

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012325\
 Data File : BF141248.D
 Acq On : 23 Jan 2025 14:25
 Operator : RC/JU
 Sample : PB166188BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166188BS

Quant Time: Jan 23 15:06:06 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	158236	20.000	ng	-0.02
21) Naphthalene-d8	8.087	136	646513	20.000	ng	-0.02
39) Acenaphthene-d10	9.845	164	362430	20.000	ng	-0.02
64) Phenanthrene-d10	11.333	188	626834	20.000	ng	-0.01
76) Chrysene-d12	13.992	240	402382	20.000	ng	0.00
86) Perylene-d12	15.469	264	345730	20.000	ng	0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	1399407	136.619	ng	0.00
7) Phenol-d6	6.440	99	1785268	137.592	ng	0.00
23) Nitrobenzene-d5	7.369	82	1143319	93.742	ng	-0.02
42) 2,4,6-Tribromophenol	10.639	330	666570	161.411	ng	-0.01
45) 2-Fluorobiphenyl	9.169	172	2224922	93.744	ng	-0.01
79) Terphenyl-d14	12.927	244	2637294	97.415	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.605	88	178723	39.181	ng	98
3) Pyridine	3.340	79	469727	41.993	ng	97
4) n-Nitrosodimethylamine	3.293	42	252747	46.212	ng	95
6) Aniline	6.469	93	454217	39.429	ng	# 89
8) 2-Chlorophenol	6.587	128	583687	53.113	ng	98
9) Benzaldehyde	6.351	77	60564	7.925	ng	96
10) Phenol	6.451	94	689893	49.671	ng	91
11) bis(2-Chloroethyl)ether	6.540	93	517521	49.997	ng	97
12) 1,3-Dichlorobenzene	6.746	146	579422	47.273	ng	99
13) 1,4-Dichlorobenzene	6.822	146	589607	47.736	ng	100
14) 1,2-Dichlorobenzene	6.975	146	569737	49.451	ng	97
15) Benzyl Alcohol	6.946	79	503880	53.774	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.081	45	696252	48.203	ng	94
17) 2-Methylphenol	7.063	107	469773	52.948	ng	97
18) Hexachloroethane	7.316	117	216860	48.552	ng	98
19) n-Nitroso-di-n-propyla...	7.222	70	387993	50.763	ng	97
20) 3+4-Methylphenols	7.216	107	569736	50.899	ng	# 83
22) Acetophenone	7.216	105	743875	48.400	ng	96
24) Nitrobenzene	7.387	77	590129	46.426	ng	100
25) Isophorone	7.628	82	1079871	51.810	ng	99
26) 2-Nitrophenol	7.704	139	311780	53.921	ng	99
27) 2,4-Dimethylphenol	7.740	122	475587	60.978	ng	99
28) bis(2-Chloroethoxy)met...	7.840	93	659018	50.381	ng	99
29) 2,4-Dichlorophenol	7.945	162	490622	52.966	ng	100
30) 1,2,4-Trichlorobenzene	8.028	180	496016	46.847	ng	99
31) Naphthalene	8.110	128	1655728	48.563	ng	100
32) Benzoic acid	7.869	122	409797m	54.774	ng	
33) 4-Chloroaniline	8.157	127	210159	17.824	ng	99
34) Hexachlorobutadiene	8.228	225	306513	48.044	ng	99
35) Caprolactam	8.534	113	162183m	53.479	ng	
36) 4-Chloro-3-methylphenol	8.645	107	546233	53.920	ng	99
37) 2-Methylnaphthalene	8.804	142	1109589	51.072	ng	100
38) 1-Methylnaphthalene	8.904	142	1038342	48.494	ng	100
40) 1,2,4,5-Tetrachloroben...	8.969	216	508266	48.860	ng	98
41) Hexachlorocyclopentadiene	8.957	237	622458	182.897	ng	99
43) 2,4,6-Trichlorophenol	9.081	196	370630	52.828	ng	99

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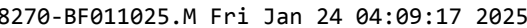
Instrument :
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Quant Time: Jan 23 15:06:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.128	196	375277	50.648	ng	99
46) 1,1'-Biphenyl	9.269	154	1369531	48.658	ng	99
47) 2-Chloronaphthalene	9.292	162	1039608	47.422	ng	100
48) 2-Nitroaniline	9.387	65	332100	51.104	ng	99
49) Acenaphthylene	9.710	152	1639752	52.354	ng	99
50) Dimethylphthalate	9.575	163	1275182	52.409	ng	100
51) 2,6-Dinitrotoluene	9.634	165	286055	50.556	ng	99
52) Acenaphthene	9.881	154	1224161	55.943	ng	99
53) 3-Nitroaniline	9.798	138	162275	28.222	ng	97
54) 2,4-Dinitrophenol	9.910	184	332264	123.544	ng	96
55) Dibenzofuran	10.057	168	1506836	50.626	ng	100
56) 4-Nitrophenol	9.969	139	488072	108.385	ng	99
57) 2,4-Dinitrotoluene	10.039	165	391191	53.648	ng	99
58) Fluorene	10.398	166	1154604	49.932	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.175	232	340497	55.285	ng	98
60) Diethylphthalate	10.275	149	1219640	51.346	ng	99
61) 4-Chlorophenyl-phenyle...	10.392	204	576360	51.140	ng	99
62) 4-Nitroaniline	10.422	138	286431	50.897	ng	100
63) Azobenzene	10.551	77	1172929	50.043	ng	99
65) 4,6-Dinitro-2-methylph...	10.451	198	223475	61.524	ng	93
66) n-Nitrosodiphenylamine	10.510	169	1055164	52.189	ng	99
67) 4-Bromophenyl-phenylether	10.881	248	384596	53.292	ng	98
68) Hexachlorobenzene	10.945	284	428911	53.390	ng	98
69) Atrazine	11.039	200	365243	67.092	ng	99
70) Pentachlorophenol	11.139	266	526852	102.406	ng	100
71) Phenanthrene	11.363	178	1762159	52.363	ng	100
72) Anthracene	11.416	178	1773743	54.206	ng	99
73) Carbazole	11.569	167	1556935	51.891	ng	100
74) Di-n-butylphthalate	11.898	149	1846109	53.764	ng	100
75) Fluoranthene	12.551	202	1818163	54.141	ng	99
77) Benzidine	12.669	184	438919	58.821	ng	99
78) Pyrene	12.780	202	1848439	48.095	ng	100
80) Butylbenzylphthalate	13.404	149	738737	57.652	ng	96
81) Benzo(a)anthracene	13.980	228	1383972	50.539	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	253549	29.078	ng	99
83) Chrysene	14.016	228	1278485	49.895	ng	100
84) Bis(2-ethylhexyl)phtha...	13.974	149	945873	61.522	ng	99
85) Di-n-octyl phthalate	14.610	149	1460558	62.910	ng	97
87) Indeno(1,2,3-cd)pyrene	16.933	276	1247303	49.244	ng	98
88) Benzo(b)fluoranthene	15.051	252	1148414	51.513	ng	100
89) Benzo(k)fluoranthene	15.080	252	1078245	57.231	ng	99
90) Benzo(a)pyrene	15.416	252	1030861	56.045	ng	99
91) Dibenzo(a,h)anthracene	16.951	278	1008039	49.205	ng	98
92) Benzo(g,h,i)perylene	17.374	276	943427	44.274	ng	99

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

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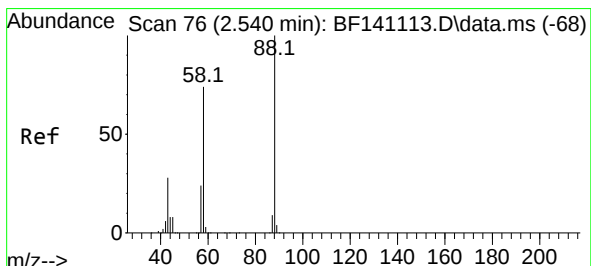
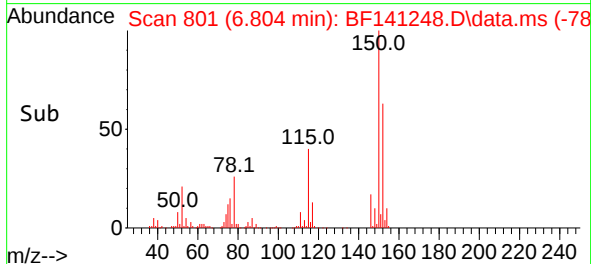
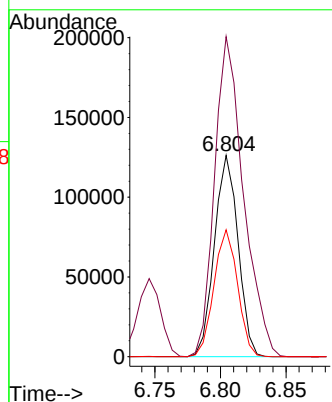
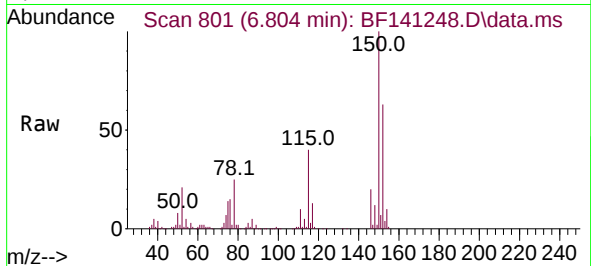




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.804 min Scan# 80
 Delta R.T. -0.018 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

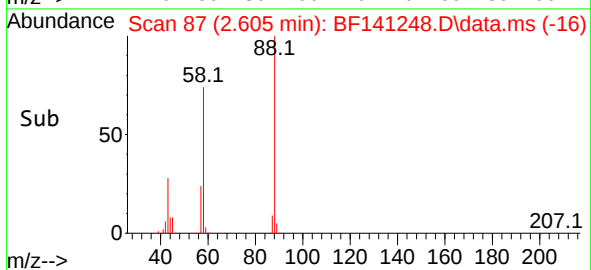
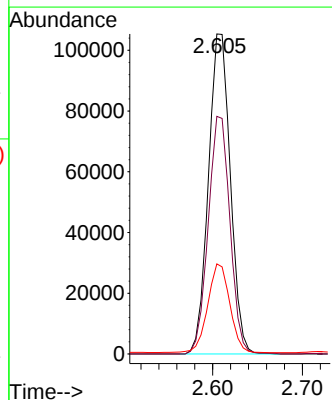
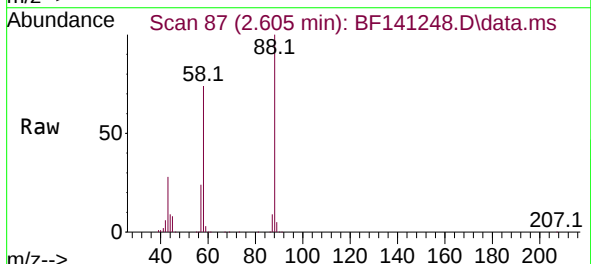
Instrument :
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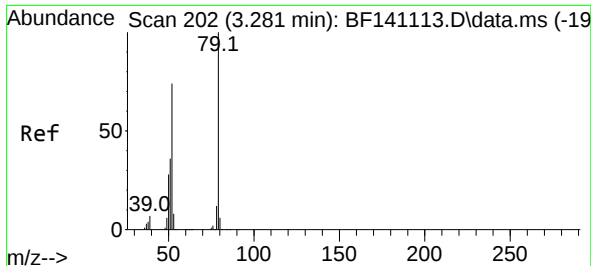
Tgt Ion:152 Resp: 158236
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.8 188.8
 115 63.0 51.4 77.2



#2
 1,4-Dioxane
 Concen: 39.181 ng
 RT: 2.605 min Scan# 87
 Delta R.T. 0.065 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

Tgt Ion: 88 Resp: 178723
 Ion Ratio Lower Upper
 88 100
 58 73.7 60.1 90.1
 43 28.1 23.1 34.7

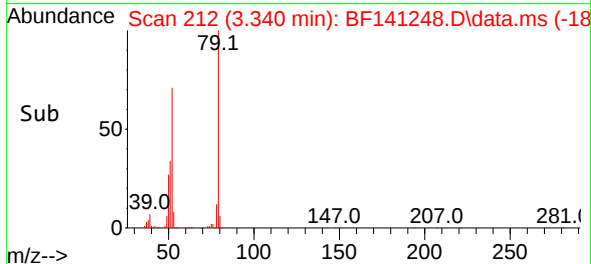
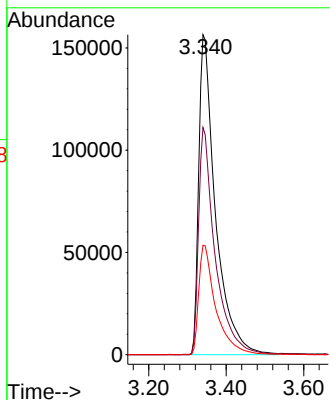
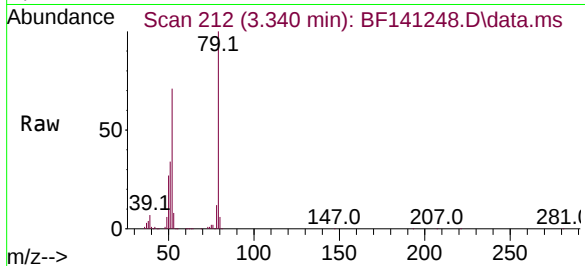




#3
 Pyridine
 Concen: 41.993 ng
 RT: 3.340 min Scan# 212
 Delta R.T. 0.059 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

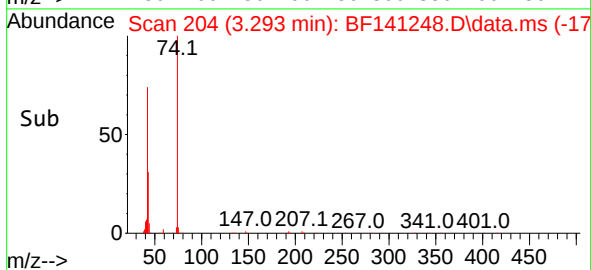
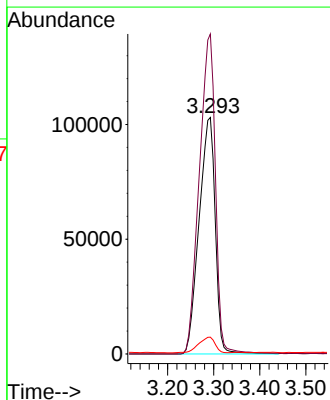
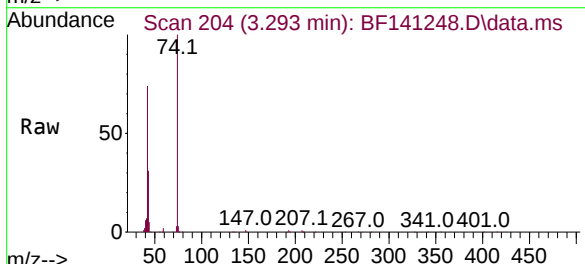
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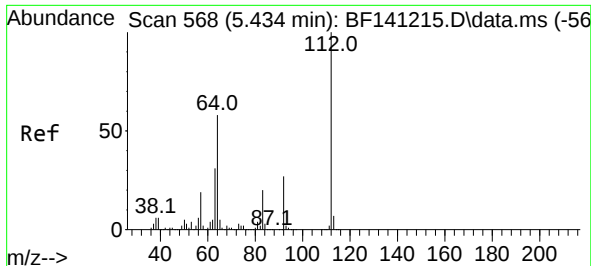
Tgt Ion: 79 Resp: 469727
 Ion Ratio Lower Upper
 79 100
 52 71.0 58.9 88.3
 51 34.2 29.1 43.7



#4
 n-Nitrosodimethylamine
 Concen: 46.212 ng
 RT: 3.293 min Scan# 204
 Delta R.T. 0.065 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

Tgt Ion: 42 Resp: 252747
 Ion Ratio Lower Upper
 42 100
 74 135.3 103.8 155.6
 44 7.1 5.3 7.9

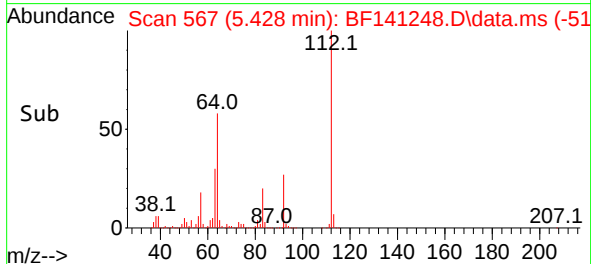
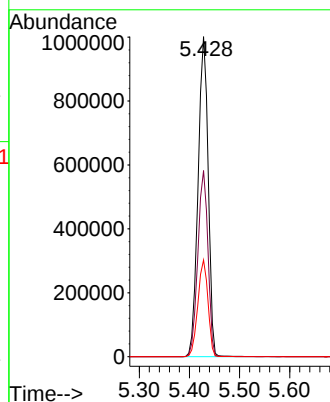
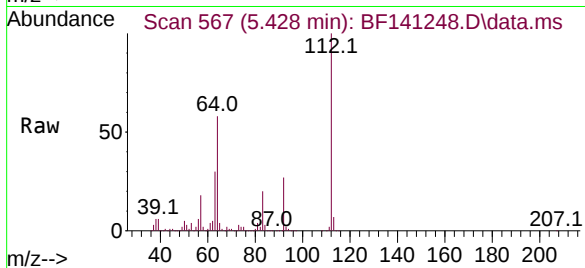




#5
2-Fluorophenol
Concen: 136.619 ng
RT: 5.428 min Scan# 50
Delta R.T. 0.000 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

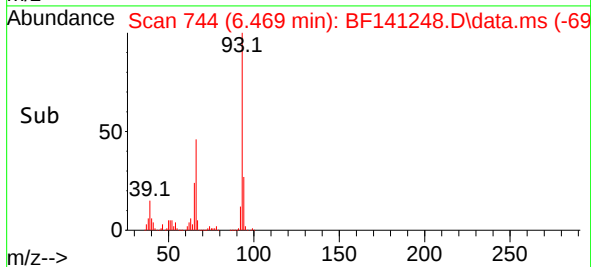
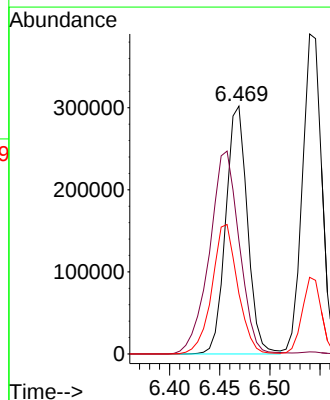
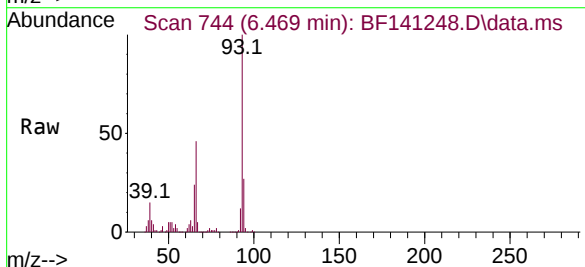
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion:112 Resp: 1399407
Ion Ratio Lower Upper
112 100
64 58.1 47.3 70.9
63 30.2 24.2 36.2



#6
Aniline
Concen: 39.429 ng
RT: 6.469 min Scan# 744
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion: 93 Resp: 454217
Ion Ratio Lower Upper
93 100
66 45.8 31.5 47.3
65 24.3 15.3 22.9#



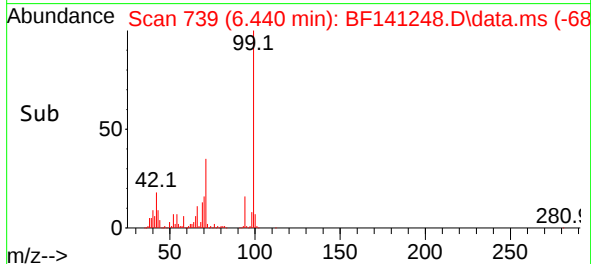
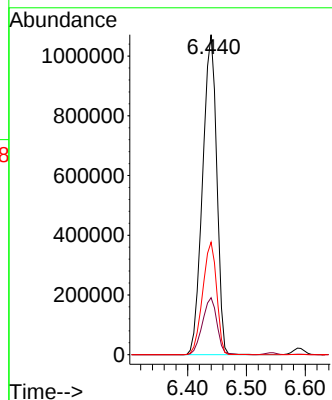
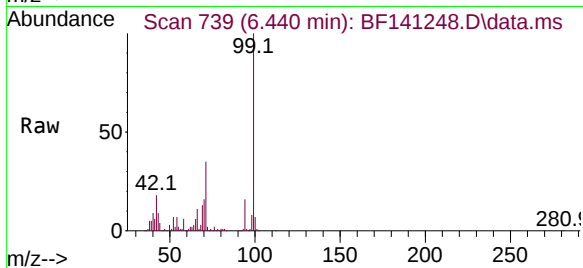


#7
Phenol-d6
Concen: 137.592 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 99 Resp: 1785268

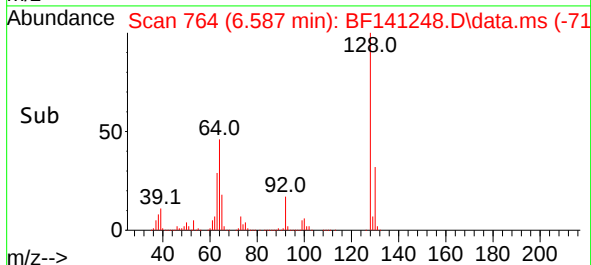
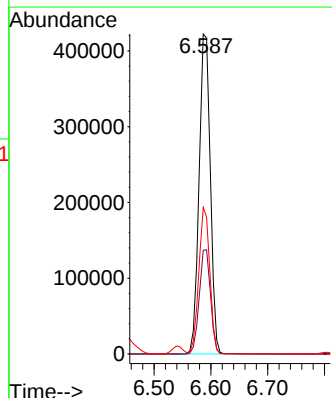
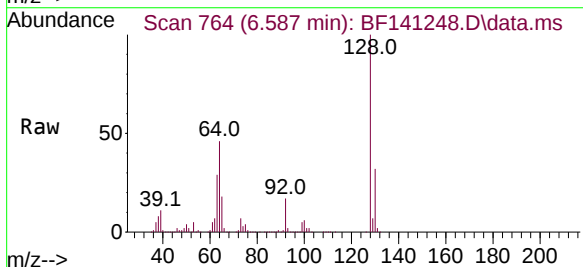
Ion	Ratio	Lower	Upper
99	100		
42	17.8	15.0	22.4
71	35.2	27.6	41.4

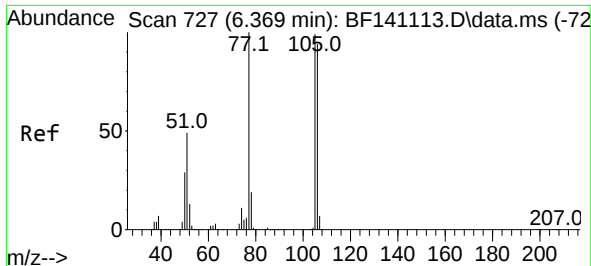


#8
2-Chlorophenol
Concen: 53.113 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion: 128 Resp: 583687

