

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012425\
 Data File : BF141258.D
 Acq On : 24 Jan 2025 13:09
 Operator : RC/JU
 Sample : PB166216BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166216BS

Quant Time: Jan 25 01:00:01 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	6.804	152	148739	20.000	ng	-0.02
21) Naphthalene-d8	8.086	136	580292	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	306712	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	508622	20.000	ng	-0.01
76) Chrysene-d12	13.980	240	335015	20.000	ng	0.00
86) Perylene-d12	15.445	264	352965	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1385656	143.914	ng	0.00
7) Phenol-d6	6.439	99	1729369	141.794	ng	0.00
23) Nitrobenzene-d5	7.369	82	1106563	101.082	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	584603	167.279	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2108637	104.984	ng	-0.01
79) Terphenyl-d14	12.921	244	2329387	103.344	ng	-0.01

Target Compounds					Qvalue
2) 1,4-Dioxane	2.604	88	184285	42.980	ng 97
3) Pyridine	3.340	79	466584	44.376	ng 95
4) n-Nitrosodimethylamine	3.287	42	238140	46.321	ng 92
6) Aniline	6.469	93	457564	42.256	ng 93
8) 2-Chlorophenol	6.586	128	536258	51.912	ng 97
9) Benzaldehyde	6.351	77	57705	8.033	ng 99
10) Phenol	6.451	94	629644	48.227	ng 91
11) bis(2-Chloroethyl)ether	6.539	93	491494	50.515	ng 96
12) 1,3-Dichlorobenzene	6.745	146	557464	48.386	ng 99
13) 1,4-Dichlorobenzene	6.822	146	569830	49.081	ng 100
14) 1,2-Dichlorobenzene	6.975	146	543791	50.213	ng 98
15) Benzyl Alcohol	6.945	79	457359	51.926	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.081	45	656083	48.322	ng 95
17) 2-Methylphenol	7.057	107	427043	51.205	ng 99
18) Hexachloroethane	7.316	117	208966	49.772	ng 97
19) n-Nitroso-di-n-propyla...	7.222	70	354361	49.323	ng 96
20) 3+4-Methylphenols	7.210	107	513616	48.815	ng # 86
22) Acetophenone	7.216	105	689139	49.956	ng 97
24) Nitrobenzene	7.386	77	543183	47.609	ng 98
25) Isophorone	7.628	82	964946	51.579	ng 98
26) 2-Nitrophenol	7.704	139	282800	54.490	ng 99
27) 2,4-Dimethylphenol	7.739	122	423119	60.442	ng 100
28) bis(2-Chloroethoxy)met...	7.839	93	593705	50.567	ng 100
29) 2,4-Dichlorophenol	7.945	162	434563	52.268	ng 99
30) 1,2,4-Trichlorobenzene	8.028	180	466251	49.061	ng 99
31) Naphthalene	8.110	128	1531283	50.038	ng 100
32) Benzoic acid	7.863	122	334809	49.857	ng 96
33) 4-Chloroaniline	8.157	127	233206	22.035	ng 99
34) Hexachlorobutadiene	8.228	225	289352	50.530	ng 100
35) Caprolactam	8.527	113	122286m	44.925	ng
36) 4-Chloro-3-methylphenol	8.645	107	463314	50.954	ng 99
37) 2-Methylnaphthalene	8.798	142	1001778	51.371	ng 100
38) 1-Methylnaphthalene	8.898	142	939426	48.881	ng 99
40) 1,2,4,5-Tetrachloroben...	8.969	216	467372	53.091	ng 99
41) Hexachlorocyclopentadiene	8.957	237	573495	199.122	ng 100
43) 2,4,6-Trichlorophenol	9.080	196	312554	52.643	ng 100

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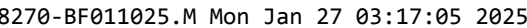
Instrument :
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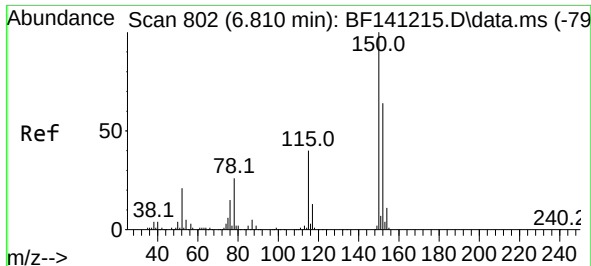
Quant Time: Jan 25 01:00:01 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	324112	51.689	ng	98
46) 1,1'-Biphenyl	9.269	154	1223792	51.378	ng	99
47) 2-Chloronaphthalene	9.292	162	932649	50.272	ng	99
48) 2-Nitroaniline	9.386	65	274264	49.871	ng	98
49) Acenaphthylene	9.710	152	1438081	54.256	ng	99
50) Dimethylphthalate	9.569	163	1081507	52.524	ng	100
51) 2,6-Dinitrotoluene	9.633	165	241366	50.407	ng	98
52) Acenaphthene	9.880	154	1055897	57.020	ng	99
53) 3-Nitroaniline	9.798	138	135096	27.764	ng	97
54) 2,4-Dinitrophenol	9.910	184	262472	115.323	ng	96
55) Dibenzofuran	10.051	168	1299079	51.575	ng	100
56) 4-Nitrophenol	9.963	139	392996	103.126	ng	99
57) 2,4-Dinitrotoluene	10.033	165	329336	53.370	ng	100
58) Fluorene	10.398	166	991064	50.645	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.169	232	276007	52.955	ng	99
60) Diethylphthalate	10.274	149	1038876	51.681	ng	99
61) 4-Chlorophenyl-phenyle...	10.386	204	492249	51.611	ng	97
62) 4-Nitroaniline	10.416	138	232319	48.781	ng	99
63) Azobenzene	10.551	77	1007904	50.814	ng	98
65) 4,6-Dinitro-2-methylph...	10.445	198	180102	61.107	ng	95
66) n-Nitrosodiphenylamine	10.510	169	895264	54.572	ng	100
67) 4-Bromophenyl-phenylether	10.880	248	323613	55.264	ng	97
68) Hexachlorobenzene	10.945	284	359733	55.186	ng	96
69) Atrazine	11.039	200	303154	68.629	ng	99
70) Pentachlorophenol	11.139	266	434979	104.199	ng	100
71) Phenanthrene	11.357	178	1467412	53.739	ng	100
72) Anthracene	11.410	178	1504155	56.651	ng	100
73) Carbazole	11.563	167	1300460	53.416	ng	100
74) Di-n-butylphthalate	11.898	149	1569825	56.343	ng	100
75) Fluoranthene	12.545	202	1475583	54.152	ng	99
77) Benzidine	12.668	184	344257	55.412	ng	100
78) Pyrene	12.774	202	1492131	46.632	ng	100
80) Butylbenzylphthalate	13.398	149	587184	55.039	ng	98
81) Benzo(a)anthracene	13.968	228	1153399	50.588	ng	100
82) 3,3'-Dichlorobenzidine	13.933	252	235938	32.499	ng	99
83) Chrysene	14.004	228	1085025	50.860	ng	100
84) Bis(2-ethylhexyl)phtha...	13.962	149	769283	60.097	ng	99
85) Di-n-octyl phthalate	14.592	149	1305675	67.547	ng	97
87) Indeno(1,2,3-cd)pyrene	16.909	276	1401905	54.213	ng	99
88) Benzo(b)fluoranthene	15.027	252	1154776	50.736	ng	100
89) Benzo(k)fluoranthene	15.056	252	1060026	55.111	ng	99
90) Benzo(a)pyrene	15.386	252	1070677	57.016	ng	100
91) Dibenzo(a,h)anthracene	16.927	278	1128075	53.936	ng	98
92) Benzo(g,h,i)perylene	17.345	276	1062399	48.835	ng	99

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

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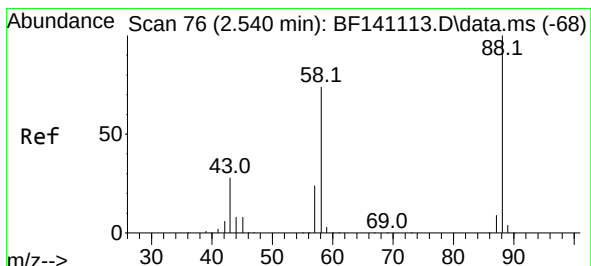
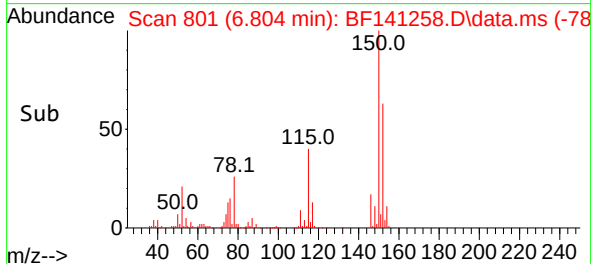
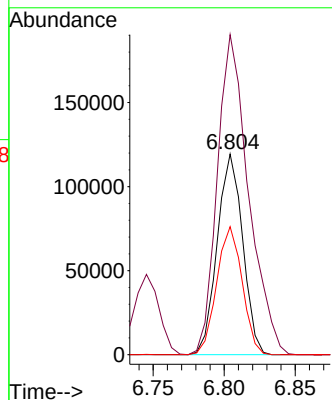
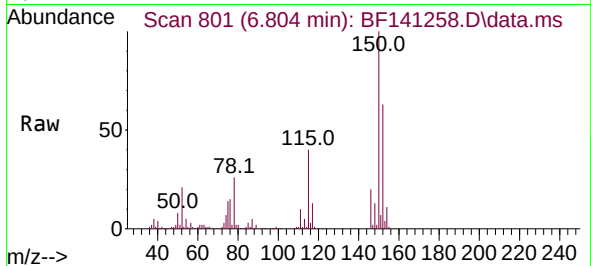




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141258.D
 Acq: 24 Jan 2025 13:09

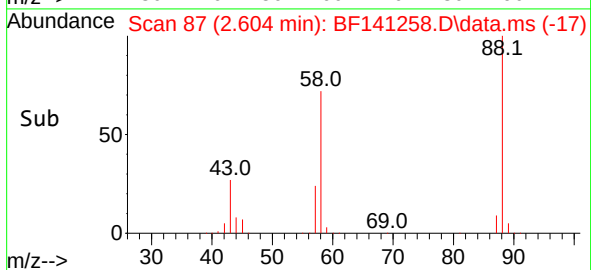
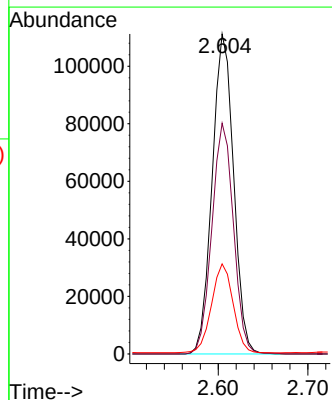
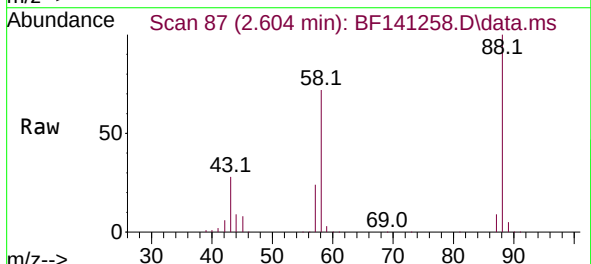
Instrument :
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 PB166216BS

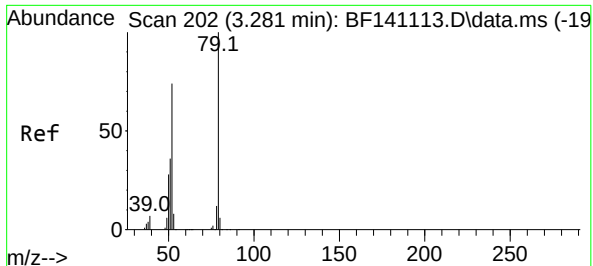
Tgt Ion:152 Resp: 148739
 Ion Ratio Lower Upper
 152 100
 150 159.5 125.8 188.8
 115 63.8 51.4 77.2



#2
 1,4-Dioxane
 Concen: 42.980 ng
 RT: 2.604 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF141258.D
 Acq: 24 Jan 2025 13:09

Tgt Ion: 88 Resp: 184285
 Ion Ratio Lower Upper
 88 100
 58 72.7 60.1 90.1
 43 28.0 23.1 34.7

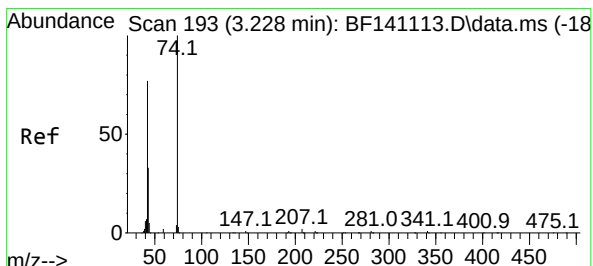
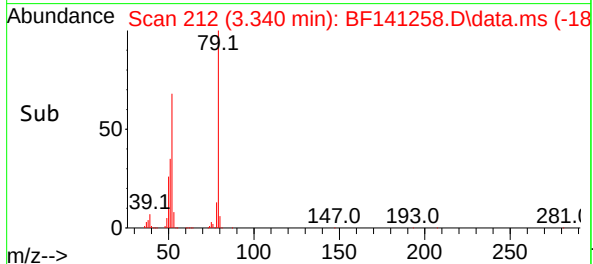
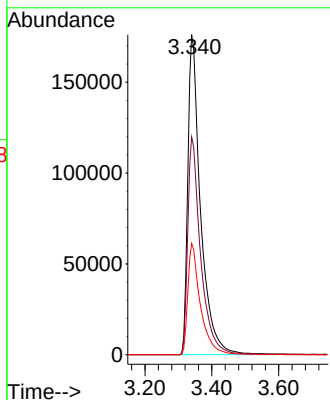
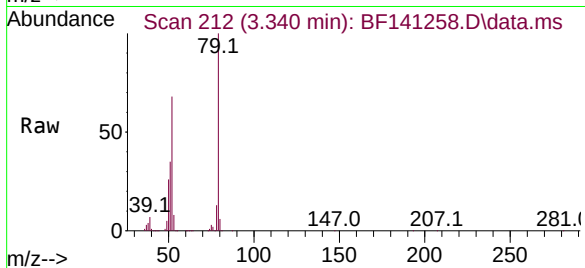




#3
Pyridine
Concen: 44.376 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

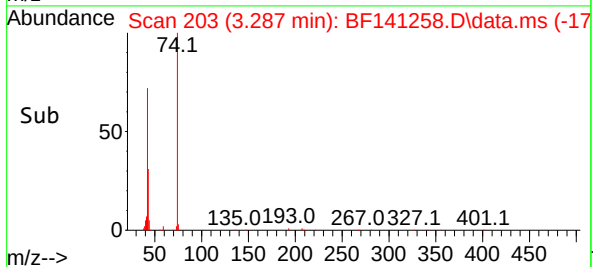
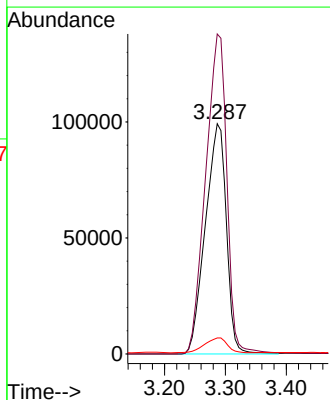
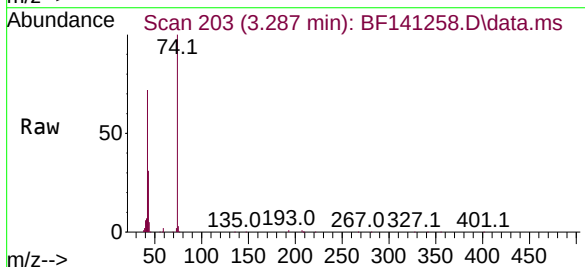
Instrument :
BNA_F
ClientSampleId :
PB166216BS

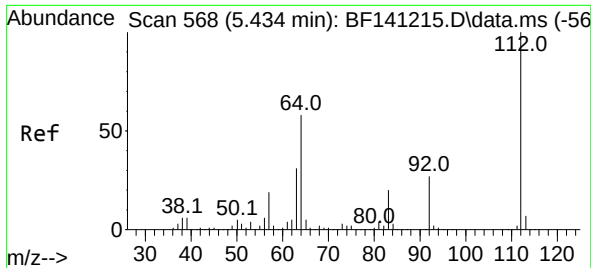
Tgt Ion: 79 Resp: 466584
Ion Ratio Lower Upper
79 100
52 68.0 58.9 88.3
51 34.7 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 46.321 ng
RT: 3.287 min Scan# 203
Delta R.T. 0.059 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion: 42 Resp: 238140
Ion Ratio Lower Upper
42 100
74 139.0 103.8 155.6
44 6.9 5.3 7.9

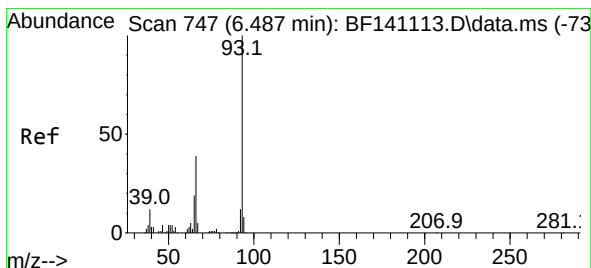
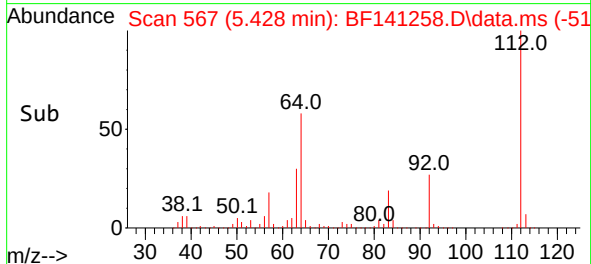
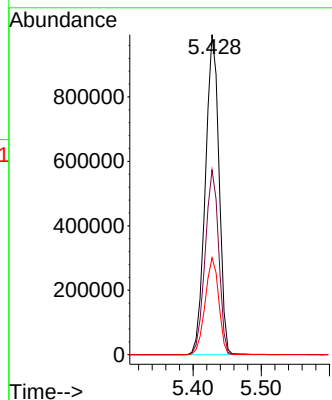
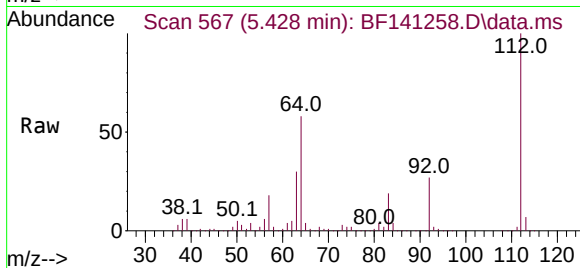




#5
2-Fluorophenol
Concen: 143.914 ng
RT: 5.428 min Scan# 50
Delta R.T. -0.000 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

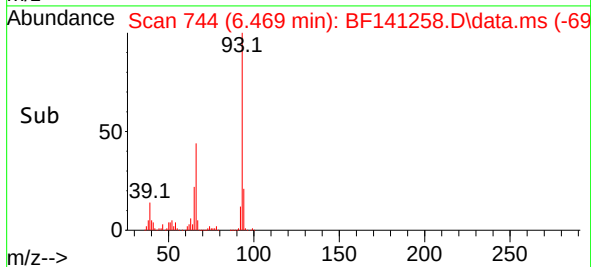
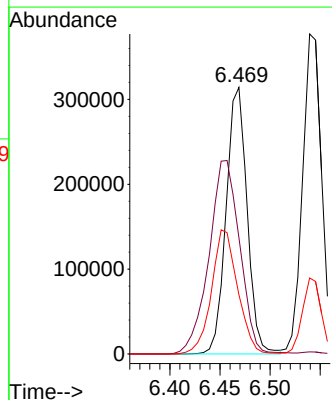
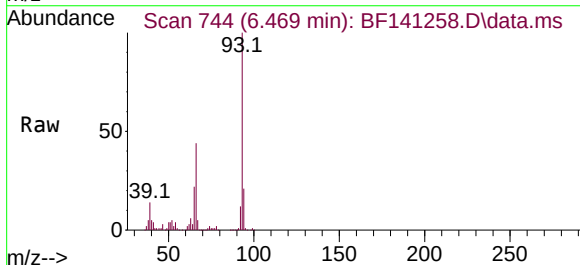
Instrument :
BNA_F
ClientSampleId :
PB166216BS

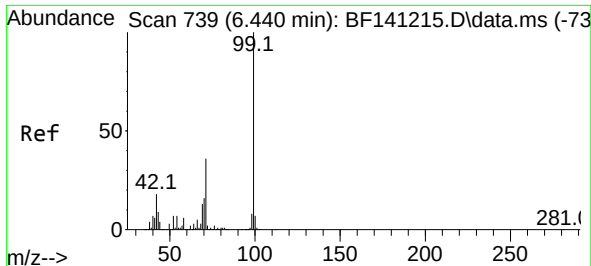
Tgt Ion:112 Resp: 1385656
Ion Ratio Lower Upper
112 100
64 57.7 47.3 70.9
63 30.3 24.2 36.2



#6
Aniline
Concen: 42.256 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion: 93 Resp: 457564
Ion Ratio Lower Upper
93 100
66 43.7 31.5 47.3
65 22.2 15.3 22.9



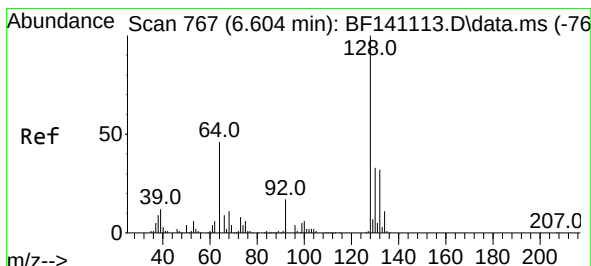
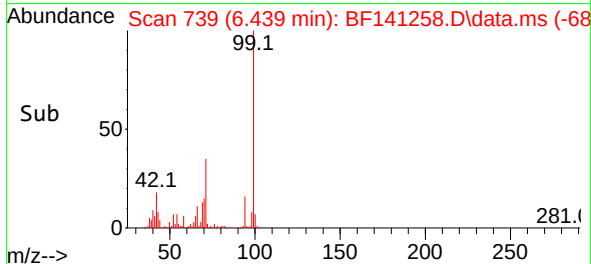
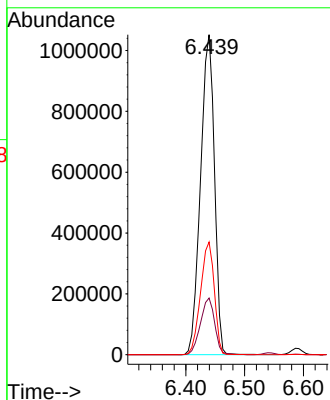
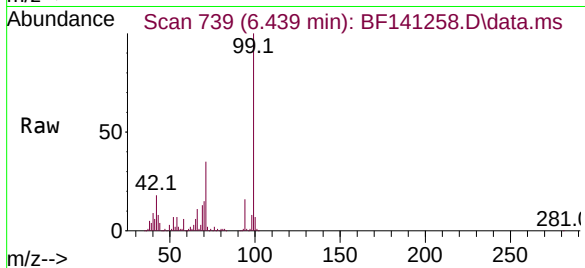


#7
Phenol-d6
Concen: 141.794 ng
RT: 6.439 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Instrument :
BNA_F
ClientSampleId :
PB166216BS

Tgt Ion: 99 Resp: 1729369

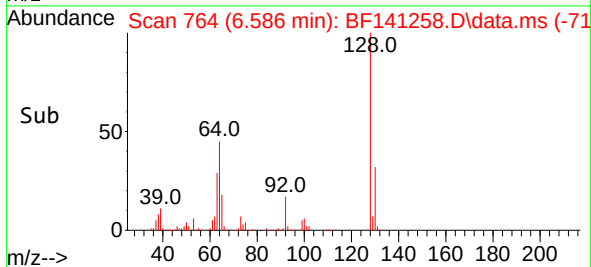
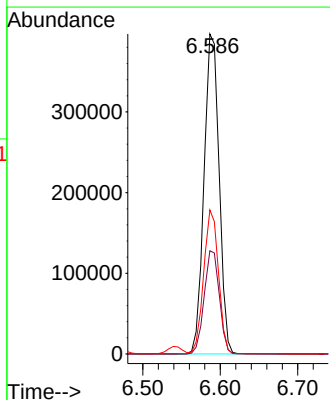
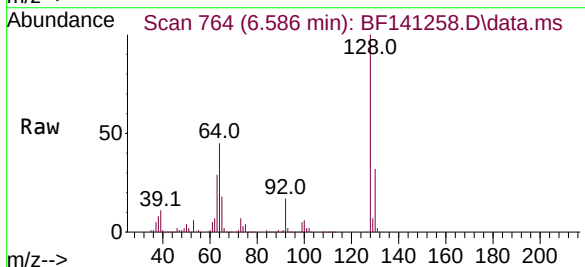
Ion	Ratio	Lower	Upper
99	100		
42	17.7	15.0	22.4
71	35.2	27.6	41.4

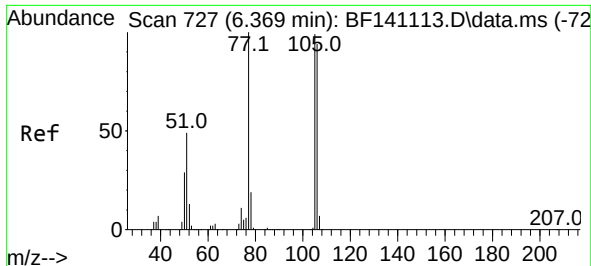


#8
2-Chlorophenol
Concen: 51.912 ng
RT: 6.586 min Scan# 764
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion: 128 Resp: 536258

