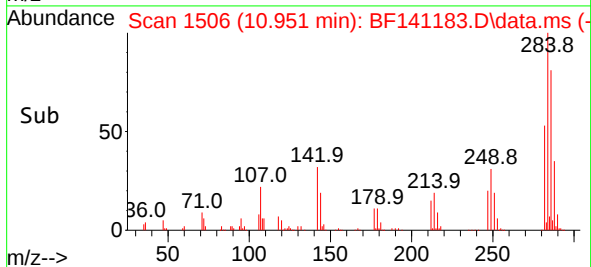
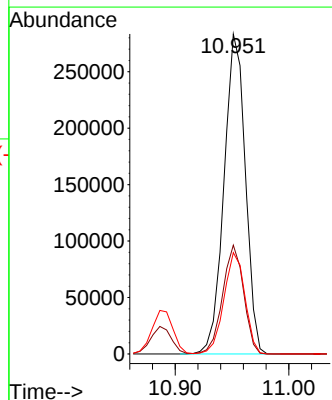
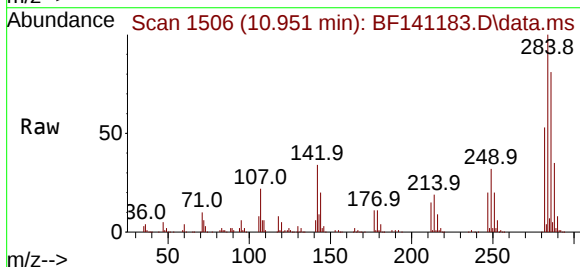
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

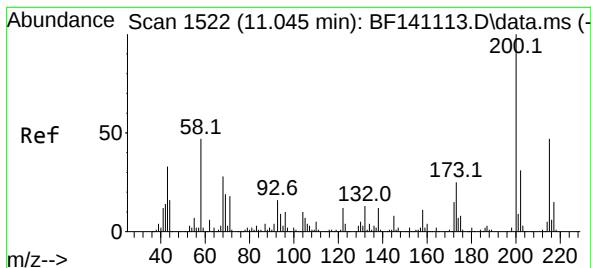
Tgt Ion:248 Resp: 335291
Ion Ratio Lower Upper
248 100
250 96.6 77.9 116.9
141 76.5 59.9 89.9



#68
Hexachlorobenzene
Concen: 52.781 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:284 Resp: 370243
Ion Ratio Lower Upper
284 100
142 34.0 26.3 39.5
249 31.6 24.9 37.3





#69

Atrazine

Concen: 68.588 ng

RT: 11.045 min Scan# 1522

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

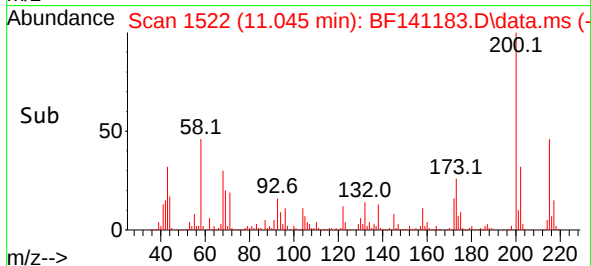
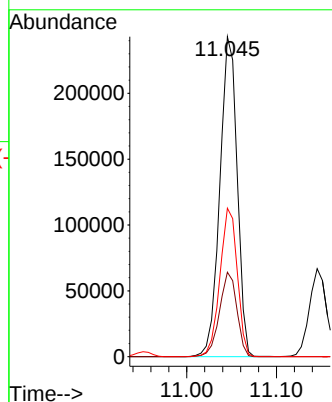
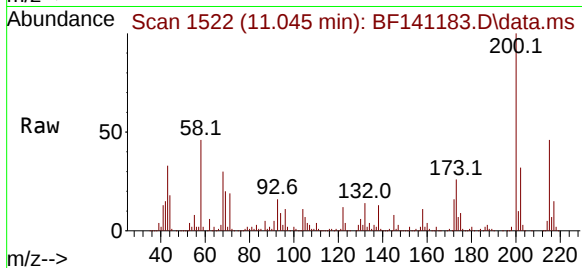
Tgt Ion:200 Resp: 326028

Ion Ratio Lower Upper

200 100

173 26.4 5.4 45.4

215 46.4 26.6 66.6



#70

Pentachlorophenol

Concen: 106.432 ng

RT: 11.145 min Scan# 1539

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

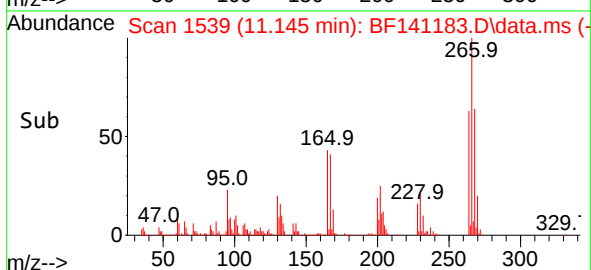
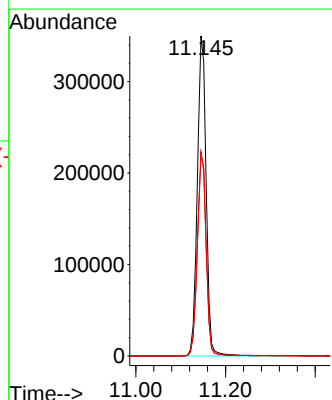
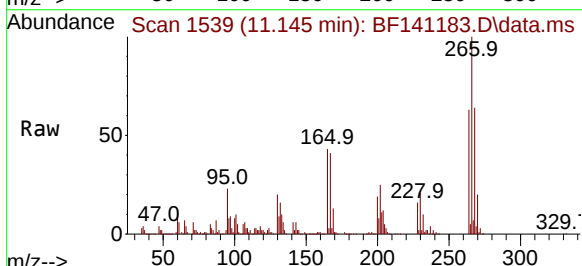
Tgt Ion:266 Resp: 478115