Ion	Ratio	Lower	Upper
128	100		
130	32.4	12.5	52.5
64	45.8	28.3	68.3

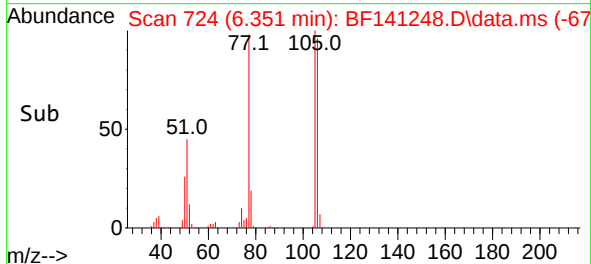
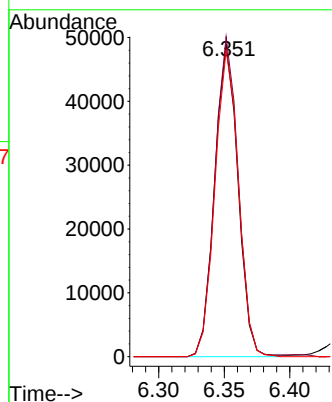
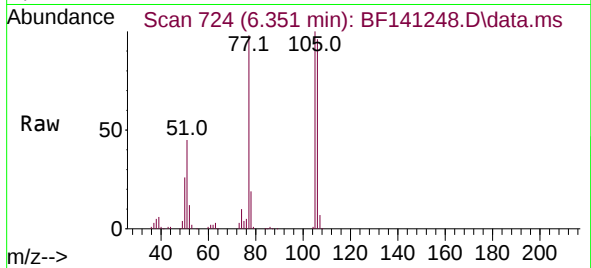




#9
Benzaldehyde
Concen: 7.925 ng
RT: 6.351 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

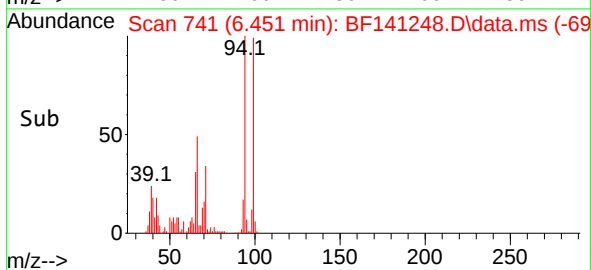
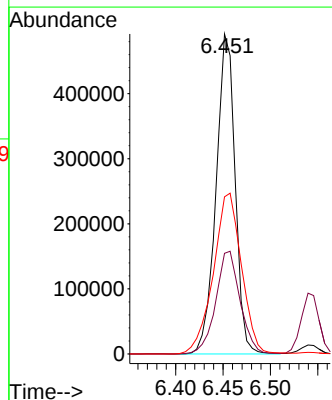
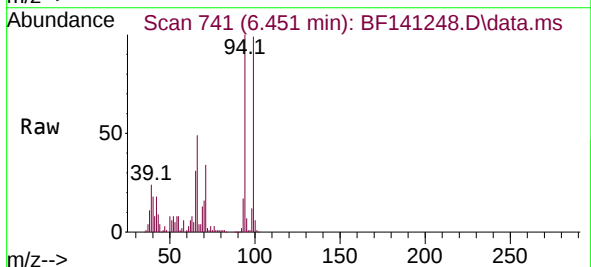
Instrument :
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ClientSampleId :
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Tgt Ion: 77 Resp: 60564
Ion Ratio Lower Upper
77 100
105 102.5 78.9 118.9
106 98.2 73.6 113.6



#10
Phenol
Concen: 49.671 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion: 94 Resp: 689893
Ion Ratio Lower Upper
94 100
65 31.4 8.9 48.9
66 49.1 21.2 61.2





#11

bis(2-Chloroethyl)ether

Concen: 49.997 ng

RT: 6.540 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

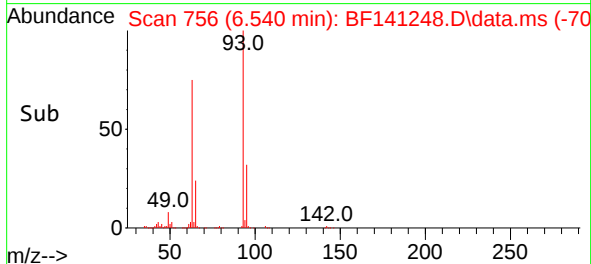
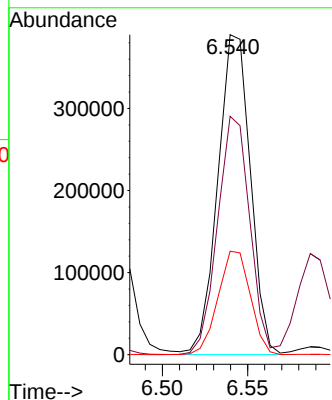
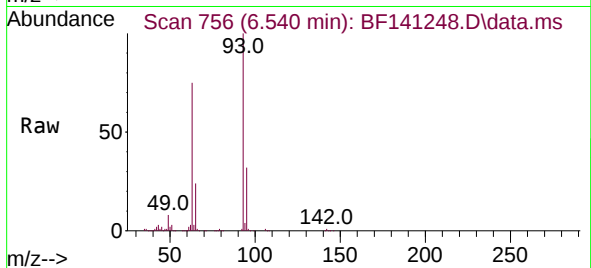
Tgt Ion: 93 Resp: 517521

Ion Ratio Lower Upper

93 100

63 74.5 58.0 98.0

95 32.3 12.5 52.5



#12

1,3-Dichlorobenzene

Concen: 47.273 ng

RT: 6.746 min Scan# 791

Delta R.T. -0.018 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

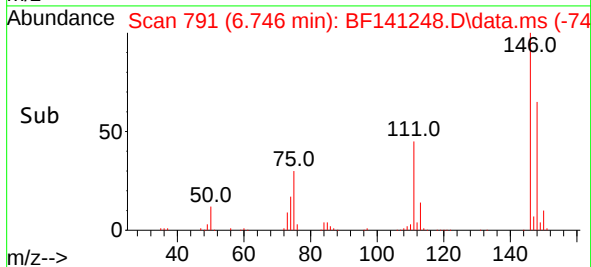
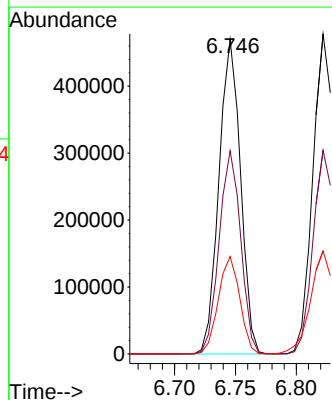
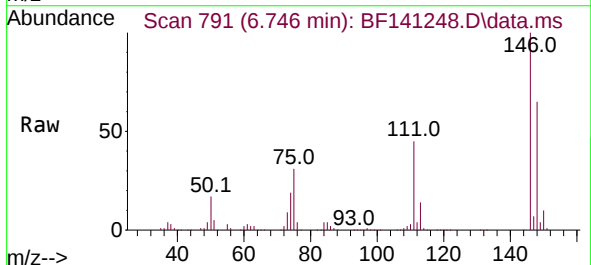
Tgt Ion:146 Resp: 579422

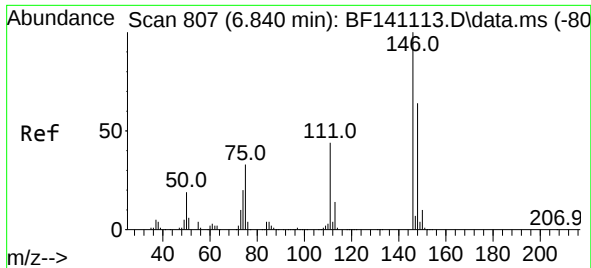
Ion Ratio Lower Upper

146 100

148 64.6 51.6 77.4

75 31.0 26.2 39.2

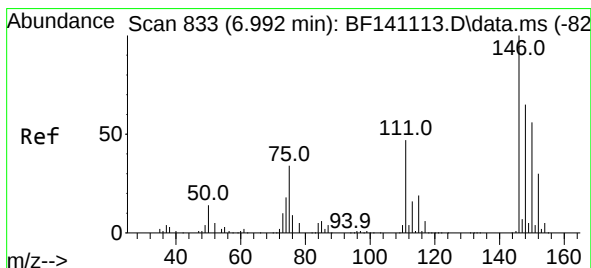
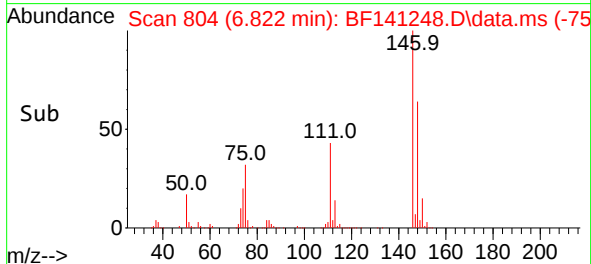
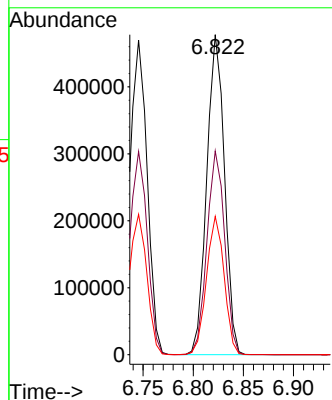
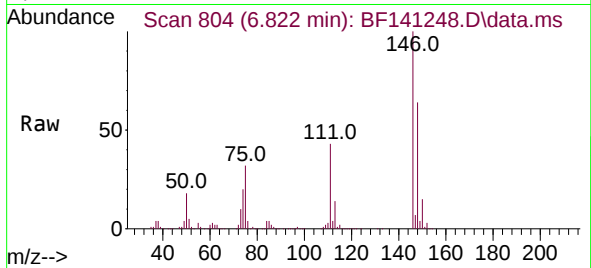




#13
1,4-Dichlorobenzene
Concen: 47.736 ng
RT: 6.822 min Scan# 807
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

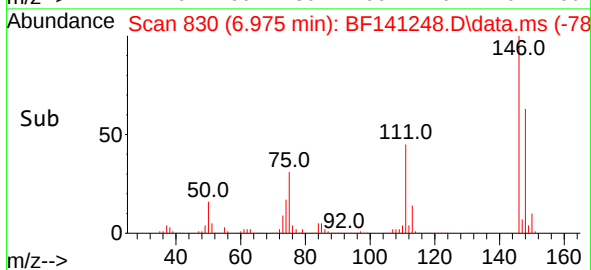
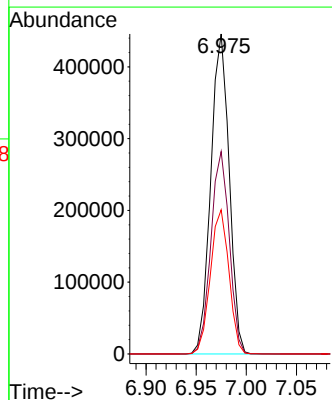
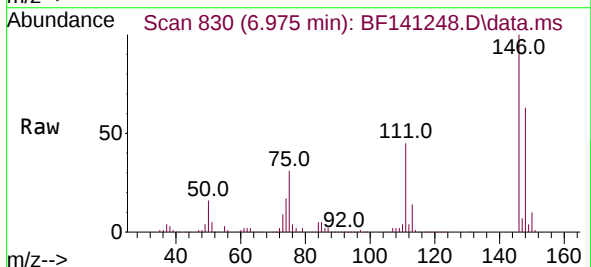
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion:146 Resp: 589607
Ion Ratio Lower Upper
146 100
148 63.6 51.0 76.6
111 43.2 34.9 52.3



#14
1,2-Dichlorobenzene
Concen: 49.451 ng
RT: 6.975 min Scan# 830
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:146 Resp: 569737
Ion Ratio Lower Upper
146 100
148 63.3 52.2 78.4
111 45.1 37.5 56.3

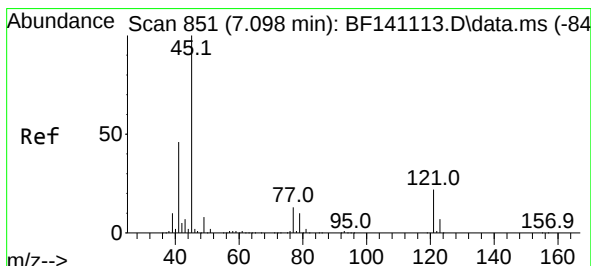
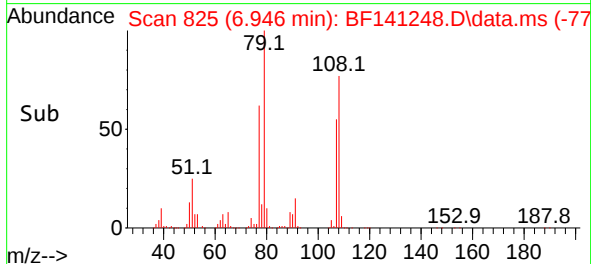
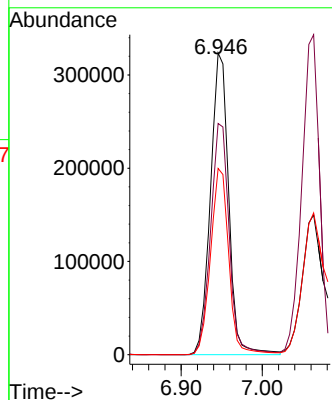
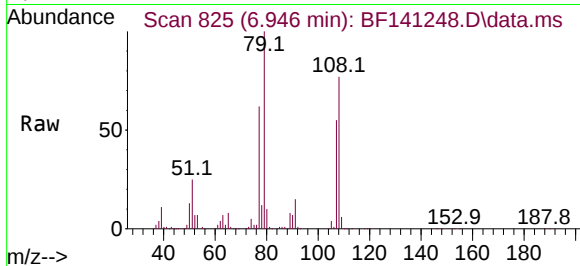




#15
Benzyl Alcohol
Concen: 53.774 ng
RT: 6.946 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

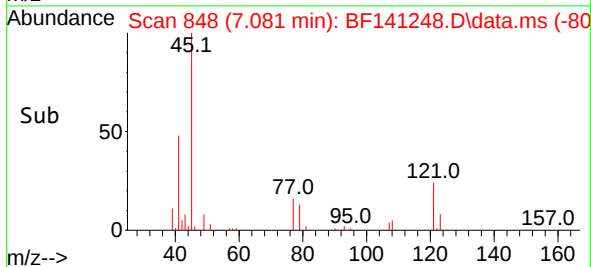
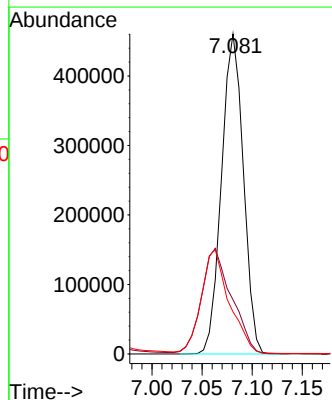
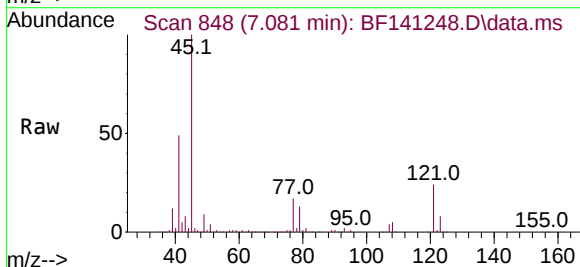
Instrument :
BNA_F
ClientSampleId :
PB166188BS

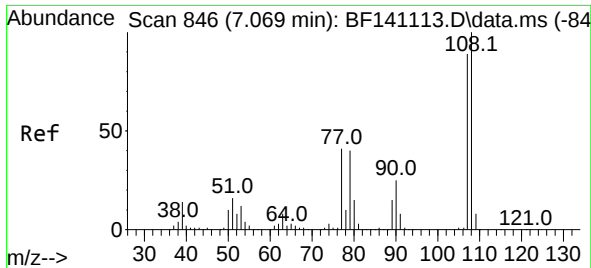
Tgt Ion: 79 Resp: 503880
Ion Ratio Lower Upper
79 100
108 76.6 61.4 92.0
77 61.7 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.203 ng
RT: 7.081 min Scan# 848
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

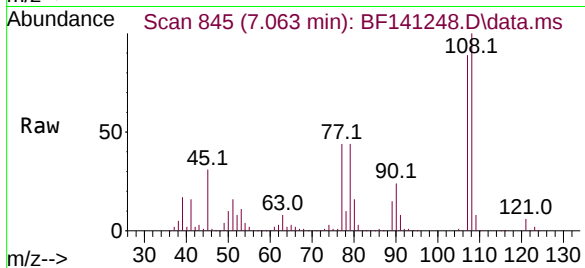
Tgt Ion: 45 Resp: 696252
Ion Ratio Lower Upper
45 100
77 16.9 0.0 34.1
79 13.2 0.0 31.0



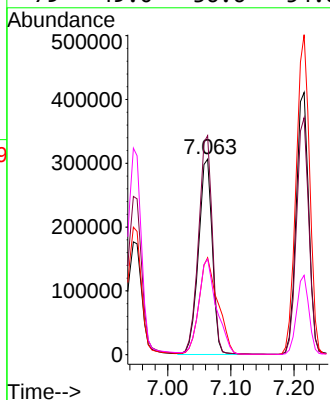
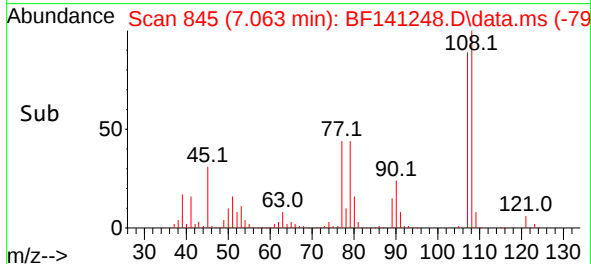


#17
2-Methylphenol
Concen: 52.948 ng
RT: 7.063 min Scan# 846
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

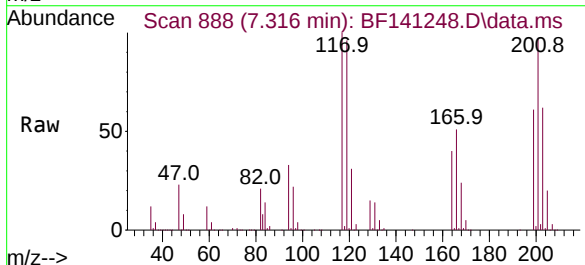
Instrument :
BNA_F
ClientSampleId :
PB166188BS



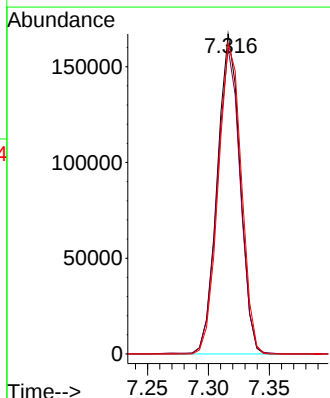
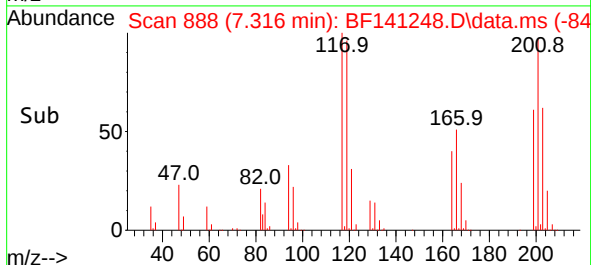
Tgt Ion:107 Resp: 469773
Ion Ratio Lower Upper
107 100
108 112.0 90.1 135.1
77 49.6 36.6 55.0
79 49.0 36.6 54.8



#18
Hexachloroethane
Concen: 48.552 ng
RT: 7.316 min Scan# 888
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25



Tgt Ion:117 Resp: 216860
Ion Ratio Lower Upper
117 100
119 95.6 77.6 116.4
201 97.1 75.1 112.7



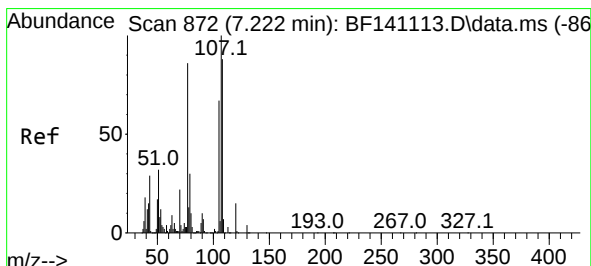
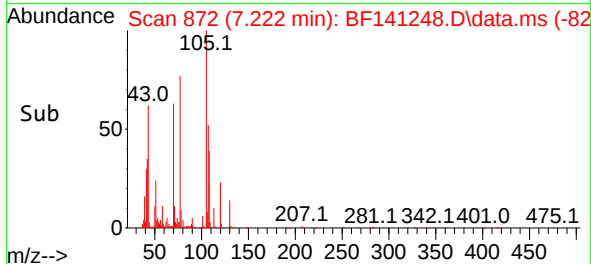
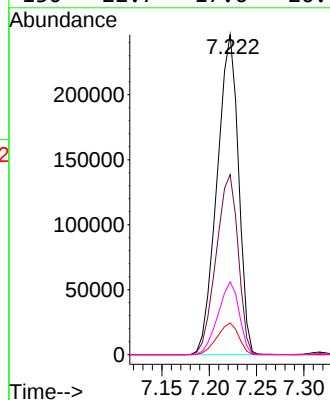
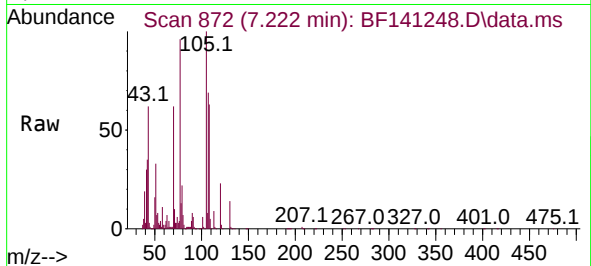


#19
n-Nitroso-di-n-propylamine
Concen: 50.763 ng
RT: 7.222 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion: 70 Resp: 387993

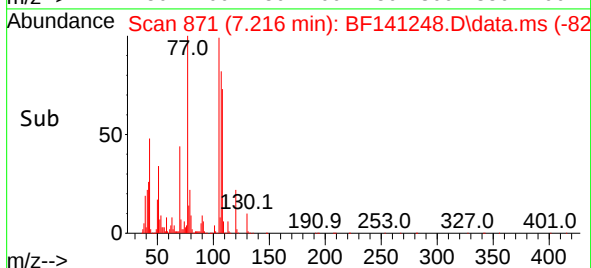
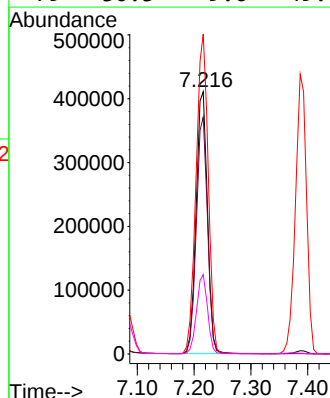
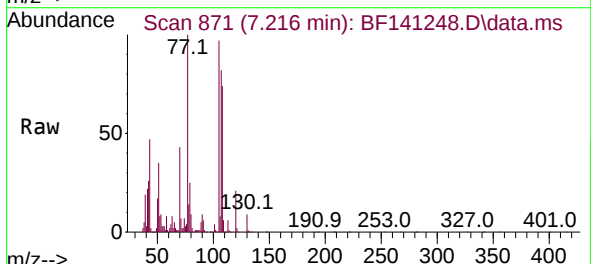
Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.8	71.6
101	9.9	7.9	11.9
130	22.7	17.6	26.4