Ion	Ratio	Lower	Upper
128	100		
130	32.2	12.5	52.5
64	45.0	28.3	68.3





#9

Benzaldehyde

Concen: 8.033 ng

RT: 6.351 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

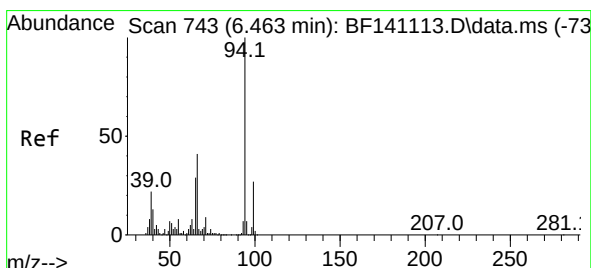
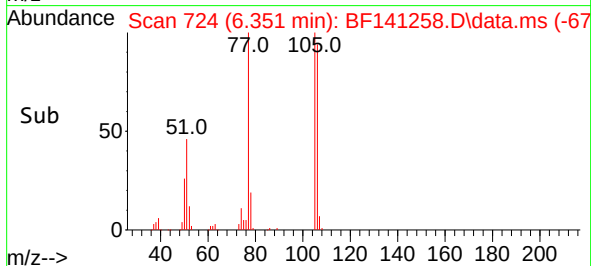
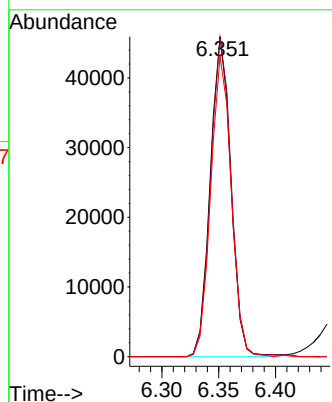
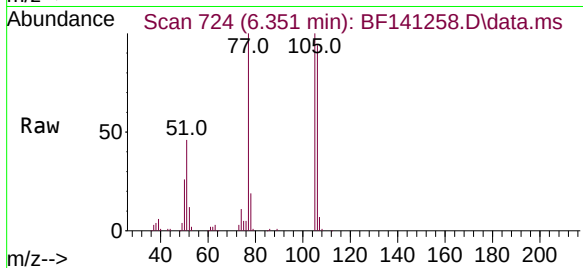
Tgt Ion: 77 Resp: 57705

Ion Ratio Lower Upper

77 100

105 99.7 78.9 118.9

106 93.7 73.6 113.6



#10

Phenol

Concen: 48.227 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

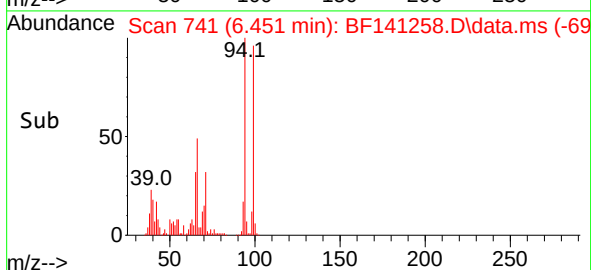
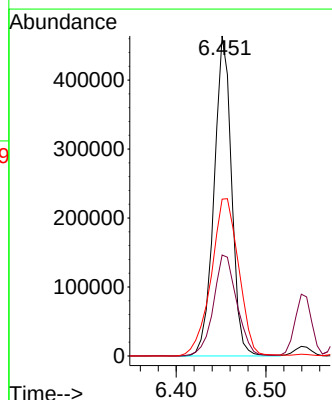
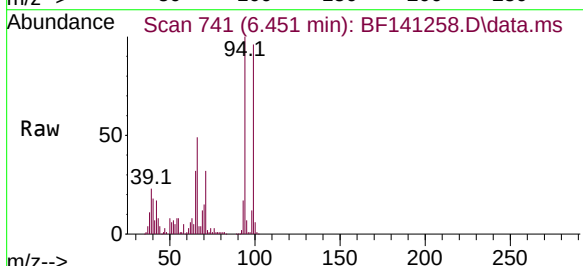
Tgt Ion: 94 Resp: 629644

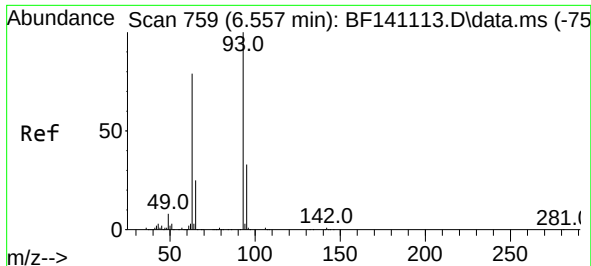
Ion Ratio Lower Upper

94 100

65 31.6 8.9 48.9

66 49.0 21.2 61.2

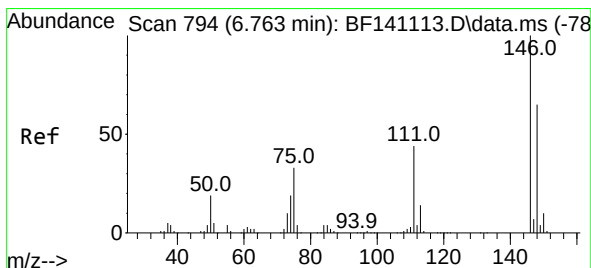
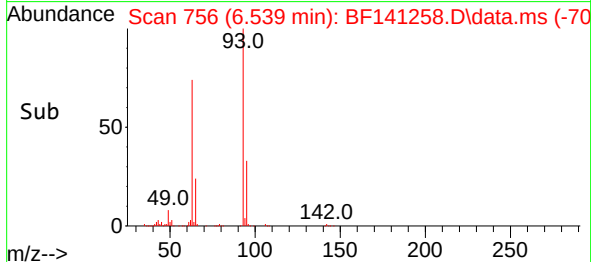
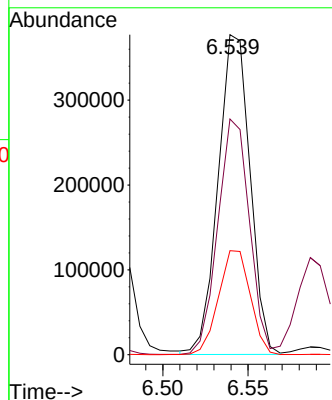
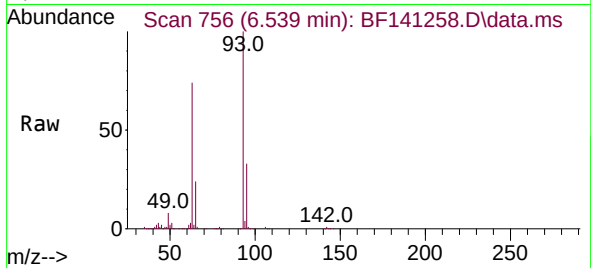




#11
bis(2-Chloroethyl)ether
Concen: 50.515 ng
RT: 6.539 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

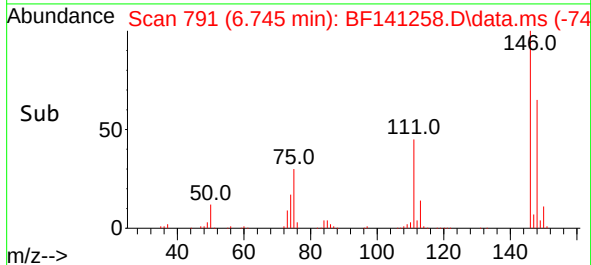
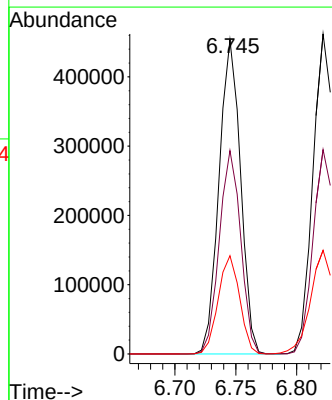
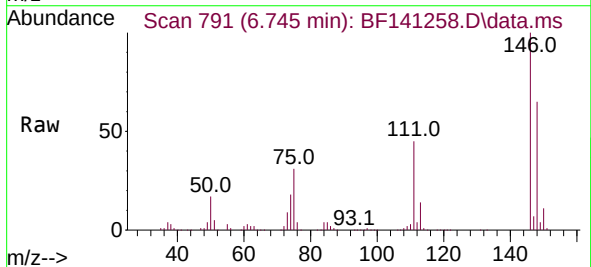
Instrument :
BNA_F
ClientSampleId :
PB166216BS

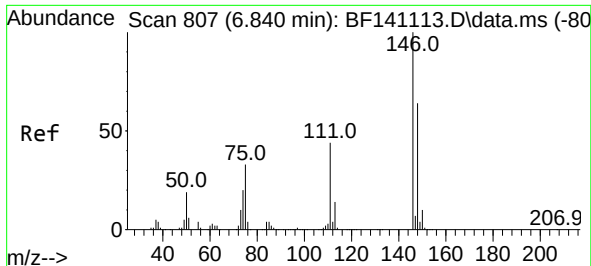
Tgt Ion: 93 Resp: 491494
Ion Ratio Lower Upper
93 100
63 73.6 58.0 98.0
95 32.5 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.386 ng
RT: 6.745 min Scan# 791
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

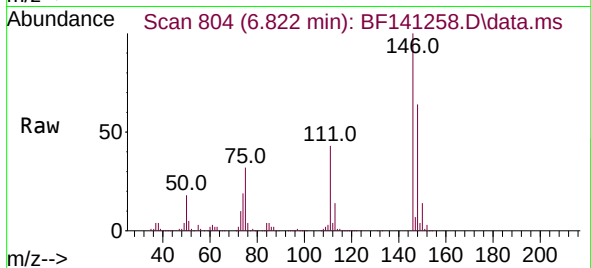
Tgt Ion:146 Resp: 557464
Ion Ratio Lower Upper
146 100
148 64.7 51.6 77.4
75 31.3 26.2 39.2



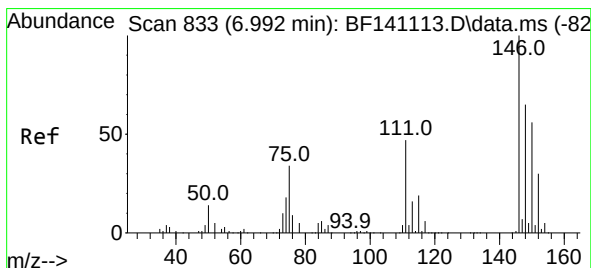
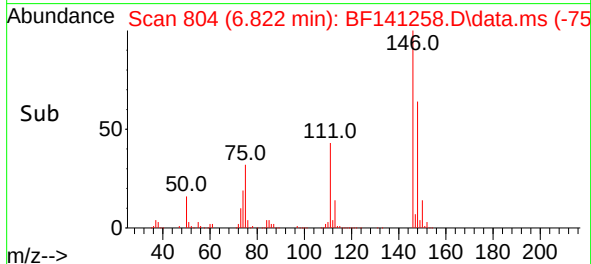
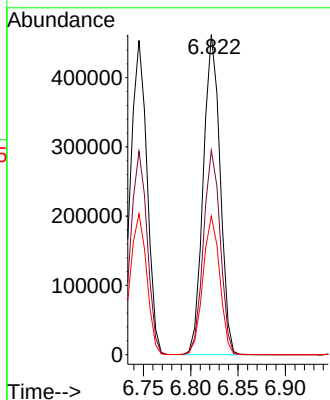


#13
1,4-Dichlorobenzene
Concen: 49.081 ng
RT: 6.822 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Instrument :
BNA_F
ClientSampleId :
PB166216BS

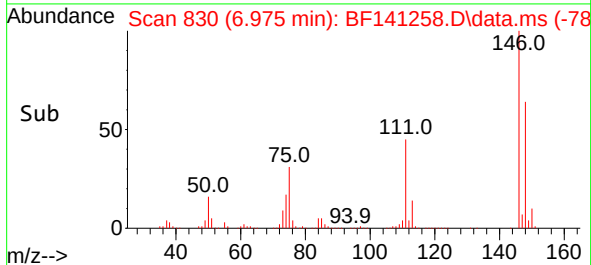
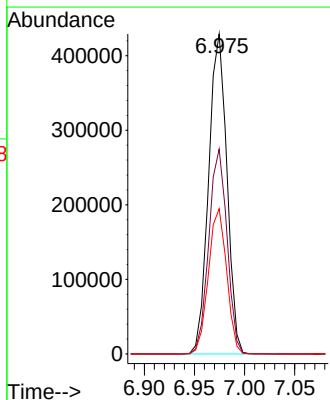
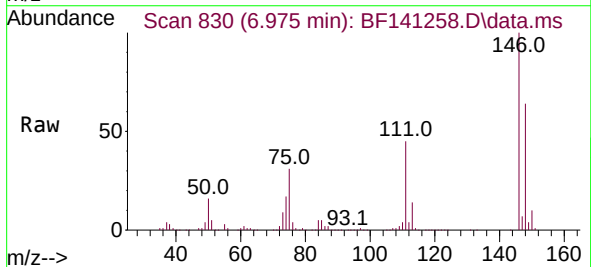


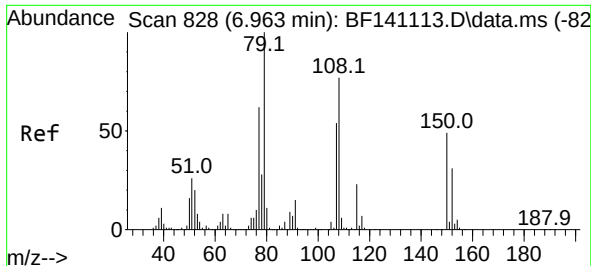
Tgt Ion:146 Resp: 569830
Ion Ratio Lower Upper
146 100
148 63.9 51.0 76.6
111 43.3 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 50.213 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:146 Resp: 543791
Ion Ratio Lower Upper
146 100
148 64.1 52.2 78.4
111 45.4 37.5 56.3

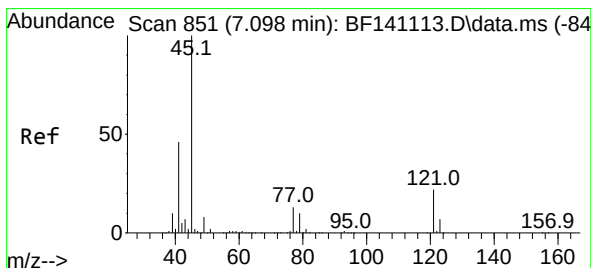
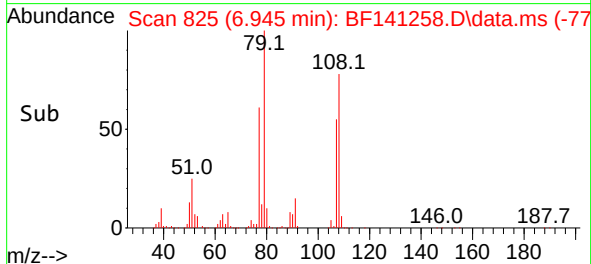
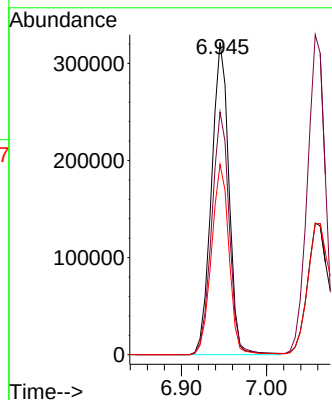
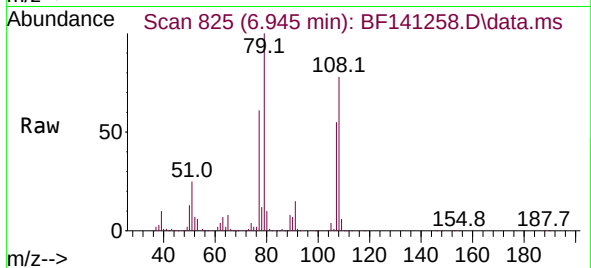




#15
Benzyl Alcohol
Concen: 51.926 ng
RT: 6.945 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

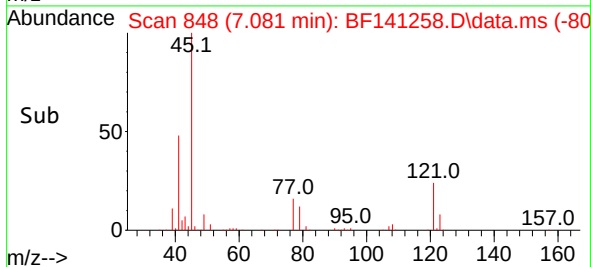
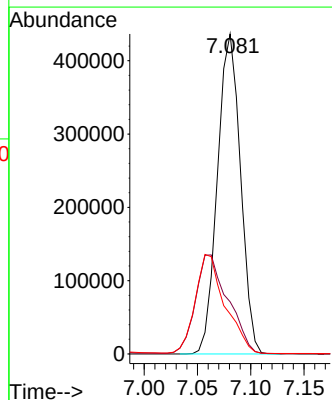
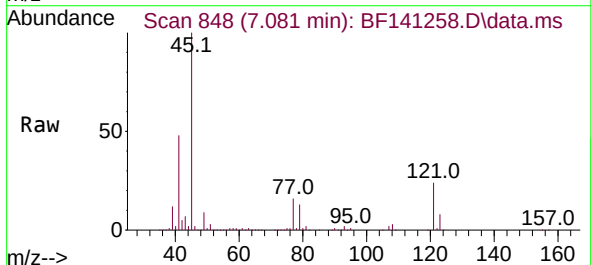
Instrument :
BNA_F
ClientSampleId :
PB166216BS

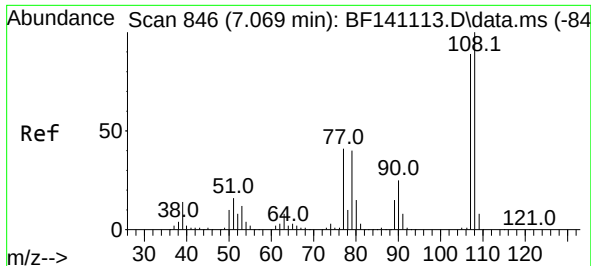
Tgt Ion: 79 Resp: 457359
Ion Ratio Lower Upper
79 100
108 77.7 61.4 92.0
77 61.0 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.322 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion: 45 Resp: 656083
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.1
79 12.5 0.0 31.0

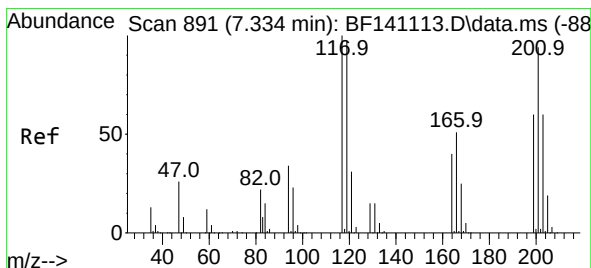
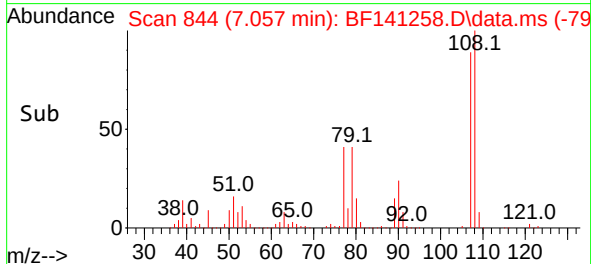
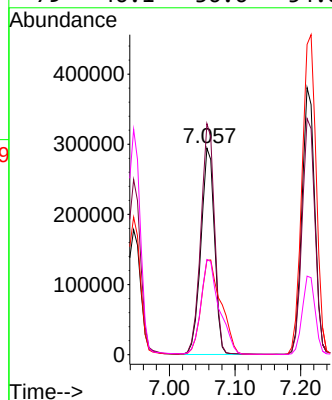
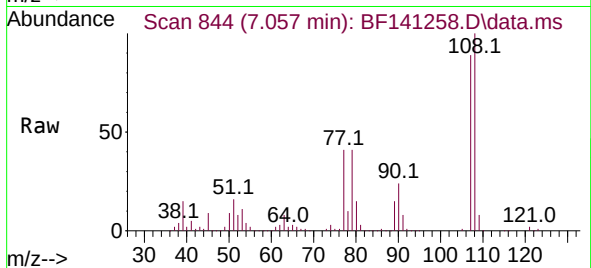




#17
2-Methylphenol
Concen: 51.205 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

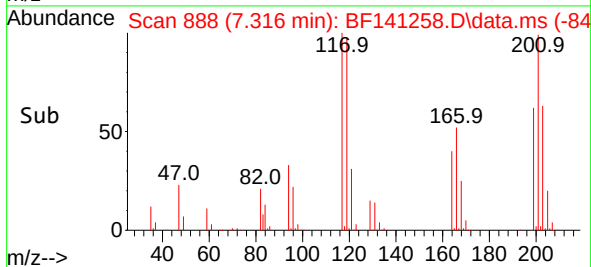
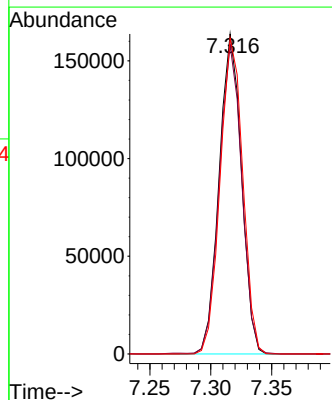
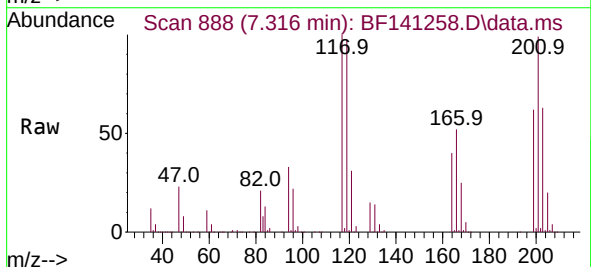
Instrument :
BNA_F
ClientSampleId :
PB166216BS

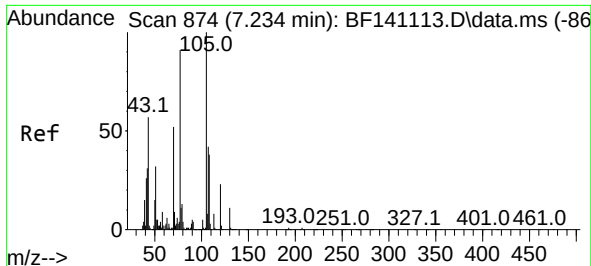
Tgt Ion:107 Resp: 427043
Ion Ratio Lower Upper
107 100
108 111.9 90.1 135.1
77 45.7 36.6 55.0
79 46.1 36.6 54.8



#18
Hexachloroethane
Concen: 49.772 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:117 Resp: 208966
Ion Ratio Lower Upper
117 100
119 96.5 77.6 116.4
201 98.7 75.1 112.7



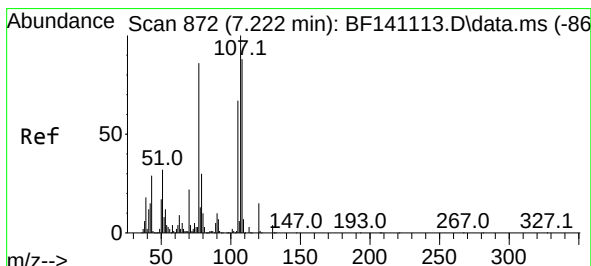
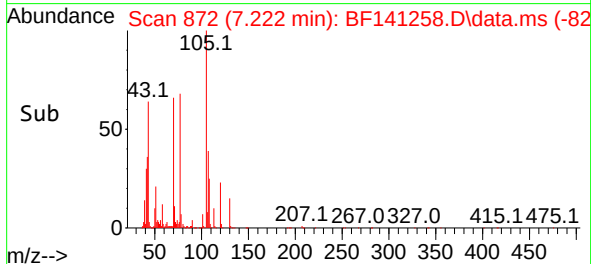
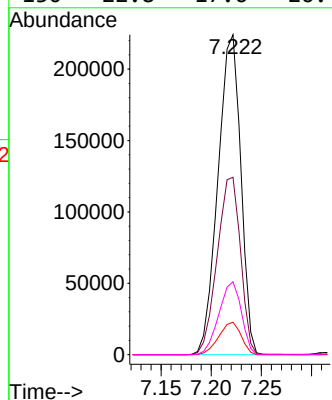
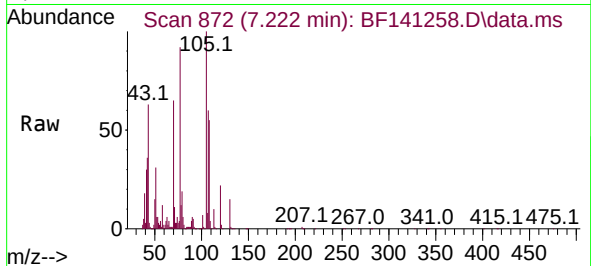


#19
n-Nitroso-di-n-propylamine
Concen: 49.323 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Instrument :
BNA_F
ClientSampleId :
PB166216BS

Tgt Ion: 70 Resp: 354361

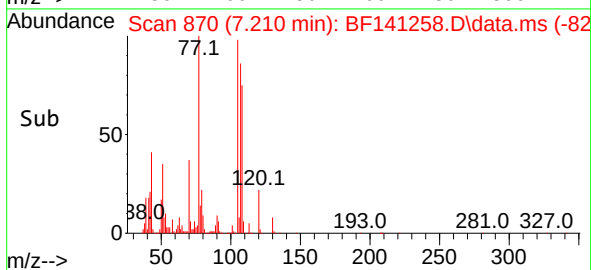
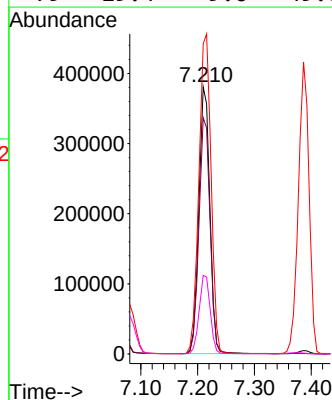
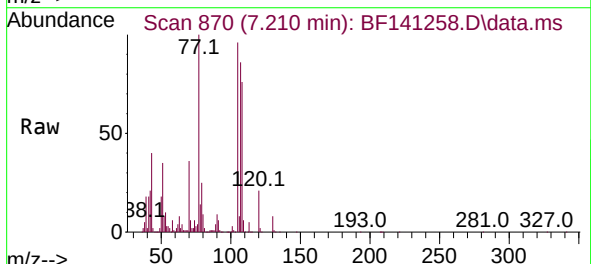
Ion	Ratio	Lower	Upper
70	100		
42	55.5	47.8	71.6
101	10.1	7.9	11.9
130	22.8	17.6	26.4

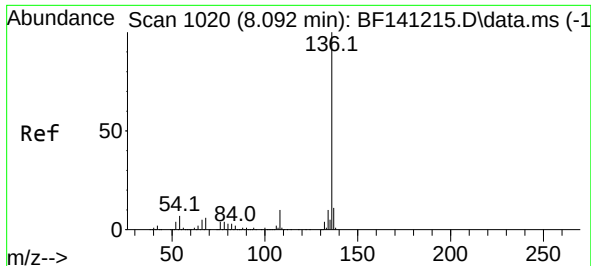


#20
3+4-Methylphenols
Concen: 48.815 ng
RT: 7.210 min Scan# 870
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion: 107 Resp: 513616

Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.3	108.3
77	116.2	66.4	106.4#
79	29.4	9.6	49.6