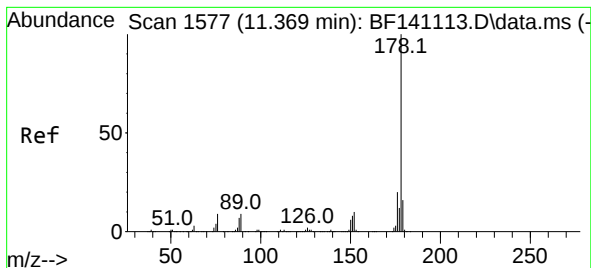
Ion Ratio Lower Upper

266 100

268 63.6 50.4 75.6

264 63.4 50.2 75.2





#71

Phenanthrene

Concen: 53.207 ng

RT: 11.369 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

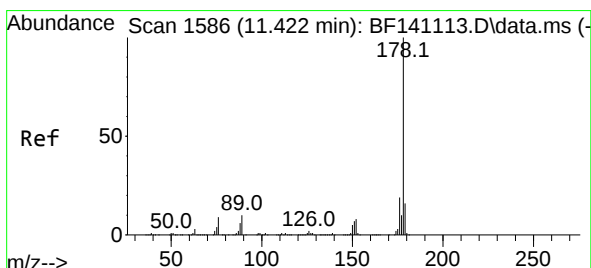
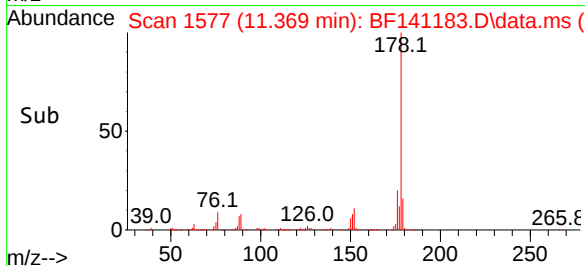
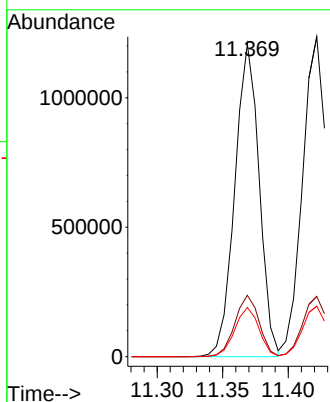
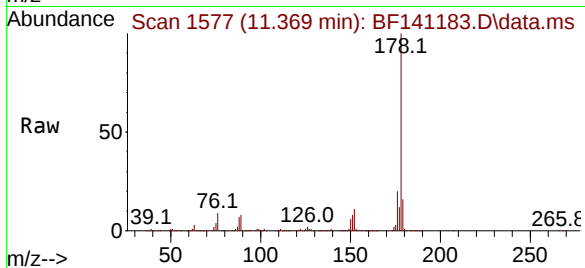
Tgt Ion:178 Resp: 1563458

Ion Ratio Lower Upper

178 100

176 19.7 15.7 23.5

179 15.8 12.6 19.0



#72

Anthracene

Concen: 56.094 ng

RT: 11.422 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

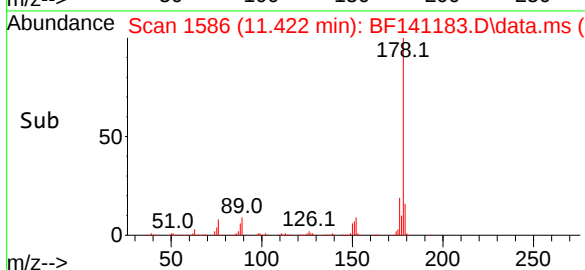
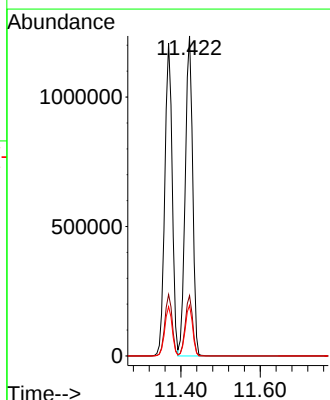
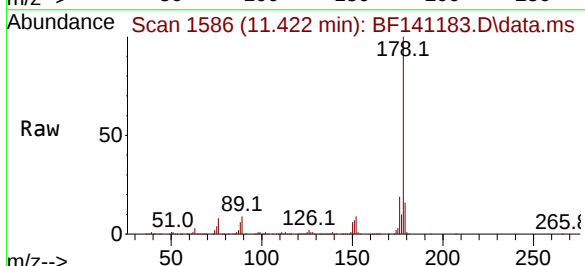
Tgt Ion:178 Resp: 1602727

Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.8 12.6 19.0



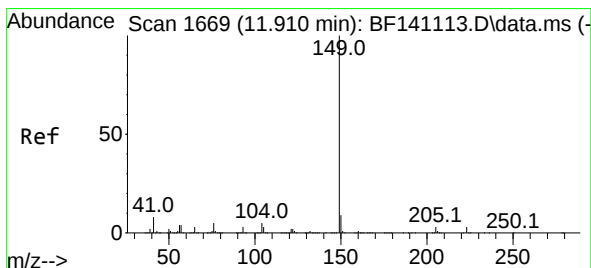
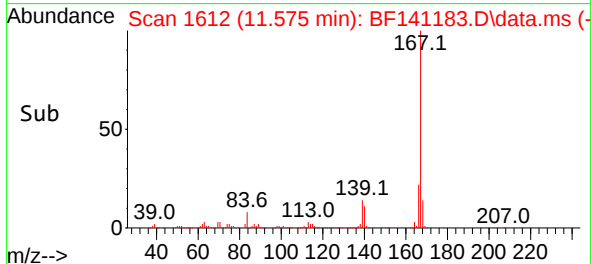
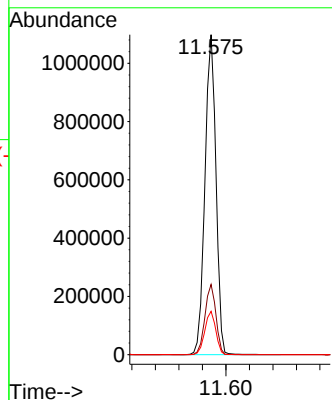
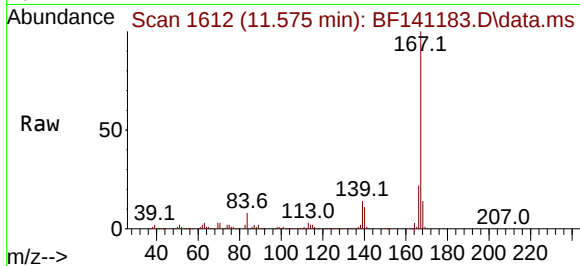


#73
 Carbazole
 Concen: 54.394 ng
 RT: 11.575 min Scan# 1612
 Delta R.T. 0.000 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