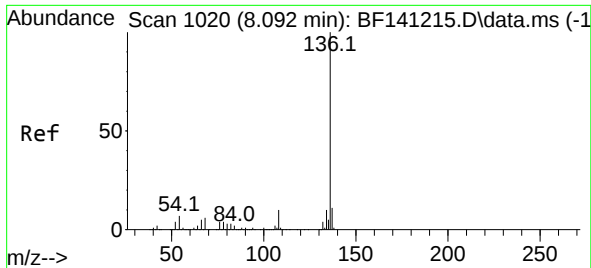


#20
3+4-Methylphenols
Concen: 50.899 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion: 107 Resp: 569736

Ion	Ratio	Lower	Upper
107	100		
108	90.3	68.3	108.3
77	122.0	66.4	106.4#
79	30.3	9.6	49.6

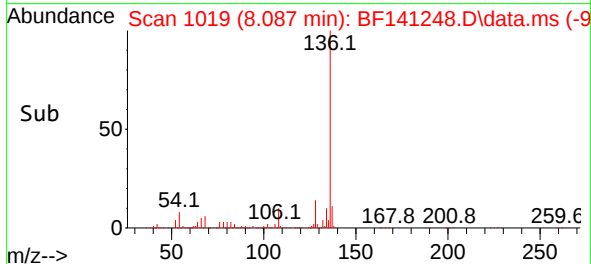
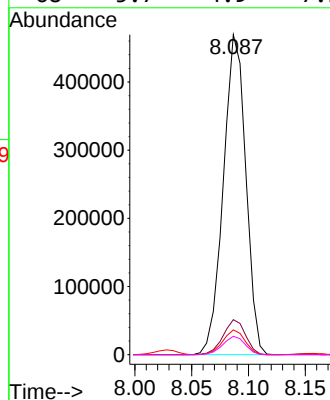
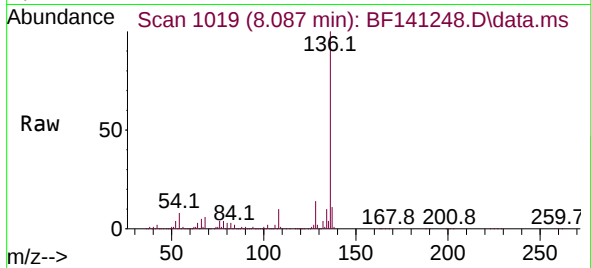




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.087 min Scan# 1019
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

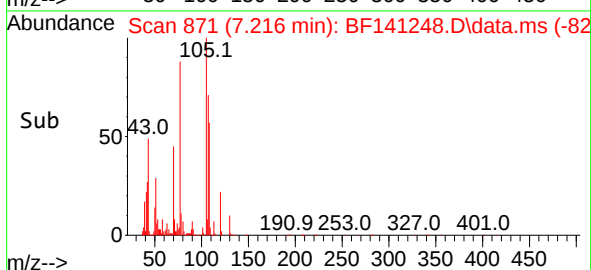
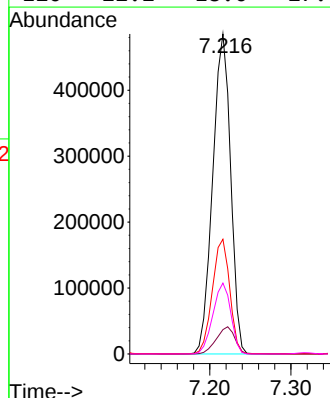
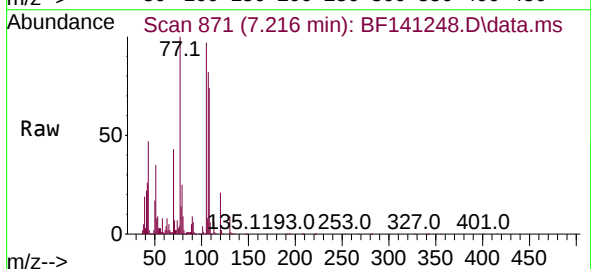
Instrument :
BNA_F
ClientSampleId :
PB166188BS

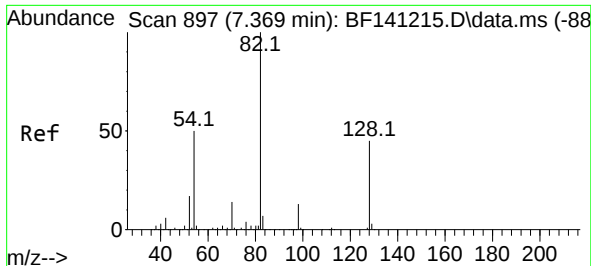
Tgt	Ion:136	Resp:	646513
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.8	13.2
54	7.8	6.3	9.5
68	5.7	4.9	7.3



#22
Acetophenone
Concen: 48.400 ng
RT: 7.216 min Scan# 871
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt	Ion:105	Resp:	743875
Ion	Ratio	Lower	Upper
105	100		
71	7.6	7.1	10.7
51	35.9	25.4	38.2
120	22.2	18.0	27.0

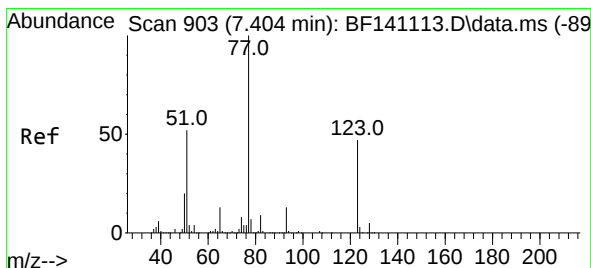
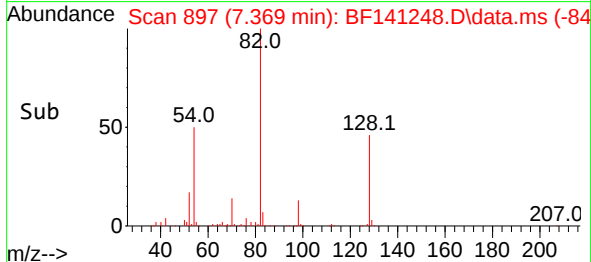
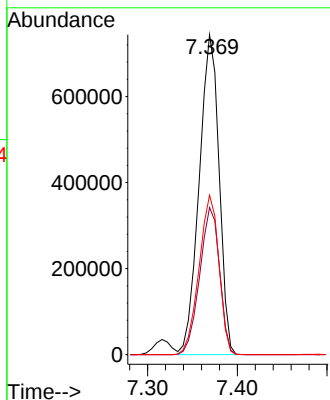
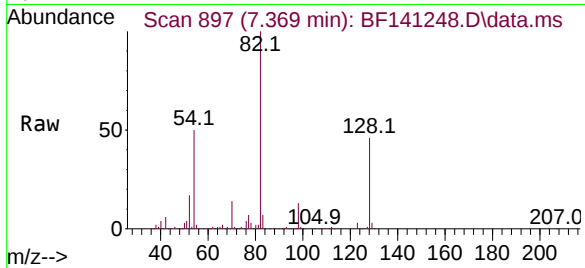




#23
Nitrobenzene-d5
Concen: 93.742 ng
RT: 7.369 min Scan# 897
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

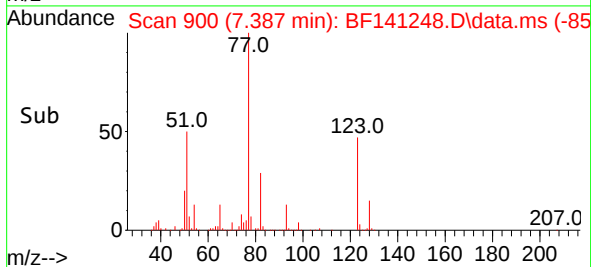
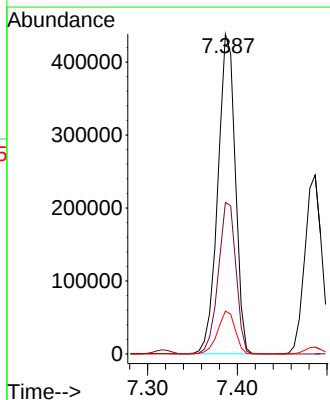
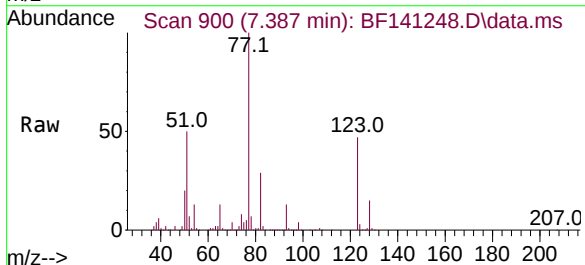
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion: 82 Resp: 1143319
Ion Ratio Lower Upper
82 100
128 46.0 36.1 54.1
54 49.8 41.0 61.4



#24
Nitrobenzene
Concen: 46.426 ng
RT: 7.387 min Scan# 900
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion: 77 Resp: 590129
Ion Ratio Lower Upper
77 100
123 47.4 37.7 56.5
65 13.4 10.6 16.0

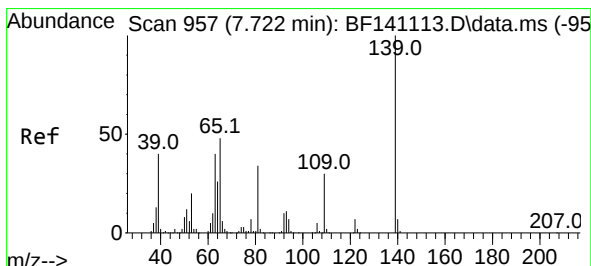
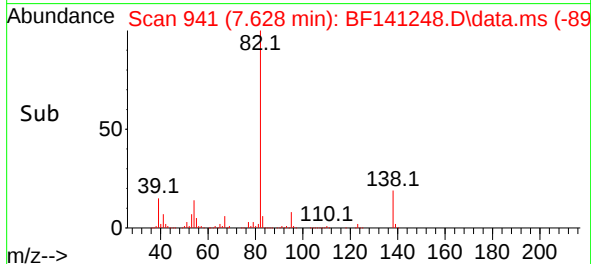
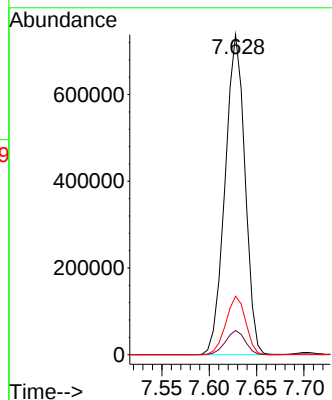
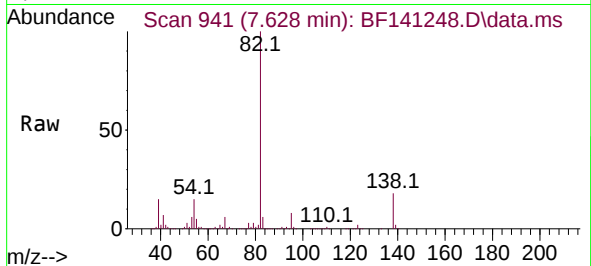




#25
Isophorone
Concen: 51.810 ng
RT: 7.628 min Scan# 941
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

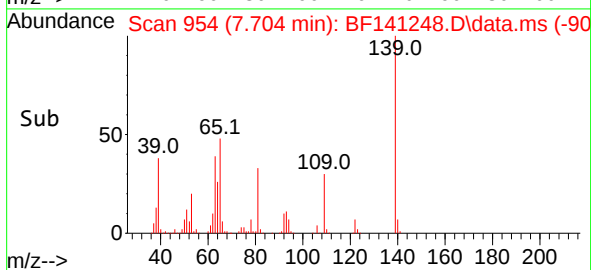
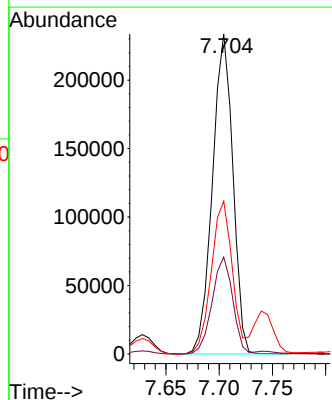
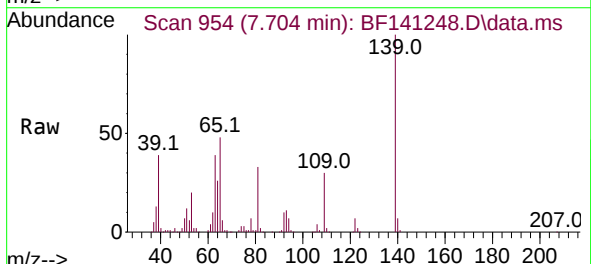
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion: 82 Resp: 1079871
Ion Ratio Lower Upper
82 100
95 7.6 5.9 8.9
138 18.3 14.2 21.2



#26
2-Nitrophenol
Concen: 53.921 ng
RT: 7.704 min Scan# 954
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion: 139 Resp: 311780
Ion Ratio Lower Upper
139 100
109 30.3 23.8 35.6
65 47.8 38.5 57.7





#27

2,4-Dimethylphenol

Concen: 60.978 ng

RT: 7.740 min Scan# 90

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

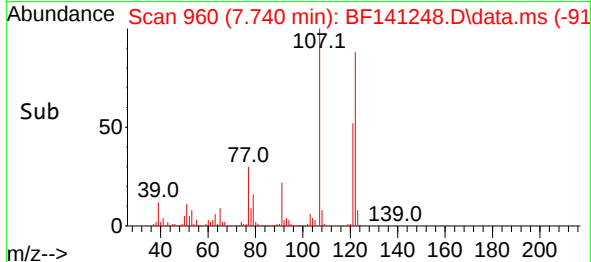
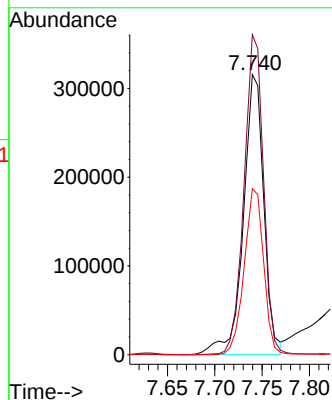
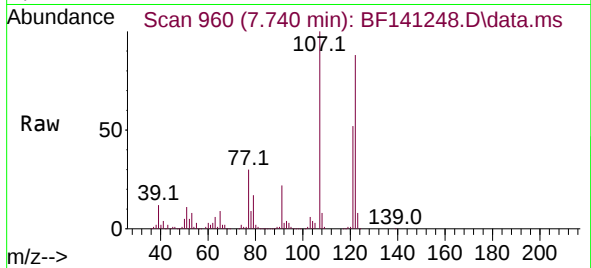
Tgt Ion:122 Resp: 475587

Ion Ratio Lower Upper

122 100

107 114.2 90.3 135.5

121 59.3 46.5 69.7



#28

bis(2-Chloroethoxy)methane

Concen: 50.381 ng

RT: 7.840 min Scan# 977

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

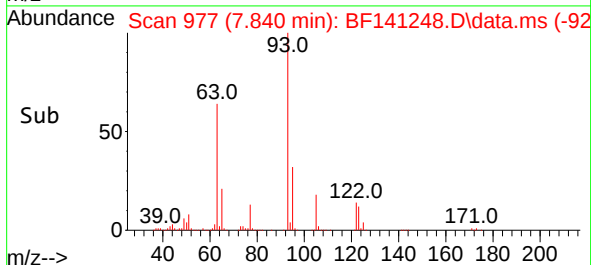
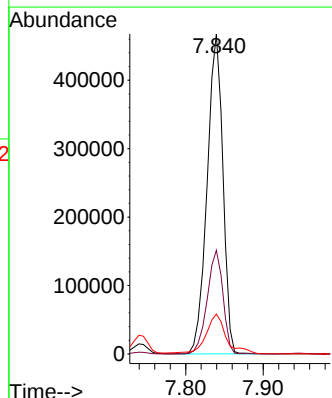
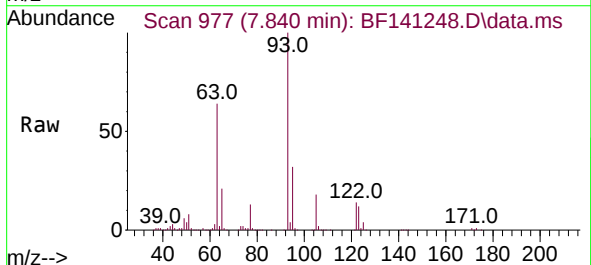
Tgt Ion: 93 Resp: 659018

Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.4

123 12.5 10.1 15.1





#29

2,4-Dichlorophenol

Concen: 52.966 ng

RT: 7.945 min Scan# 99

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

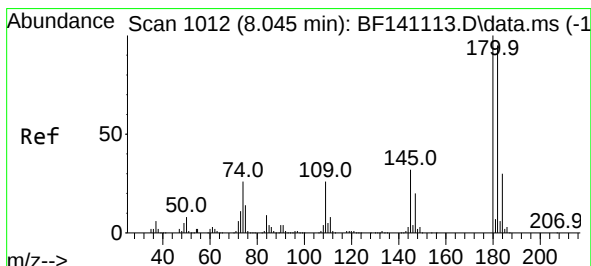
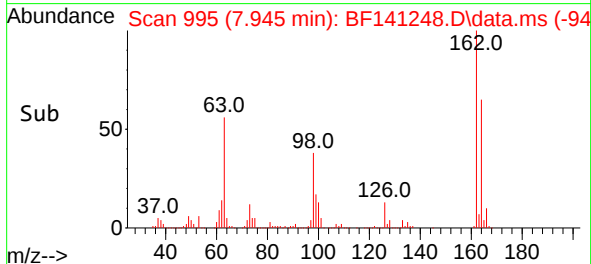
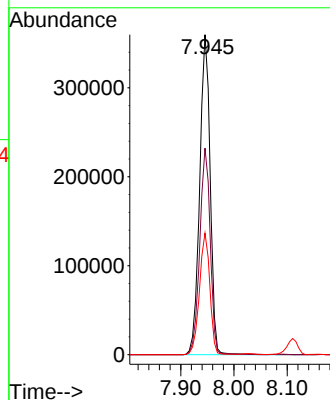
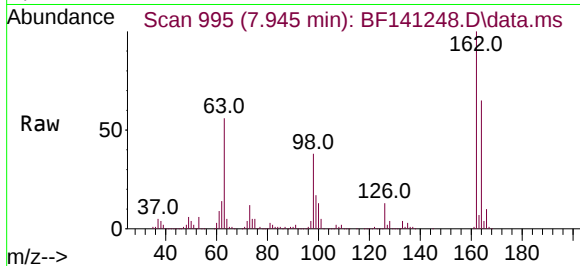
Tgt Ion:162 Resp: 490622

Ion Ratio Lower Upper

162 100

164 64.5 44.5 84.5

98 38.0 18.5 58.5



#30

1,2,4-Trichlorobenzene

Concen: 46.847 ng

RT: 8.028 min Scan# 1009

Delta R.T. -0.018 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

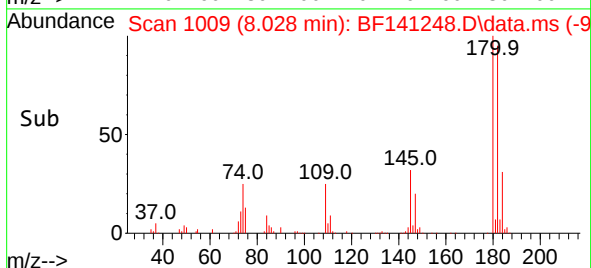
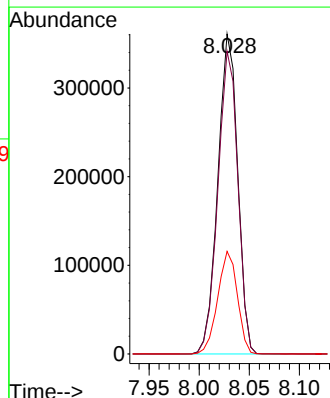
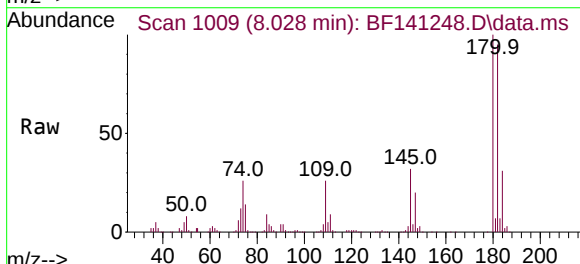
Tgt Ion:180 Resp: 496016

Ion Ratio Lower Upper

180 100

182 94.6 76.2 114.2

145 32.0 25.3 37.9

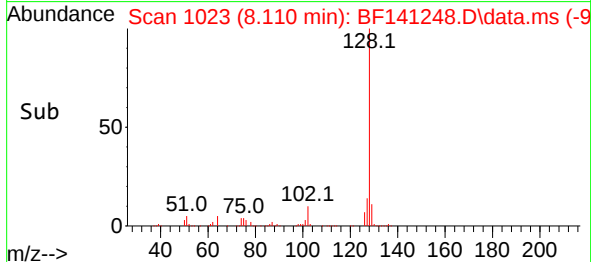
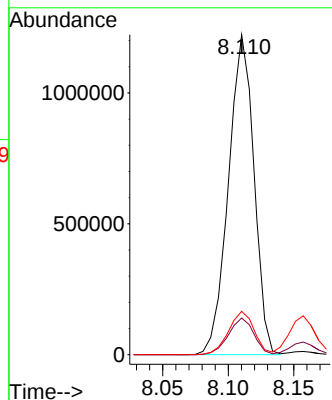
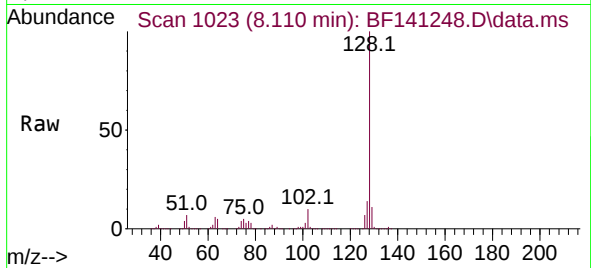




#31
Naphthalene
Concen: 48.563 ng
RT: 8.110 min Scan# 1026
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

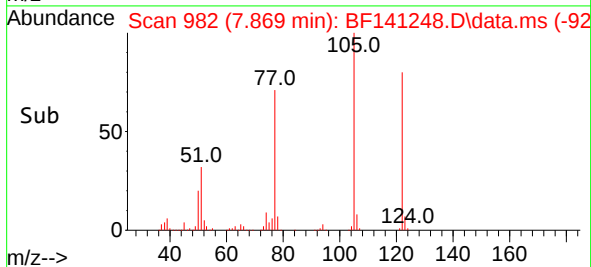
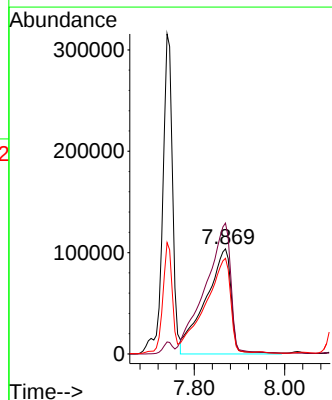
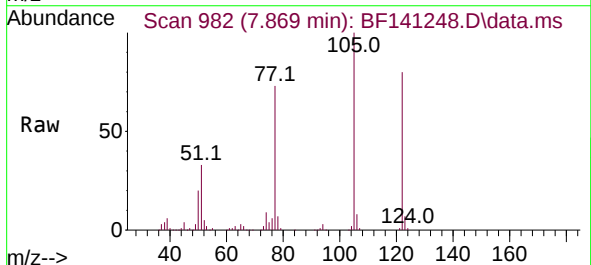
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion:128 Resp: 1655728
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.6 10.8 16.2