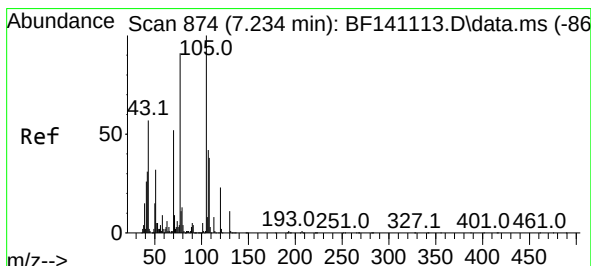
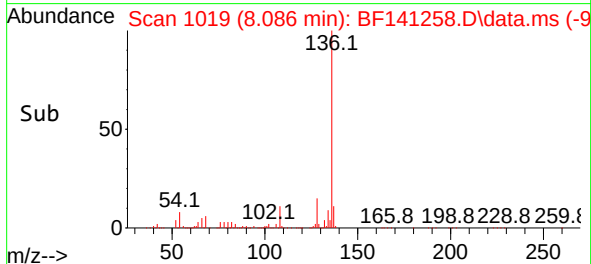
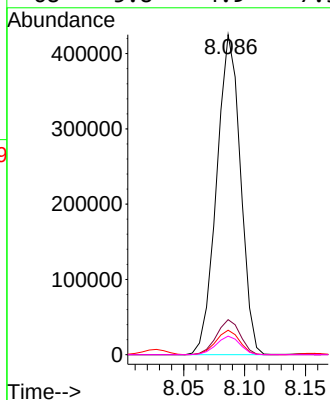
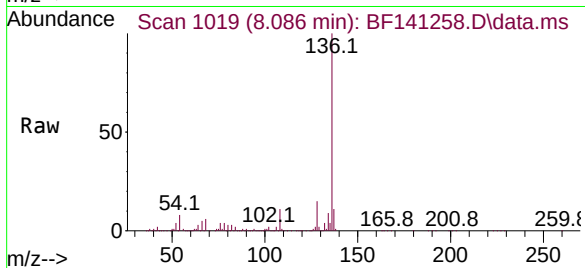




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

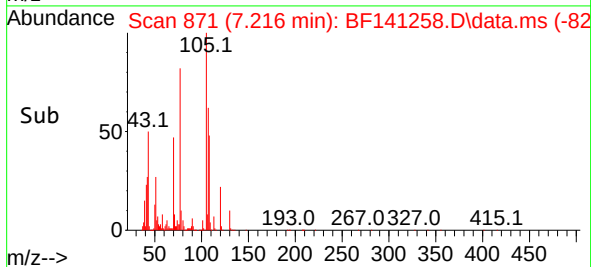
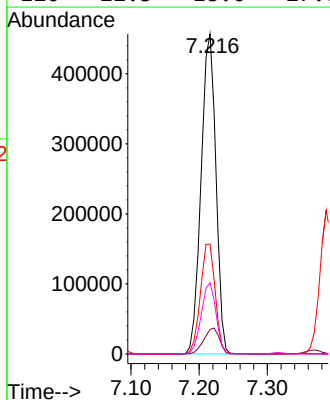
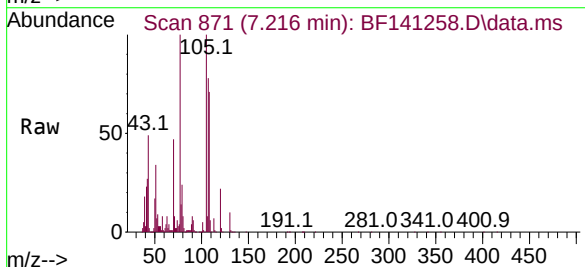
Instrument :
BNA_F
ClientSampleId :
PB166216BS

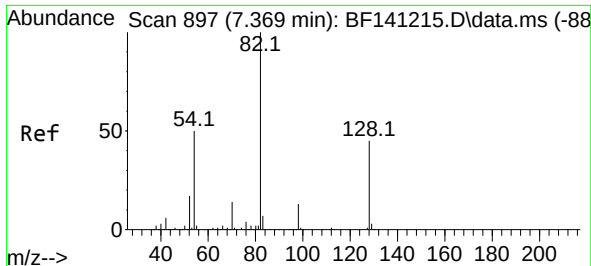
Tgt Ion:136	Resp: 580292
Ion Ratio	Lower Upper
136 100	
137 11.0	8.8 13.2
54 7.7	6.3 9.5
68 5.8	4.9 7.3



#22
Acetophenone
Concen: 49.956 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt	Ion:105	Resp:	689139
Ion	Ratio	Lower	Upper
105	100		
71	7.7	7.1	10.7
51	34.3	25.4	38.2
120	22.3	18.0	27.0

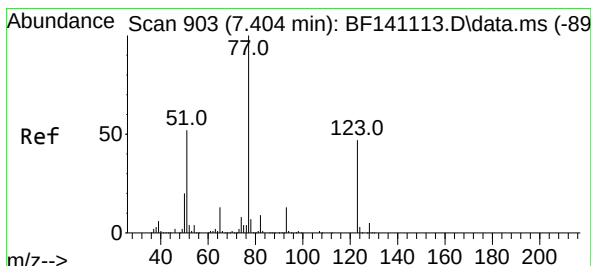
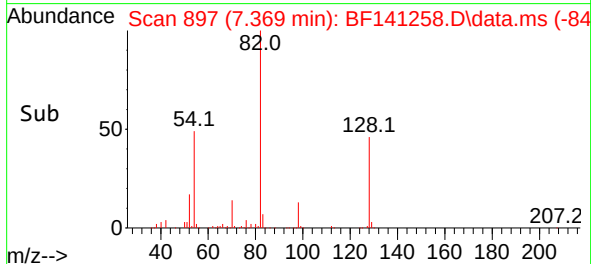
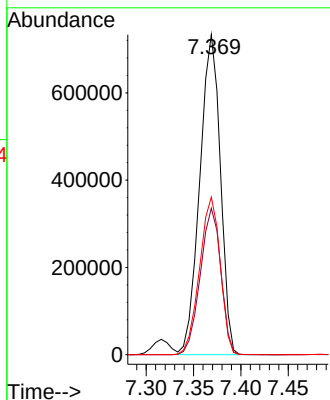
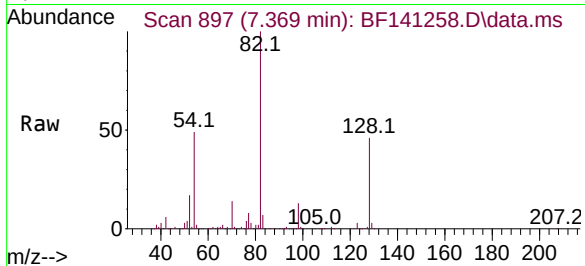




#23
Nitrobenzene-d5
Concen: 101.082 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

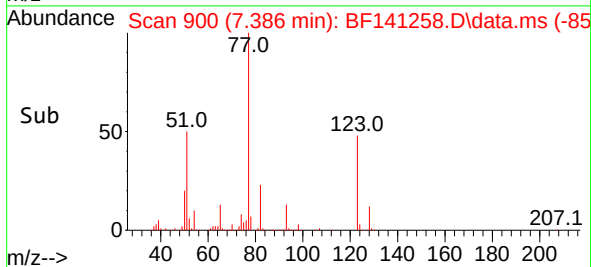
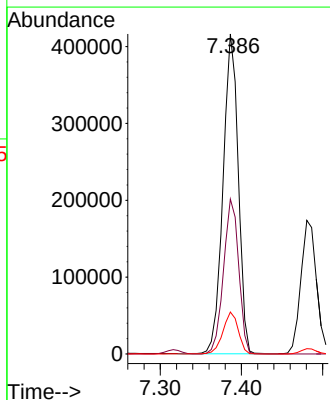
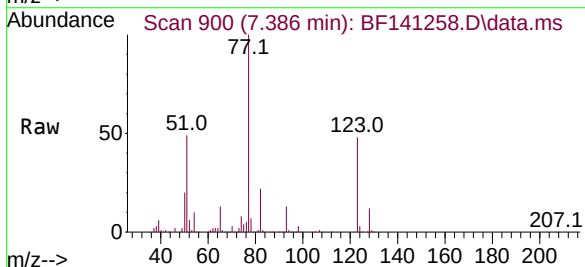
Instrument :
BNA_F
ClientSampleId :
PB166216BS

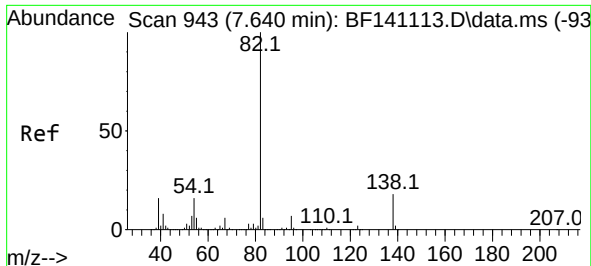
Tgt Ion: 82 Resp: 1106563
Ion Ratio Lower Upper
82 100
128 45.8 36.1 54.1
54 49.3 41.0 61.4



#24
Nitrobenzene
Concen: 47.609 ng
RT: 7.386 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion: 77 Resp: 543183
Ion Ratio Lower Upper
77 100
123 48.4 37.7 56.5
65 13.1 10.6 16.0

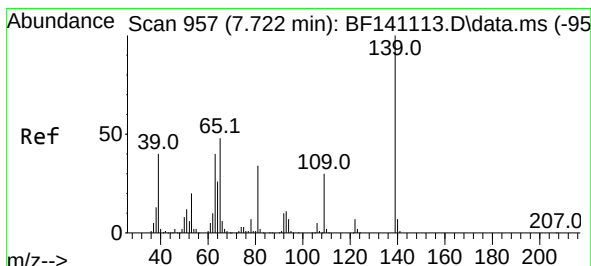
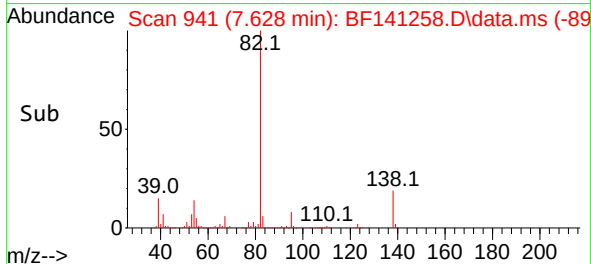
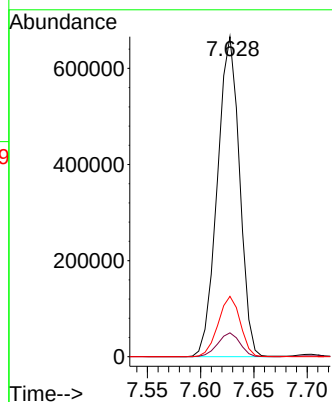
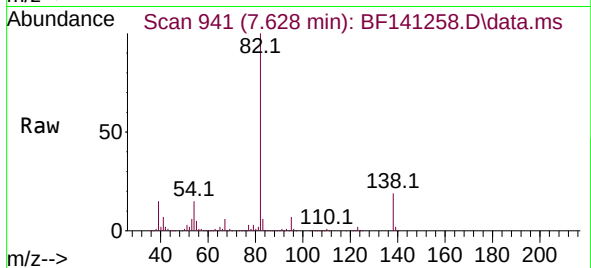




#25
Isophorone
Concen: 51.579 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

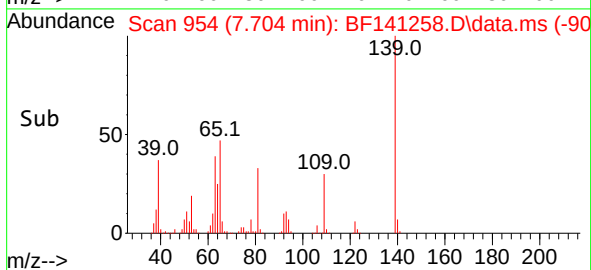
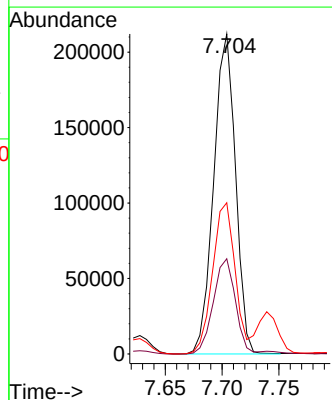
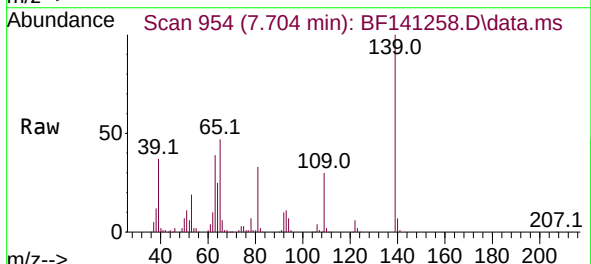
Instrument :
BNA_F
ClientSampleId :
PB166216BS

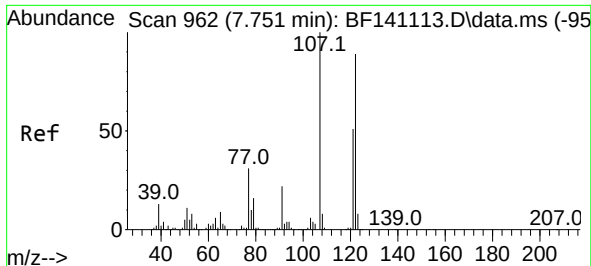
Tgt Ion: 82 Resp: 964946
Ion Ratio Lower Upper
82 100
95 7.4 5.9 8.9
138 18.9 14.2 21.2



#26
2-Nitrophenol
Concen: 54.490 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion: 139 Resp: 282800
Ion Ratio Lower Upper
139 100
109 29.8 23.8 35.6
65 47.3 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 60.442 ng

RT: 7.739 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

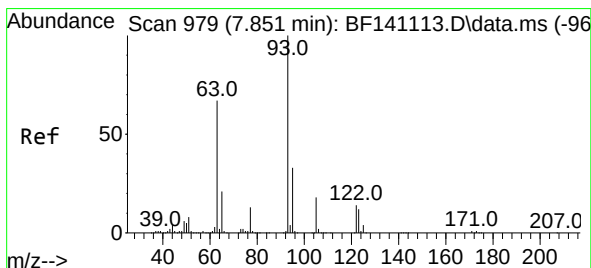
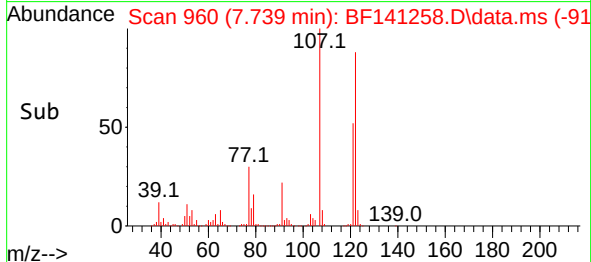
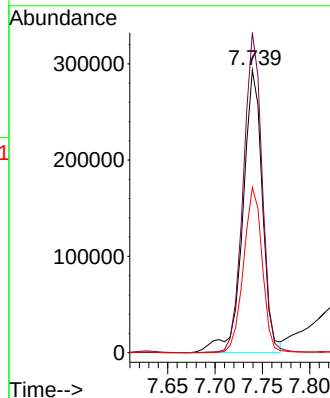
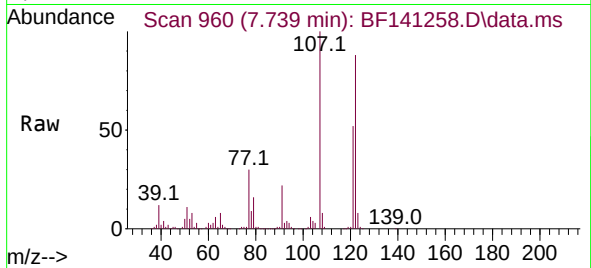
Tgt Ion:122 Resp: 423119

Ion Ratio Lower Upper

122 100

107 113.3 90.3 135.5

121 58.4 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 50.567 ng

RT: 7.839 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

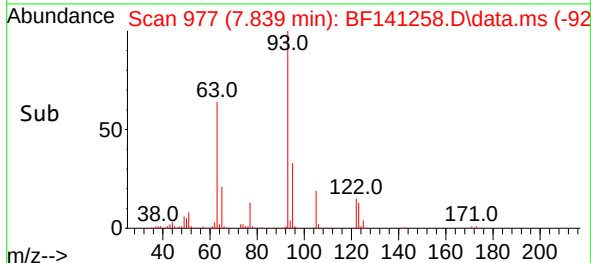
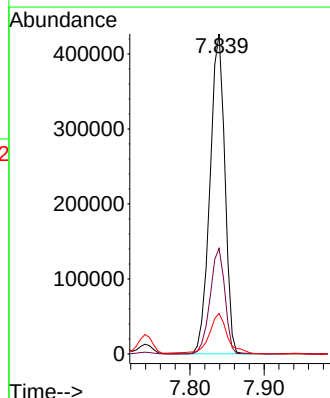
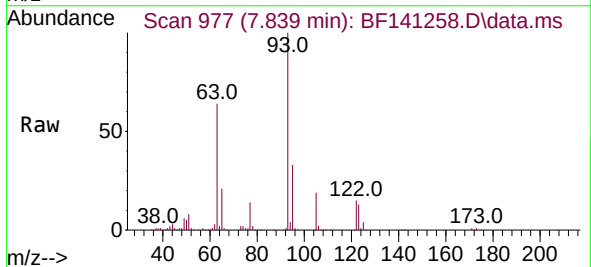
Tgt Ion: 93 Resp: 593705

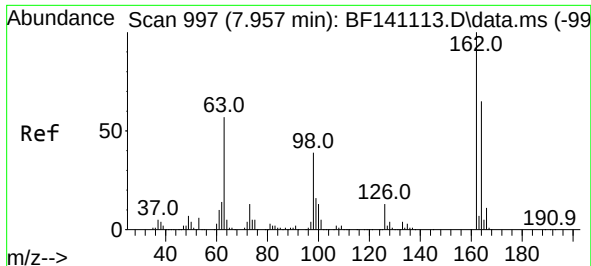
Ion Ratio Lower Upper

93 100

95 33.0 26.2 39.4

123 12.6 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 52.268 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

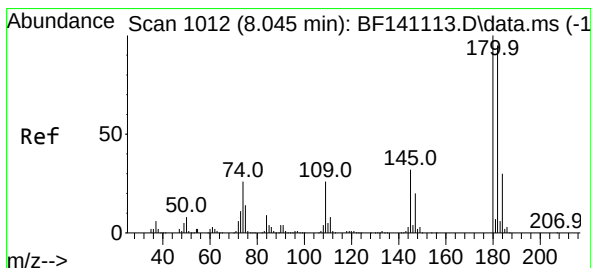
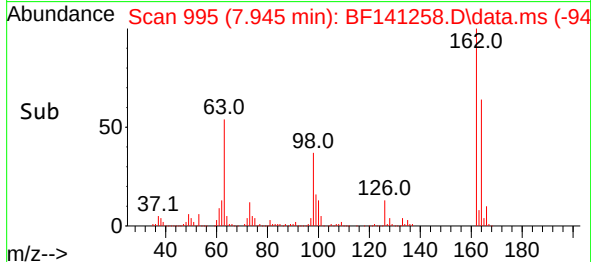
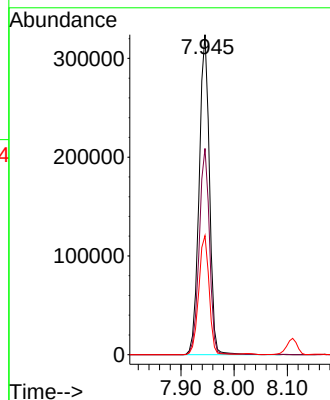
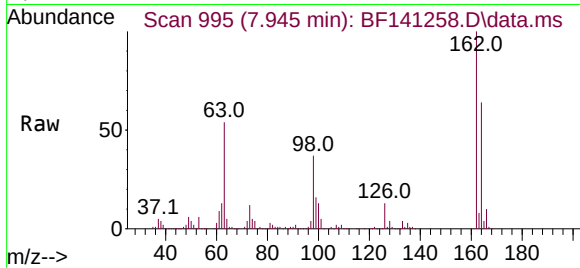
Tgt Ion:162 Resp: 434563

Ion Ratio Lower Upper

162 100

164 64.4 44.5 84.5

98 37.2 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 49.061 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

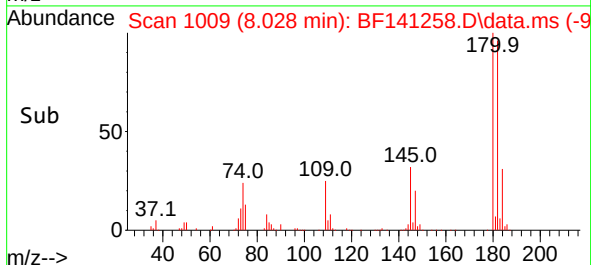
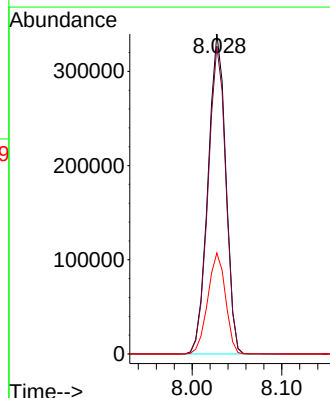
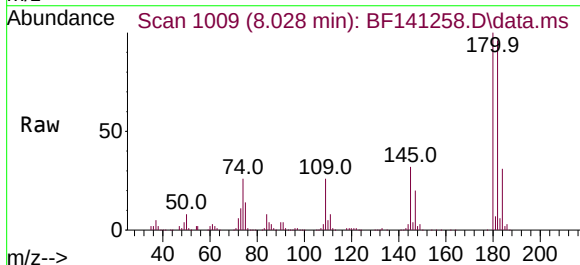
Tgt Ion:180 Resp: 466251

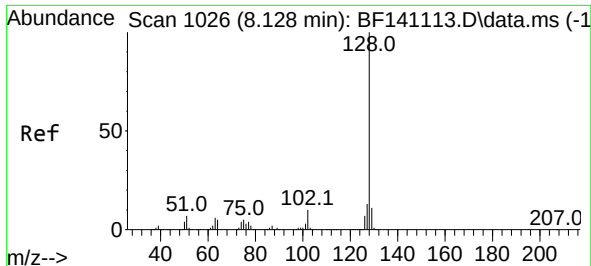
Ion Ratio Lower Upper

180 100

182 96.2 76.2 114.2

145 31.5 25.3 37.9

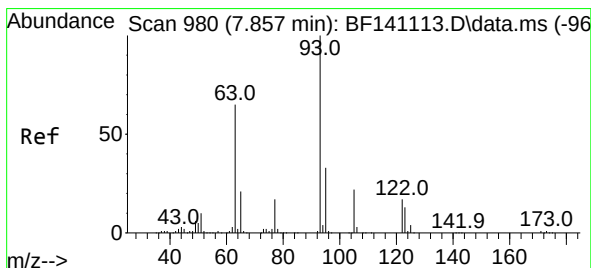
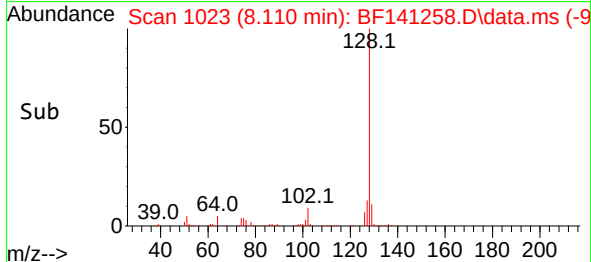
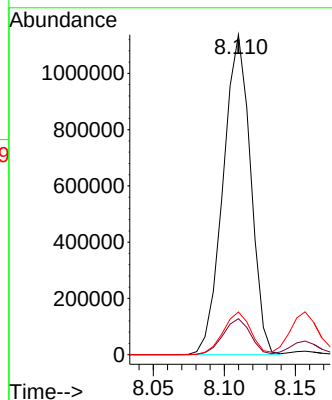
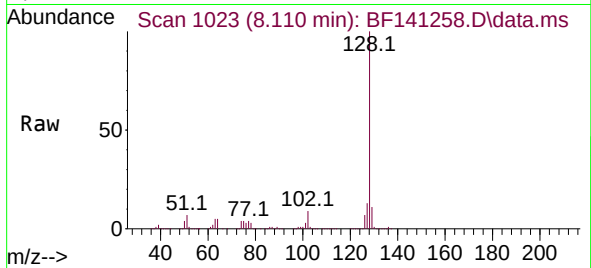




#31
Naphthalene
Concen: 50.038 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

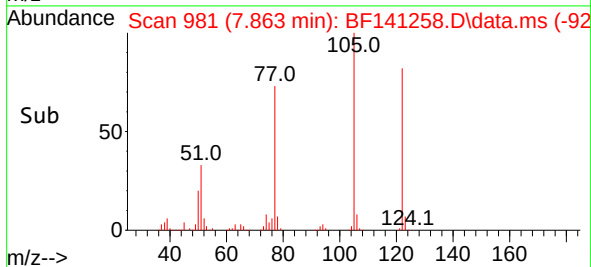
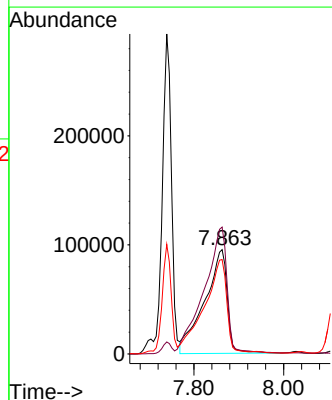
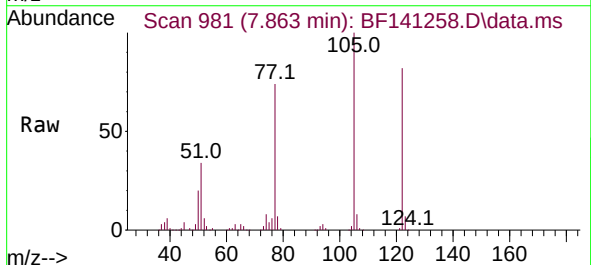
Instrument :
BNA_F
ClientSampleId :
PB166216BS

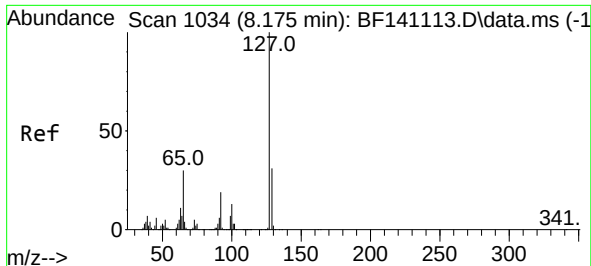
Tgt Ion:128 Resp: 1531283
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 49.857 ng
RT: 7.863 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:122 Resp: 334809
Ion Ratio Lower Upper
122 100
105 121.7 105.5 145.5
77 90.5 75.1 115.1