Instrument :
 BNA_F
 ClientSampleId :
 PB166033BSD

Tgt Ion:167 Resp: 1425054

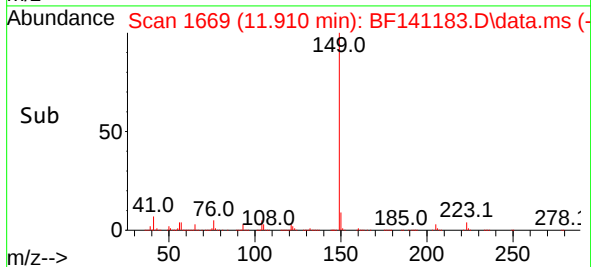
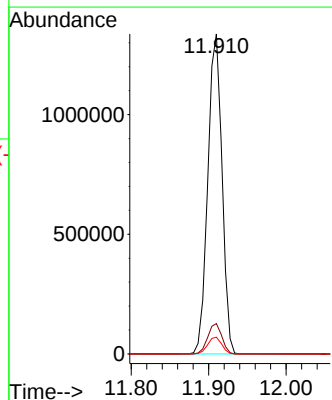
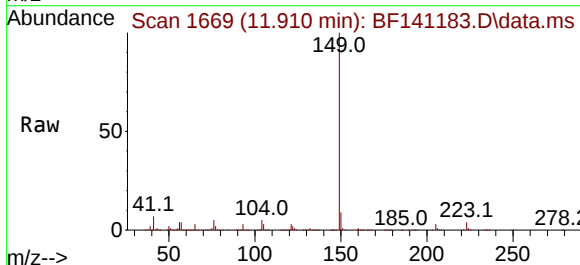
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.5	10.9	16.3

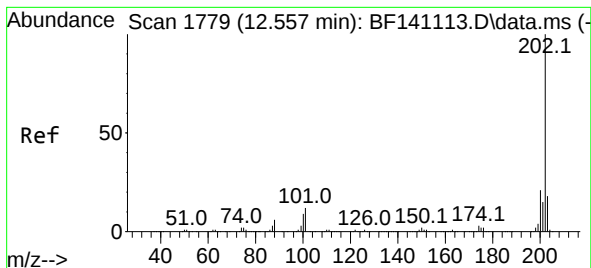


#74
 Di-n-butylphthalate
 Concen: 56.600 ng
 RT: 11.910 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF141183.D
 Acq: 16 Jan 2025 14:14

Tgt Ion:149 Resp: 1697004

Ion	Ratio	Lower	Upper
149	100		
150	9.5	7.4	11.2
104	5.2	4.2	6.2





#75

Fluoranthene

Concen: 56.868 ng

RT: 12.557 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

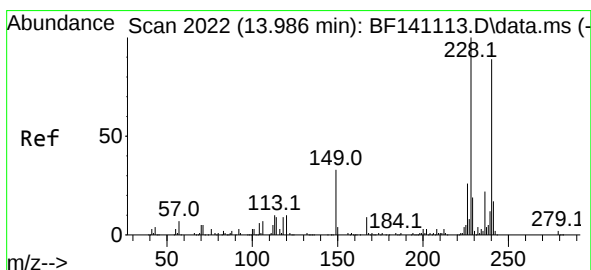
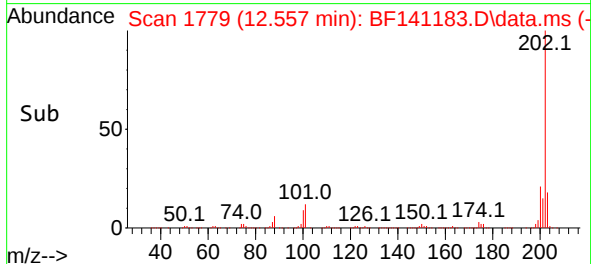
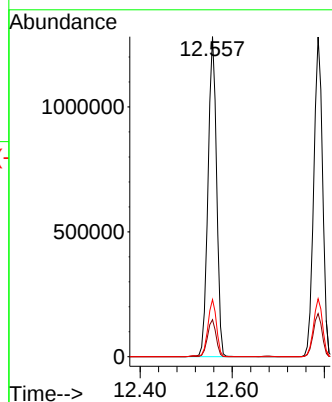
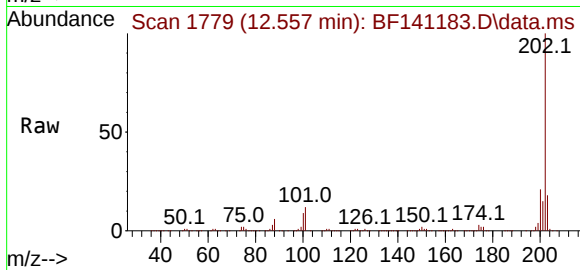
Tgt Ion:202 Resp: 1667541

Ion Ratio Lower Upper

202 100

101 11.6 0.0 32.3

203 17.8 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: BF141183.D

Acq: 16 Jan 2025 14:14

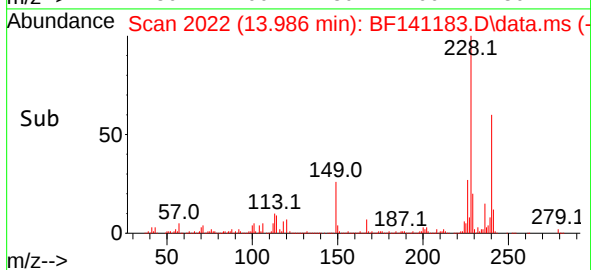
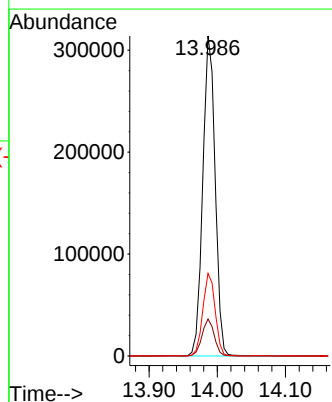
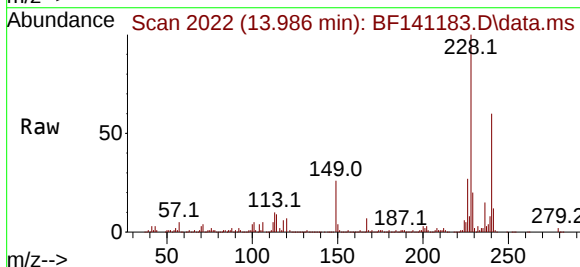
Tgt Ion:240 Resp: 396431