#32
Benzoic acid
Concen: 54.774 ng m
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:122 Resp: 409797
Ion Ratio Lower Upper
122 100
105 124.6 105.5 145.5
77 91.0 75.1 115.1

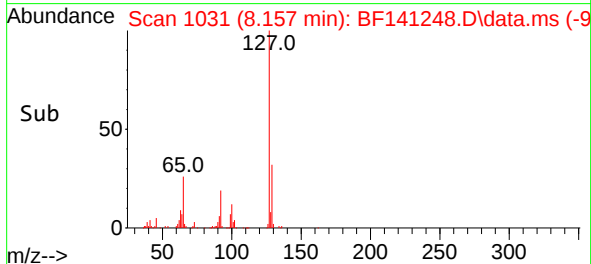
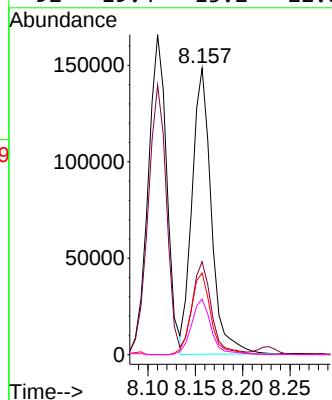
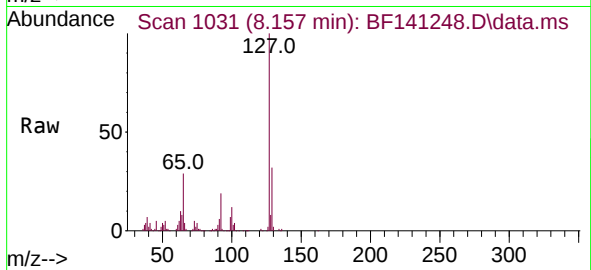




#33
4-Chloroaniline
Concen: 17.824 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

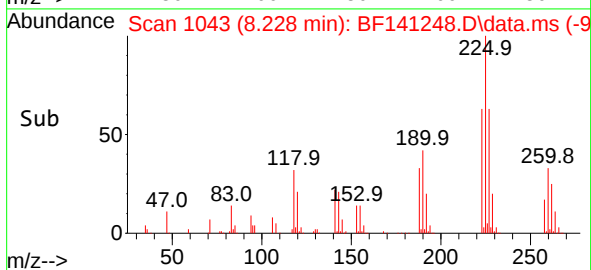
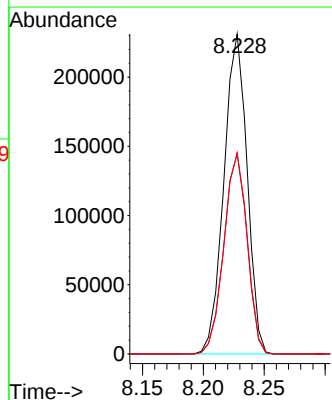
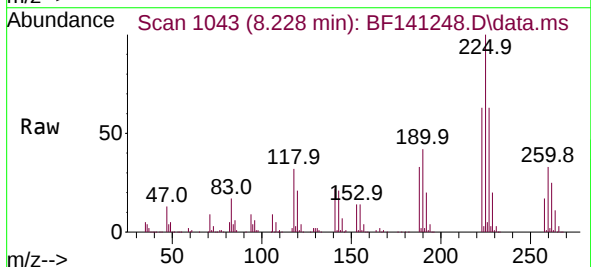
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion:	127	Resp:	210159
Ion	Ratio	Lower	Upper
127	100		
129	32.4	25.9	38.9
65	28.5	23.8	35.8
92	19.4	15.2	22.8



#34
Hexachlorobutadiene
Concen: 48.044 ng
RT: 8.228 min Scan# 1043
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:	225	Resp:	306513
Ion	Ratio	Lower	Upper
225	100		
223	62.6	50.6	76.0
227	62.9	51.6	77.4

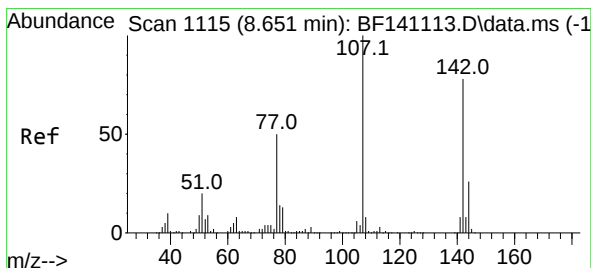
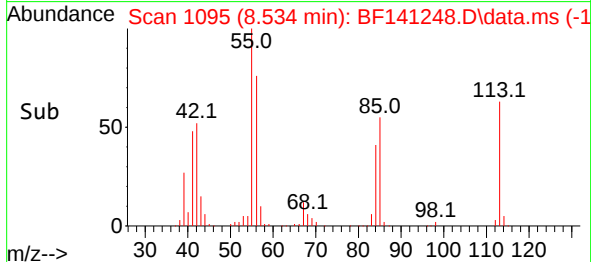
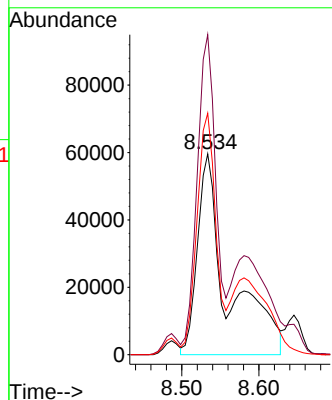
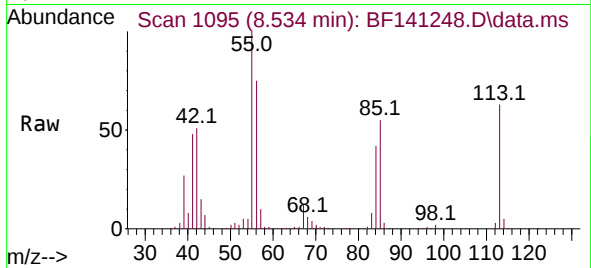




#35
Caprolactam
Concen: 53.479 ng m
RT: 8.534 min Scan# 1095
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

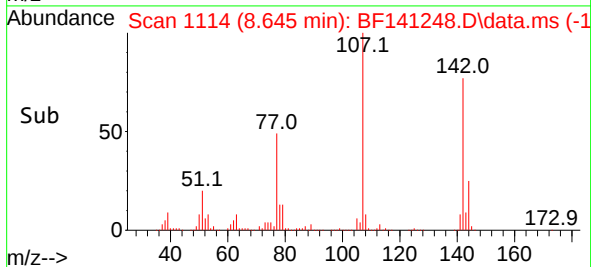
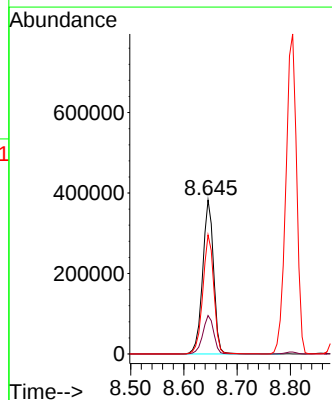
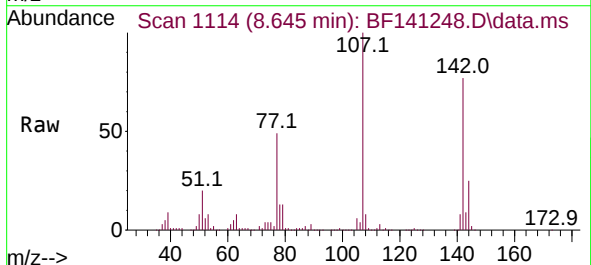
Instrument :
BNA_F
ClientSampleId :
PB166188BS

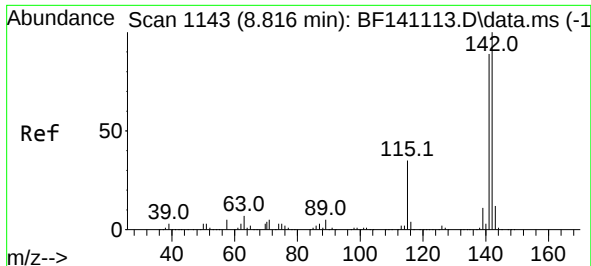
Tgt Ion:113 Resp: 162183
Ion Ratio Lower Upper
113 100
55 159.4 139.7 179.7
56 120.2 99.4 139.4



#36
4-Chloro-3-methylphenol
Concen: 53.920 ng
RT: 8.645 min Scan# 1114
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:107 Resp: 546233
Ion Ratio Lower Upper
107 100
144 24.9 20.4 30.6
142 77.3 62.2 93.2

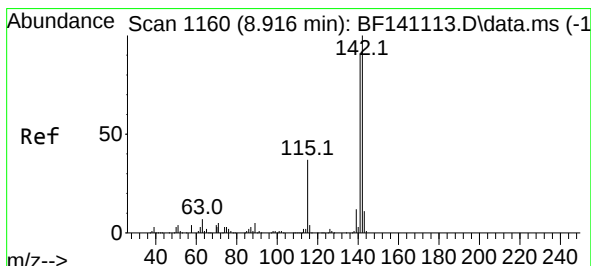
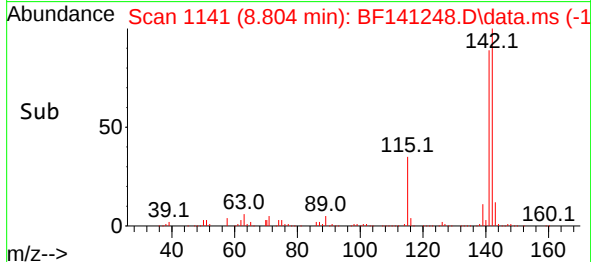
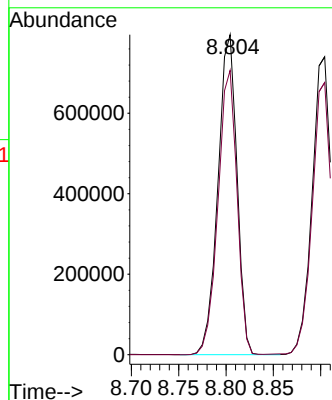
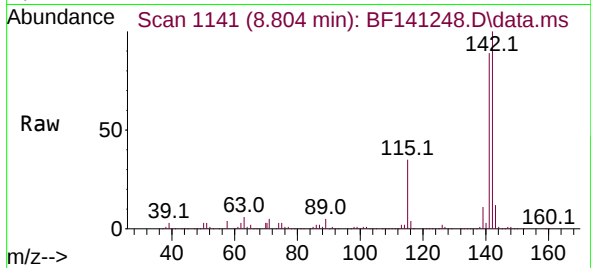




#37
2-Methylnaphthalene
Concen: 51.072 ng
RT: 8.804 min Scan# 1143
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

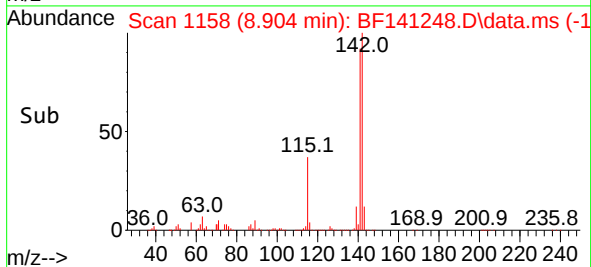
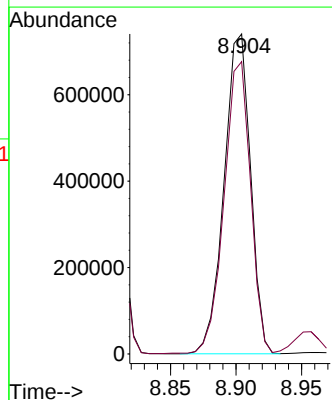
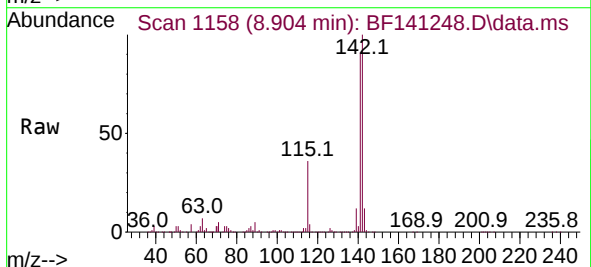
Instrument :
BNA_F
ClientSampleId :
PB166188BS

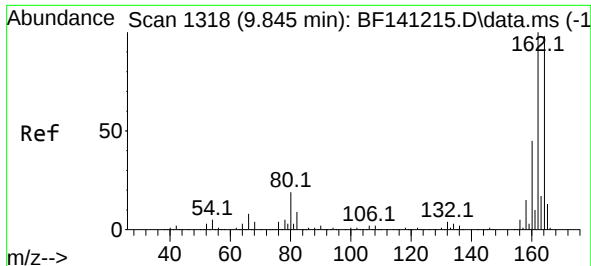
Tgt Ion:142 Resp: 1109589
Ion Ratio Lower Upper
142 100
141 88.9 71.3 106.9



#38
1-Methylnaphthalene
Concen: 48.494 ng
RT: 8.904 min Scan# 1158
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:142 Resp: 1038342
Ion Ratio Lower Upper
142 100
141 91.3 73.1 109.7

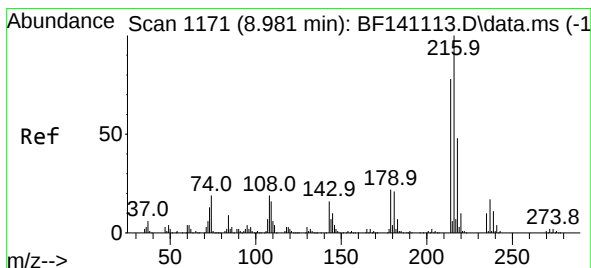
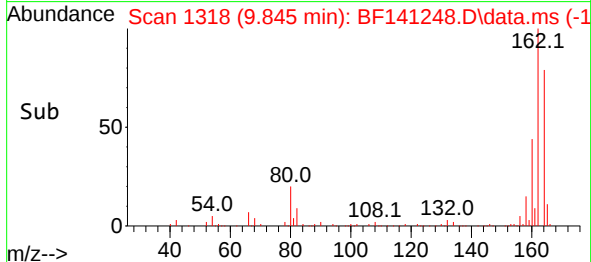
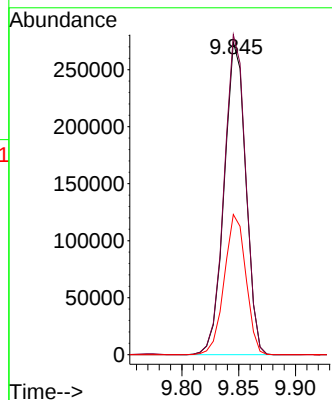
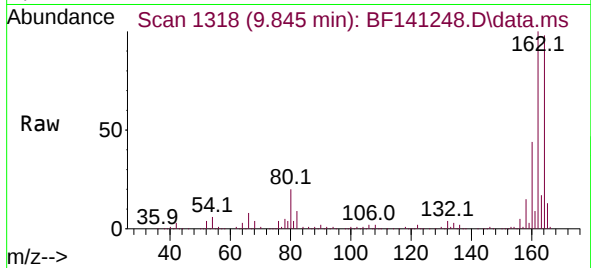




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.845 min Scan# 1169
Delta R.T. -0.018 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

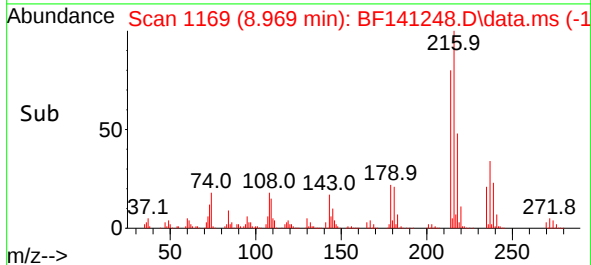
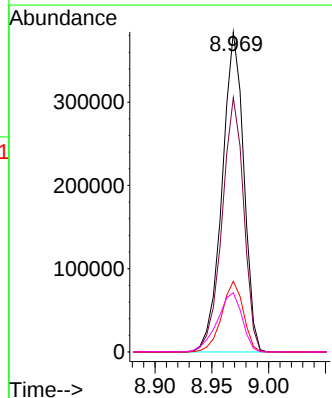
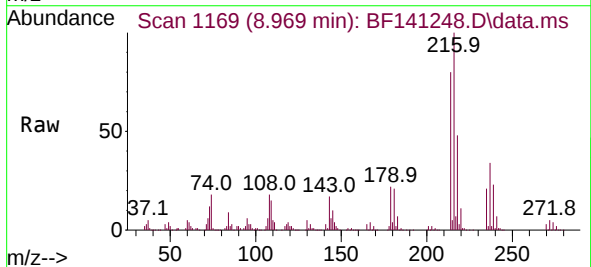
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion:164 Resp: 362430
Ion Ratio Lower Upper
164 100
162 102.3 81.0 121.4
160 44.8 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.860 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:216 Resp: 508266
Ion Ratio Lower Upper
216 100
214 79.5 62.6 94.0
179 22.0 17.7 26.5
108 21.4 15.4 23.0

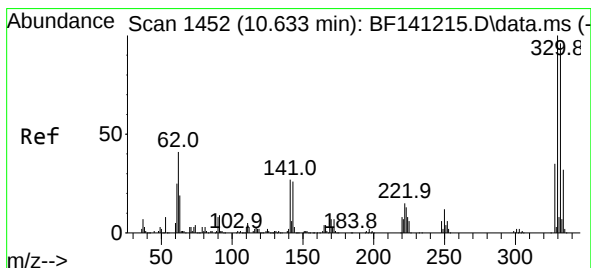
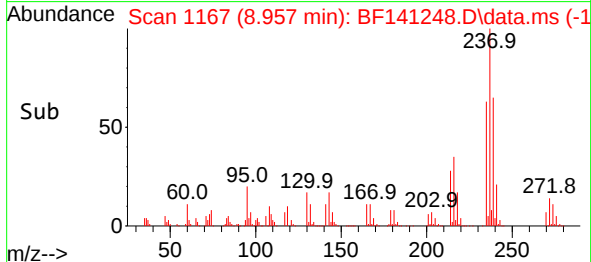
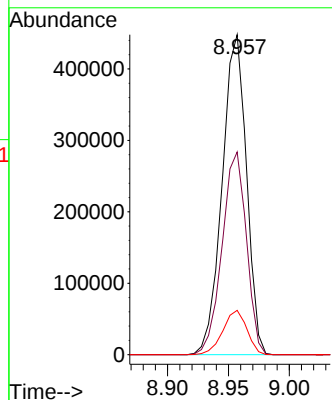
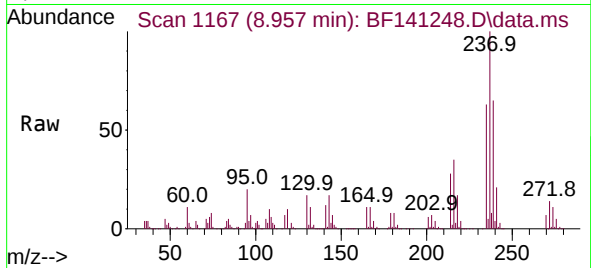




#41
Hexachlorocyclopentadiene
Concen: 182.897 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

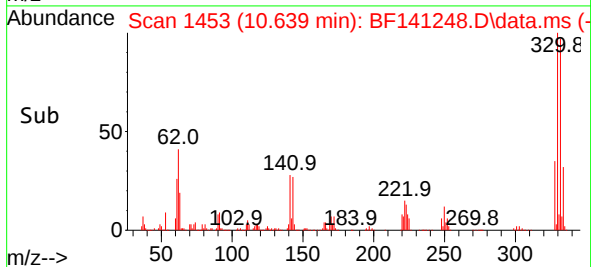
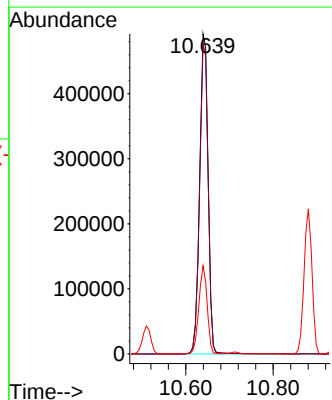
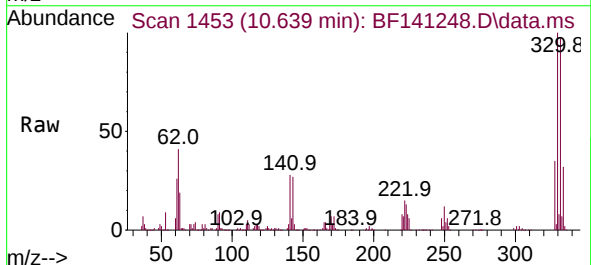
Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion:237 Resp: 622458
Ion Ratio Lower Upper
237 100
235 63.3 43.0 83.0
272 13.9 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 161.411 ng
RT: 10.639 min Scan# 1453
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:330 Resp: 666570
Ion Ratio Lower Upper
330 100
332 96.7 76.9 115.3
141 27.1 25.2 37.8

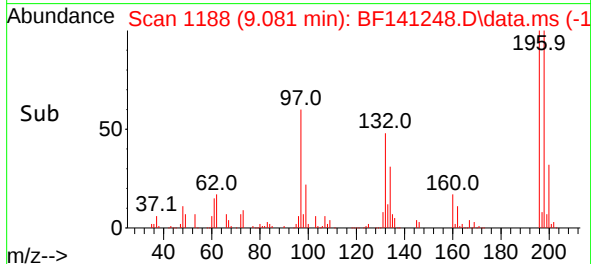
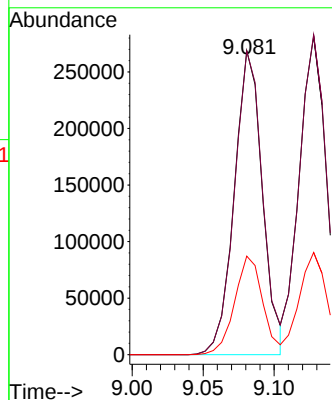
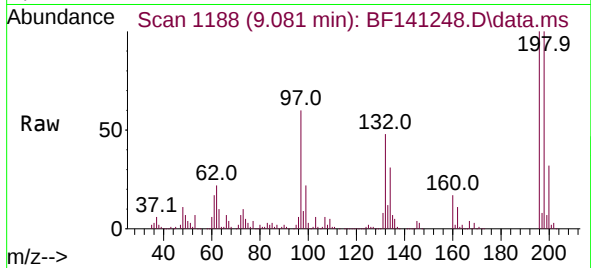




#43
2,4,6-Trichlorophenol
Concen: 52.828 ng
RT: 9.081 min Scan# 1190
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