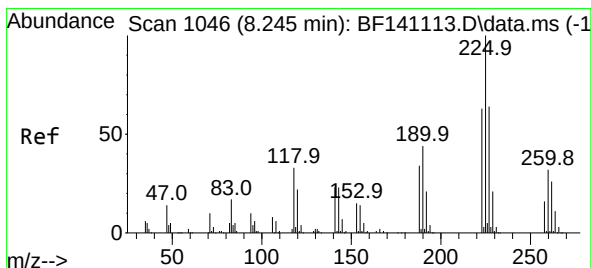
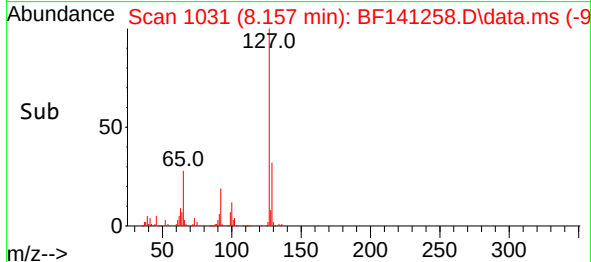
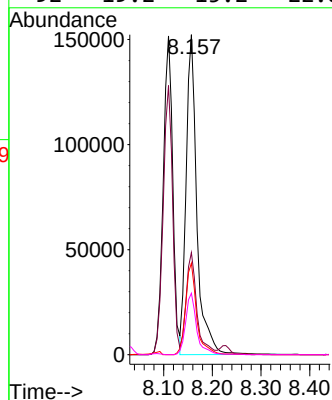
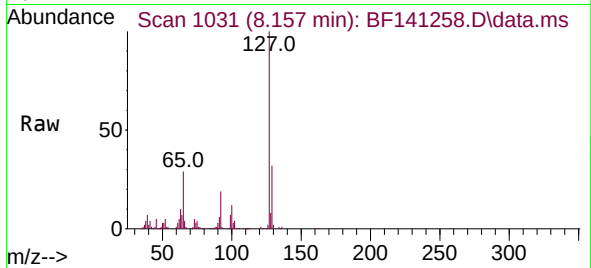


#33
4-Chloroaniline
Concen: 22.035 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Instrument :
BNA_F
ClientSampleId :
PB166216BS

Tgt Ion:127 Resp: 233206

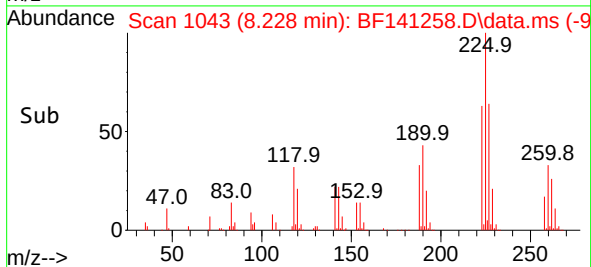
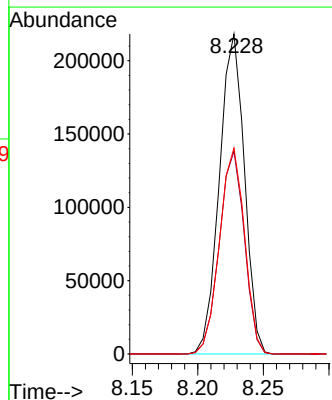
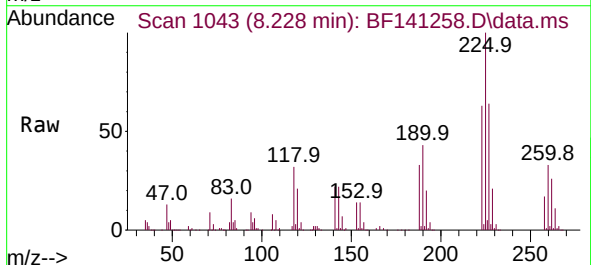
Ion	Ratio	Lower	Upper
127	100		
129	31.9	25.9	38.9
65	28.6	23.8	35.8
92	19.2	15.2	22.8

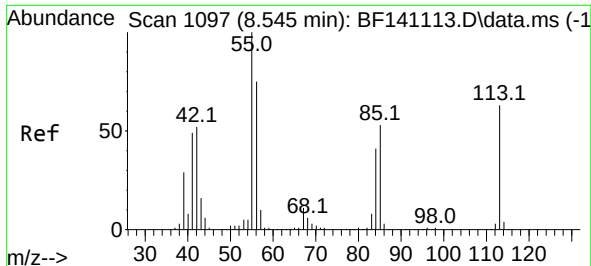


#34
Hexachlorobutadiene
Concen: 50.530 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:225 Resp: 289352

Ion	Ratio	Lower	Upper
225	100		
223	63.3	50.6	76.0
227	64.3	51.6	77.4

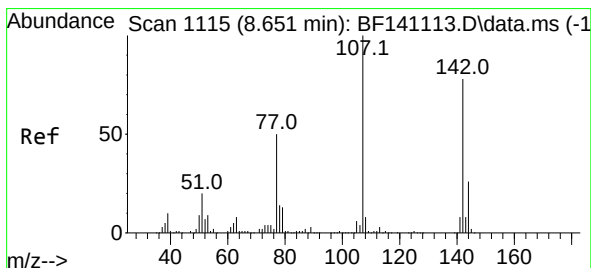
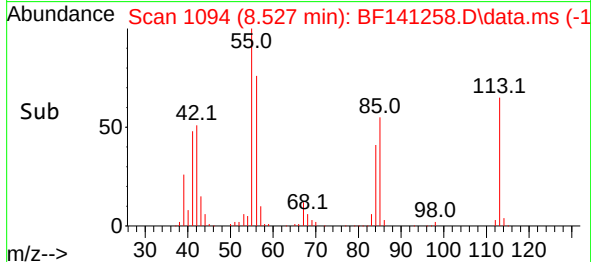
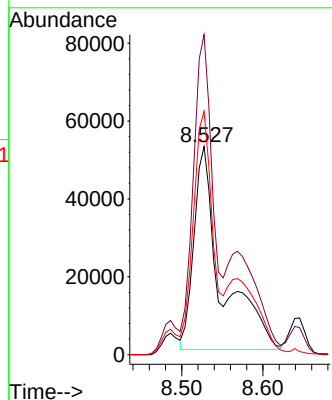
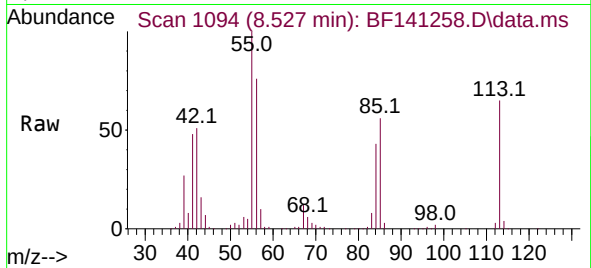




#35
Caprolactam
Concen: 44.925 ng m
RT: 8.527 min Scan# 1094
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

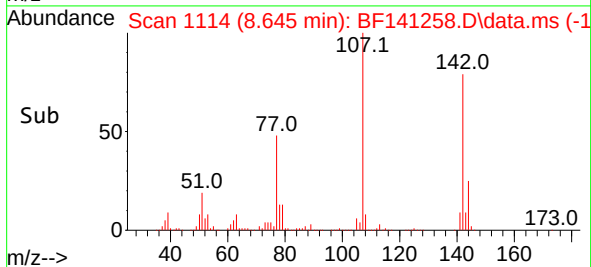
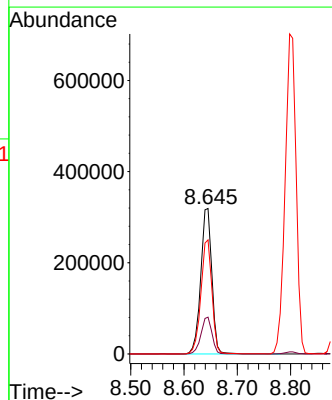
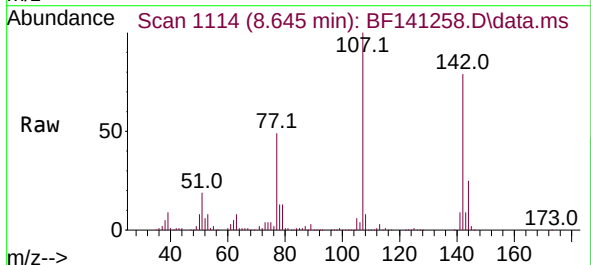
Instrument :
BNA_F
ClientSampleId :
PB166216BS

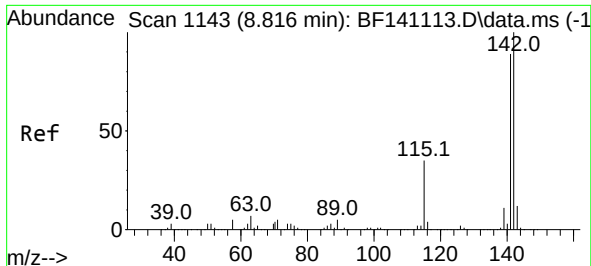
Tgt Ion:113 Resp: 122286
Ion Ratio Lower Upper
113 100
55 153.8 139.7 179.7
56 117.0 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 50.954 ng
RT: 8.645 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:107 Resp: 463314
Ion Ratio Lower Upper
107 100
144 25.3 20.4 30.6
142 78.5 62.2 93.2





#37

2-Methylnaphthalene

Concen: 51.371 ng

RT: 8.798 min Scan# 1140

Delta R.T. -0.018 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

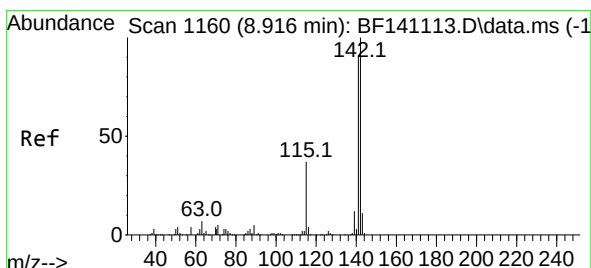
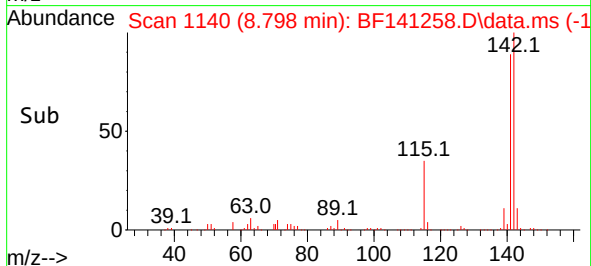
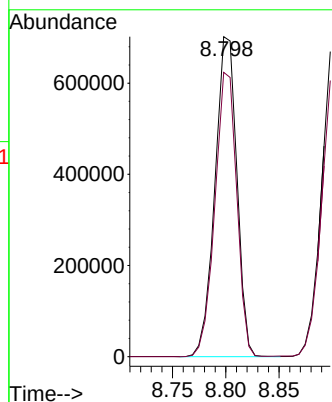
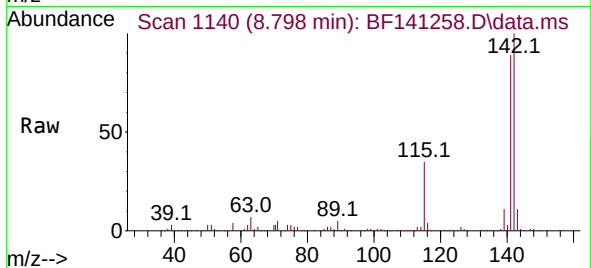
PB166216BS

Tgt Ion:142 Resp: 1001778

Ion Ratio Lower Upper

142 100

141 88.9 71.3 106.9



#38

1-Methylnaphthalene

Concen: 48.881 ng

RT: 8.898 min Scan# 1157

Delta R.T. -0.018 min

Lab File: BF141258.D

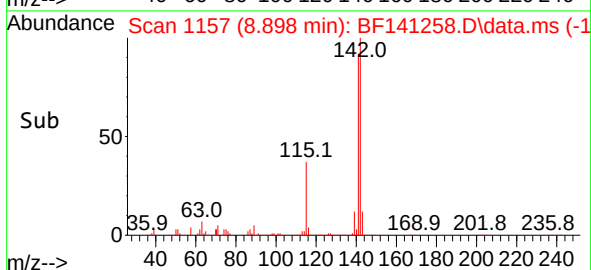
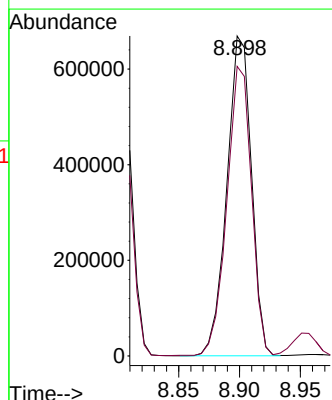
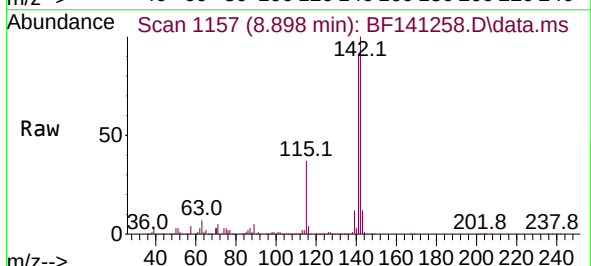
Acq: 24 Jan 2025 13:09

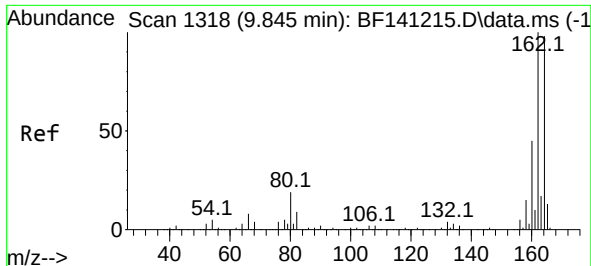
Tgt Ion:142 Resp: 939426

Ion Ratio Lower Upper

142 100

141 90.5 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.845 min Scan# 1169

Delta R.T. -0.018 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

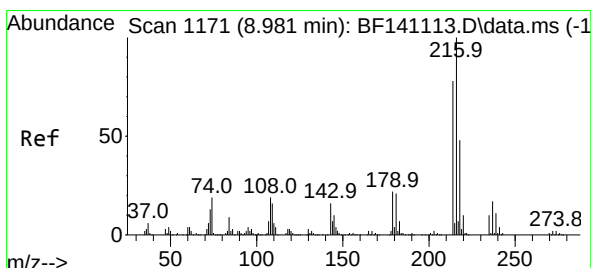
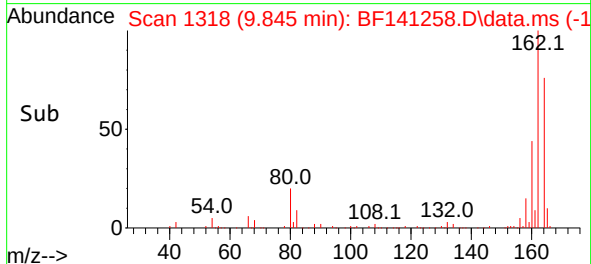
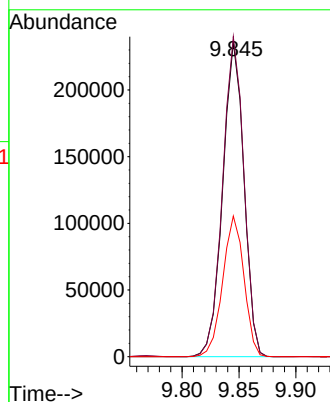
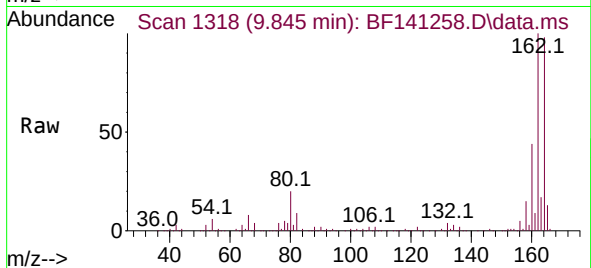
Tgt Ion:164 Resp: 306712

Ion Ratio Lower Upper

164 100

162 101.7 81.0 121.4

160 44.7 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 53.091 ng

RT: 8.969 min Scan# 1169

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Tgt Ion:216 Resp: 467372

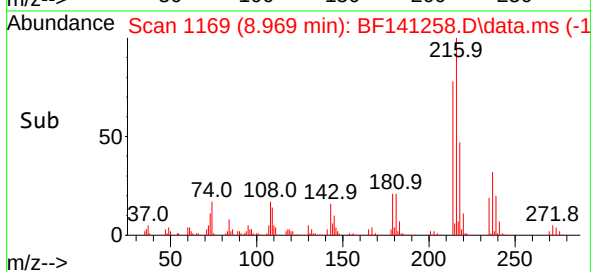
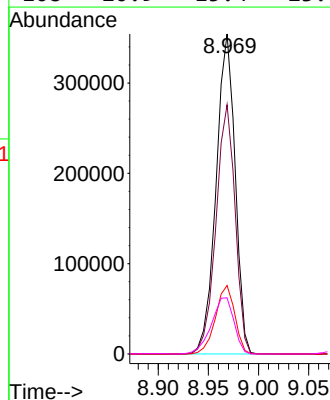
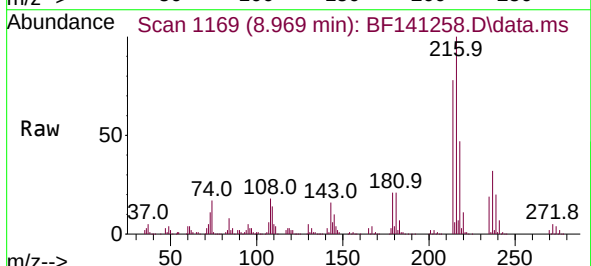
Ion Ratio Lower Upper

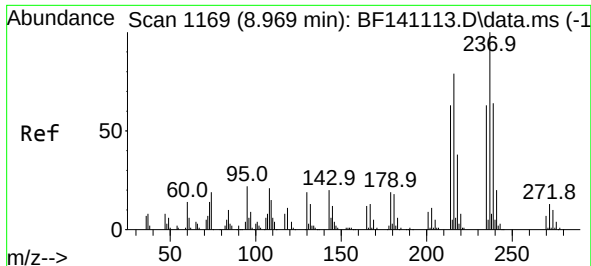
216 100

214 78.0 62.6 94.0

179 21.7 17.7 26.5

108 20.9 15.4 23.0

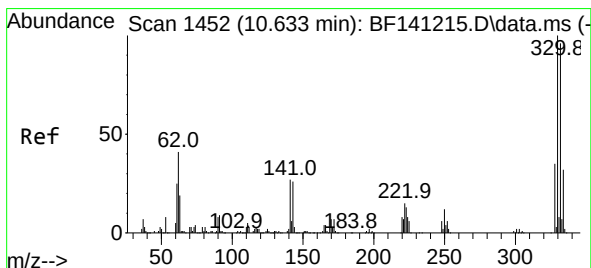
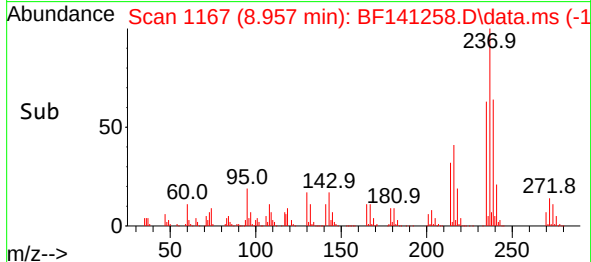
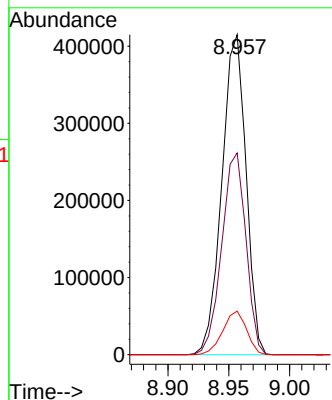
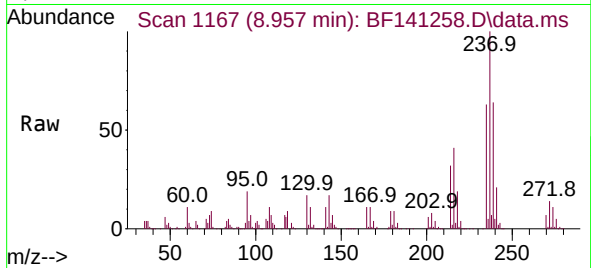




#41
Hexachlorocyclopentadiene
Concen: 199.122 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

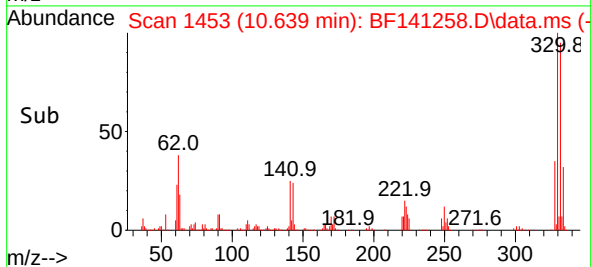
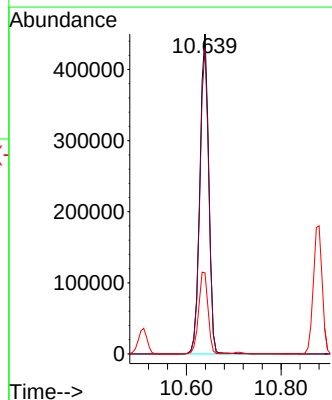
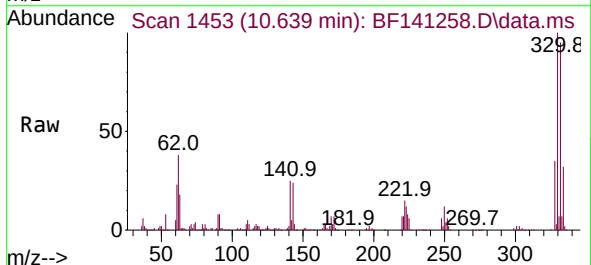
Instrument :
BNA_F
ClientSampleId :
PB166216BS

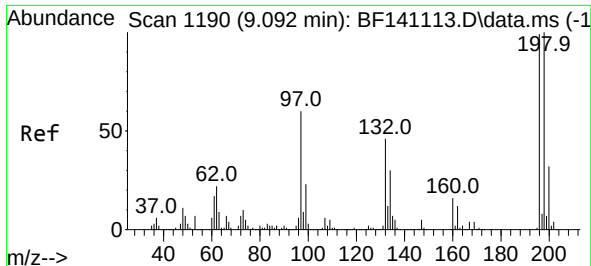
Tgt Ion:237 Resp: 573495
Ion Ratio Lower Upper
237 100
235 63.0 43.0 83.0
272 13.6 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 167.279 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

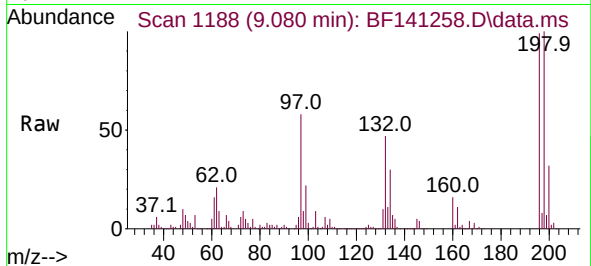
Tgt Ion:330 Resp: 584603
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 27.0 25.2 37.8



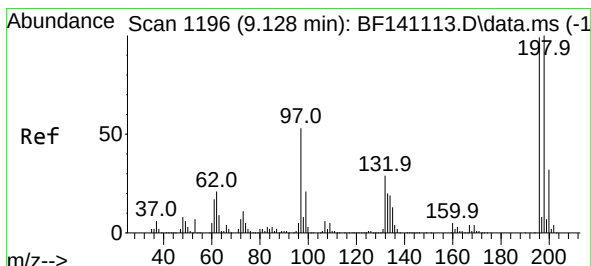
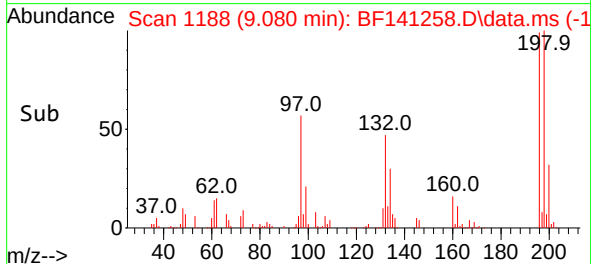
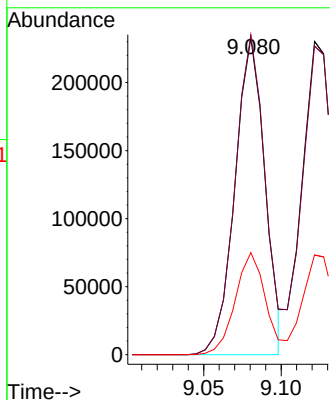


#43
2,4,6-Trichlorophenol
Concen: 52.643 ng
RT: 9.080 min Scan# 1188
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Instrument :
BNA_F
ClientSampleId :
PB166216BS

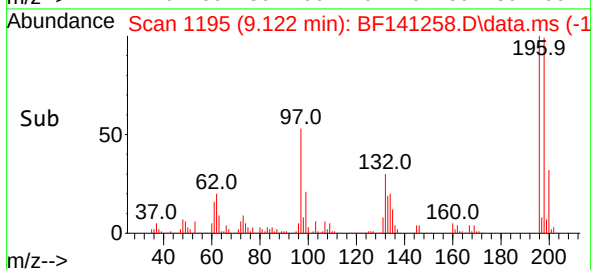
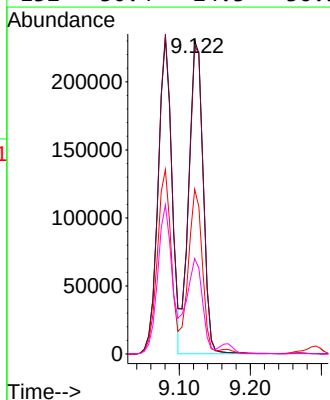
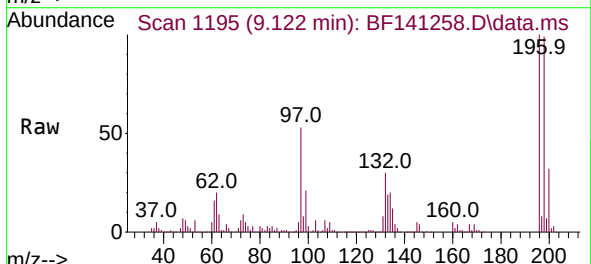


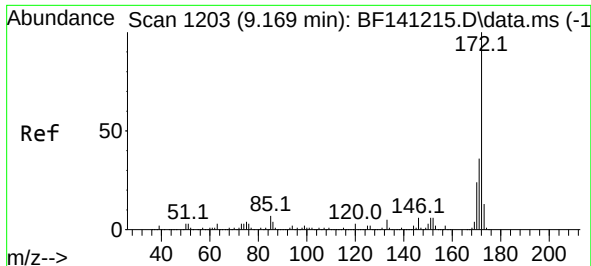
Tgt Ion:196 Resp: 312554
Ion Ratio Lower Upper
196 100
198 101.2 80.8 121.2
200 32.3 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 51.689 ng
RT: 9.122 min Scan# 1195
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:196 Resp: 324112
Ion Ratio Lower Upper
196 100
198 98.5 80.6 120.8
97 52.6 43.1 64.7
132 30.4 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 104.984 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