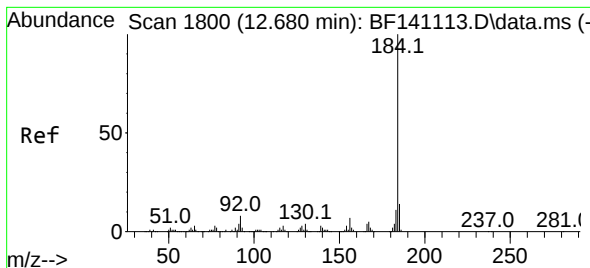
Ion Ratio Lower Upper

240 100

120 11.5 9.1 13.7

236 25.8 19.8 29.6





#77

Benzidine

Concen: 59.957 ng

RT: 12.680 min Scan# 1800

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

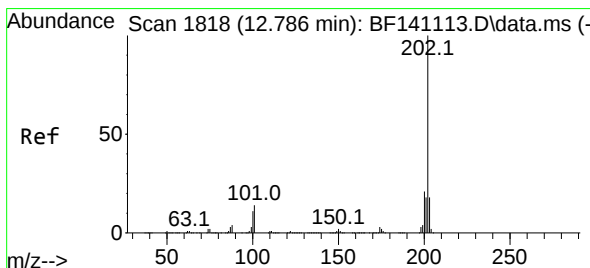
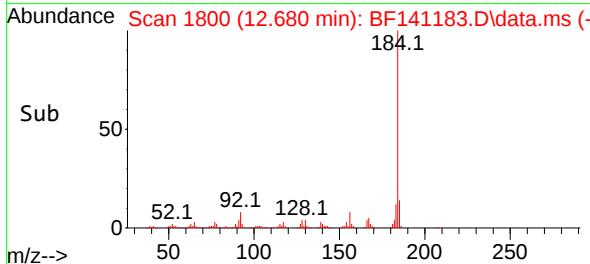
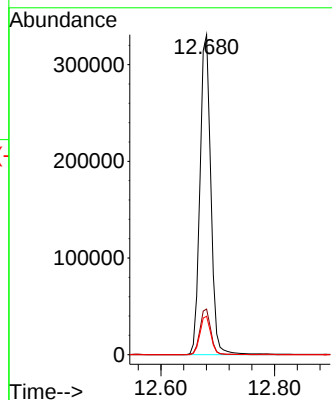
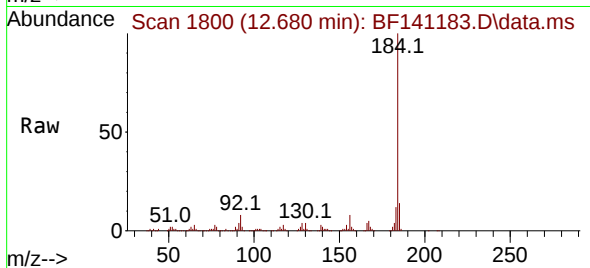
Tgt Ion:184 Resp: 440775

Ion Ratio Lower Upper

184 100

185 14.3 11.4 17.0

183 12.0 9.2 13.8



#78

Pyrene

Concen: 44.611 ng

RT: 12.786 min Scan# 1818

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

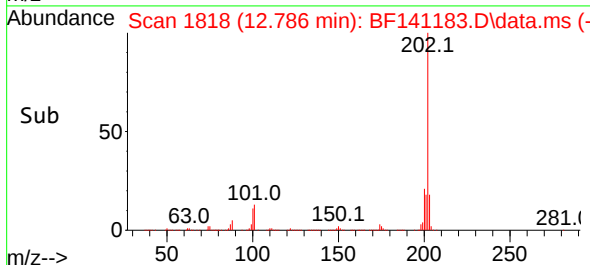
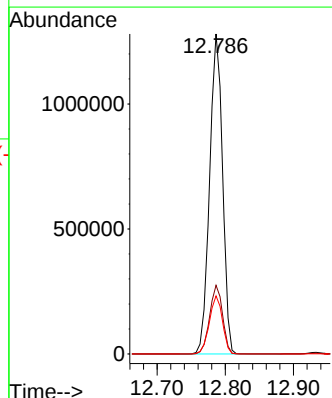
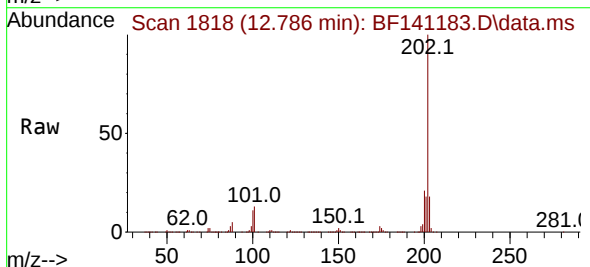
Tgt Ion:202 Resp: 1689167

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

203 18.1 14.3 21.5





#79

Terphenyl-d14

Concen: 90.394 ng

RT: 12.933 min Scan# 1843

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

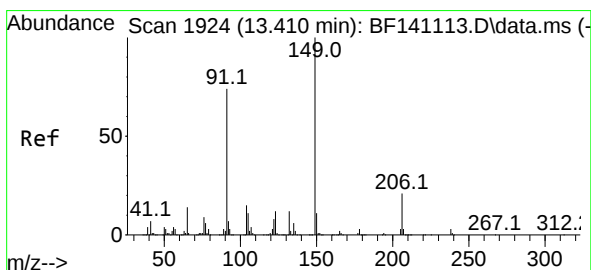
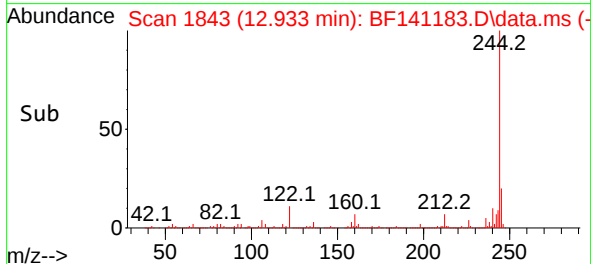
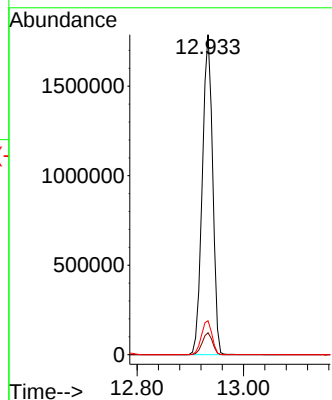
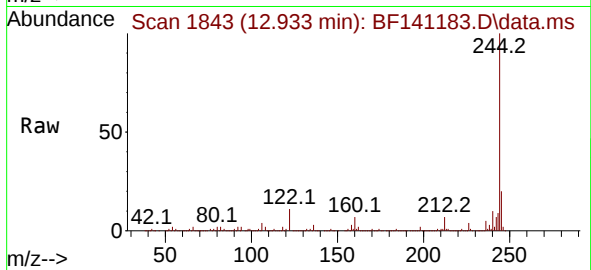
Tgt Ion:244 Resp: 2411012