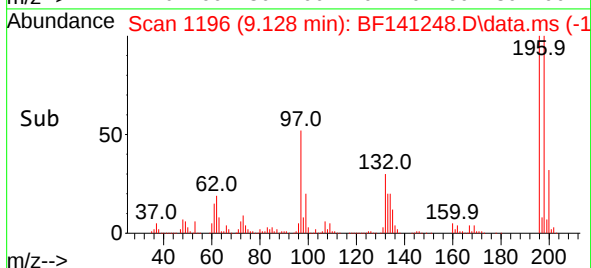
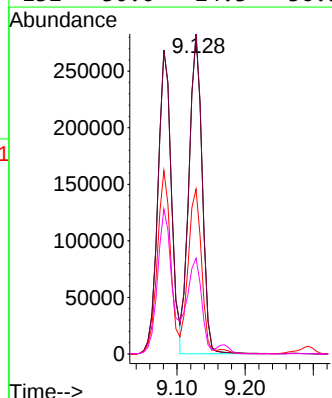
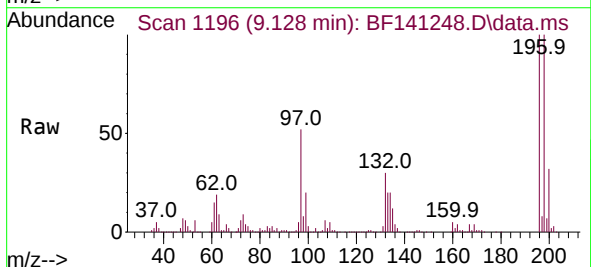
Instrument :
BNA_F
ClientSampleId :
PB166188BS

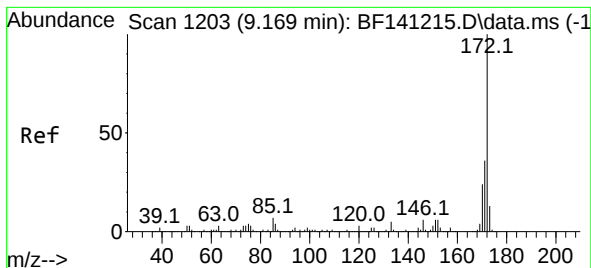
Tgt Ion:196 Resp: 370630
Ion Ratio Lower Upper
196 100
198 99.9 80.8 121.2
200 32.4 25.7 38.5



#44
2,4,5-Trichlorophenol
Concen: 50.648 ng
RT: 9.128 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:196 Resp: 375277
Ion Ratio Lower Upper
196 100
198 100.5 80.6 120.8
97 51.8 43.1 64.7
132 30.0 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 93.744 ng

RT: 9.169 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

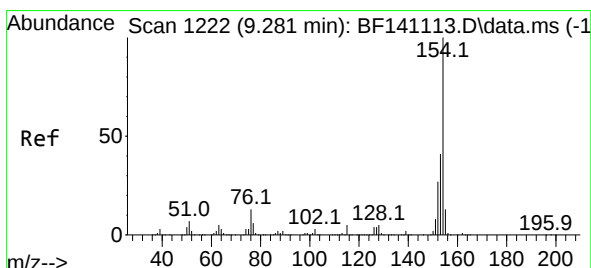
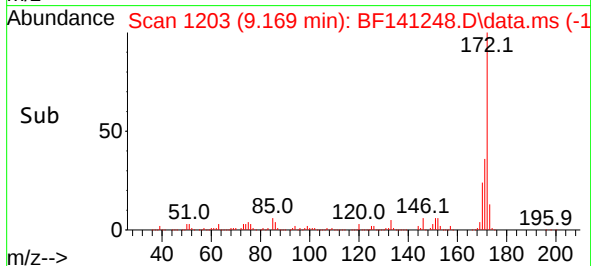
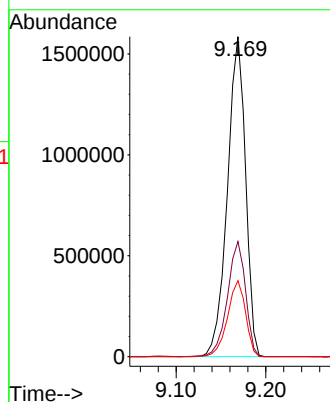
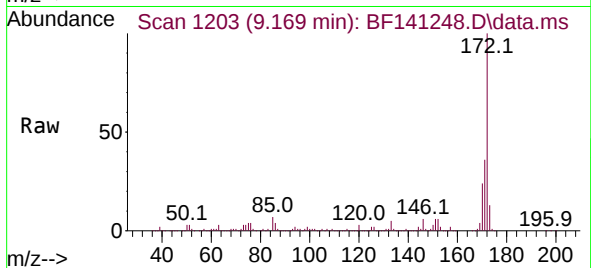
Tgt Ion:172 Resp: 2224922

Ion Ratio Lower Upper

172 100

171 36.0 28.7 43.1

170 23.8 19.0 28.6



#46

1,1'-Biphenyl

Concen: 48.658 ng

RT: 9.269 min Scan# 1220

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

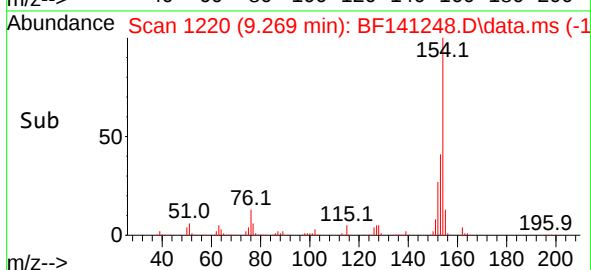
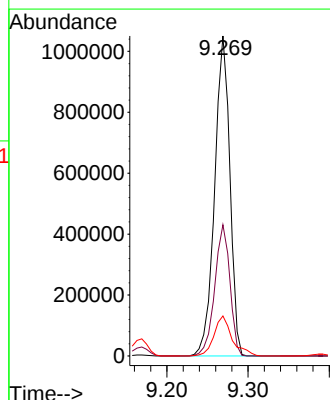
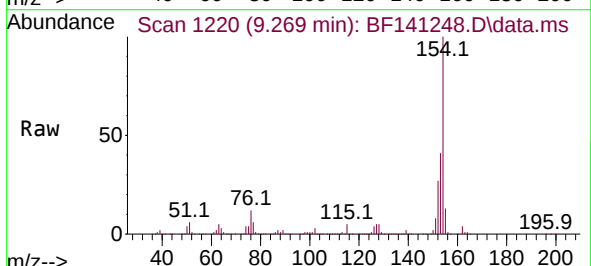
Tgt Ion:154 Resp: 1369531

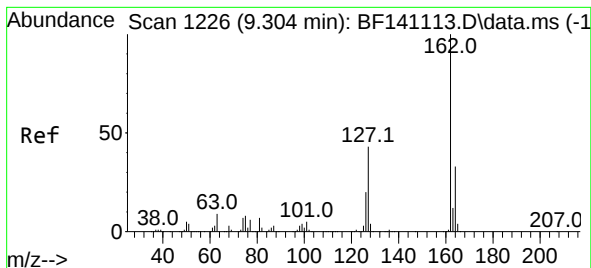
Ion Ratio Lower Upper

154 100

153 41.0 20.7 60.7

76 12.5 0.0 33.1





#47

2-Chloronaphthalene

Concen: 47.422 ng

RT: 9.292 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

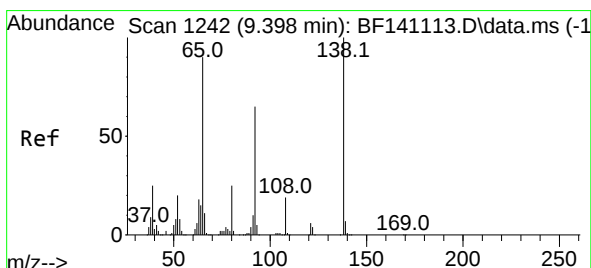
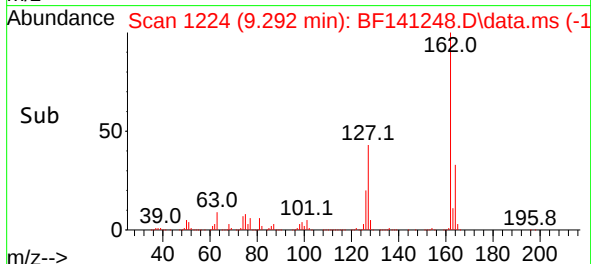
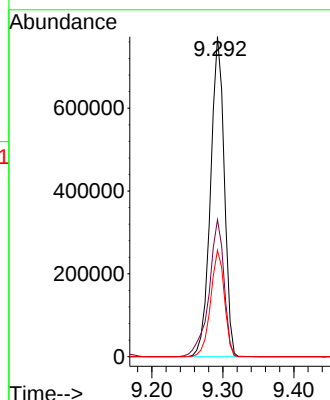
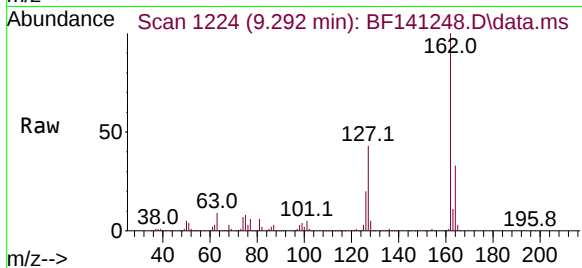
Tgt Ion:162 Resp: 1039608

Ion Ratio Lower Upper

162 100

127 42.8 34.6 51.8

164 33.3 26.5 39.7



#48

2-Nitroaniline

Concen: 51.104 ng

RT: 9.387 min Scan# 1240

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

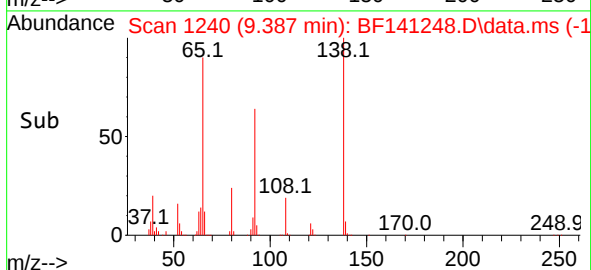
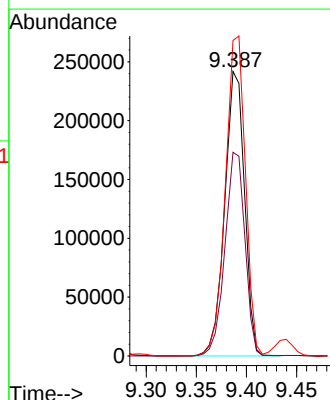
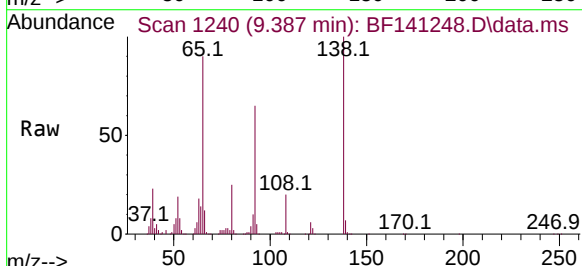
Tgt Ion: 65 Resp: 332100

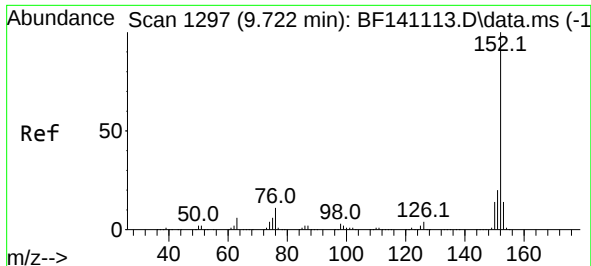
Ion Ratio Lower Upper

65 100

92 71.6 58.3 87.5

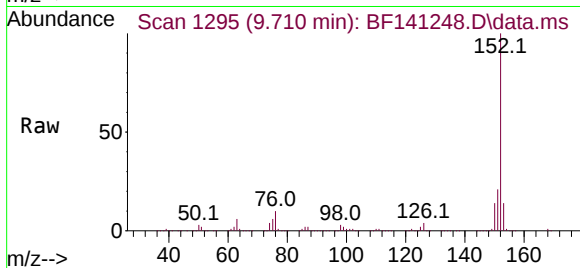
138 110.9 89.1 133.7



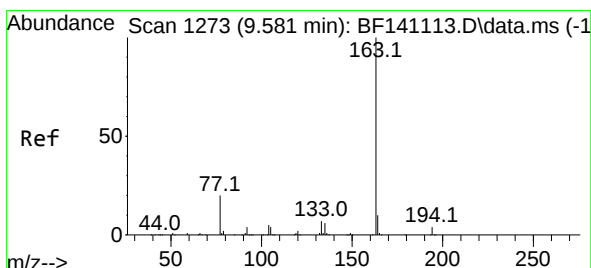
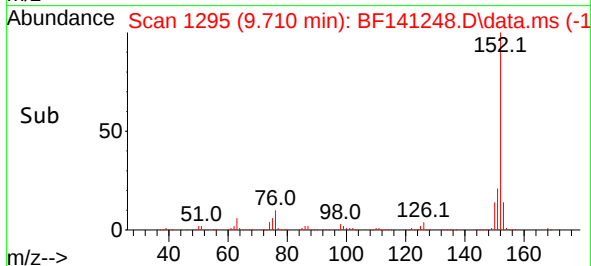
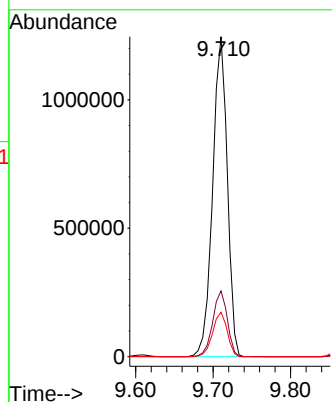


#49
Acenaphthylene
Concen: 52.354 ng
RT: 9.710 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB166188BS

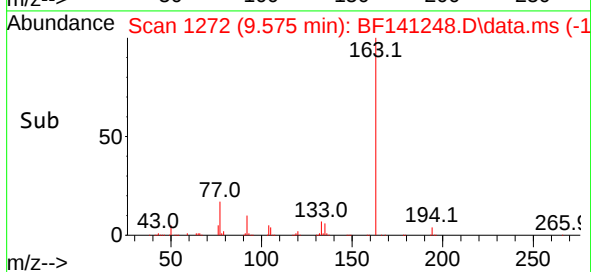
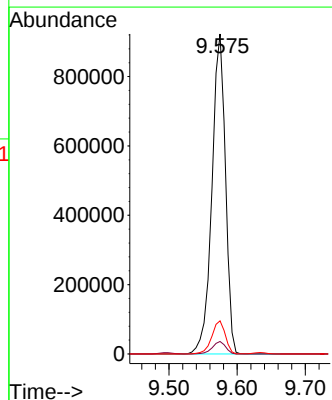
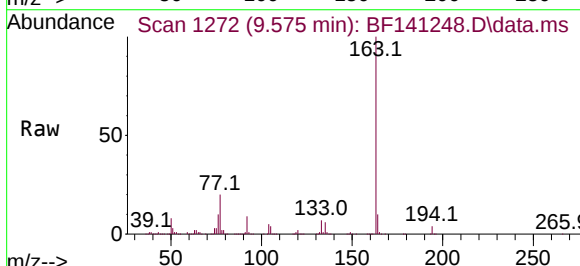


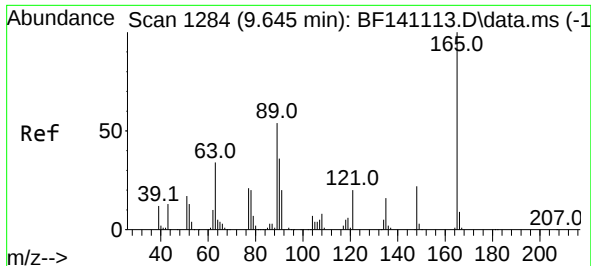
Tgt Ion:152 Resp: 1639752
Ion Ratio Lower Upper
152 100
151 20.6 16.1 24.1
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 52.409 ng
RT: 9.575 min Scan# 1272
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:163 Resp: 1275182
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.4 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 50.556 ng

RT: 9.634 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

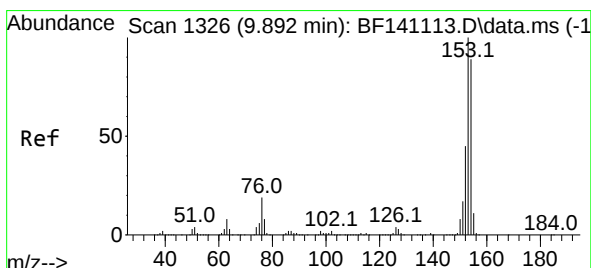
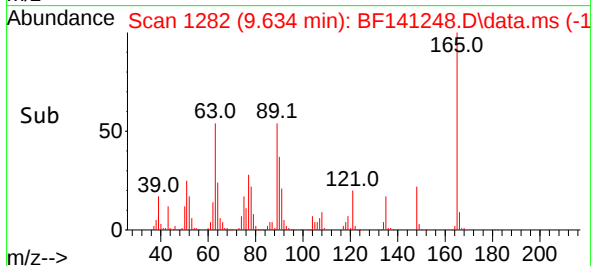
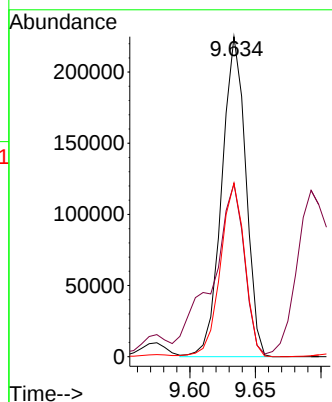
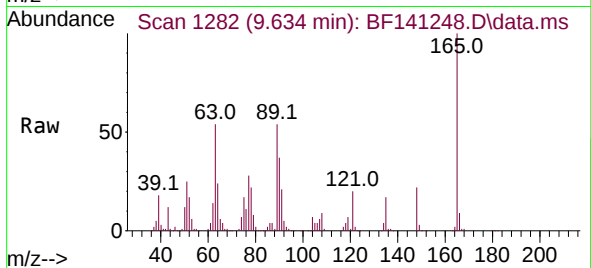
Tgt Ion:165 Resp: 286055

Ion Ratio Lower Upper

165 100

63 54.0 42.3 63.5

89 54.2 43.1 64.7



#52

Acenaphthene

Concen: 55.943 ng

RT: 9.881 min Scan# 1324

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

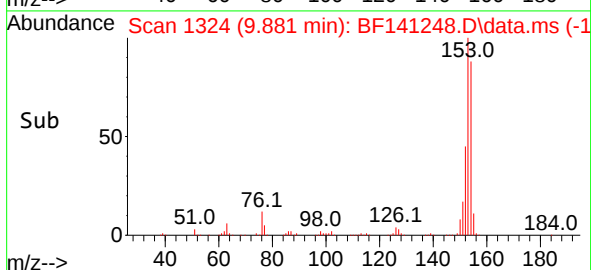
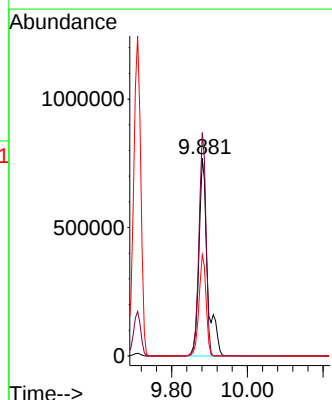
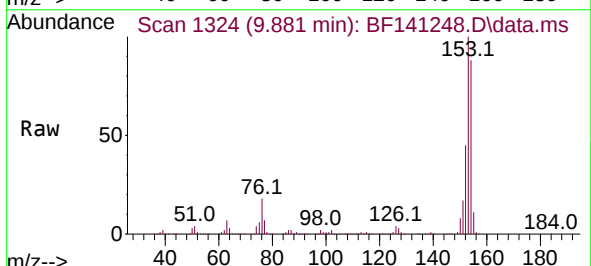
Tgt Ion:154 Resp: 1224161

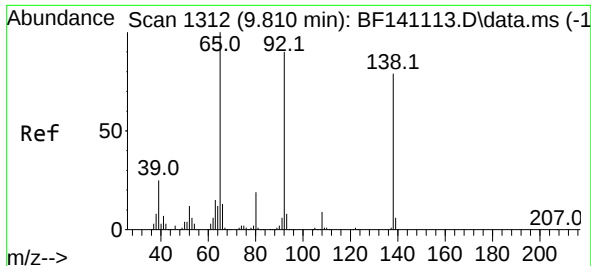
Ion Ratio Lower Upper

154 100

153 113.1 89.8 134.6

152 51.2 40.8 61.2

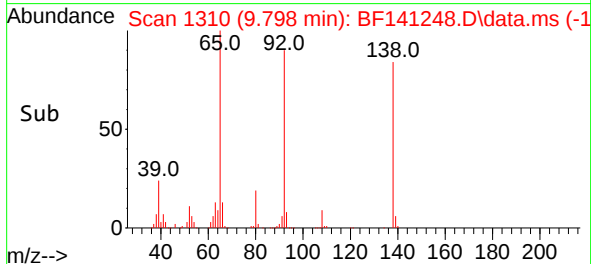
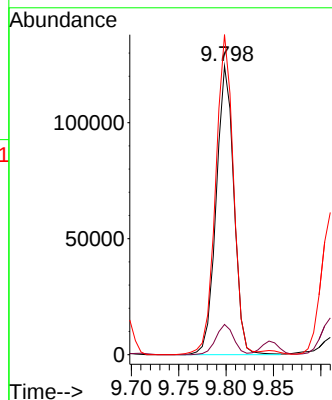
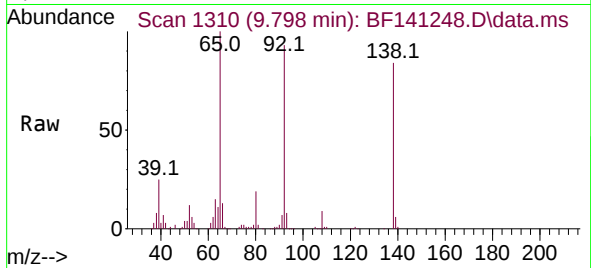




#53
3-Nitroaniline
Concen: 28.222 ng
RT: 9.798 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

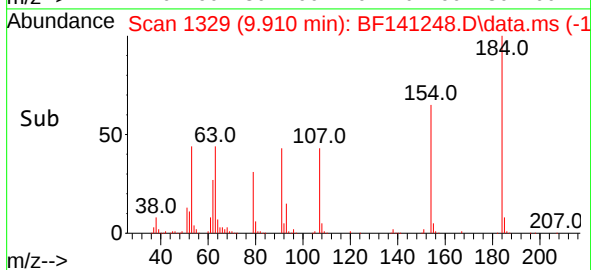
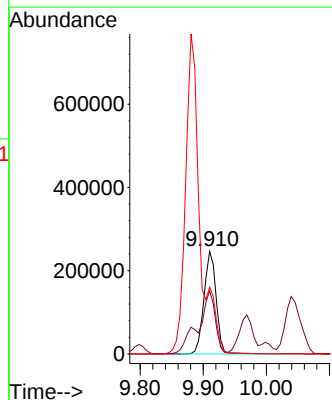
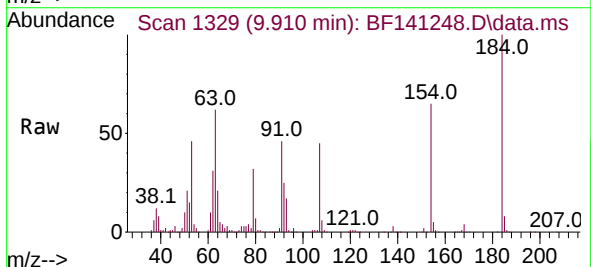
Instrument :
BNA_F
ClientSampleId :
PB166188BS