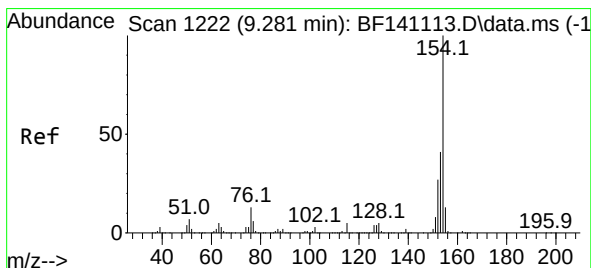
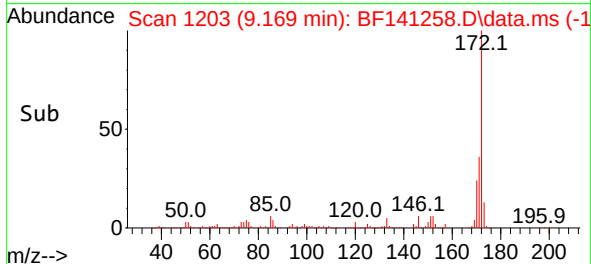
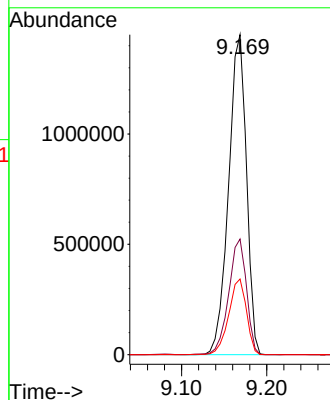
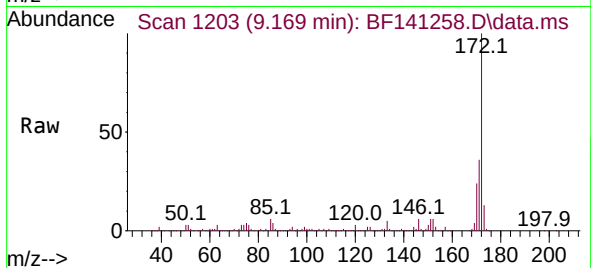
Tgt Ion:172 Resp: 2108637

Ion Ratio Lower Upper

172 100

171 36.1 28.7 43.1

170 23.7 19.0 28.6



#46

1,1'-Biphenyl

Concen: 51.378 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

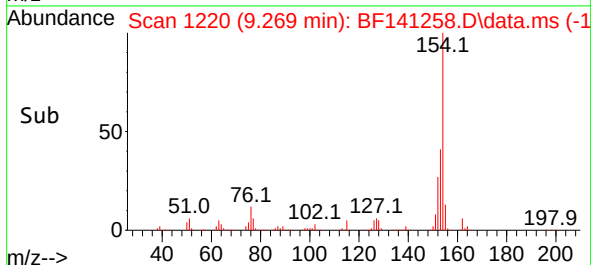
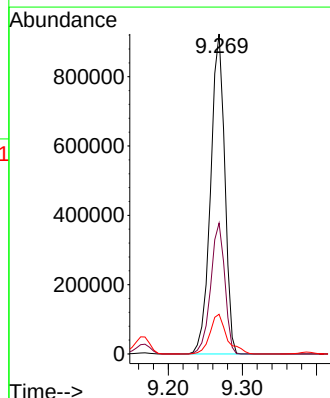
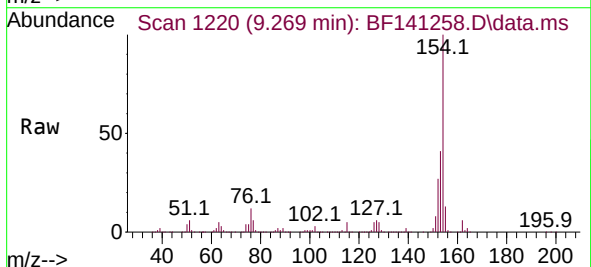
Tgt Ion:154 Resp: 1223792

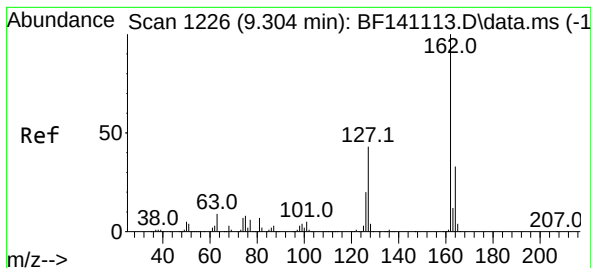
Ion Ratio Lower Upper

154 100

153 40.9 20.7 60.7

76 12.4 0.0 33.1





#47

2-Chloronaphthalene

Concen: 50.272 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

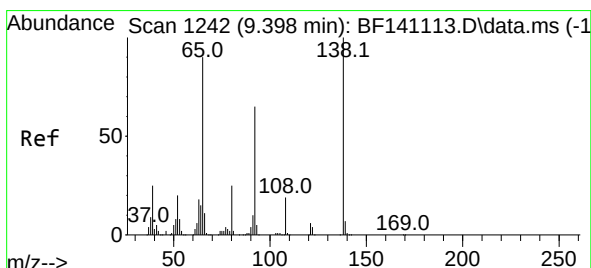
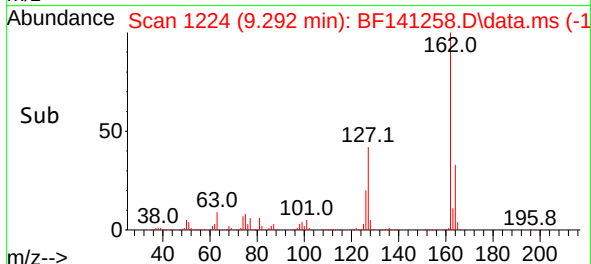
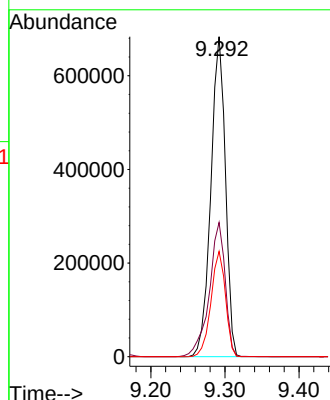
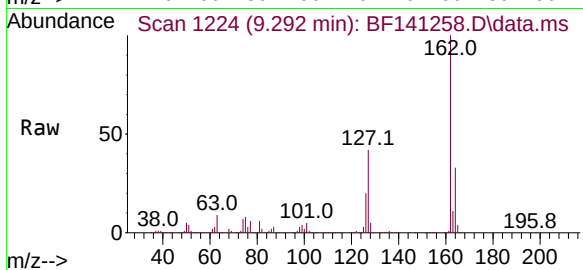
Tgt Ion:162 Resp: 932649

Ion Ratio Lower Upper

162 100

127 41.9 34.6 51.8

164 32.9 26.5 39.7



#48

2-Nitroaniline

Concen: 49.871 ng

RT: 9.386 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

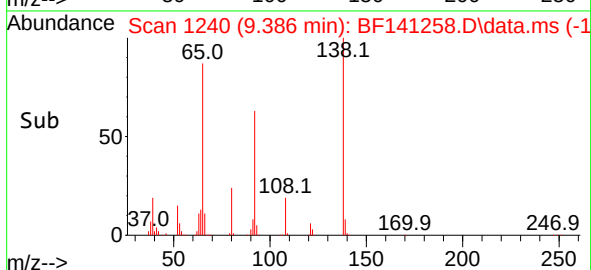
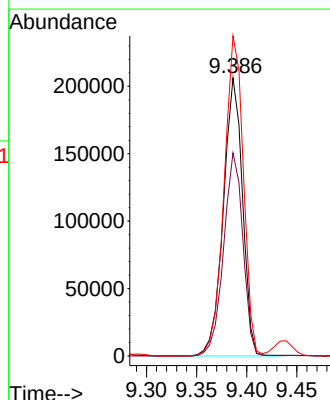
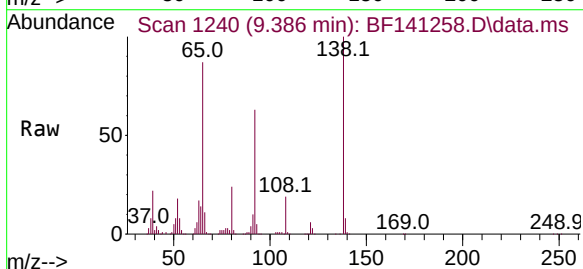
Tgt Ion: 65 Resp: 274264

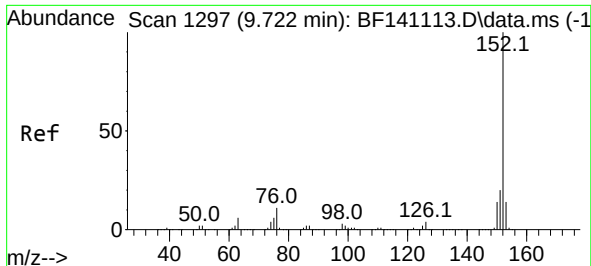
Ion Ratio Lower Upper

65 100

92 73.1 58.3 87.5

138 115.2 89.1 133.7





#49

Acenaphthylene

Concen: 54.256 ng

RT: 9.710 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

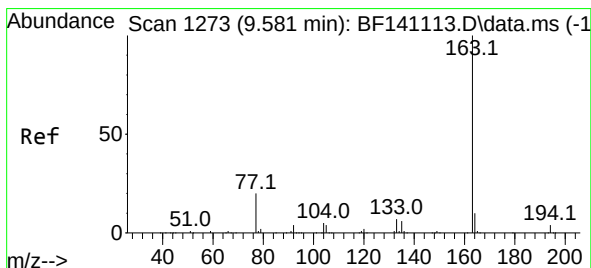
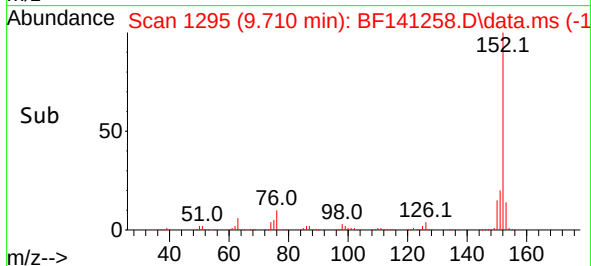
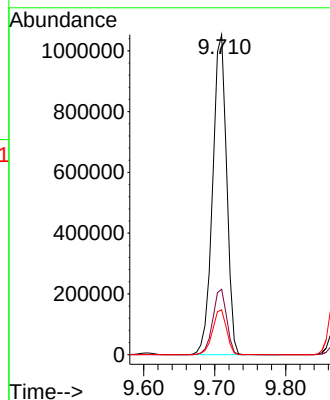
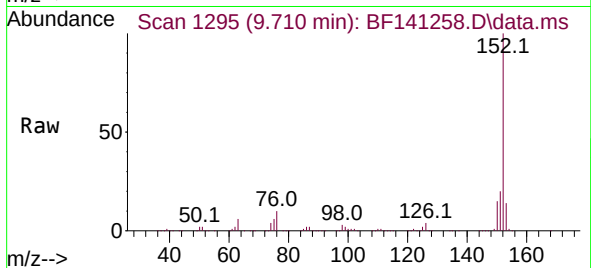
Tgt Ion:152 Resp: 1438081

Ion Ratio Lower Upper

152 100

151 20.4 16.1 24.1

153 14.0 11.1 16.7



#50

Dimethylphthalate

Concen: 52.524 ng

RT: 9.569 min Scan# 1271

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

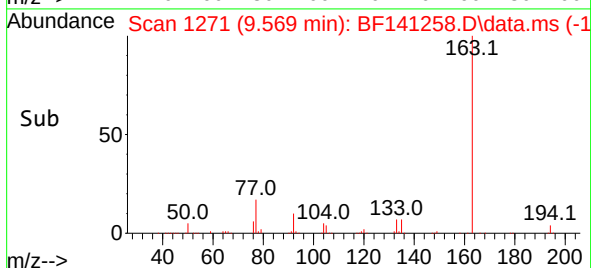
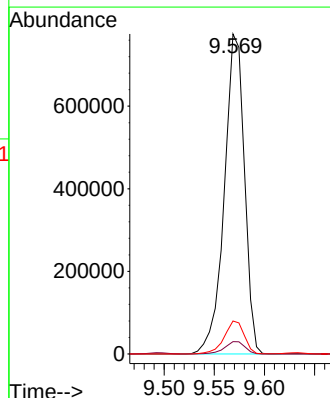
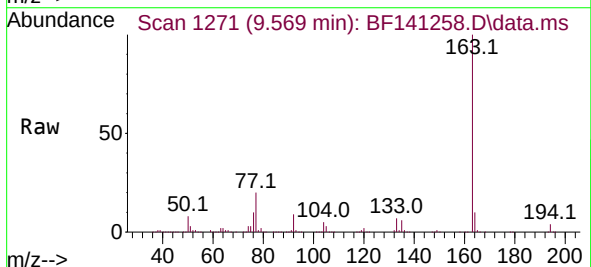
Tgt Ion:163 Resp: 1081507

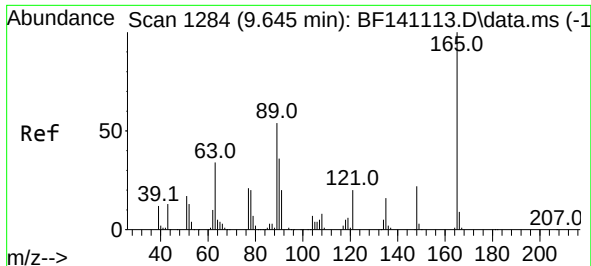
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.3 8.2 12.4

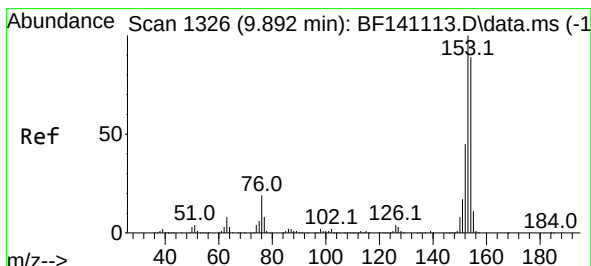
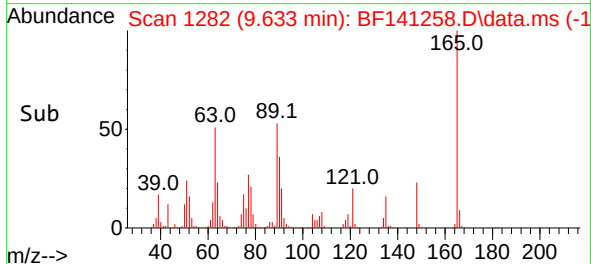
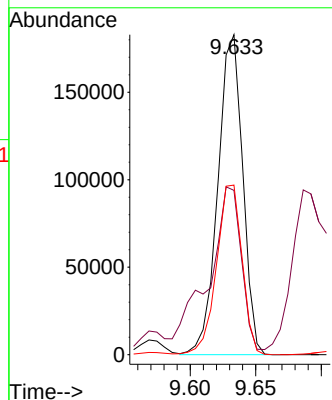
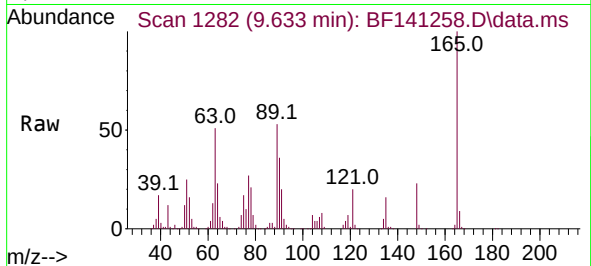




#51
2,6-Dinitrotoluene
Concen: 50.407 ng
RT: 9.633 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

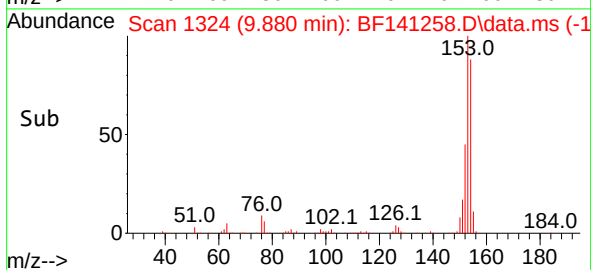
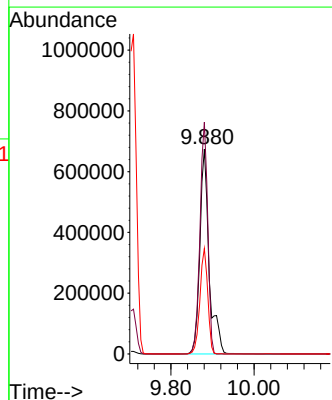
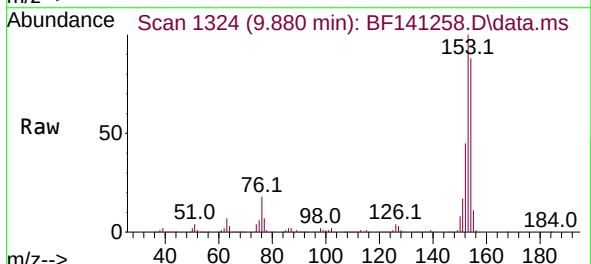
Instrument :
BNA_F
ClientSampleId :
PB166216BS

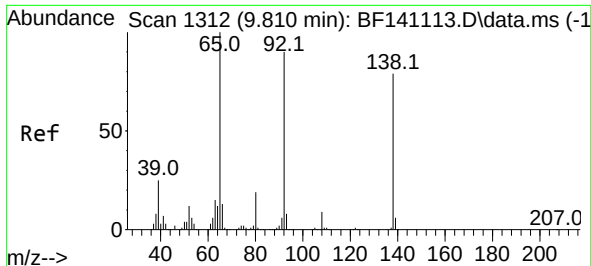
Tgt Ion:165 Resp: 241366
Ion Ratio Lower Upper
165 100
63 51.3 42.3 63.5
89 53.0 43.1 64.7



#52
Acenaphthene
Concen: 57.020 ng
RT: 9.880 min Scan# 1324
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:154 Resp: 1055897
Ion Ratio Lower Upper
154 100
153 113.2 89.8 134.6
152 51.4 40.8 61.2

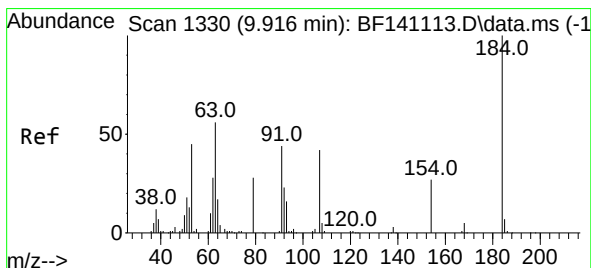
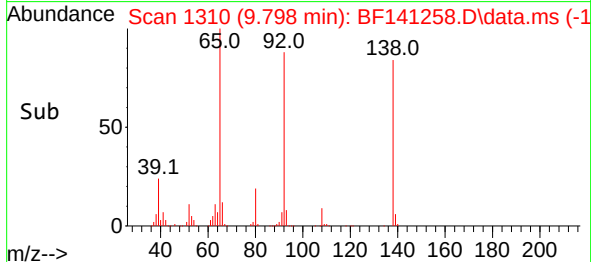
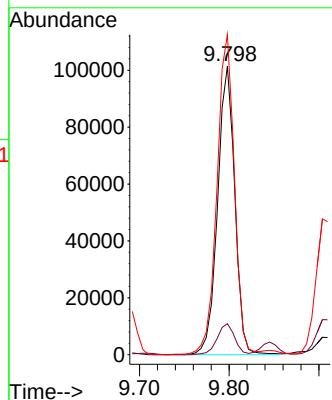
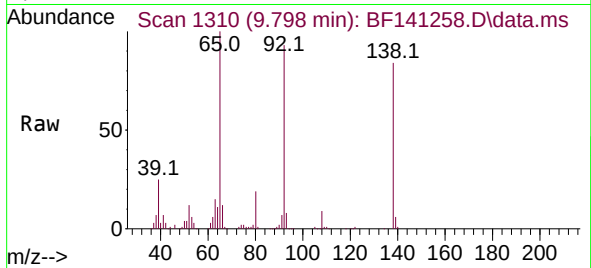




#53
3-Nitroaniline
Concen: 27.764 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

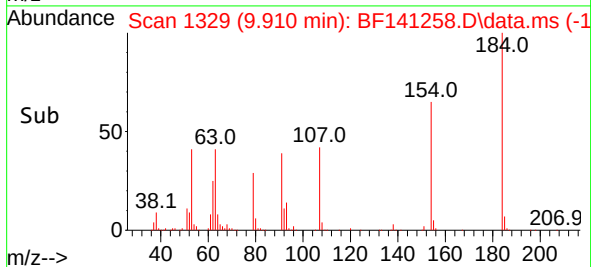
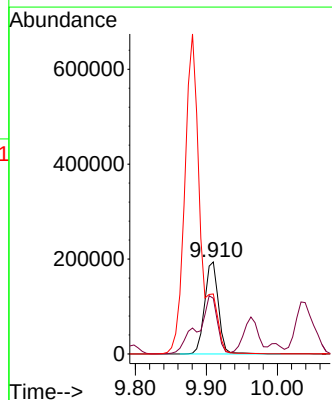
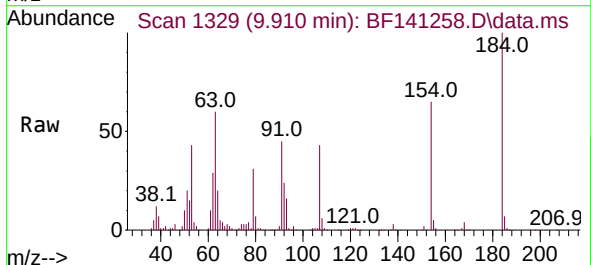
Instrument :
BNA_F
ClientSampleId :
PB166216BS

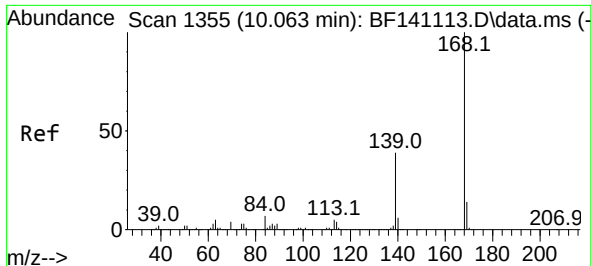
Tgt Ion:138 Resp: 135096
Ion Ratio Lower Upper
138 100
108 10.8 8.8 13.2
92 110.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 115.323 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:184 Resp: 262472
Ion Ratio Lower Upper
184 100
63 60.5 48.7 73.1
154 65.3 57.1 85.7

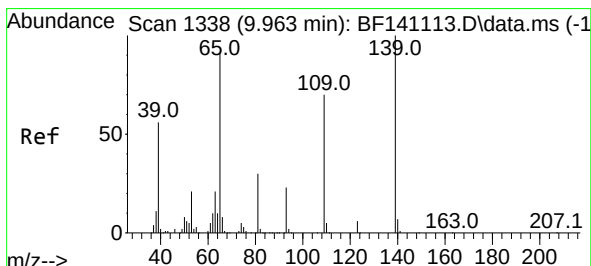
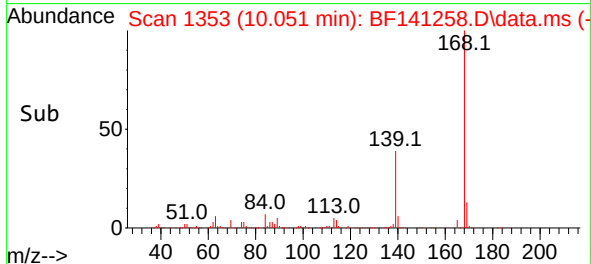
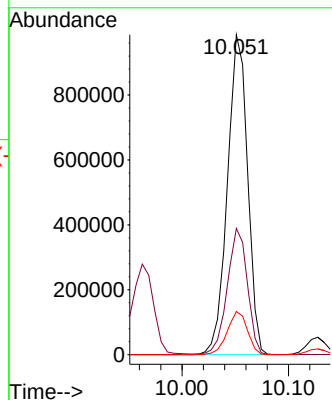
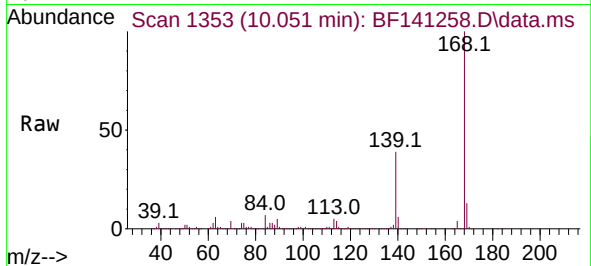




#55
Dibenzenofuran
Concen: 51.575 ng
RT: 10.051 min Scan# 1353
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

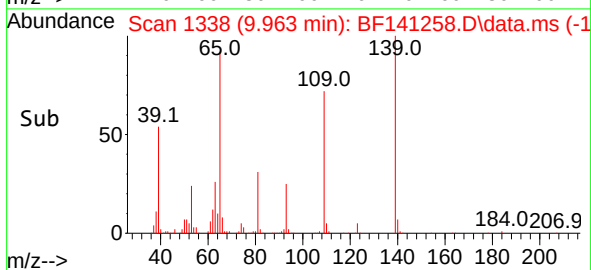
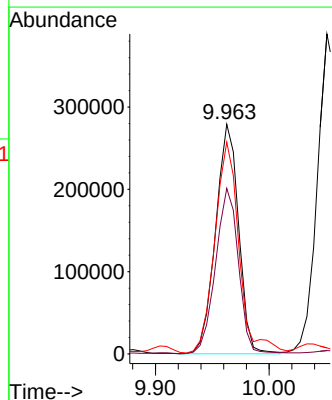
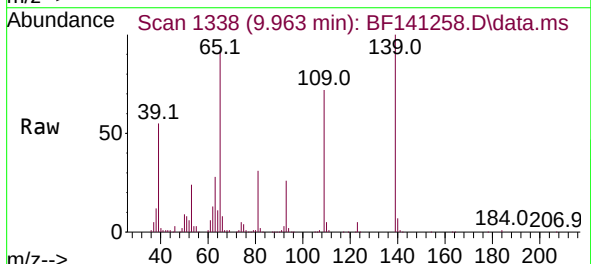
Instrument :
BNA_F
ClientSampleId :
PB166216BS