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.2

122 10.6 8.8 13.2



#80

Butylbenzylphthalate

Concen: 55.084 ng

RT: 13.410 min Scan# 1924

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

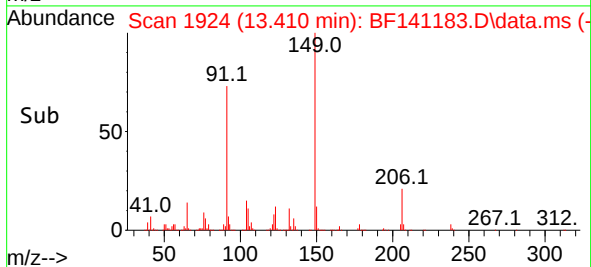
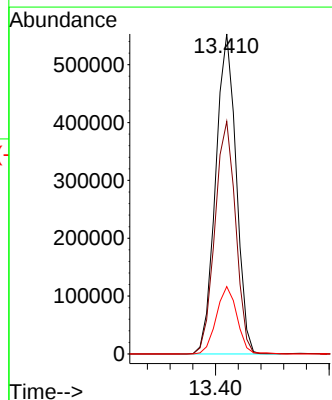
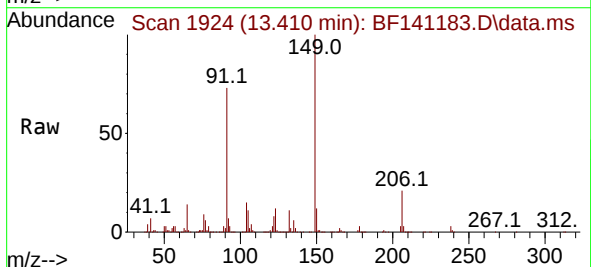
Tgt Ion:149 Resp: 695393

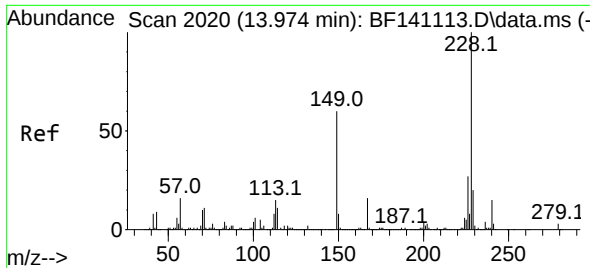
Ion Ratio Lower Upper

149 100

91 72.6 59.0 88.6

206 21.1 16.5 24.7

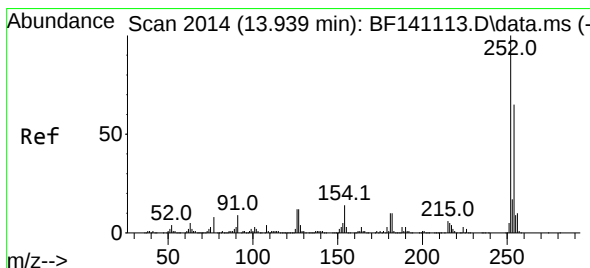
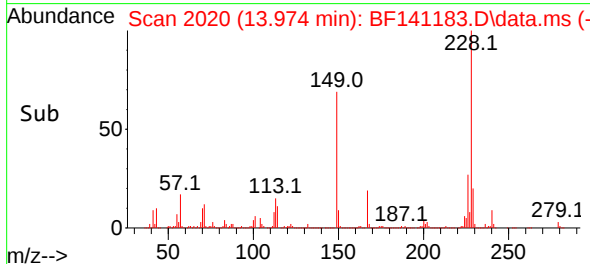
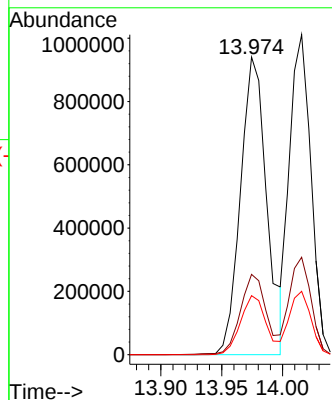
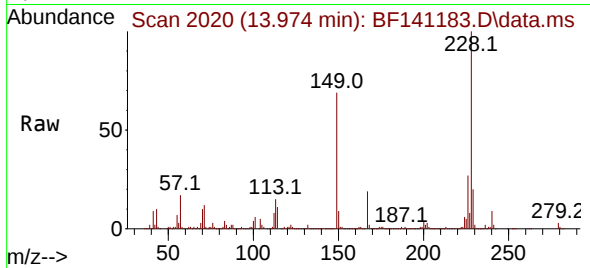




#81
Benzo(a)anthracene
Concen: 52.327 ng
RT: 13.974 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

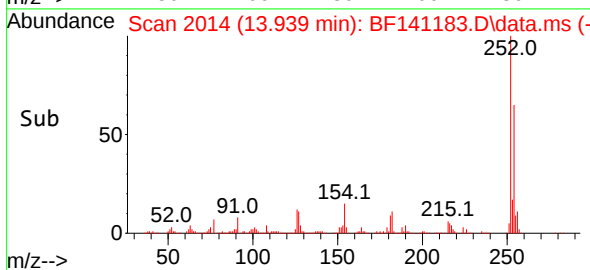
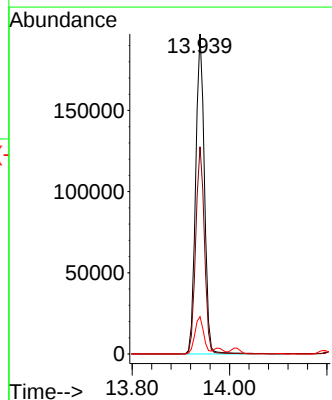
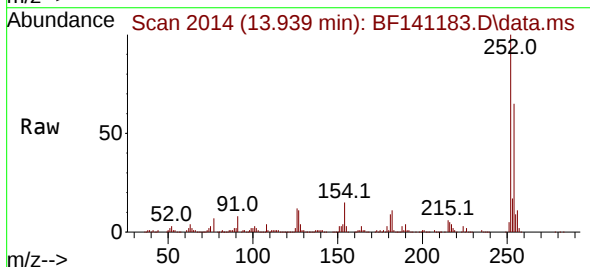
Instrument :
BNA_F
ClientSampleId :
PB166033BSD

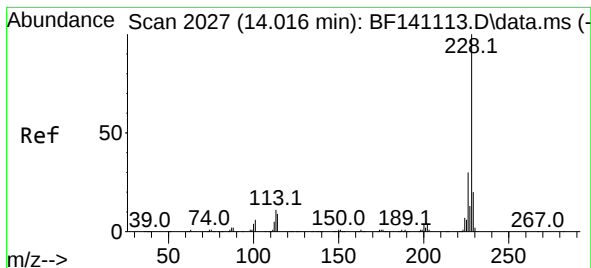
Tgt Ion:228 Resp: 1411740
Ion Ratio Lower Upper
228 100
226 27.0 21.7 32.5
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 28.854 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:252 Resp: 247878
Ion Ratio Lower Upper
252 100
254 64.8 52.0 78.0
126 11.6 9.4 14.0