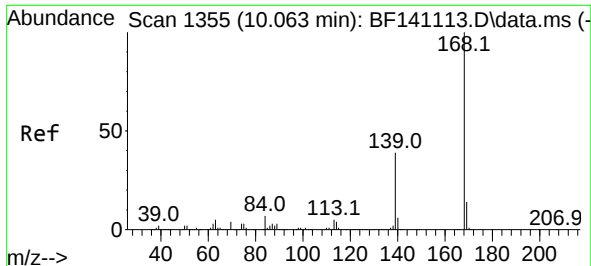
Tgt Ion:138 Resp: 162275
Ion Ratio Lower Upper
138 100
108 10.5 8.8 13.2
92 110.9 91.3 136.9



#54
2,4-Dinitrophenol
Concen: 123.544 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:184 Resp: 332264
Ion Ratio Lower Upper
184 100
63 61.6 48.7 73.1
154 65.2 57.1 85.7

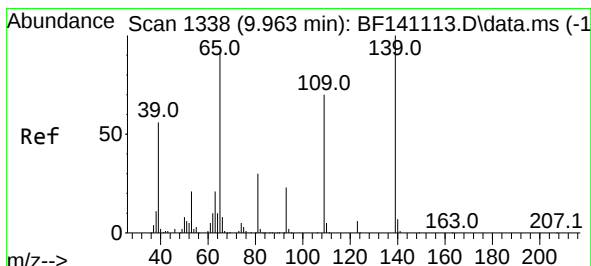
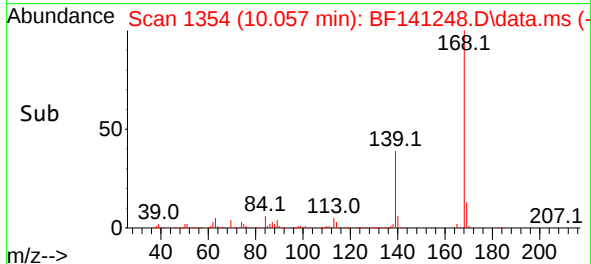
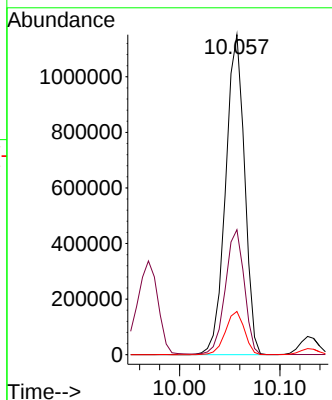
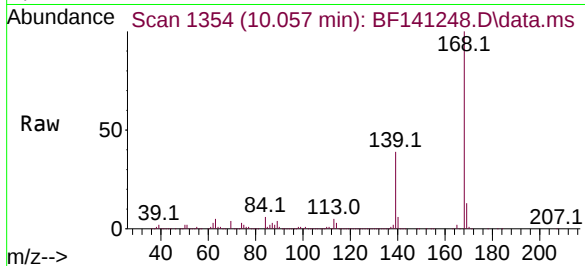




#55
Dibenzenofuran
Concen: 50.626 ng
RT: 10.057 min Scan# 1354
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

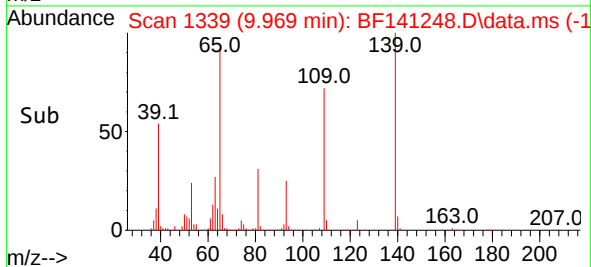
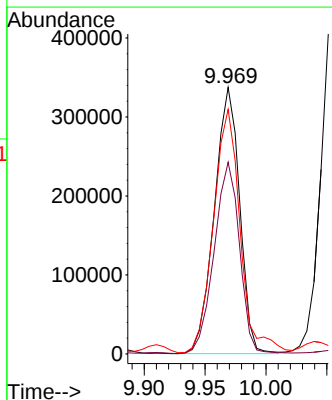
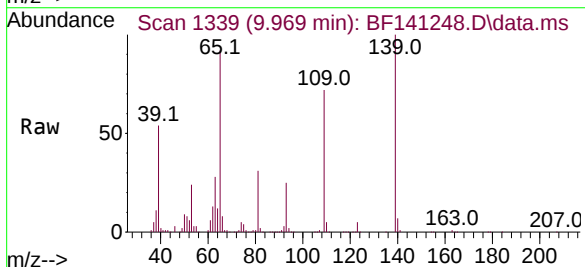
Instrument :
BNA_F
ClientSampleId :
PB166188BS

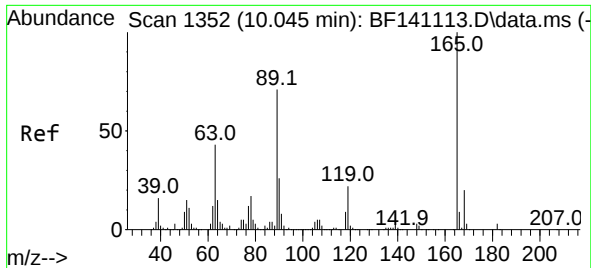
Tgt Ion:168 Resp: 1506836
Ion Ratio Lower Upper
168 100
139 39.0 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 108.385 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:139 Resp: 488072
Ion Ratio Lower Upper
139 100
109 71.9 50.2 90.2
65 91.8 72.1 112.1

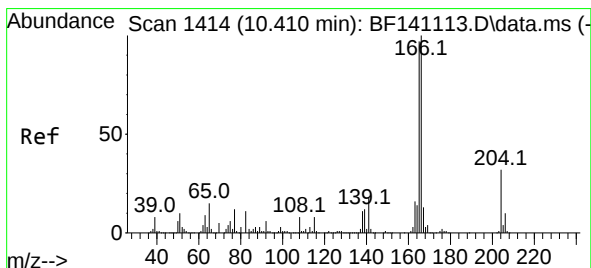
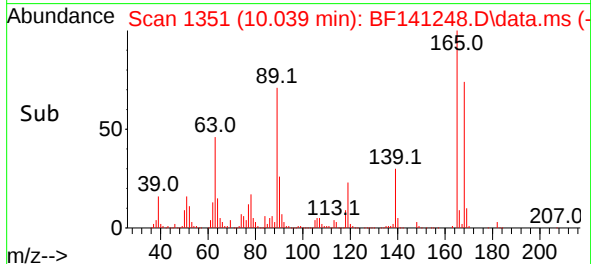
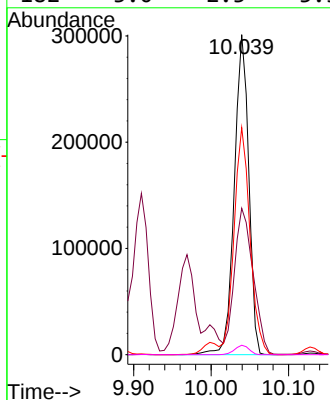
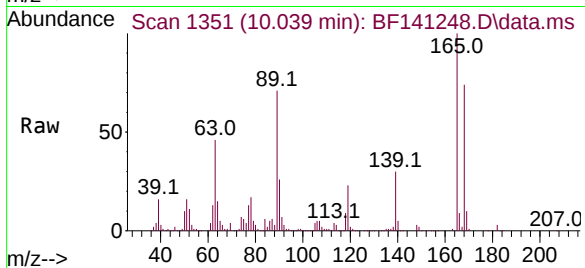




#57
2,4-Dinitrotoluene
Concen: 53.648 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

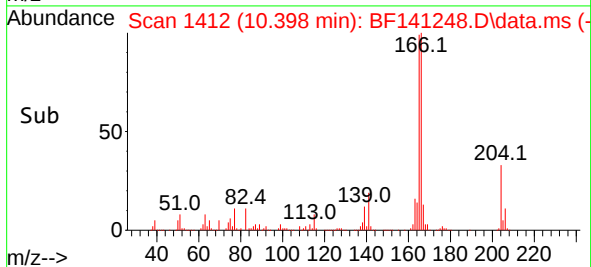
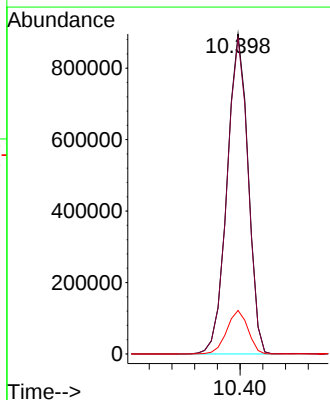
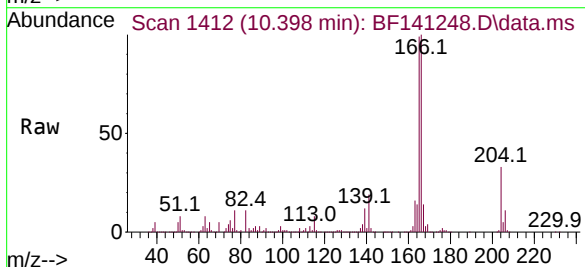
Instrument :
BNA_F
ClientSampleId :
PB166188BS

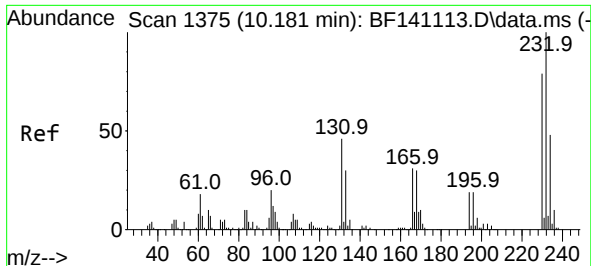
Tgt Ion:165 Resp: 391191
Ion Ratio Lower Upper
165 100
63 45.8 35.0 52.4
89 71.0 56.7 85.1
182 3.0 2.3 3.5



#58
Fluorene
Concen: 49.932 ng
RT: 10.398 min Scan# 1412
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

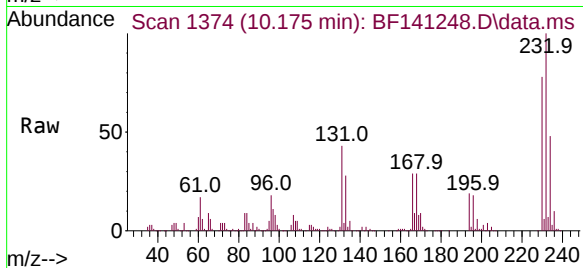
Tgt Ion:166 Resp: 1154604
Ion Ratio Lower Upper
166 100
165 98.6 77.8 116.8
167 13.6 10.8 16.2



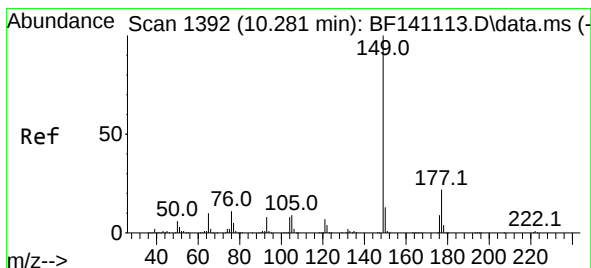
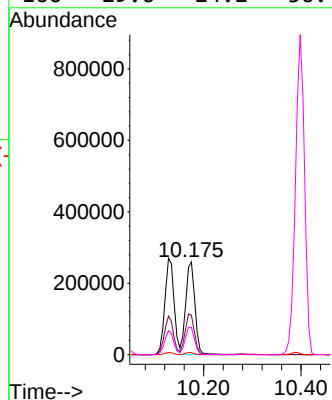
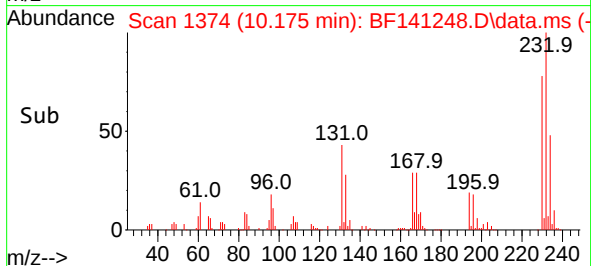


#59
2,3,4,6-Tetrachlorophenol
Concen: 55.285 ng
RT: 10.175 min Scan# 1374
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

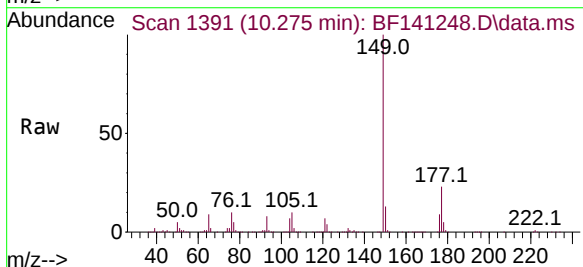
Instrument :
BNA_F
ClientSampleId :
PB166188BS



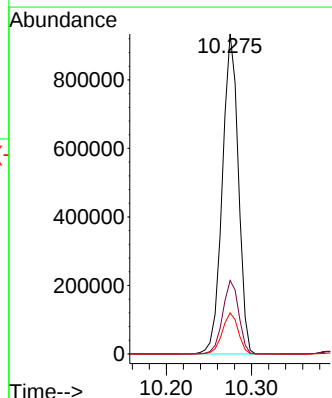
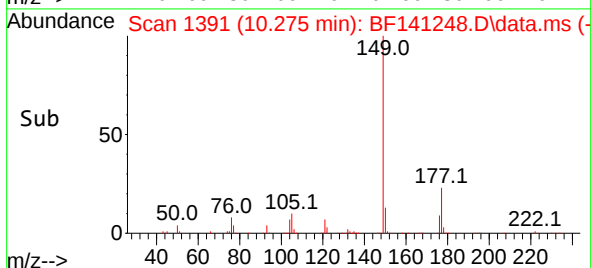
Tgt Ion:232 Resp: 340497
Ion Ratio Lower Upper
232 100
131 44.2 36.2 54.4
130 2.3 2.0 3.0
166 29.6 24.2 36.4

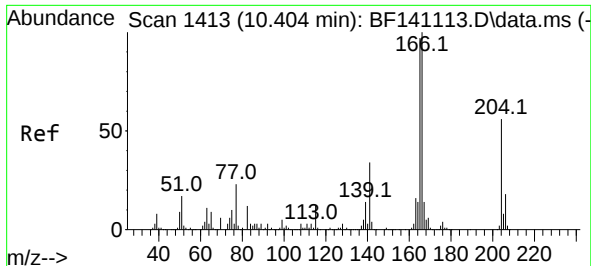


#60
Diethylphthalate
Concen: 51.346 ng
RT: 10.275 min Scan# 1391
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25



Tgt Ion:149 Resp: 1219640
Ion Ratio Lower Upper
149 100
177 23.0 17.9 26.9
150 12.8 10.2 15.2

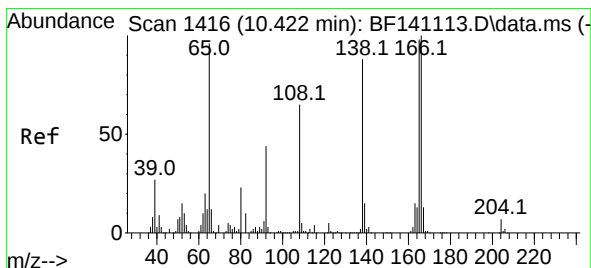
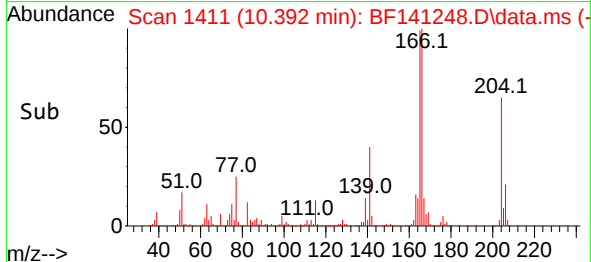
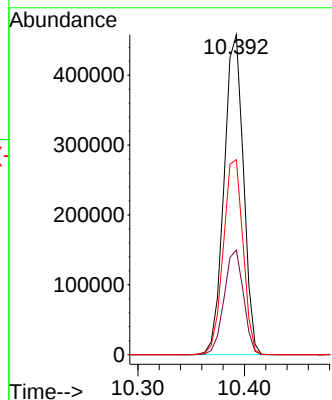
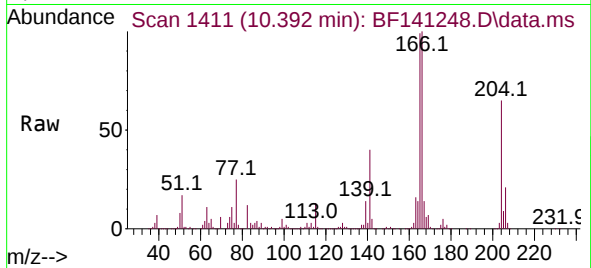




#61
4-Chlorophenyl-phenylether
Concen: 51.140 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

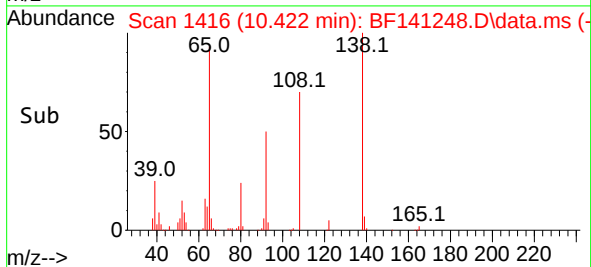
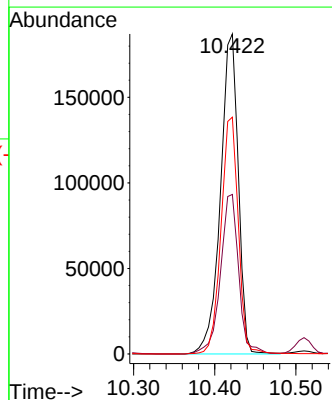
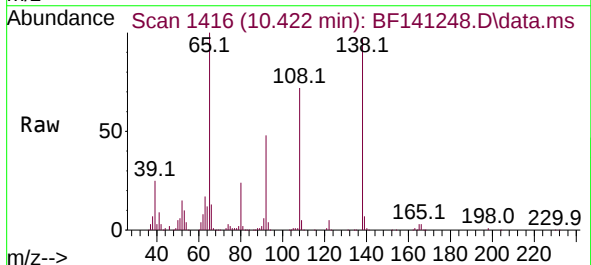
Instrument :
BNA_F
ClientSampleId :
PB166188BS

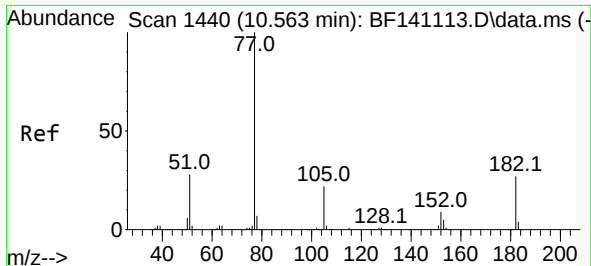
Tgt Ion:204 Resp: 576360
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 60.9 49.1 73.7



#62
4-Nitroaniline
Concen: 50.897 ng
RT: 10.422 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:138 Resp: 286431
Ion Ratio Lower Upper
138 100
92 49.8 29.4 69.4
108 74.0 53.7 93.7



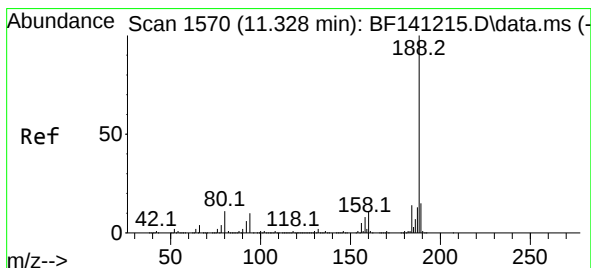
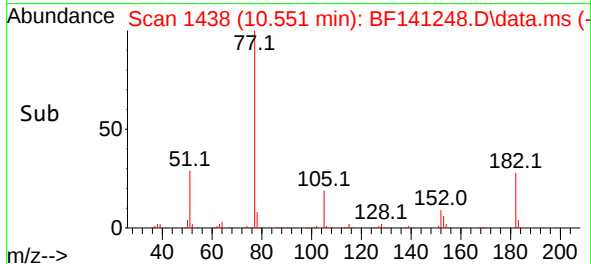
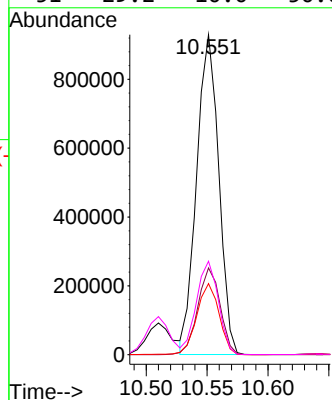
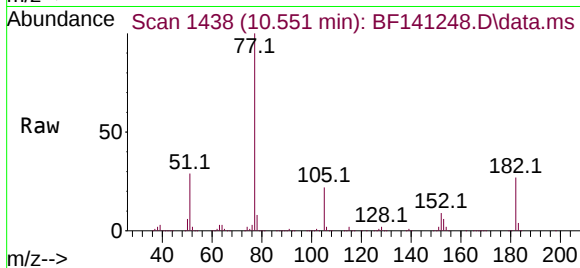


#63
Azobenzene
Concen: 50.043 ng
RT: 10.551 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Instrument :
BNA_F
ClientSampleId :
PB166188BS

Tgt Ion: 77 Resp: 1172929

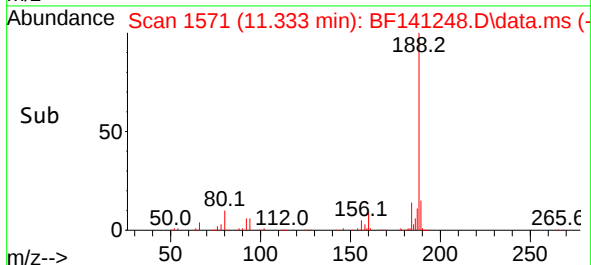
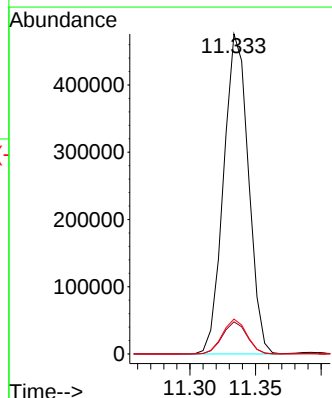
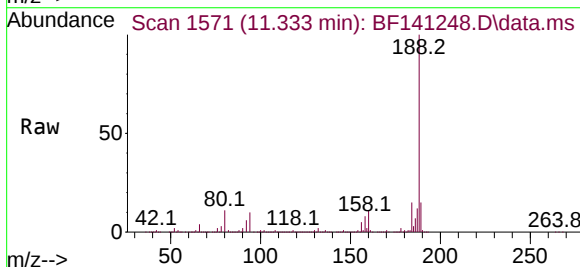
Ion	Ratio	Lower	Upper
77	100		
182	27.1	6.1	46.1
105	22.2	2.1	42.1
51	29.2	10.0	50.0