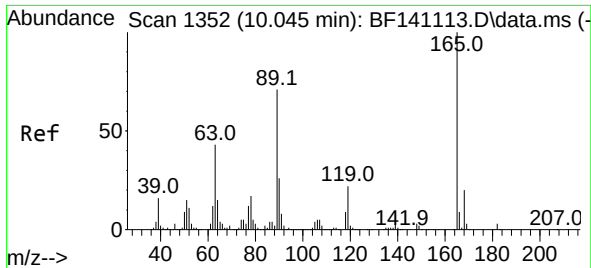
Tgt Ion:168 Resp: 1299079
Ion Ratio Lower Upper
168 100
139 39.4 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 103.126 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.000 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:139 Resp: 392996
Ion Ratio Lower Upper
139 100
109 72.1 50.2 90.2
65 92.2 72.1 112.1



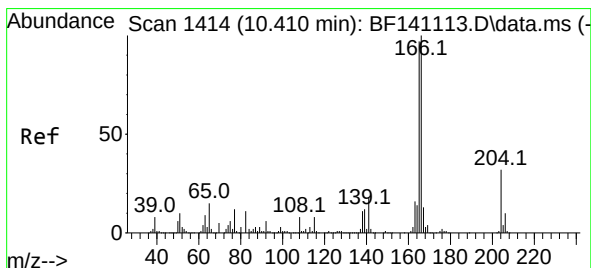
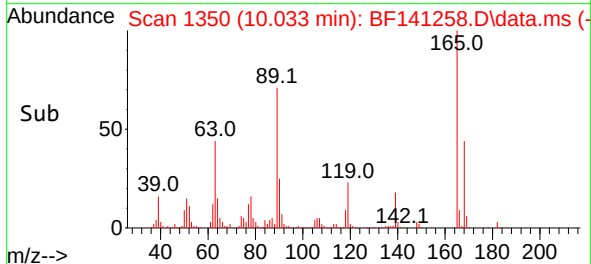
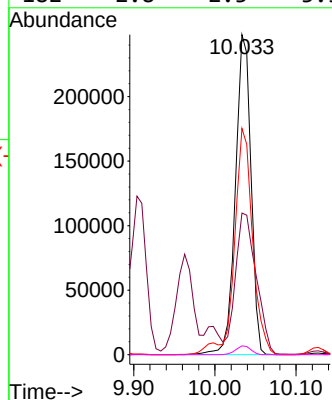
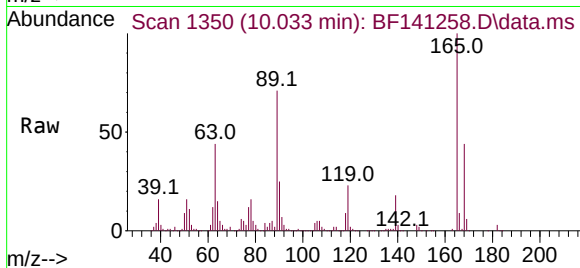


#57
2,4-Dinitrotoluene
Concen: 53.370 ng
RT: 10.033 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Instrument :
BNA_F
ClientSampleId :
PB166216BS

Tgt Ion:165 Resp: 329336

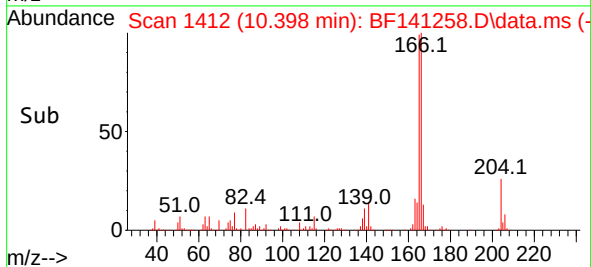
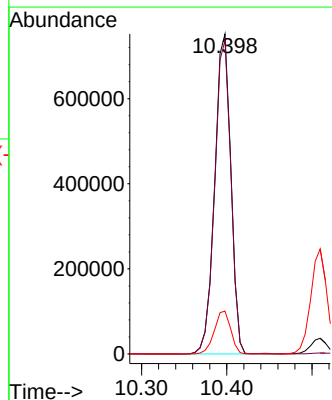
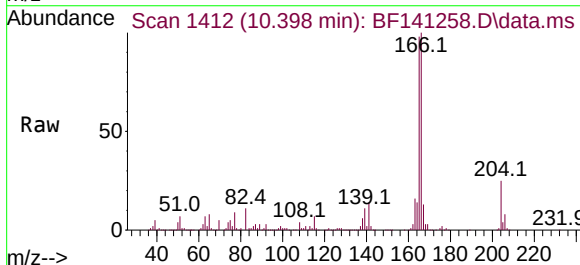
Ion	Ratio	Lower	Upper
165	100		
63	44.3	35.0	52.4
89	70.7	56.7	85.1
182	2.8	2.3	3.5

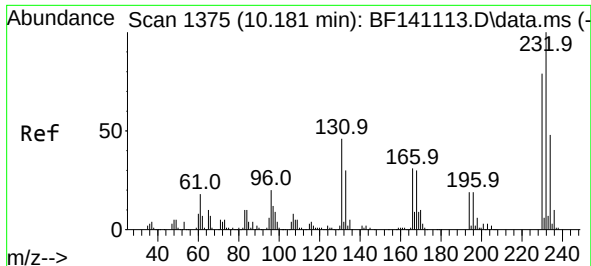


#58
Fluorene
Concen: 50.645 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:166 Resp: 991064

Ion	Ratio	Lower	Upper
166	100		
165	98.0	77.8	116.8
167	13.4	10.8	16.2

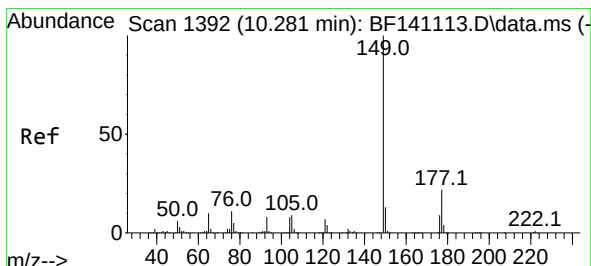
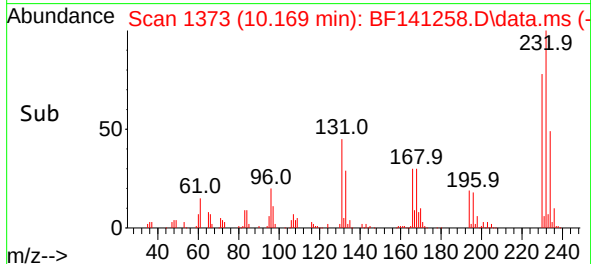
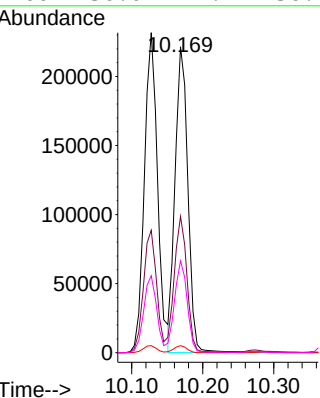
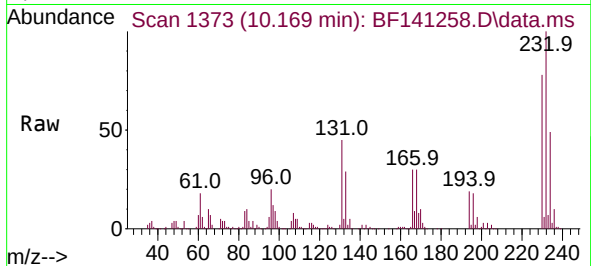




#59
2,3,4,6-Tetrachlorophenol
Concen: 52.955 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

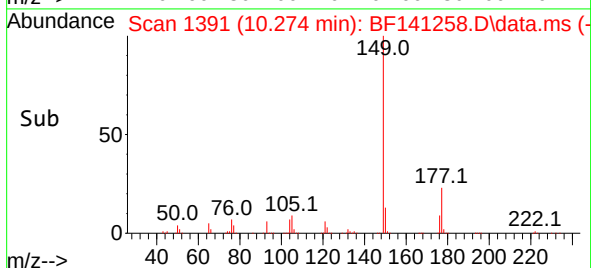
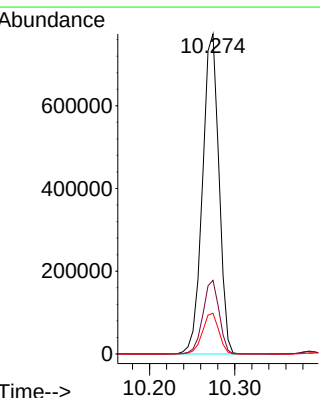
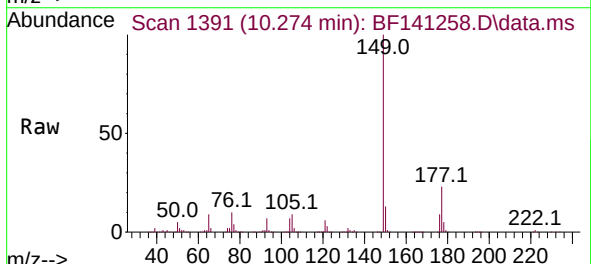
Instrument :
BNA_F
ClientSampleId :
PB166216BS

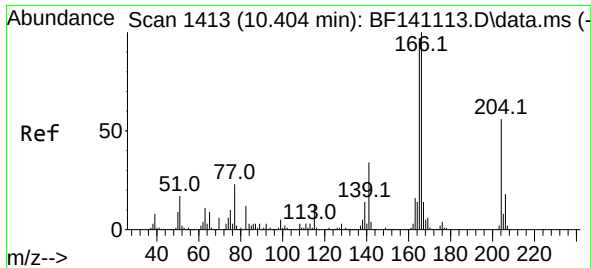
Tgt Ion:232 Resp: 276007
Ion Ratio Lower Upper
232 100
131 44.9 36.2 54.4
130 2.3 2.0 3.0
166 30.0 24.2 36.4



#60
Diethylphthalate
Concen: 51.681 ng
RT: 10.274 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:149 Resp: 1038876
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.7 10.2 15.2

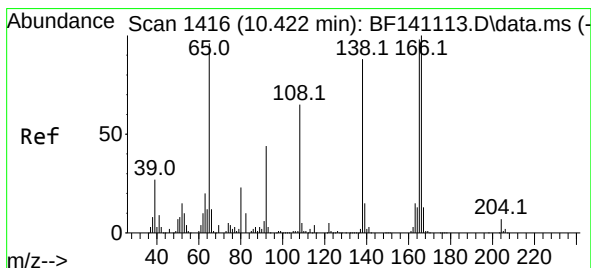
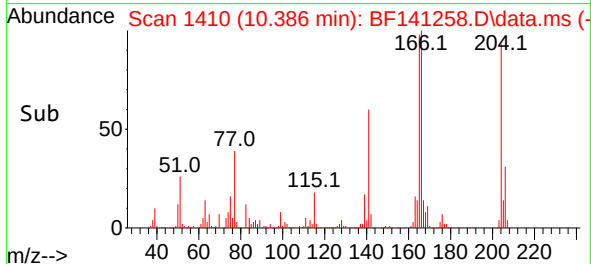
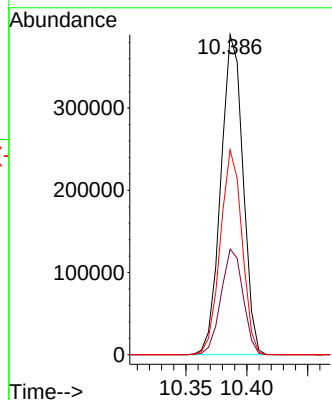
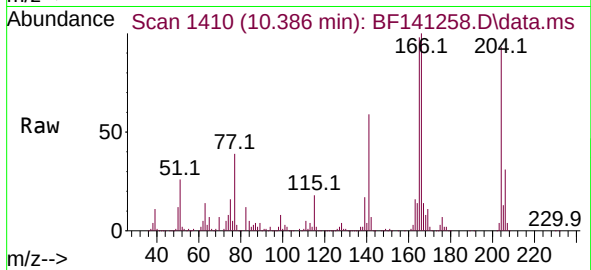




#61
4-Chlorophenyl-phenylether
Concen: 51.611 ng
RT: 10.386 min Scan# 1413
Delta R.T. -0.018 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

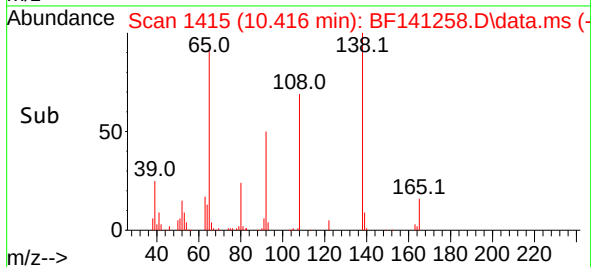
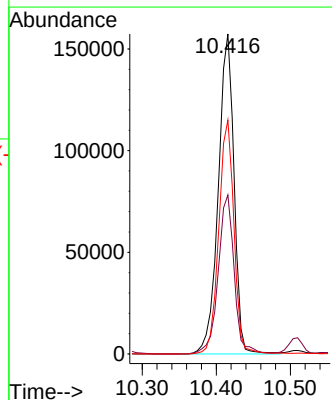
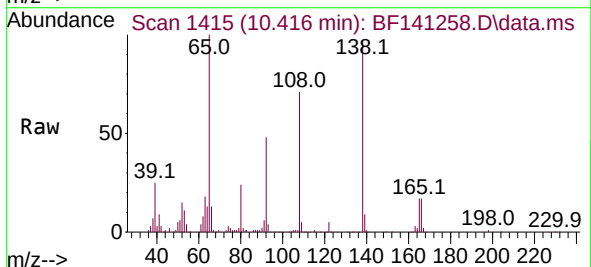
Instrument :
BNA_F
ClientSampleId :
PB166216BS

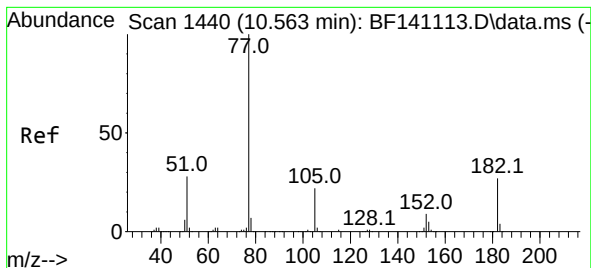
Tgt Ion:204 Resp: 492249
Ion Ratio Lower Upper
204 100
206 33.0 25.9 38.9
141 64.0 49.1 73.7



#62
4-Nitroaniline
Concen: 48.781 ng
RT: 10.416 min Scan# 1415
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:138 Resp: 232319
Ion Ratio Lower Upper
138 100
92 49.7 29.4 69.4
108 73.1 53.7 93.7





#63

Azobenzene

Concen: 50.814 ng

RT: 10.551 min Scan# 1440

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

Tgt Ion: 77 Resp: 1007904

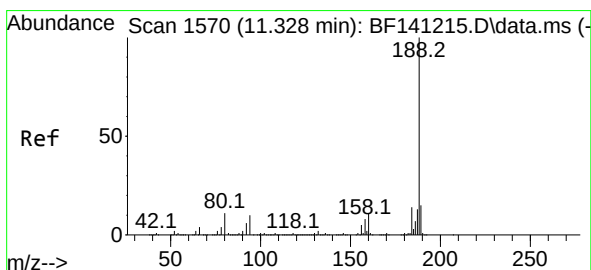
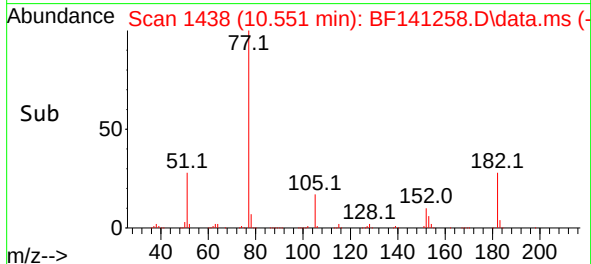
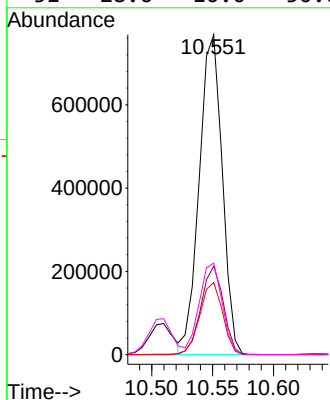
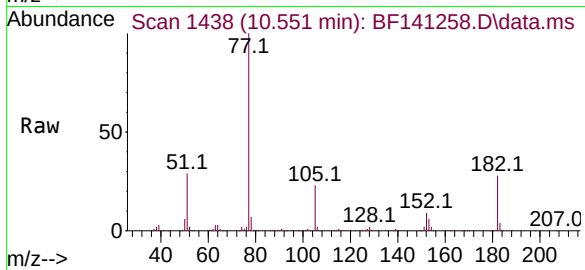
Ion Ratio Lower Upper

77 100

182 27.6 6.1 46.1

105 22.6 2.1 42.1

51 28.6 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.333 min Scan# 1571

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

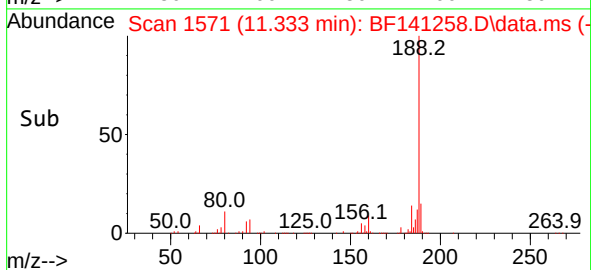
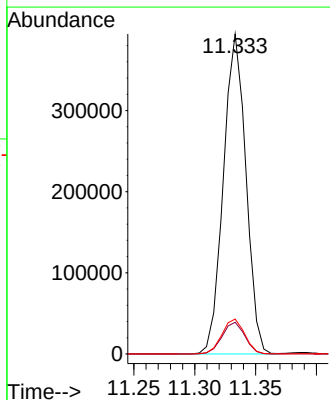
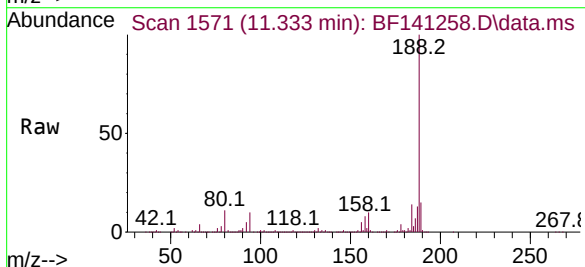
Tgt Ion:188 Resp: 508622

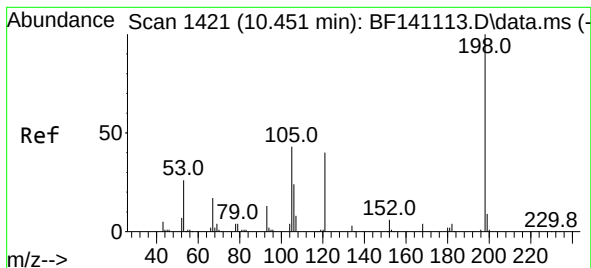
Ion Ratio Lower Upper

188 100

94 9.9 8.3 12.5

80 10.9 9.0 13.4

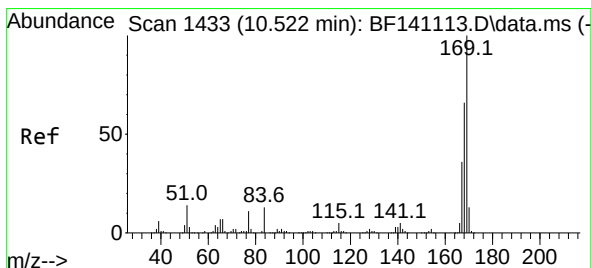
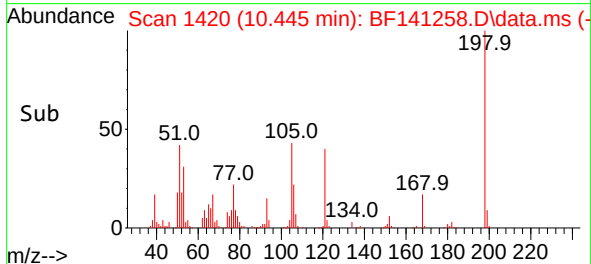
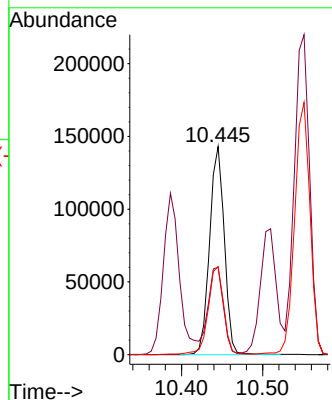
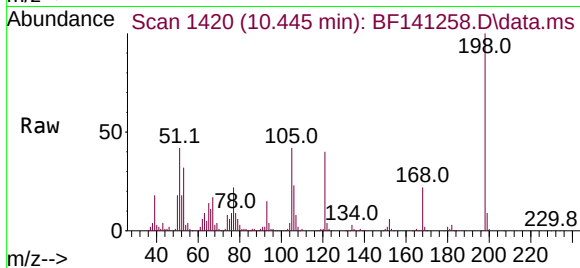




#65
4,6-Dinitro-2-methylphenol
Concen: 61.107 ng
RT: 10.445 min Scan# 1411
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

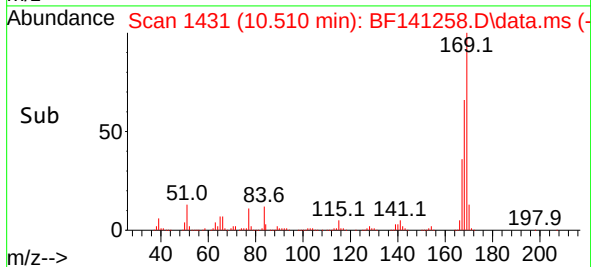
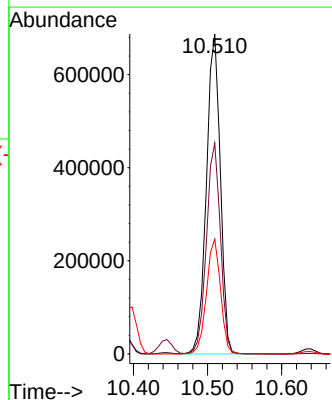
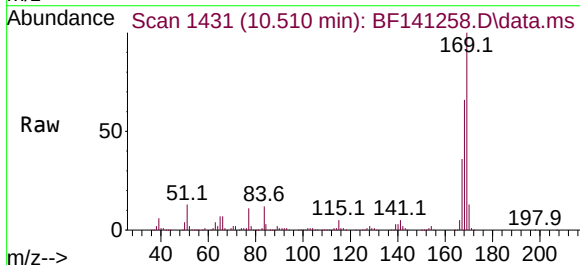
Instrument :
BNA_F
ClientSampleId :
PB166216BS

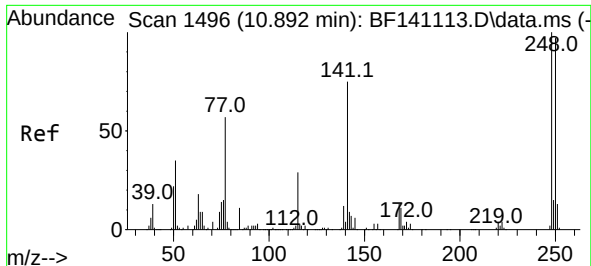
Tgt Ion:198 Resp: 180102
Ion Ratio Lower Upper
198 100
51 42.0 27.1 67.1
105 42.4 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 54.572 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:169 Resp: 895264
Ion Ratio Lower Upper
169 100
168 65.9 52.5 78.7
167 35.9 28.9 43.3

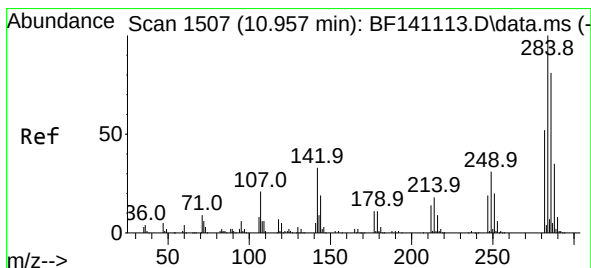
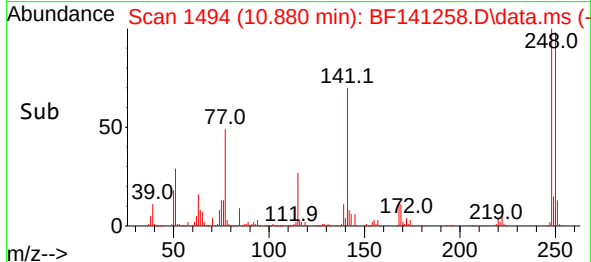
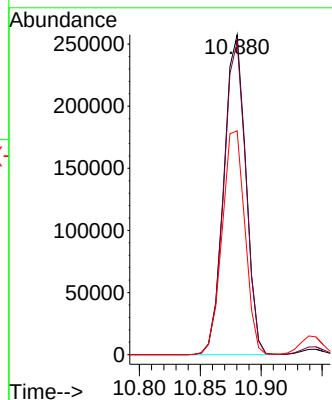
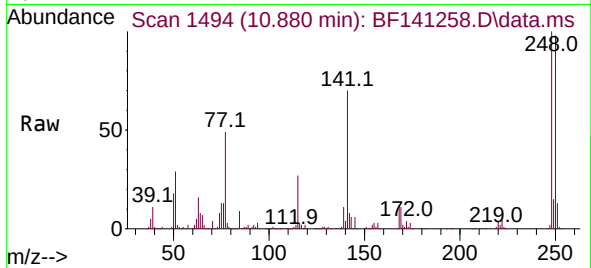




#67
4-Bromophenyl-phenylether
Concen: 55.264 ng
RT: 10.880 min Scan# 1494
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

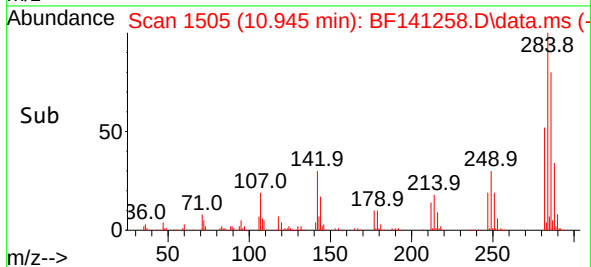
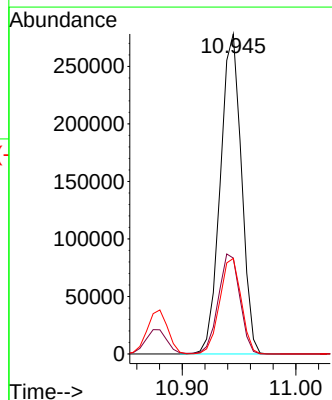
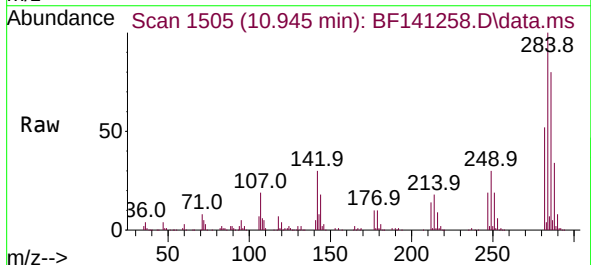
Instrument :
BNA_F
ClientSampleId :
PB166216BS