#83

Chrysene

Concen: 49.161 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

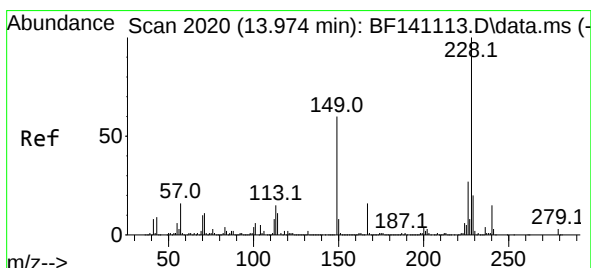
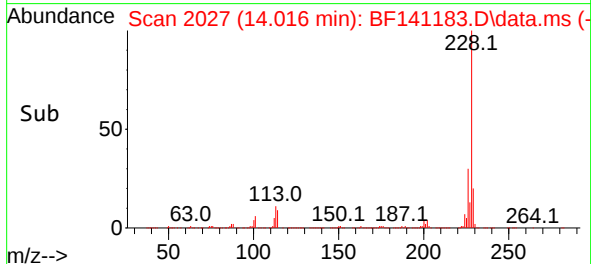
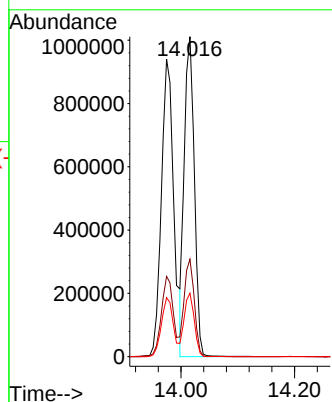
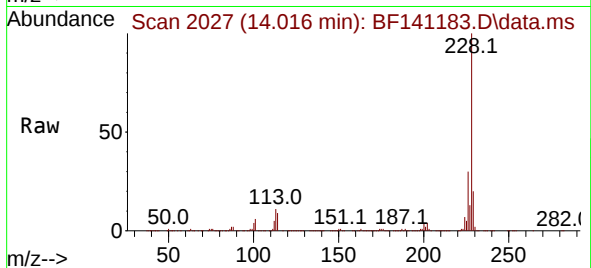
Tgt Ion:228 Resp: 1241041

Ion Ratio Lower Upper

228 100

226 30.5 23.8 35.8

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 59.161 ng

RT: 13.969 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

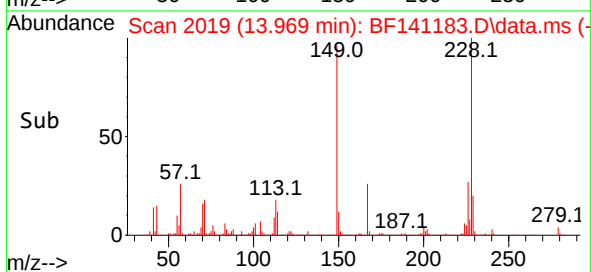
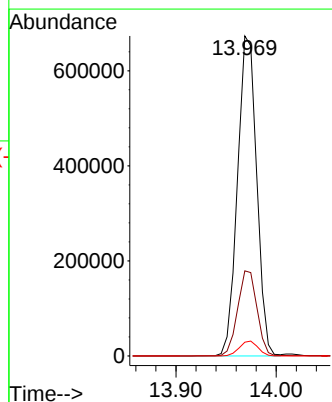
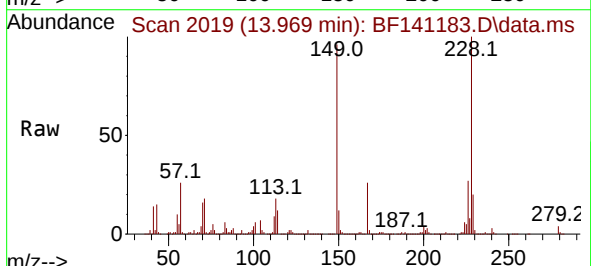
Tgt Ion:149 Resp: 896119

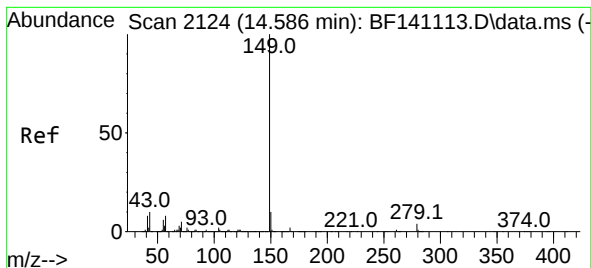
Ion Ratio Lower Upper

149 100

167 26.6 21.4 32.2

279 4.3 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 62.501 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

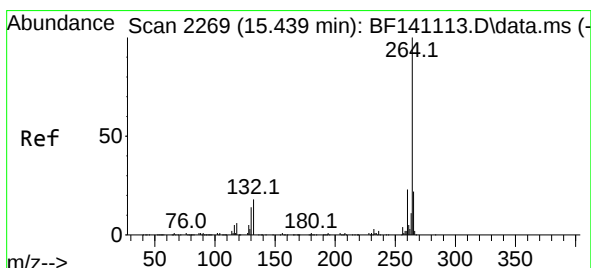
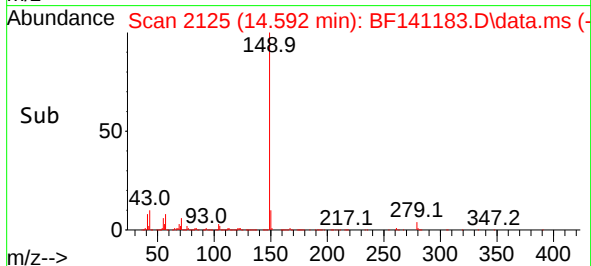
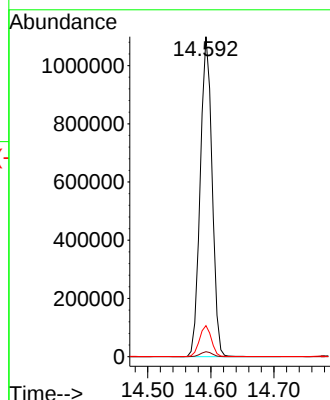
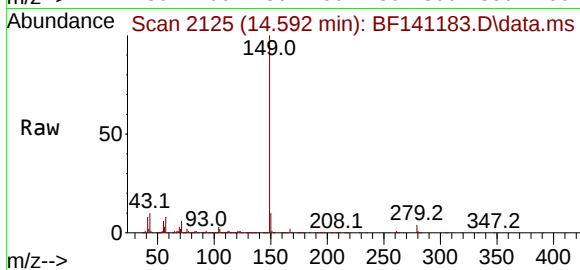
Tgt Ion:149 Resp: 1429606

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.6 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: BF141183.D