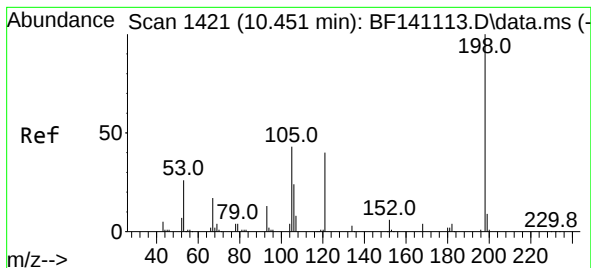


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.333 min Scan# 1571
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion: 188 Resp: 626834

Ion	Ratio	Lower	Upper
188	100		
94	10.0	8.3	12.5
80	10.9	9.0	13.4

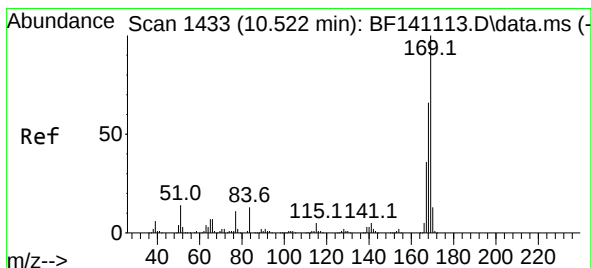
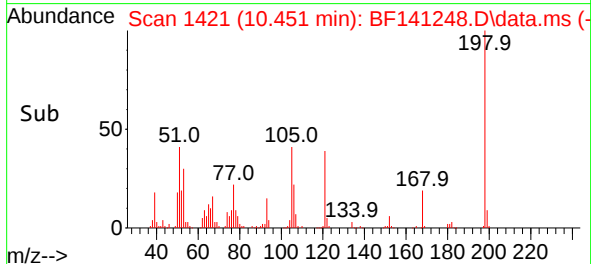
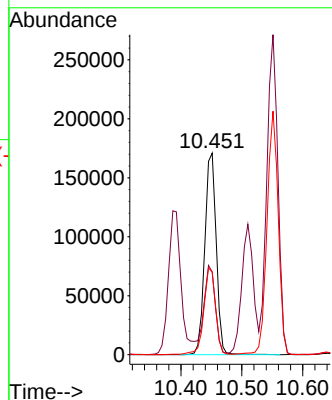
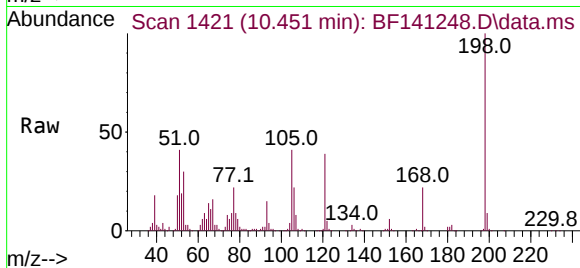




#65
4,6-Dinitro-2-methylphenol
Concen: 61.524 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.000 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

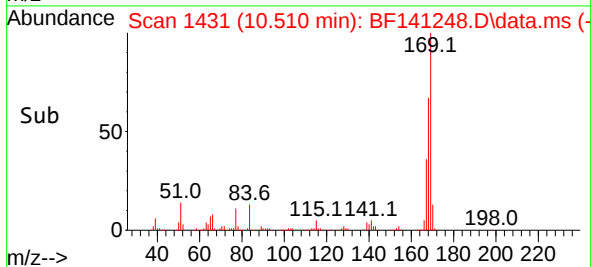
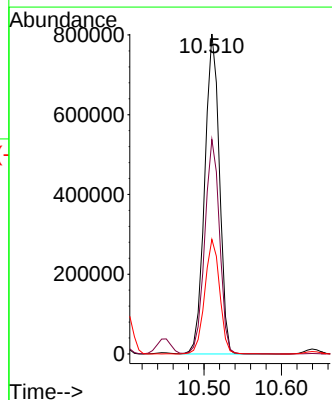
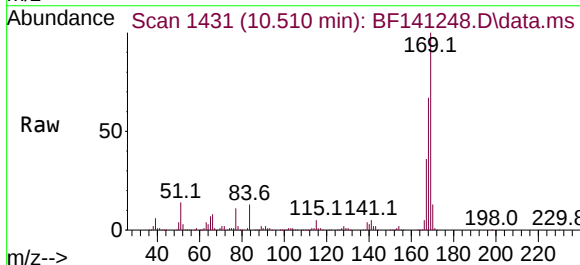
Instrument :
BNA_F
ClientSampleId :
PB166188BS

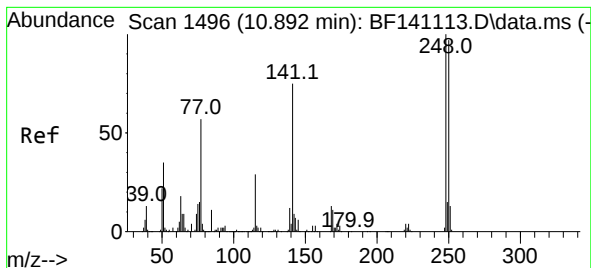
Tgt Ion:198 Resp: 223475
Ion Ratio Lower Upper
198 100
51 41.0 27.1 67.1
105 41.0 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 52.189 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:169 Resp: 1055164
Ion Ratio Lower Upper
169 100
168 67.1 52.5 78.7
167 35.8 28.9 43.3

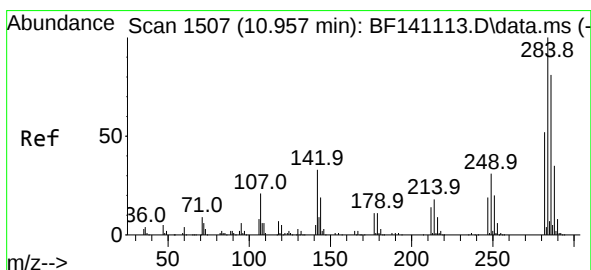
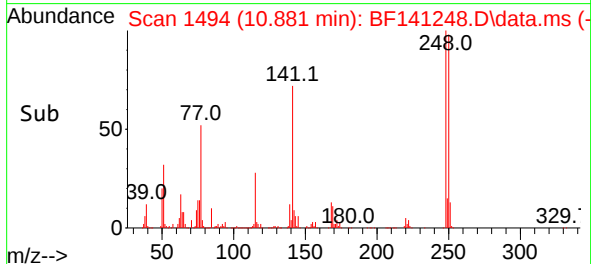
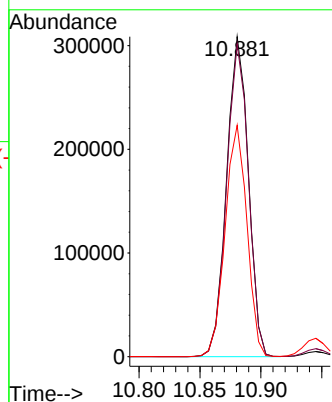
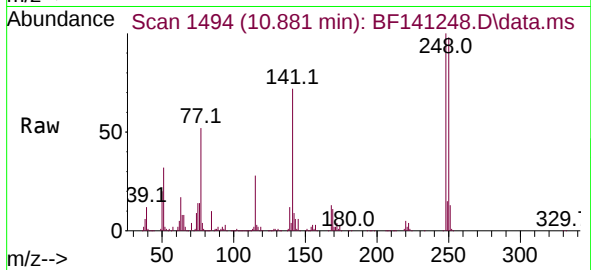




#67
4-Bromophenyl-phenylether
Concen: 53.292 ng
RT: 10.881 min Scan# 1496
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

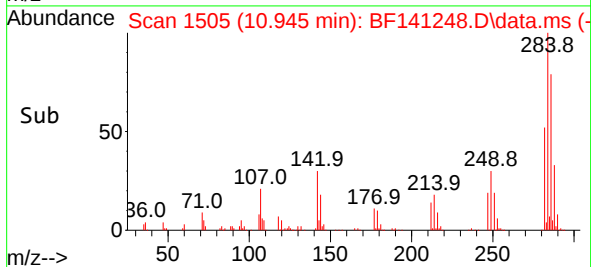
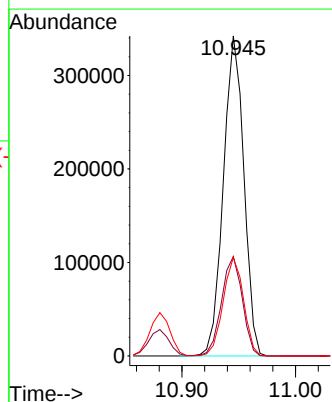
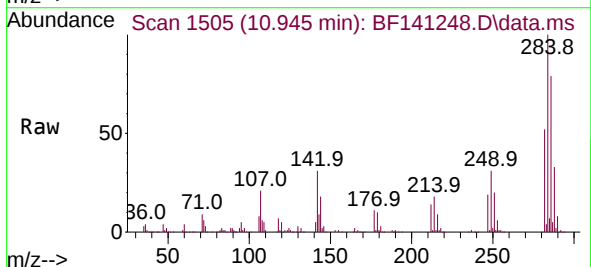
Instrument :
BNA_F
ClientSampleId :
PB166188BS

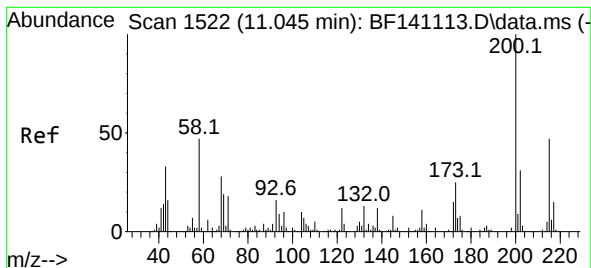
Tgt Ion:248 Resp: 384596
Ion Ratio Lower Upper
248 100
250 97.8 77.9 116.9
141 72.3 59.9 89.9



#68
Hexachlorobenzene
Concen: 53.390 ng
RT: 10.945 min Scan# 1505
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:284 Resp: 428911
Ion Ratio Lower Upper
284 100
142 31.1 26.3 39.5
249 30.8 24.9 37.3





#69

Atrazine

Concen: 67.092 ng

RT: 11.039 min Scan# 1521

Delta R.T. -0.006 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

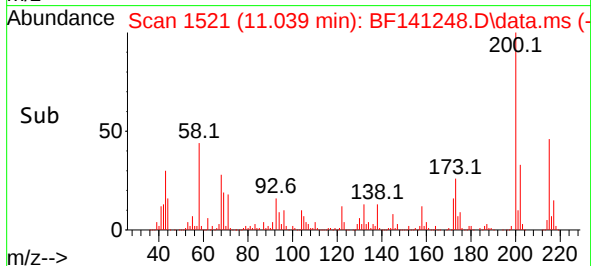
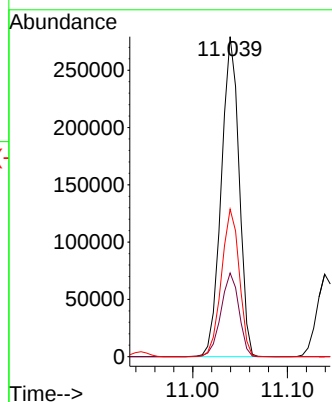
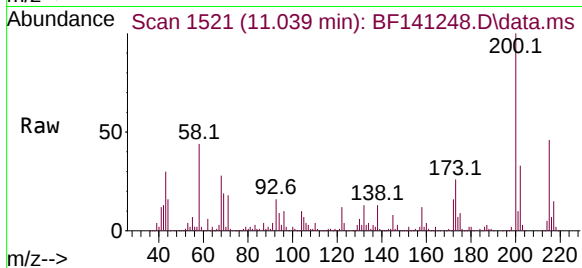
Tgt Ion:200 Resp: 365243

Ion Ratio Lower Upper

200 100

173 26.1 5.4 45.4

215 46.1 26.6 66.6



#70

Pentachlorophenol

Concen: 102.406 ng

RT: 11.139 min Scan# 1538

Delta R.T. -0.006 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

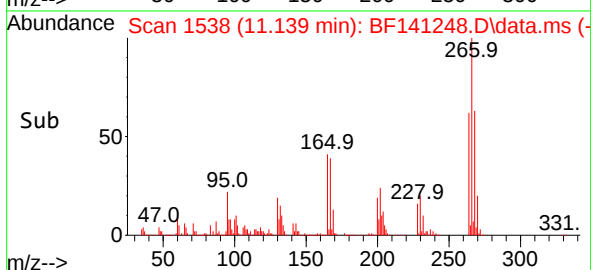
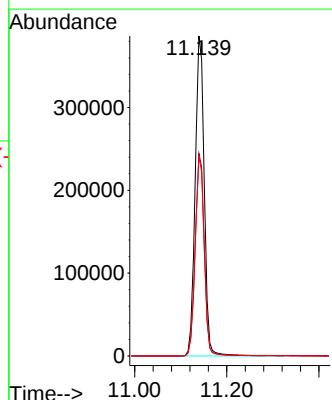
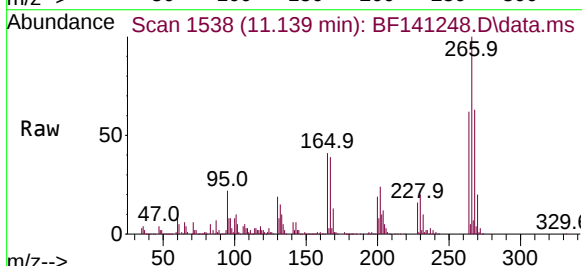
Tgt Ion:266 Resp: 526852

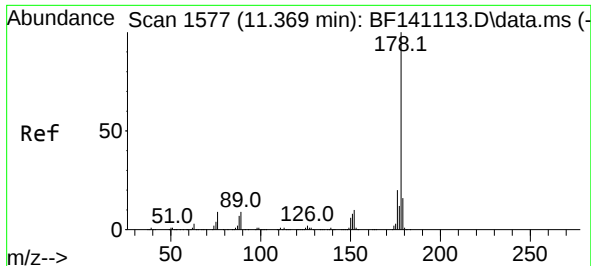
Ion Ratio Lower Upper

266 100

268 63.3 50.4 75.6

264 62.3 50.2 75.2

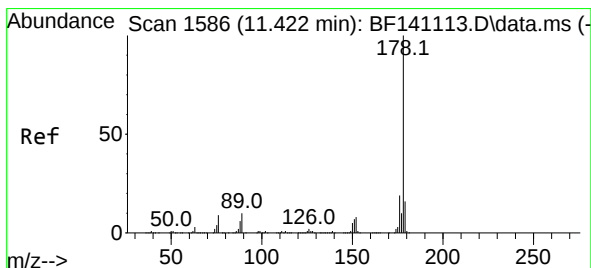
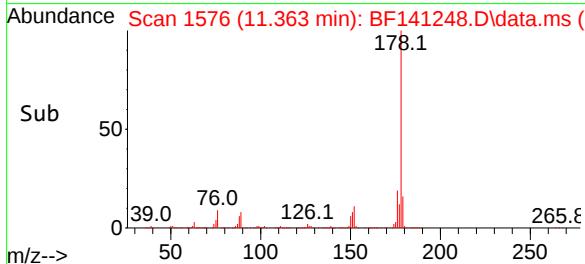
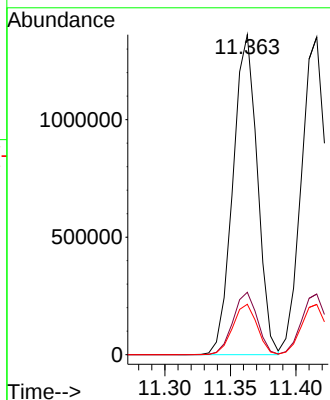
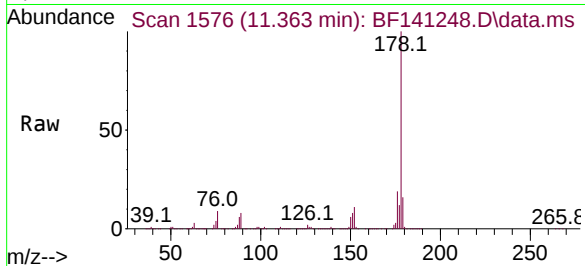




#71
Phenanthrene
Concen: 52.363 ng
RT: 11.363 min Scan# 1577
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

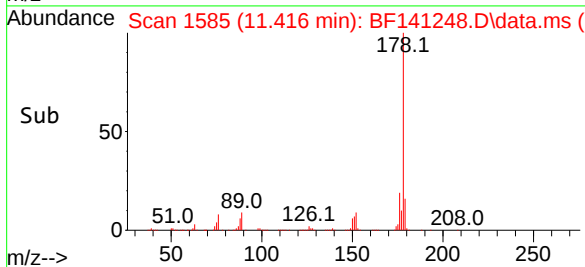
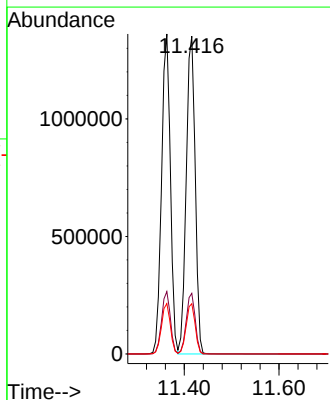
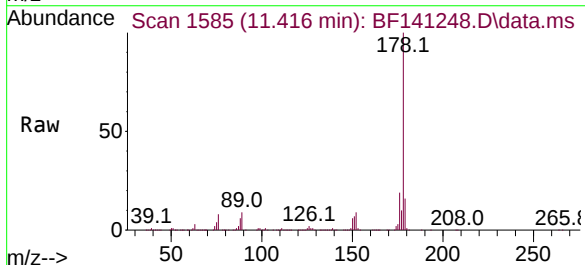
Instrument :
BNA_F
ClientSampleId :
PB166188BS

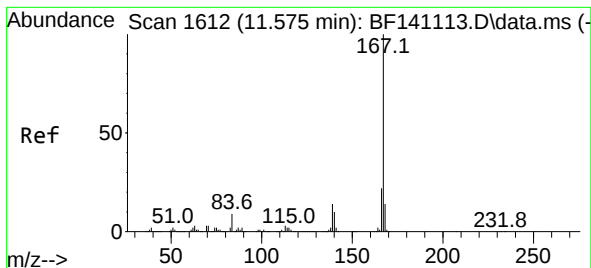
Tgt Ion:178 Resp: 1762159
Ion Ratio Lower Upper
178 100
176 19.5 15.7 23.5
179 15.8 12.6 19.0



#72
Anthracene
Concen: 54.206 ng
RT: 11.416 min Scan# 1585
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:178 Resp: 1773743
Ion Ratio Lower Upper
178 100
176 19.1 14.9 22.3
179 15.8 12.6 19.0





#73

Carbazole

Concen: 51.891 ng

RT: 11.569 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

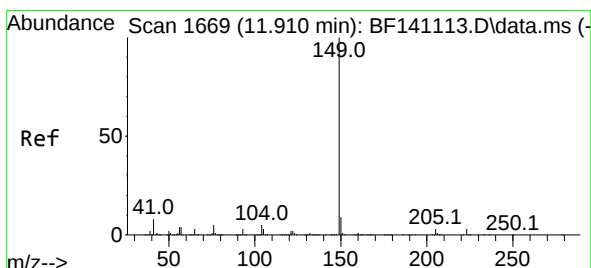
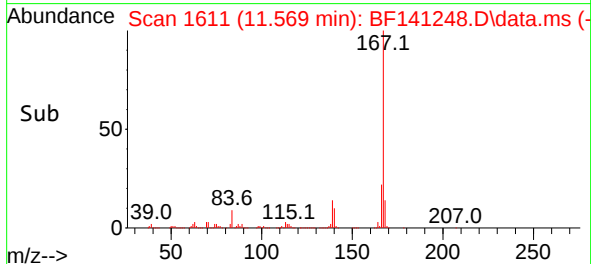
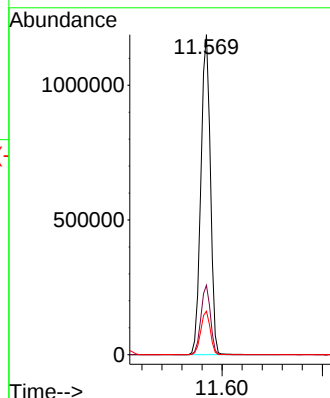
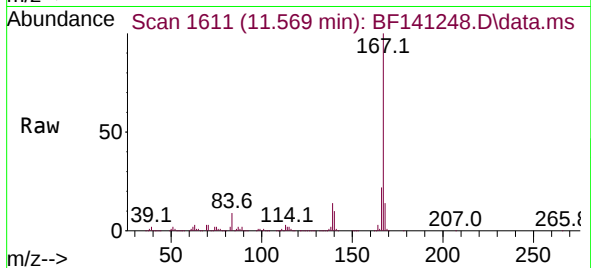
Tgt Ion:167 Resp: 1556935

Ion Ratio Lower Upper

167 100

166 21.7 17.4 26.2

139 13.6 10.9 16.3



#74

Di-n-butylphthalate

Concen: 53.764 ng

RT: 11.898 min Scan# 1667

Delta R.T. -0.012 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

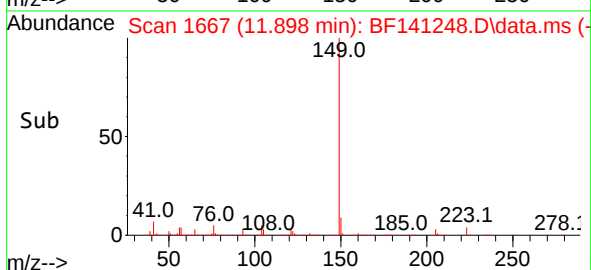
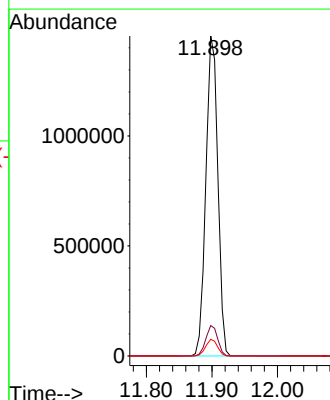
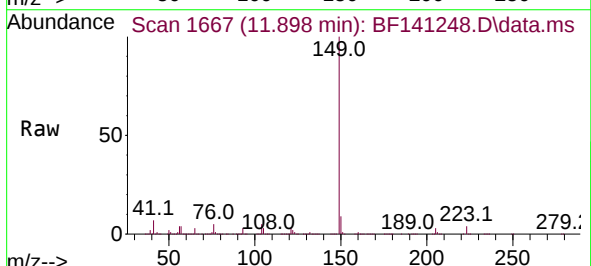
Tgt Ion:149 Resp: 1846109

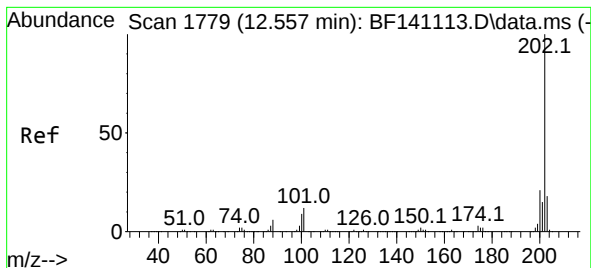
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.2 4.2 6.2