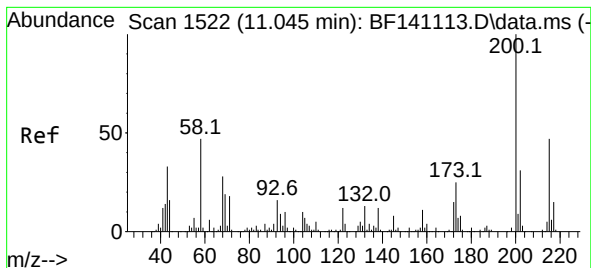
Tgt Ion:248 Resp: 323613
Ion Ratio Lower Upper
248 100
250 97.8 77.9 116.9
141 70.0 59.9 89.9



#68
Hexachlorobenzene
Concen: 55.186 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:284 Resp: 359733
Ion Ratio Lower Upper
284 100
142 30.0 26.3 39.5
249 29.9 24.9 37.3





#69

Atrazine

Concen: 68.629 ng

RT: 11.039 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

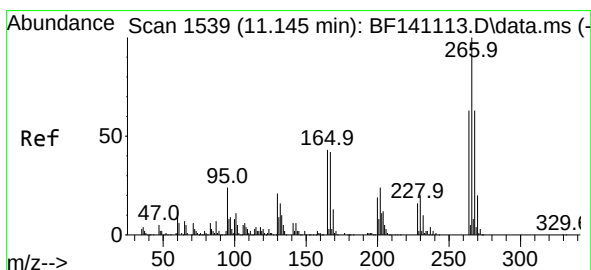
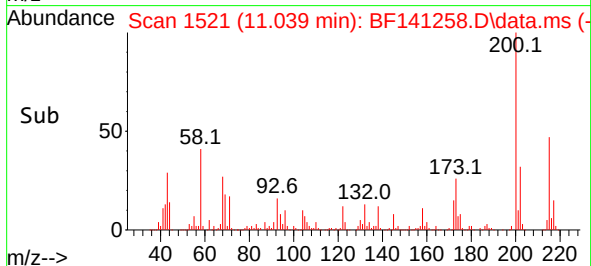
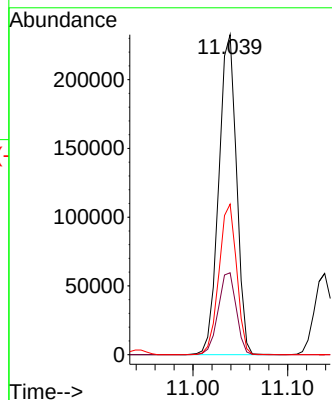
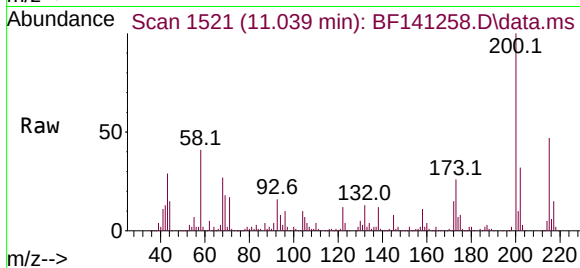
Tgt Ion:200 Resp: 303154

Ion Ratio Lower Upper

200 100

173 25.6 5.4 45.4

215 47.0 26.6 66.6



#70

Pentachlorophenol

Concen: 104.199 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

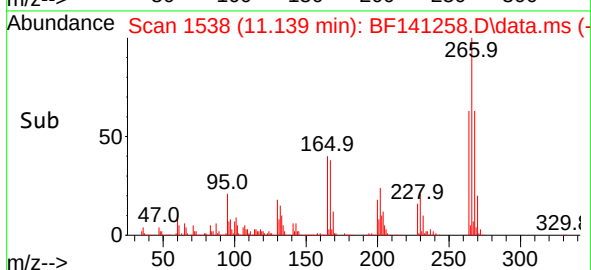
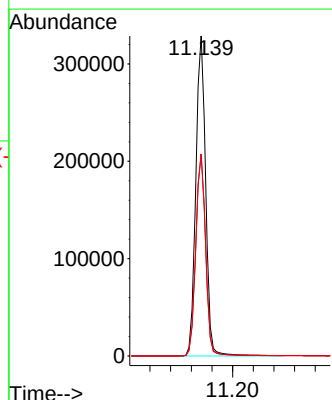
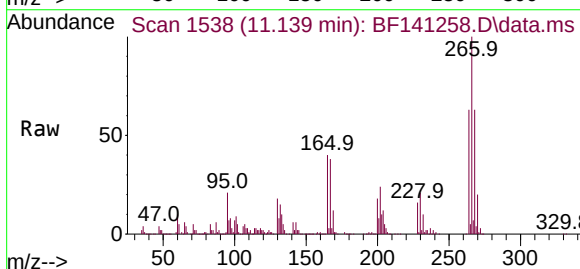
Tgt Ion:266 Resp: 434979

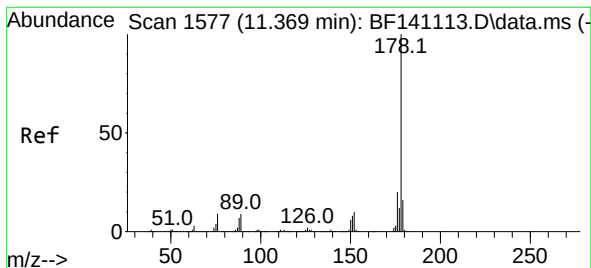
Ion Ratio Lower Upper

266 100

268 63.2 50.4 75.6

264 63.1 50.2 75.2





#71

Phenanthrene

Concen: 53.739 ng

RT: 11.357 min Scan# 1575

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

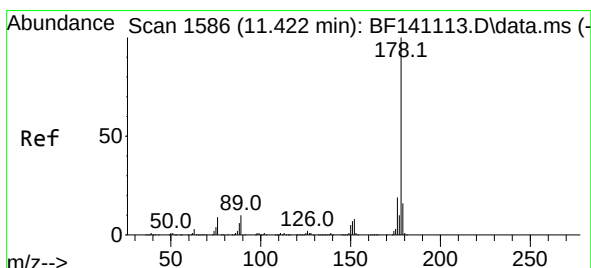
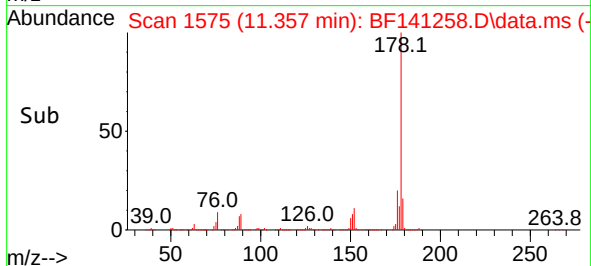
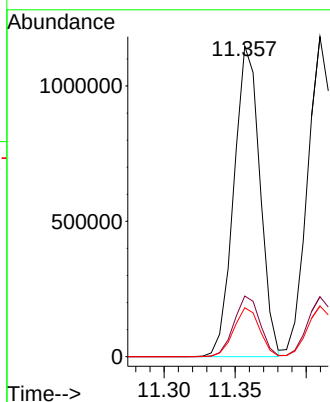
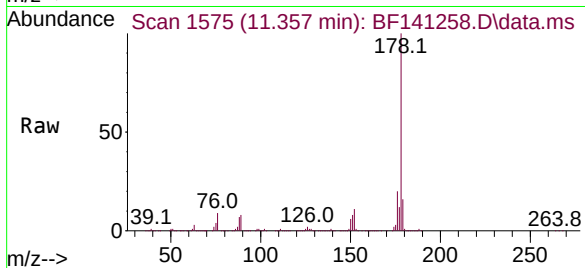
Tgt Ion:178 Resp: 1467412

Ion Ratio Lower Upper

178 100

176 19.5 15.7 23.5

179 15.7 12.6 19.0



#72

Anthracene

Concen: 56.651 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

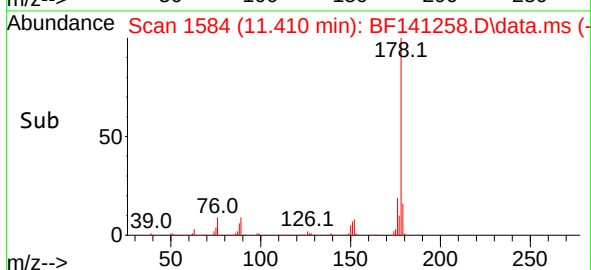
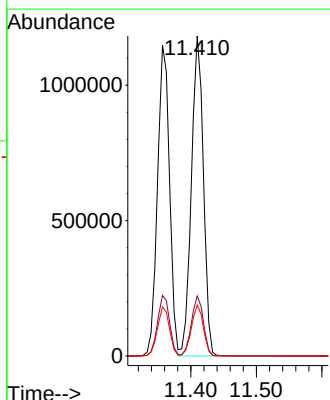
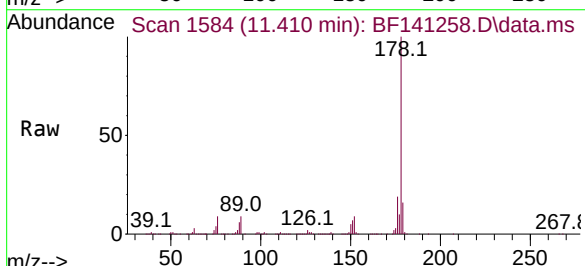
Tgt Ion:178 Resp: 1504155

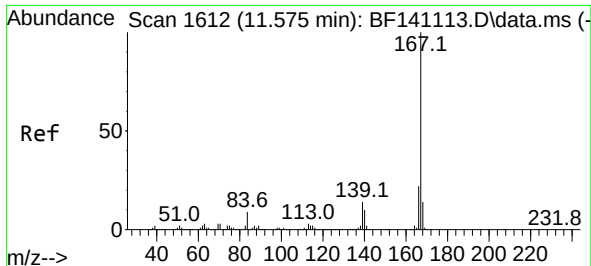
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.9 12.6 19.0

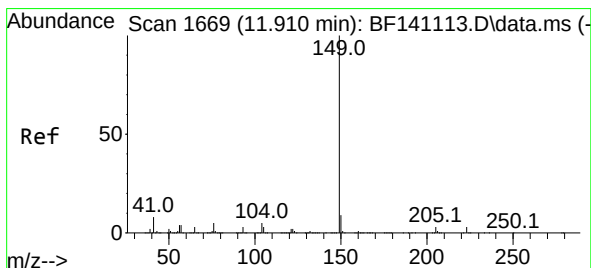
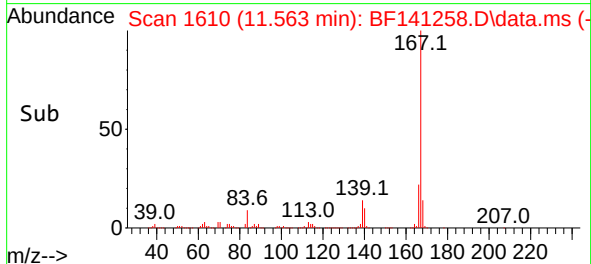
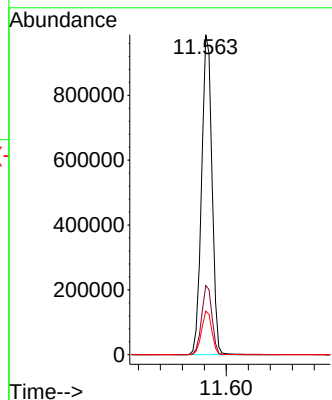
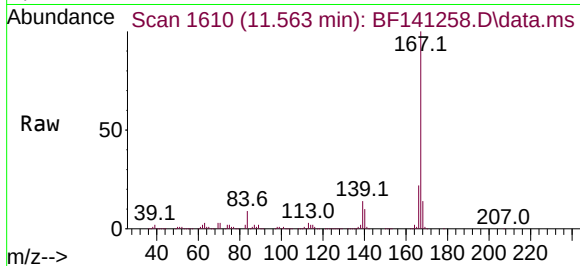




#73
 Carbazole
 Concen: 53.416 ng
 RT: 11.563 min Scan# 1610
 Delta R.T. -0.012 min
 Lab File: BF141258.D
 Acq: 24 Jan 2025 13:09

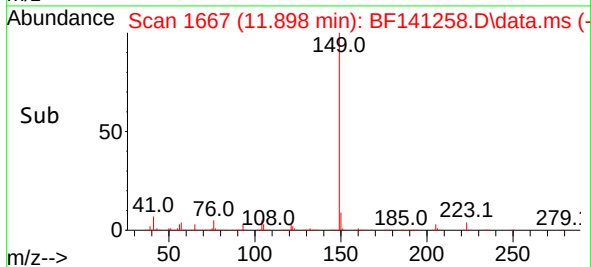
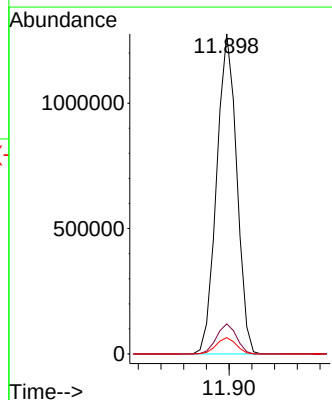
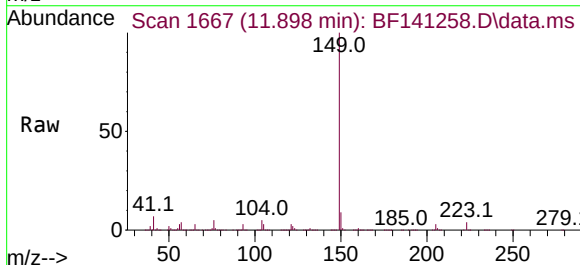
Instrument :
 BNA_F
 ClientSampleId :
 PB166216BS

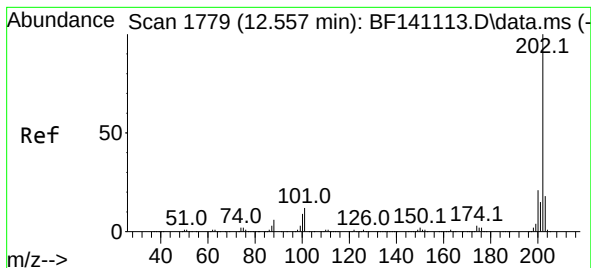
Tgt Ion:167 Resp: 1300460
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.4 26.2
 139 13.6 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 56.343 ng
 RT: 11.898 min Scan# 1667
 Delta R.T. -0.012 min
 Lab File: BF141258.D
 Acq: 24 Jan 2025 13:09

Tgt Ion:149 Resp: 1569825
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 5.1 4.2 6.2

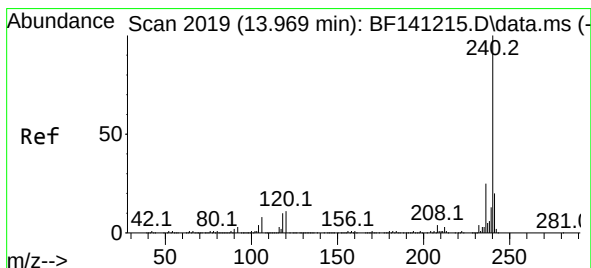
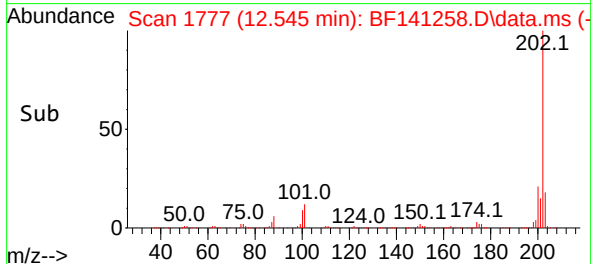
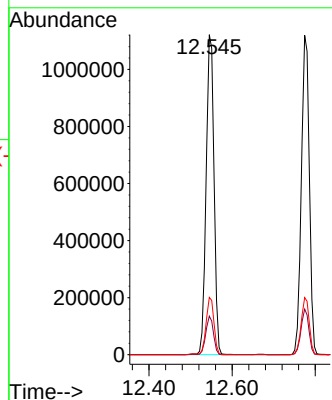
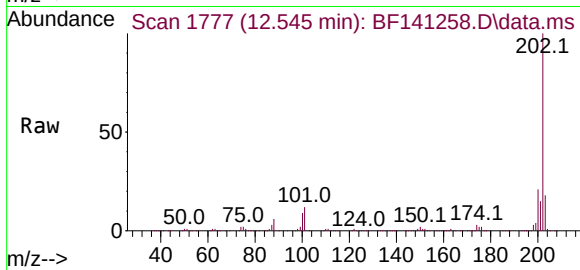




#75
Fluoranthene
Concen: 54.152 ng
RT: 12.545 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

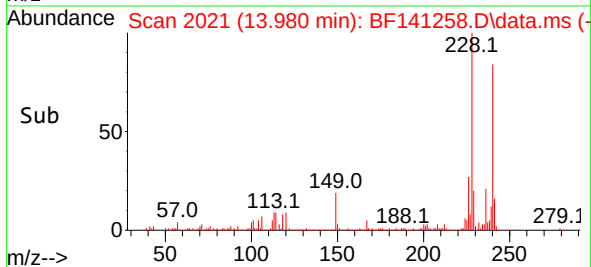
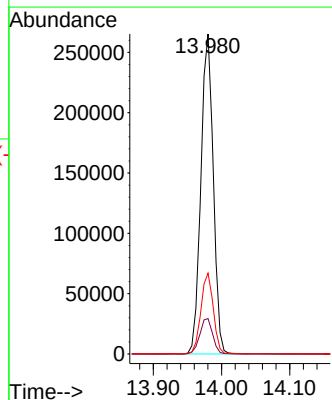
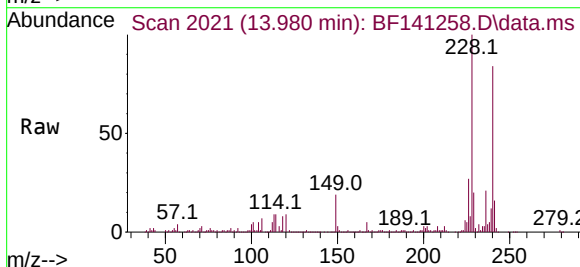
Instrument :
BNA_F
ClientSampleId :
PB166216BS

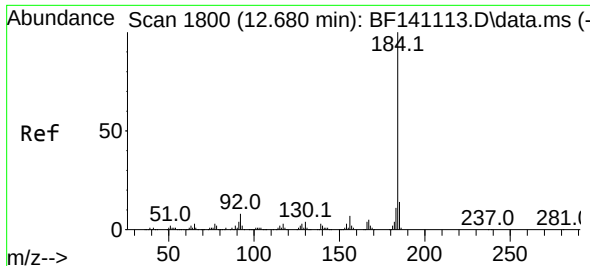
Tgt Ion:202 Resp: 1475583
Ion Ratio Lower Upper
202 100
101 12.0 0.0 32.3
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.980 min Scan# 2021
Delta R.T. -0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:240 Resp: 335015
Ion Ratio Lower Upper
240 100
120 11.1 9.1 13.7
236 25.3 19.8 29.6

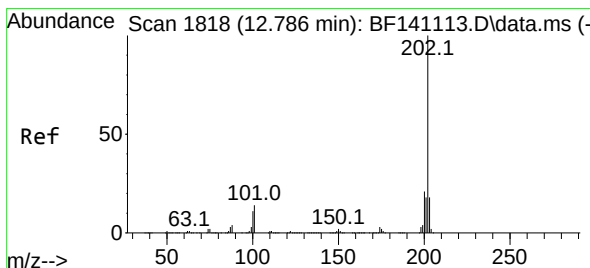
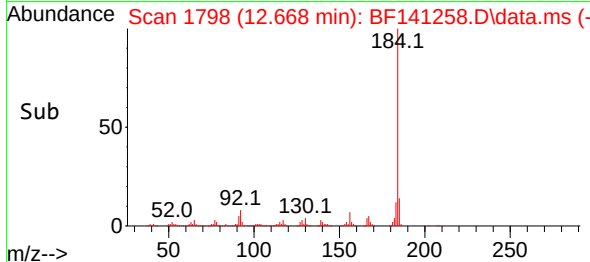
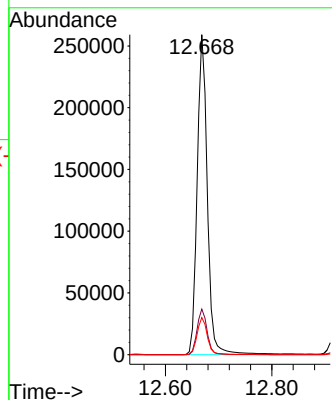
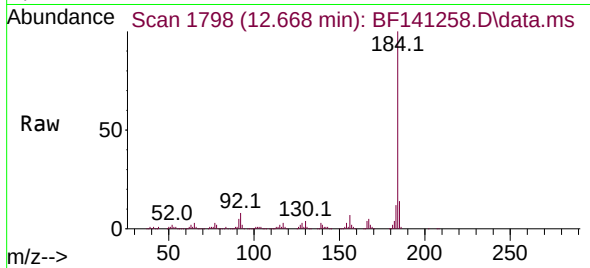




#77
Benzidine
Concen: 55.412 ng
RT: 12.668 min Scan# 1798
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

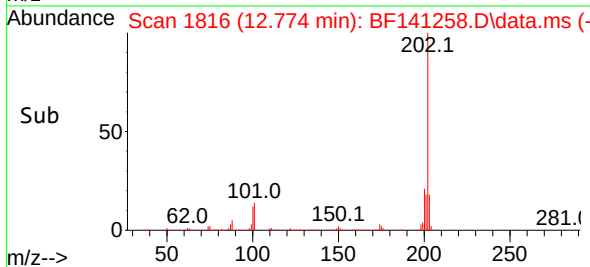
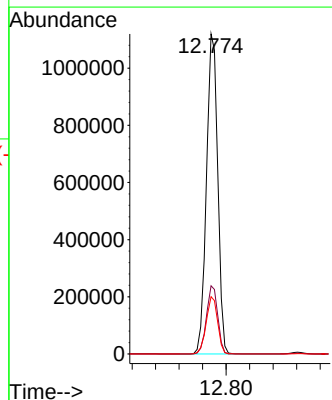
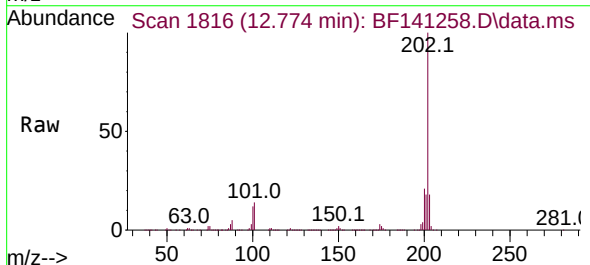
Instrument :
BNA_F
ClientSampleId :
PB166216BS

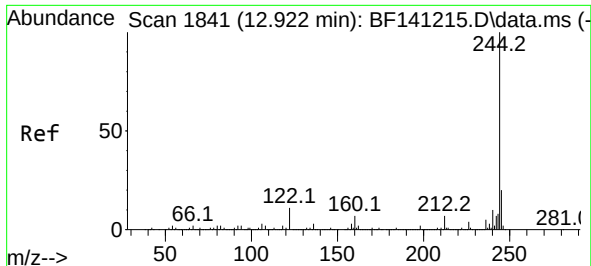
Tgt Ion:184 Resp: 344257
Ion Ratio Lower Upper
184 100
185 14.3 11.4 17.0
183 11.6 9.2 13.8



#78
Pyrene
Concen: 46.632 ng
RT: 12.774 min Scan# 1816
Delta R.T. -0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:202 Resp: 1492131
Ion Ratio Lower Upper
202 100
200 21.3 16.8 25.2
203 17.9 14.3 21.5

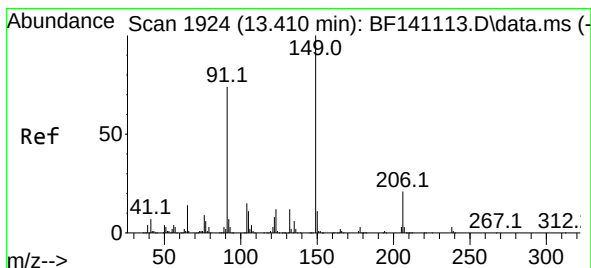
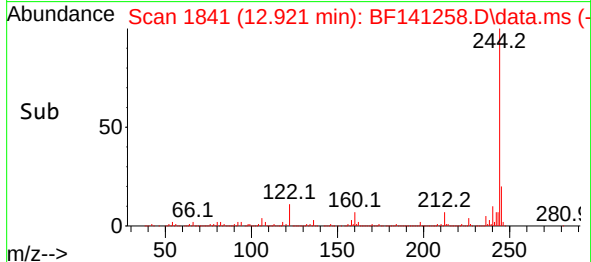
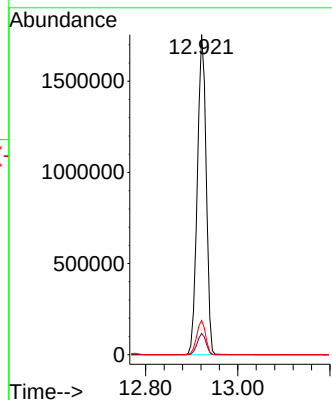
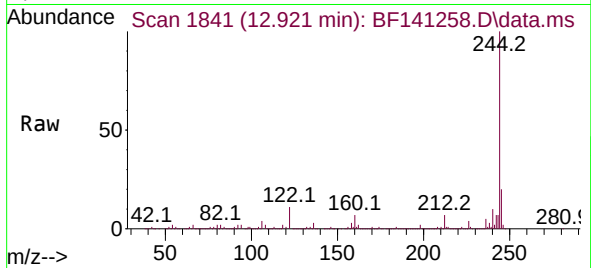




#79
 Terphenyl-d14
 Concen: 103.344 ng
 RT: 12.921 min Scan# 1841
 Delta R.T. -0.012 min
 Lab File: BF141258.D
 Acq: 24 Jan 2025 13:09