Acq: 16 Jan 2025 14:14

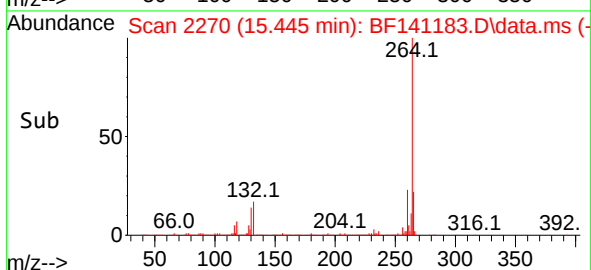
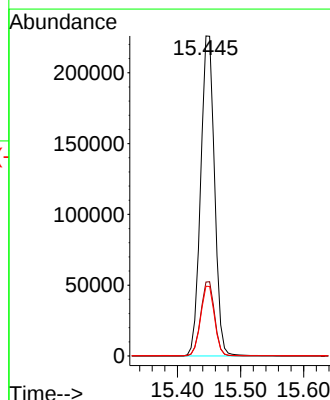
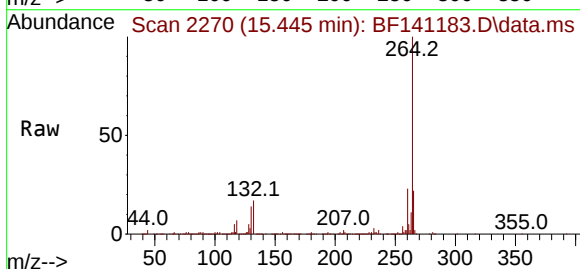
Tgt Ion:264 Resp: 344702

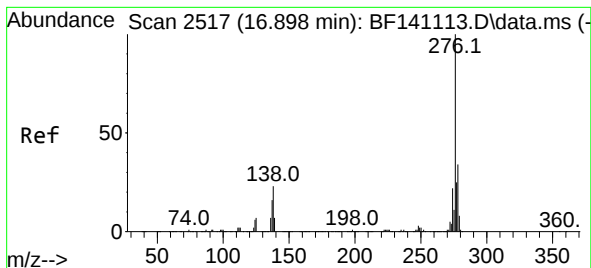
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.855 ng

RT: 16.910 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

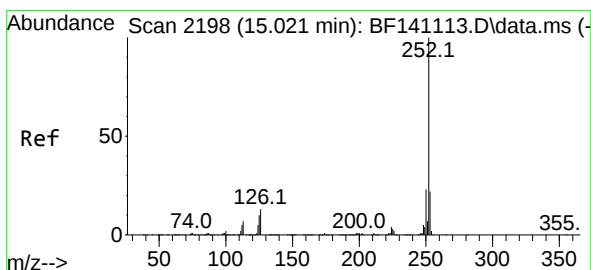
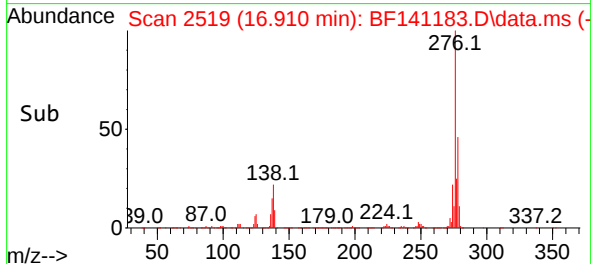
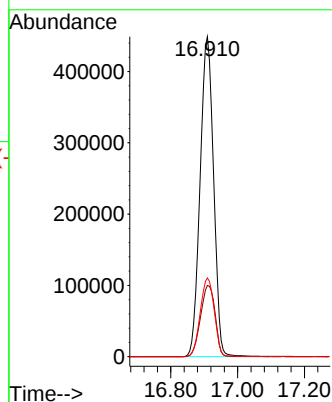
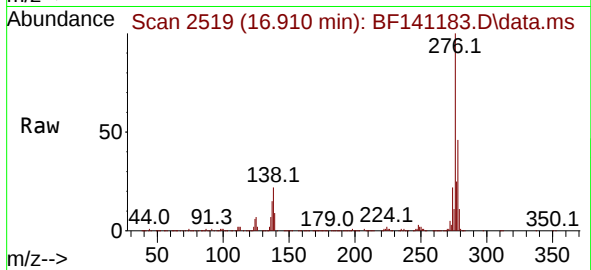
Tgt Ion:276 Resp: 1259019

Ion Ratio Lower Upper

276 100

138 24.1 20.7 31.1

277 25.6 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 50.617 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

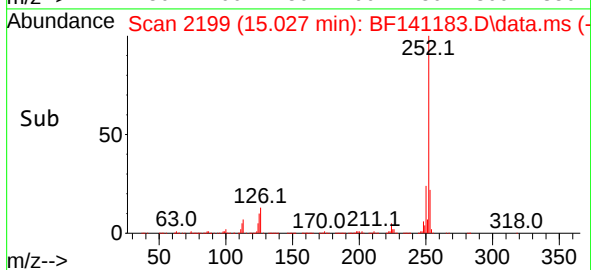
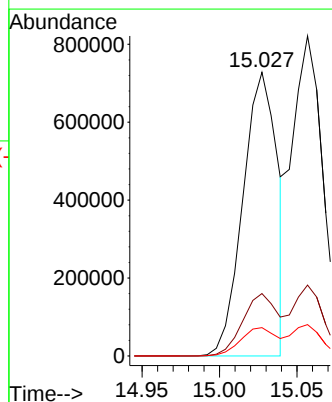
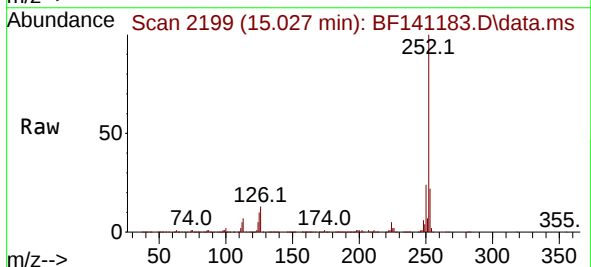
Tgt Ion:252 Resp: 1125096

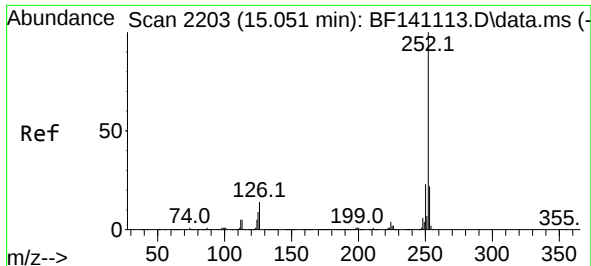
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 60.131 ng

RT: 15.057 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

Instrument :