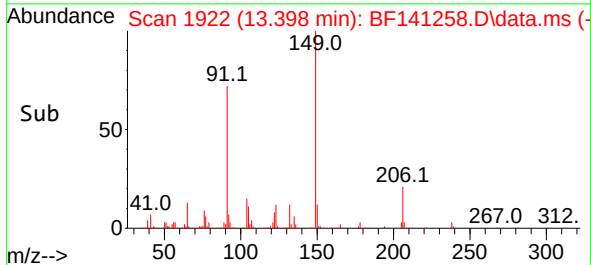
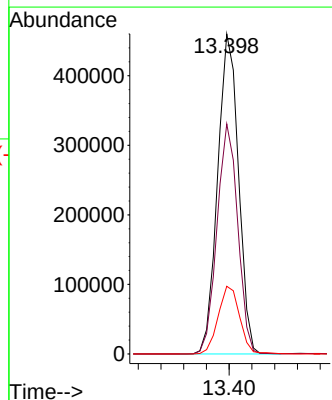
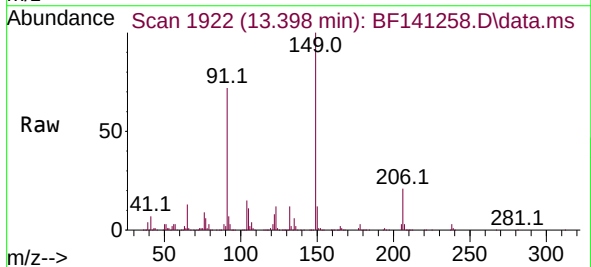
Instrument :
 BNA_F
 ClientSampleId :
 PB166216BS

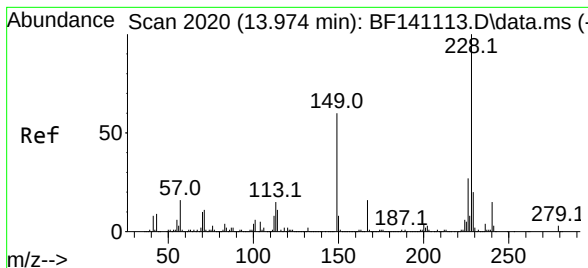
Tgt Ion:244 Resp: 2329387
 Ion Ratio Lower Upper
 244 100
 212 6.6 5.4 8.2
 122 10.7 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 55.039 ng
 RT: 13.398 min Scan# 1922
 Delta R.T. -0.012 min
 Lab File: BF141258.D
 Acq: 24 Jan 2025 13:09

Tgt Ion:149 Resp: 587184
 Ion Ratio Lower Upper
 149 100
 91 71.9 59.0 88.6
 206 21.2 16.5 24.7





#81

Benzo(a)anthracene

Concen: 50.588 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

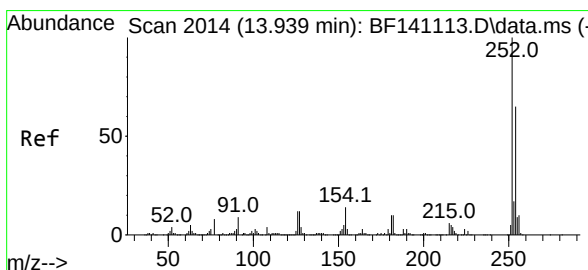
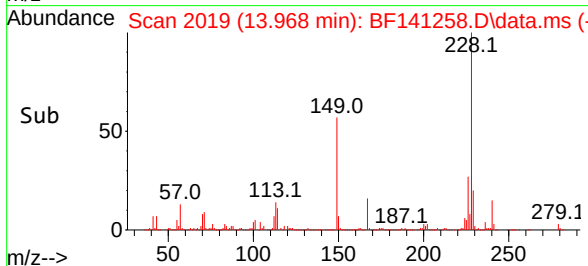
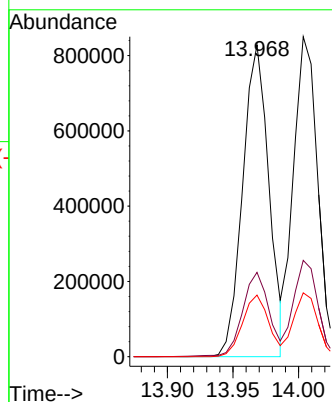
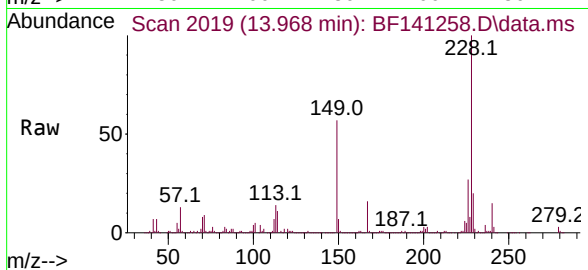
Tgt Ion:228 Resp: 1153399

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 19.8 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 32.499 ng

RT: 13.933 min Scan# 2013

Delta R.T. -0.006 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

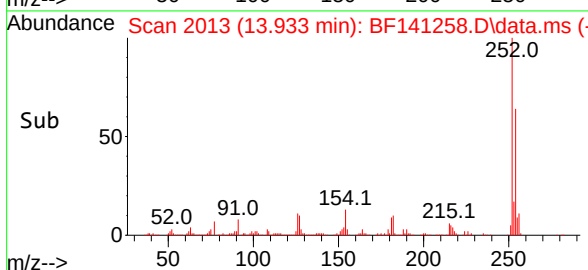
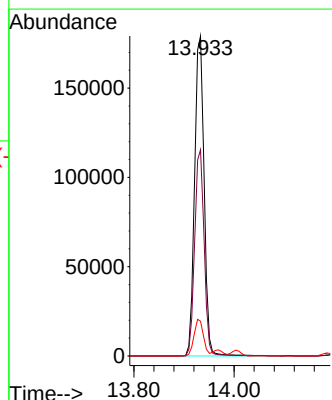
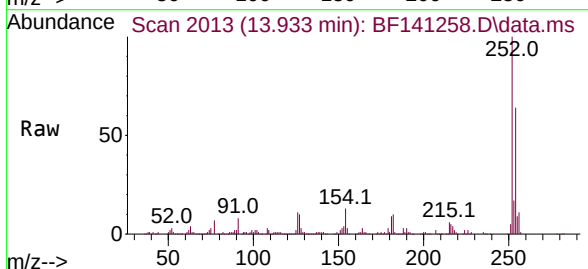
Tgt Ion:252 Resp: 235938

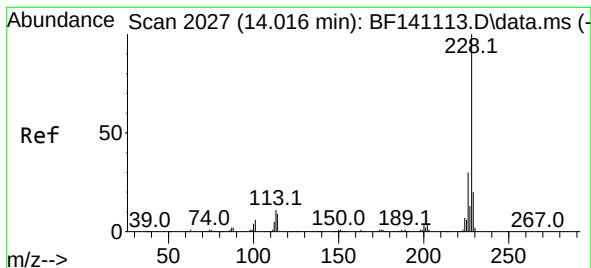
Ion Ratio Lower Upper

252 100

254 64.5 52.0 78.0

126 10.8 9.4 14.0





#83

Chrysene

Concen: 50.860 ng

RT: 14.004 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

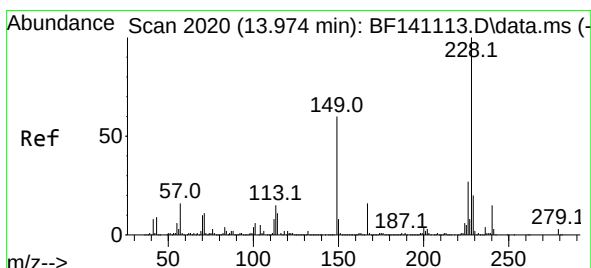
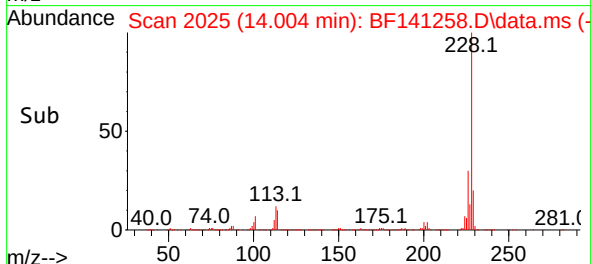
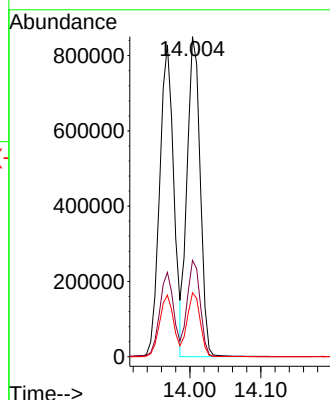
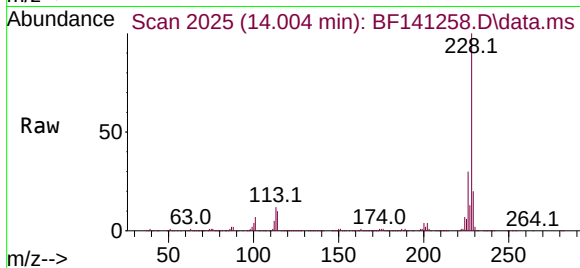
Tgt Ion:228 Resp: 1085025

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.097 ng

RT: 13.962 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

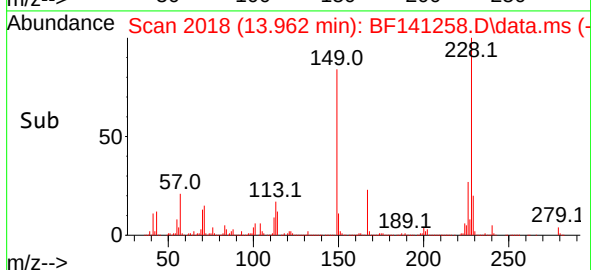
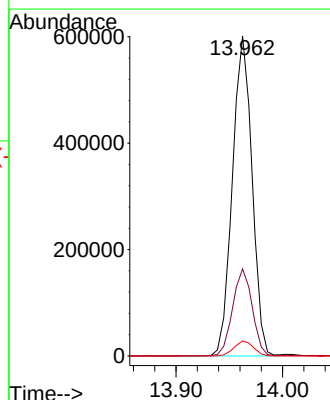
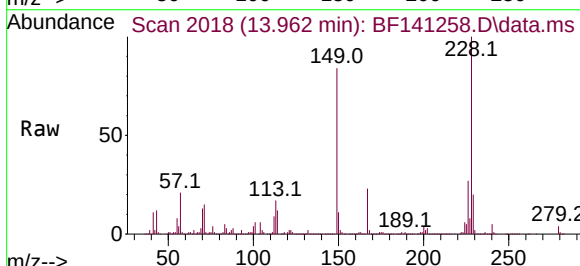
Tgt Ion:149 Resp: 769283

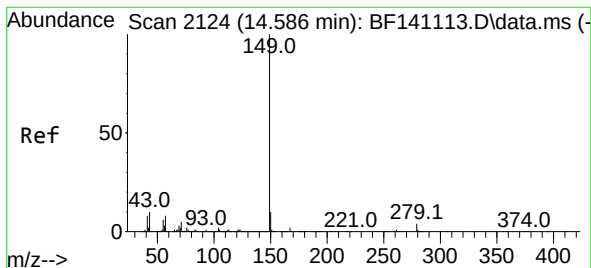
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.7 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 67.547 ng

RT: 14.592 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

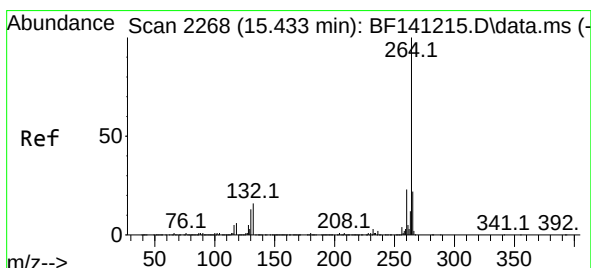
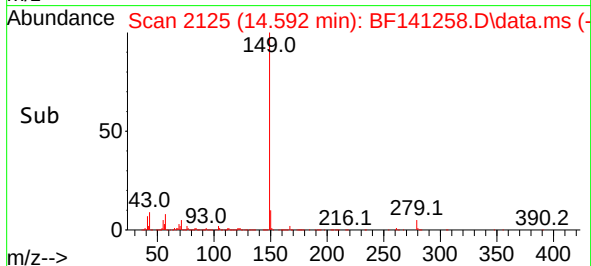
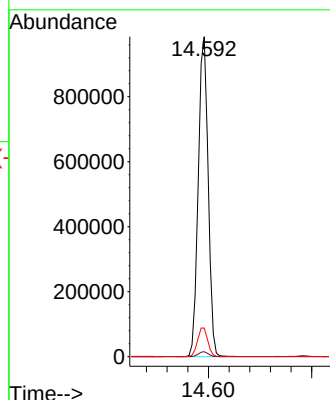
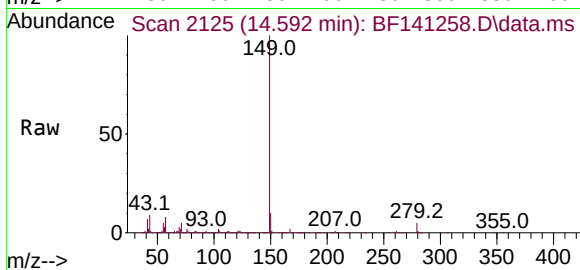
Tgt Ion:149 Resp: 1305675

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.2 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: BF141258.D

Acq: 24 Jan 2025 13:09

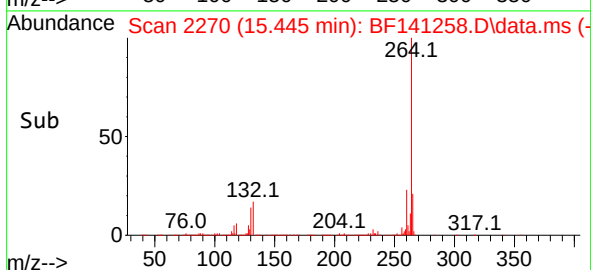
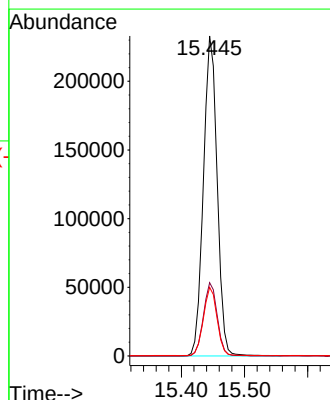
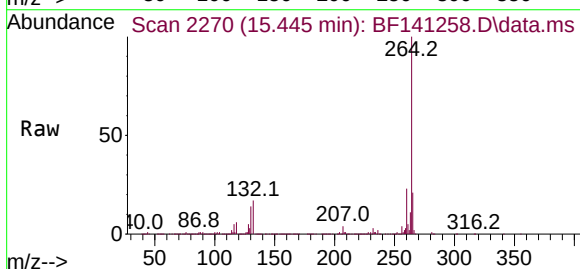
Tgt Ion:264 Resp: 352965

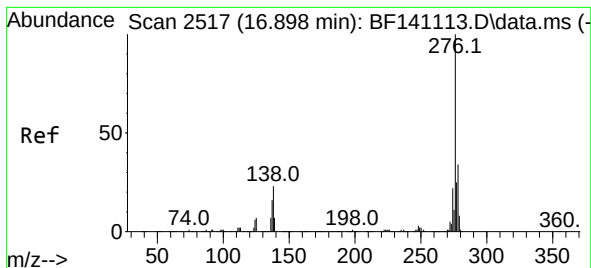
Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.5 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.213 ng

RT: 16.909 min Scan# 2199

Delta R.T. 0.012 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

Instrument :

BNA_F

ClientSampleId :

PB166216BS

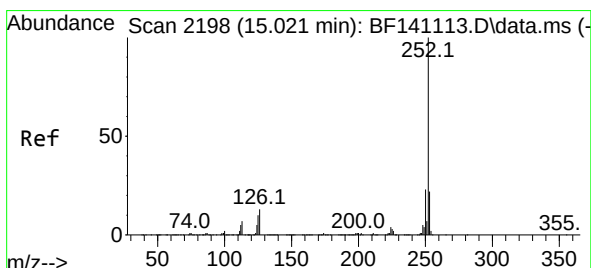
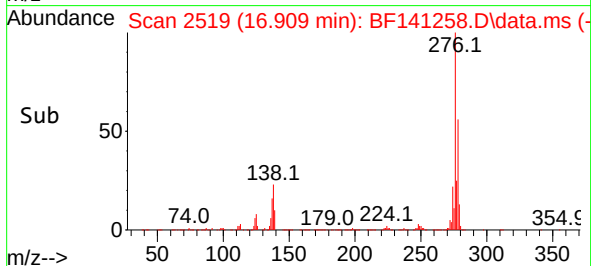
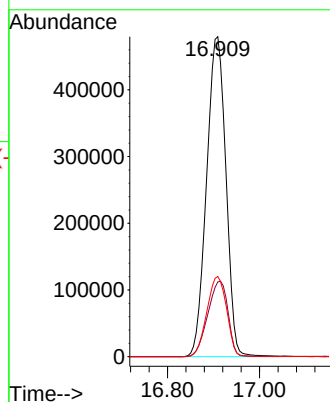
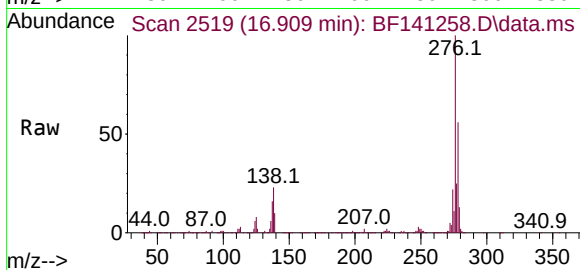
Tgt Ion:276 Resp: 1401905

Ion Ratio Lower Upper

276 100

138 24.7 20.7 31.1

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 50.736 ng

RT: 15.027 min Scan# 2199

Delta R.T. 0.006 min

Lab File: BF141258.D

Acq: 24 Jan 2025 13:09

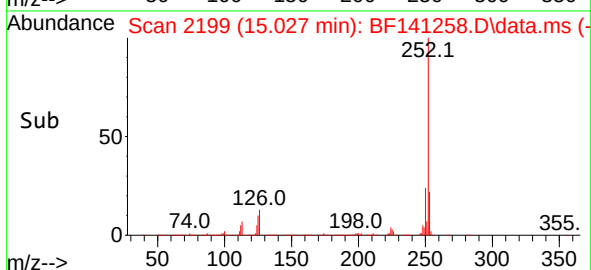
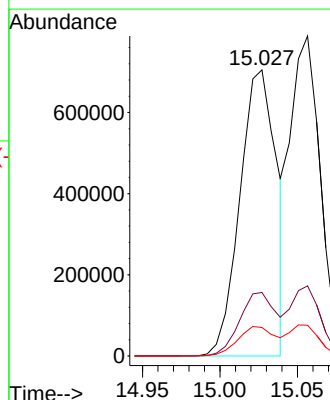
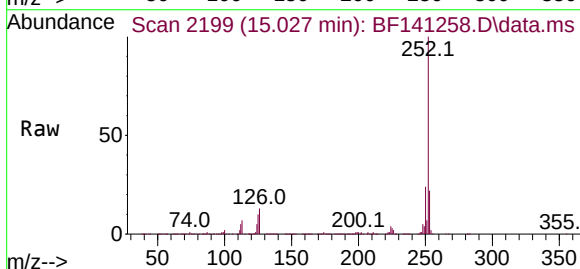
Tgt Ion:252 Resp: 1154776

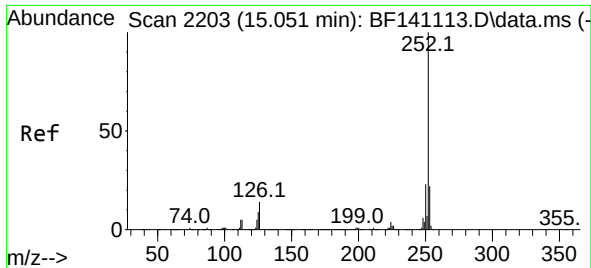
Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.6

125 9.9 8.1 12.1

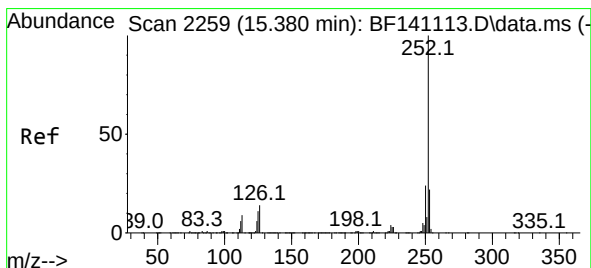
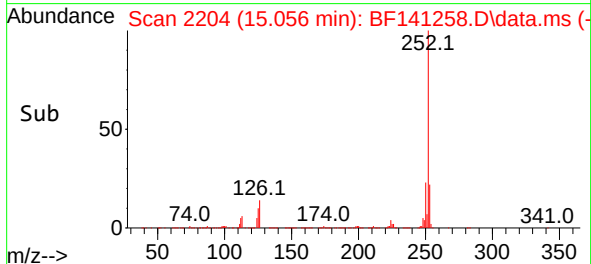
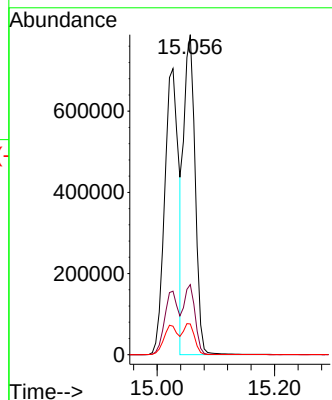
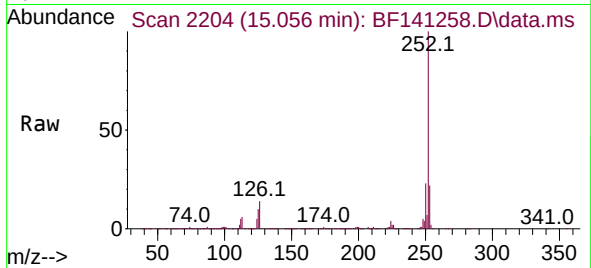




#89
Benzo(k)fluoranthene
Concen: 55.111 ng
RT: 15.056 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

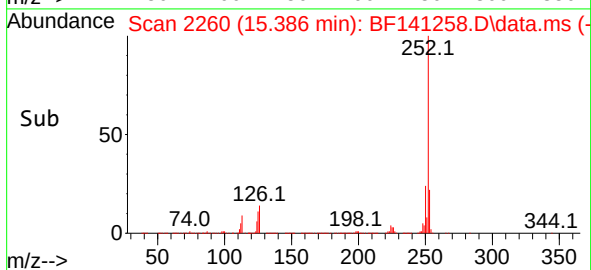
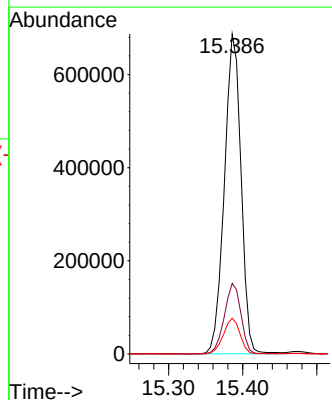
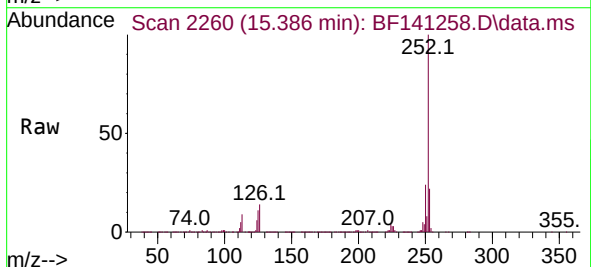
Instrument :
BNA_F
ClientSampleId :
PB166216BS

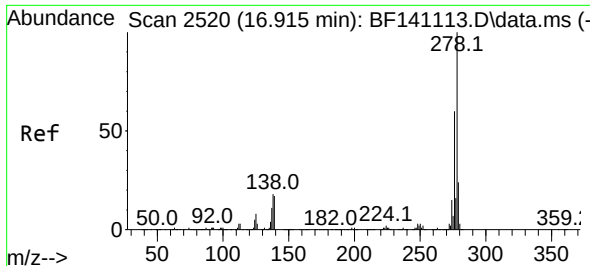
Tgt Ion:252 Resp: 1060026
Ion Ratio Lower Upper
252 100
253 21.9 17.8 26.8
125 9.6 7.9 11.9



#90
Benzo(a)pyrene
Concen: 57.016 ng
RT: 15.386 min Scan# 2260
Delta R.T. 0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:252 Resp: 1070677
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 11.2 9.1 13.7

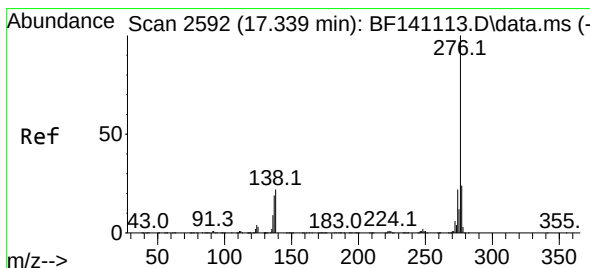
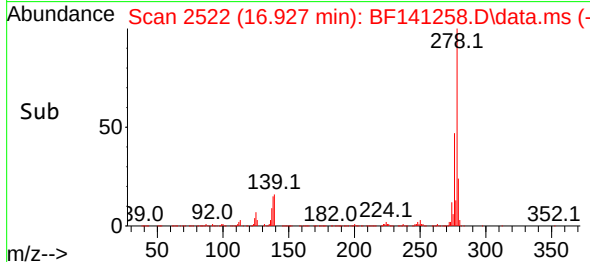
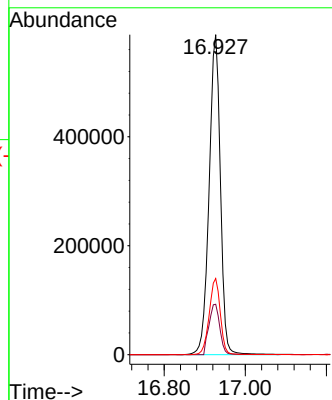
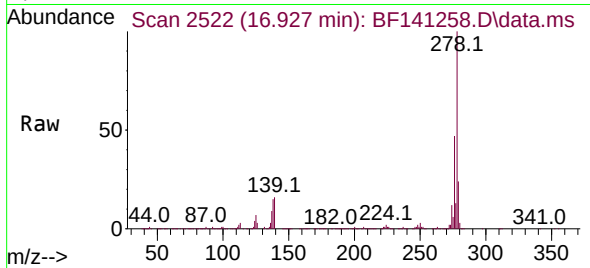




#91
Dibenzo(a,h)anthracene
Concen: 53.936 ng
RT: 16.927 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Instrument :
BNA_F
ClientSampleId :
PB166216BS

Tgt Ion:278 Resp: 1128075
Ion Ratio Lower Upper
278 100
139 15.7 13.8 20.6
279 23.8 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 48.835 ng
RT: 17.345 min Scan# 2593
Delta R.T. 0.006 min
Lab File: BF141258.D
Acq: 24 Jan 2025 13:09

Tgt Ion:276 Resp: 1062399
Ion Ratio Lower Upper
276 100
277 23.8 19.0 28.4
138 21.1 17.4 26.2