BNA_F

ClientSampleId :

PB166033BSD

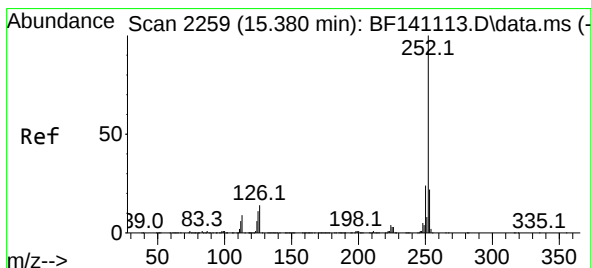
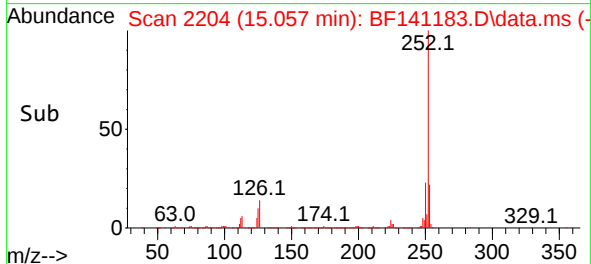
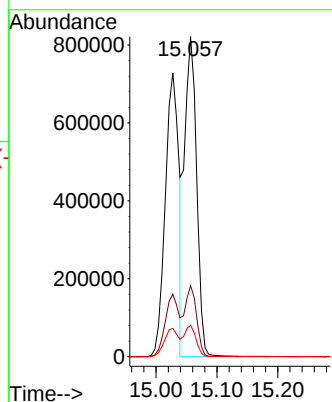
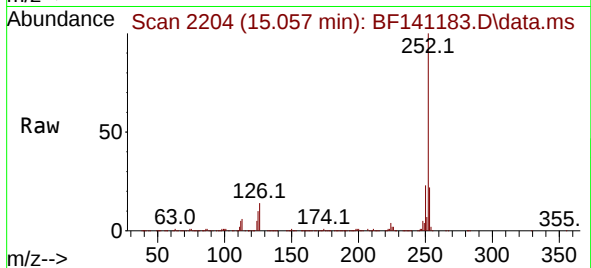
Tgt Ion:252 Resp: 1129506

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 56.652 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141183.D

Acq: 16 Jan 2025 14:14

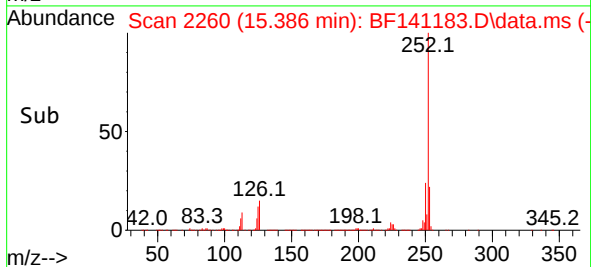
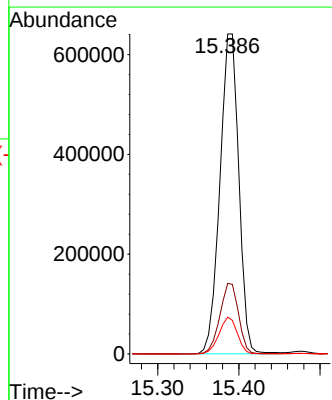
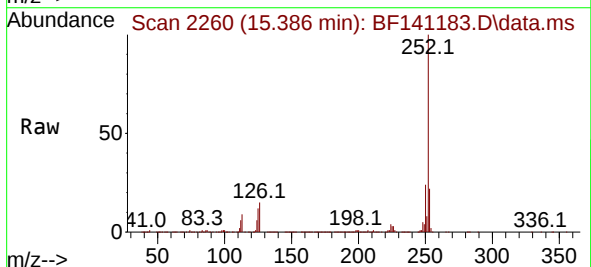
Tgt Ion:252 Resp: 1038941

Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.5 9.1 13.7

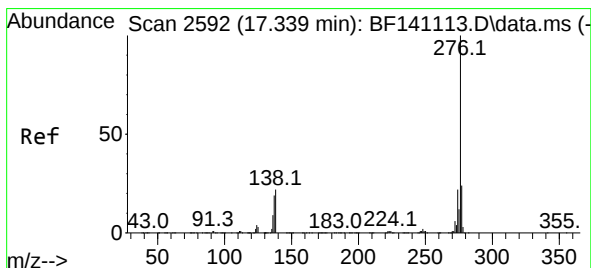
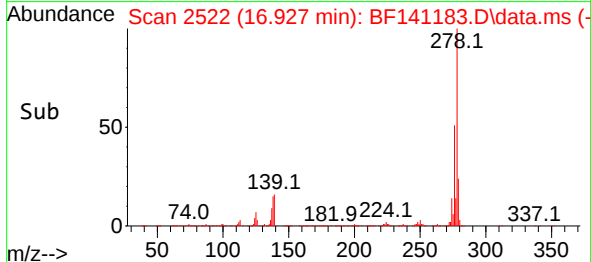
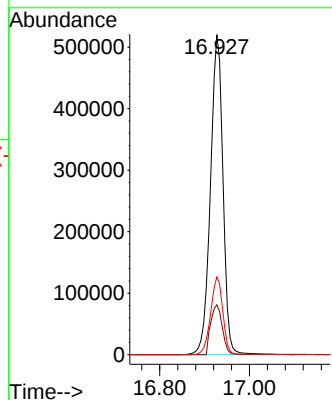
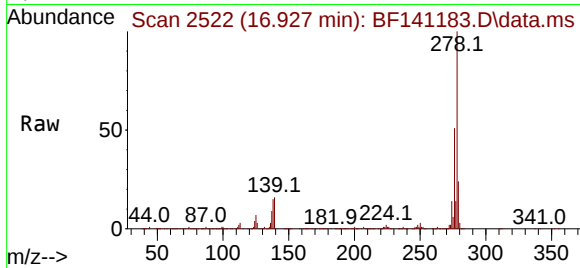




#91
Dibenzo(a,h)anthracene
Concen: 49.439 ng
RT: 16.927 min Scan# 2522
Delta R.T. 0.012 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Instrument :
BNA_F
ClientSampleId :
PB166033BSD

Tgt Ion:278 Resp: 1009805
Ion Ratio Lower Upper
278 100
139 15.6 13.8 20.6
279 24.3 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 44.317 ng
RT: 17.351 min Scan# 2594
Delta R.T. 0.012 min
Lab File: BF141183.D
Acq: 16 Jan 2025 14:14

Tgt Ion:276 Resp: 941540
Ion Ratio Lower Upper
276 100
277 23.5 19.0 28.4
138 20.9 17.4 26.2