#75

Fluoranthene

Concen: 54.141 ng

RT: 12.551 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

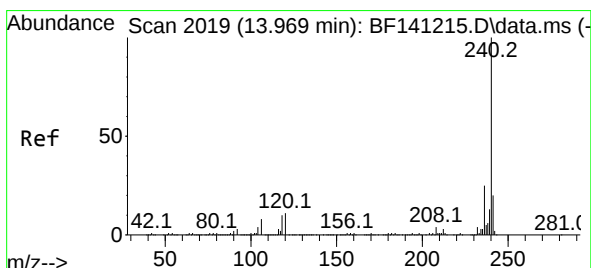
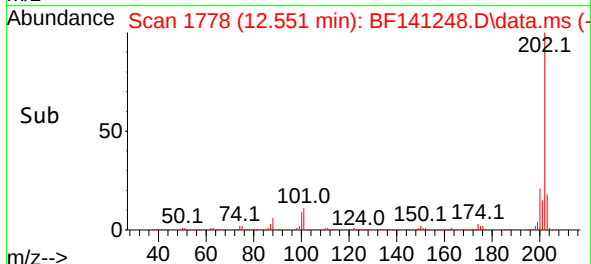
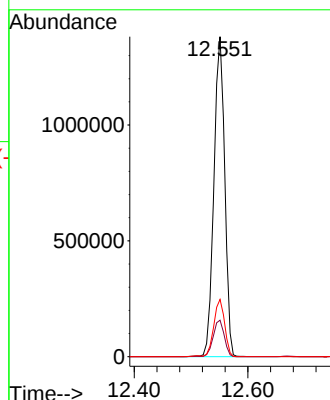
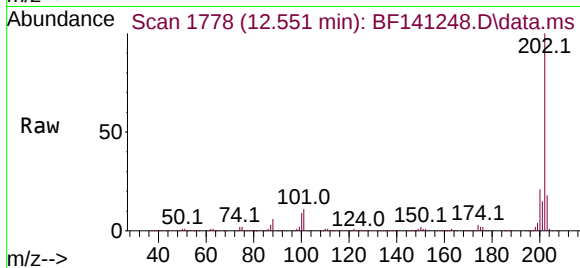
Tgt Ion:202 Resp: 1818163

Ion Ratio Lower Upper

202 100

101 11.4 0.0 32.3

203 17.9 0.0 37.7



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.006 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

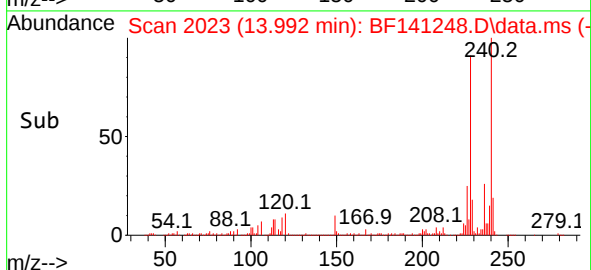
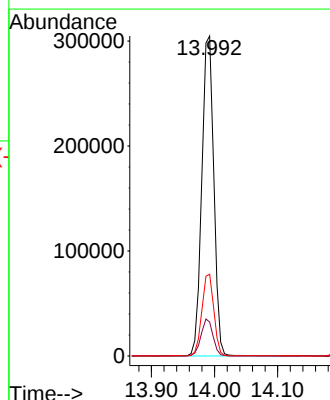
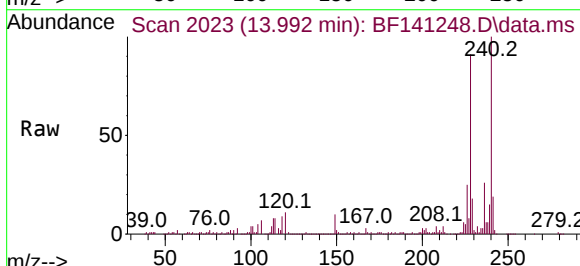
Tgt Ion:240 Resp: 402382

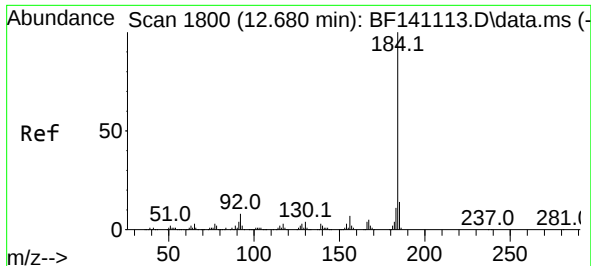
Ion Ratio Lower Upper

240 100

120 10.6 9.1 13.7

236 25.6 19.8 29.6

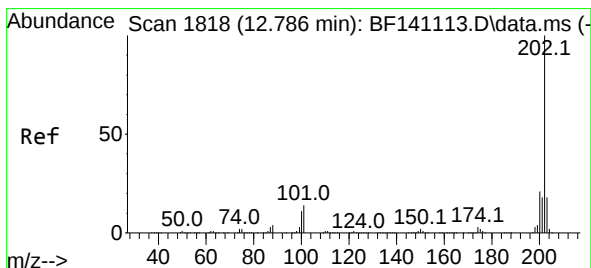
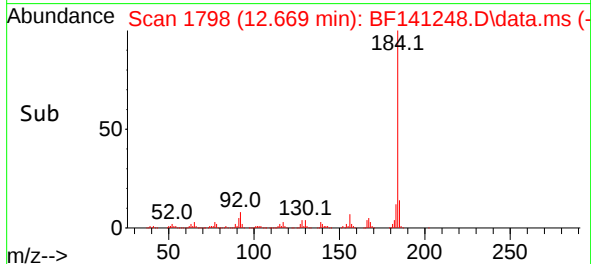
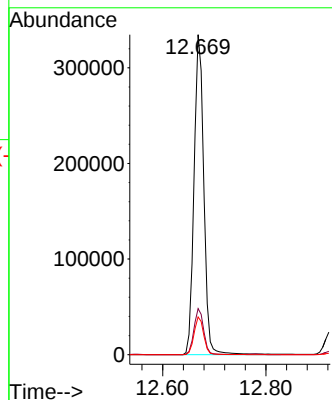
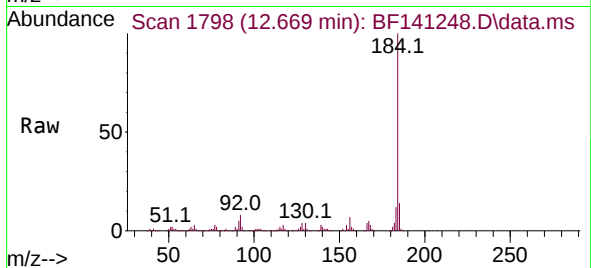




#77
Benzidine
Concen: 58.821 ng
RT: 12.669 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

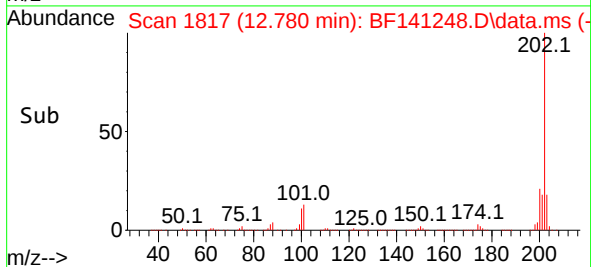
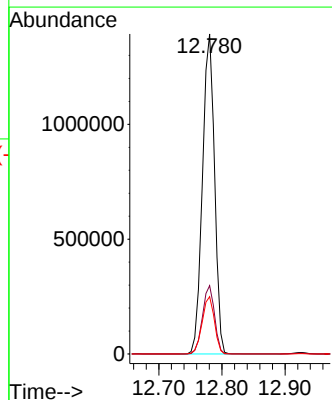
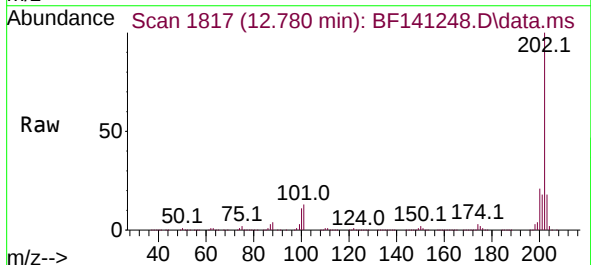
Instrument :
BNA_F
ClientSampleId :
PB166188BS

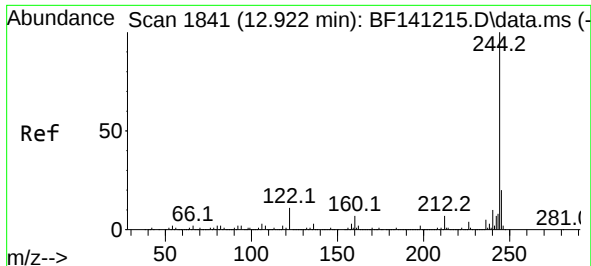
Tgt Ion:184 Resp: 438919
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.8 9.2 13.8



#78
Pyrene
Concen: 48.095 ng
RT: 12.780 min Scan# 1817
Delta R.T. -0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:202 Resp: 1848439
Ion Ratio Lower Upper
202 100
200 21.4 16.8 25.2
203 17.9 14.3 21.5

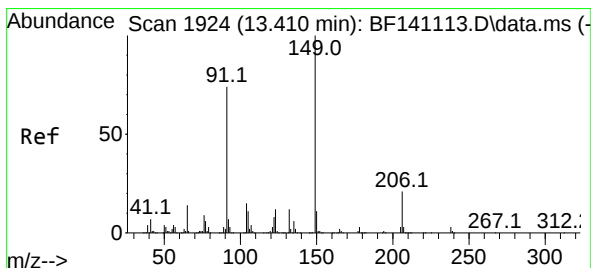
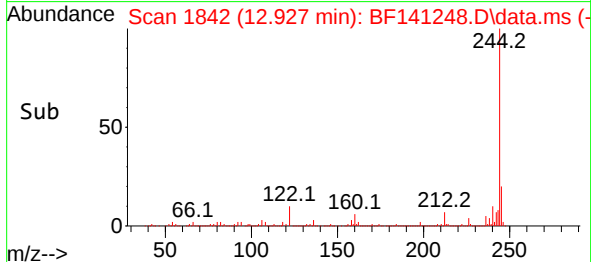
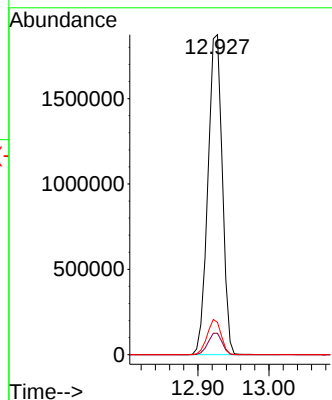
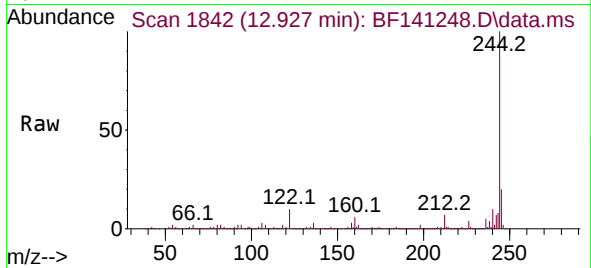




#79
 Terphenyl-d14
 Concen: 97.415 ng
 RT: 12.927 min Scan# 1841
 Delta R.T. -0.006 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

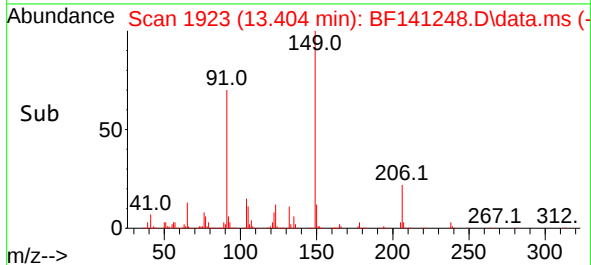
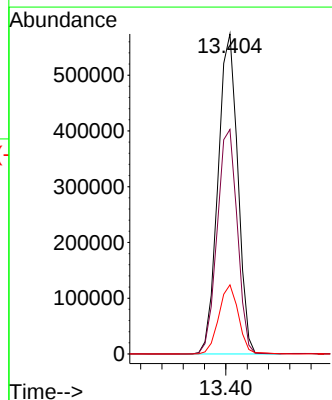
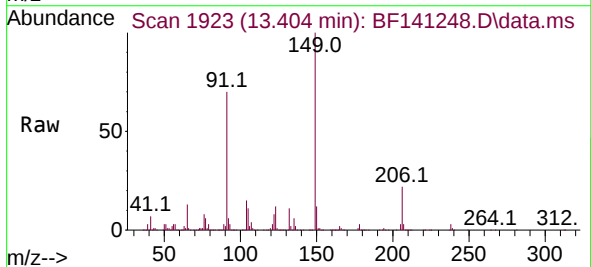
Instrument :
 BNA_F
 ClientSampleId :
 PB166188BS

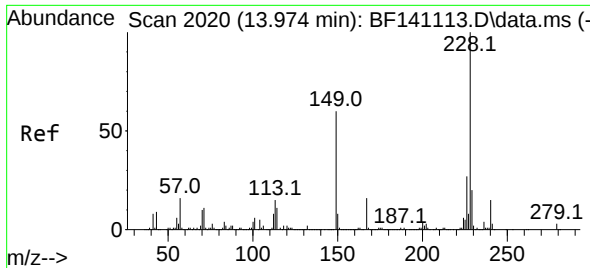
Tgt Ion:244 Resp: 2637294
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.2
 122 10.1 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 57.652 ng
 RT: 13.404 min Scan# 1923
 Delta R.T. -0.006 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

Tgt Ion:149 Resp: 738737
 Ion Ratio Lower Upper
 149 100
 91 70.1 59.0 88.6
 206 21.6 16.5 24.7

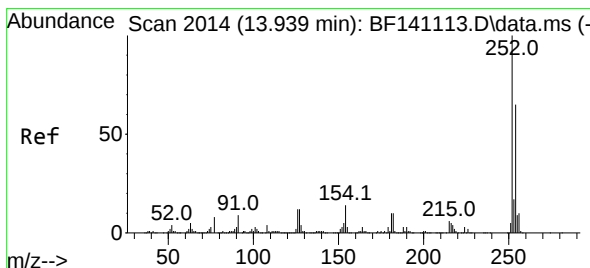
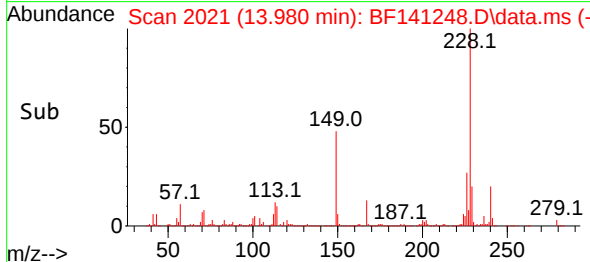
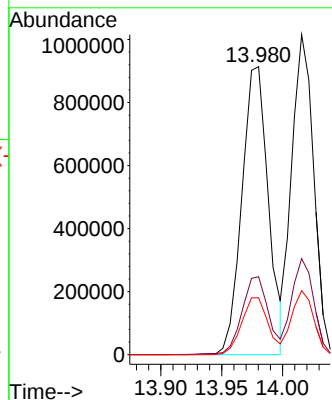
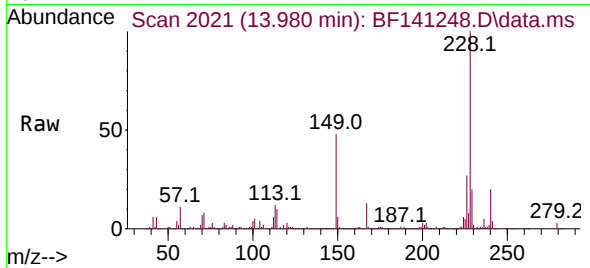




#81
Benzo(a)anthracene
Concen: 50.539 ng
RT: 13.980 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

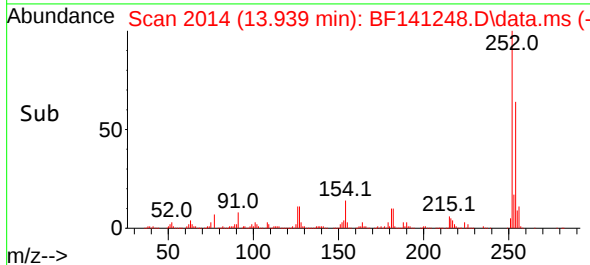
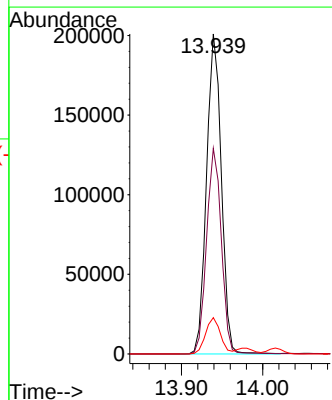
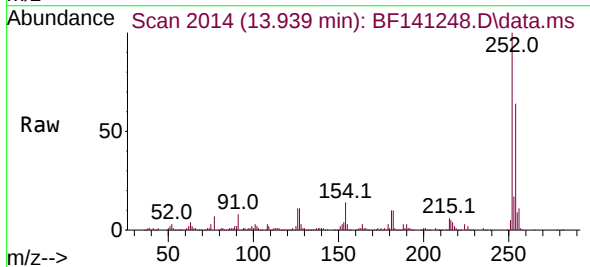
Instrument :
BNA_F
ClientSampleId :
PB166188BS

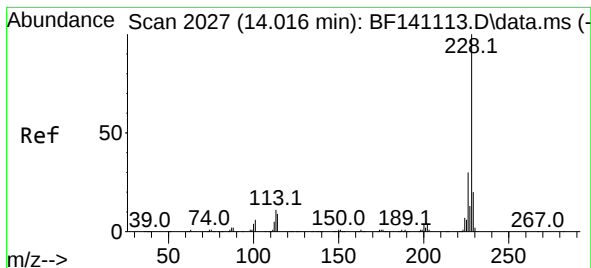
Tgt Ion:228 Resp: 1383972
Ion Ratio Lower Upper
228 100
226 27.1 21.7 32.5
229 19.8 15.7 23.5



#82
3,3'-Dichlorobenzidine
Concen: 29.078 ng
RT: 13.939 min Scan# 2014
Delta R.T. 0.000 min
Lab File: BF141248.D
Acq: 23 Jan 2025 14:25

Tgt Ion:252 Resp: 253549
Ion Ratio Lower Upper
252 100
254 64.2 52.0 78.0
126 11.3 9.4 14.0





#83

Chrysene

Concen: 49.895 ng

RT: 14.016 min Scan# 2027

Delta R.T. 0.000 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

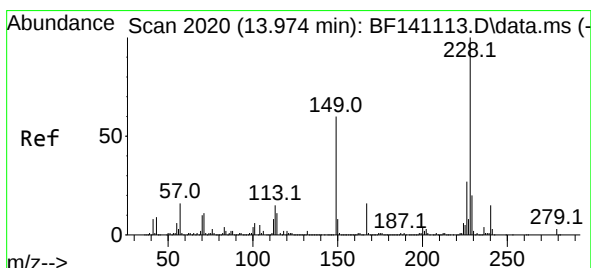
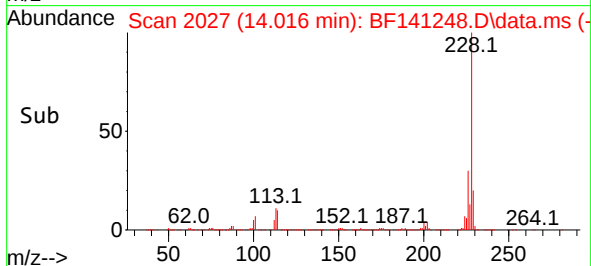
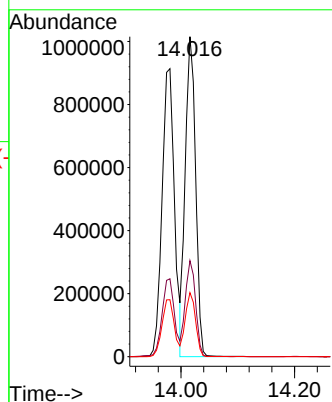
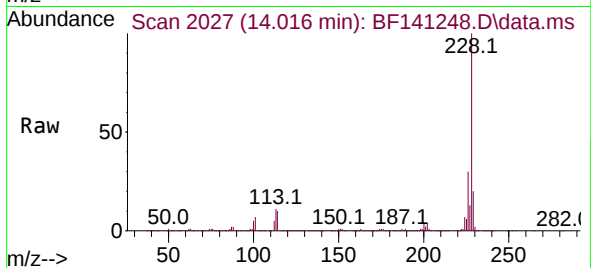
Tgt Ion:228 Resp: 1278485

Ion Ratio Lower Upper

228 100

226 30.0 23.8 35.8

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 61.522 ng

RT: 13.974 min Scan# 2020

Delta R.T. 0.000 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

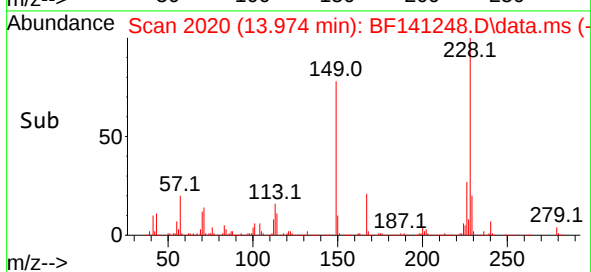
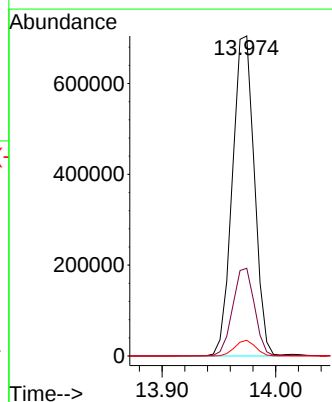
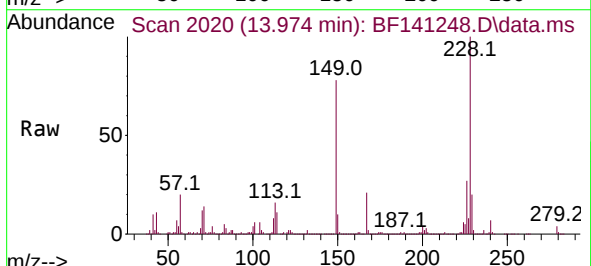
Tgt Ion:149 Resp: 945873

Ion Ratio Lower Upper

149 100

167 27.4 21.4 32.2

279 4.9 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 62.910 ng

RT: 14.610 min Scan# 21

Delta R.T. 0.024 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

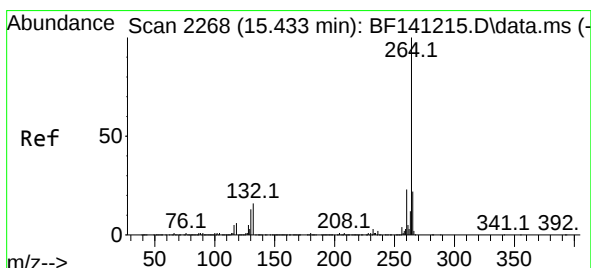
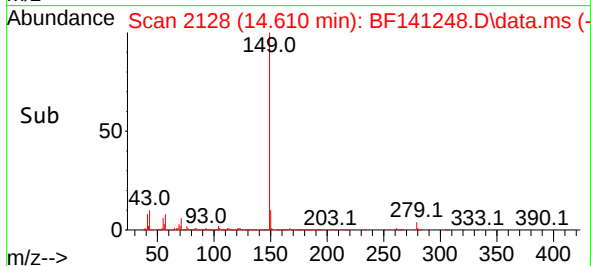
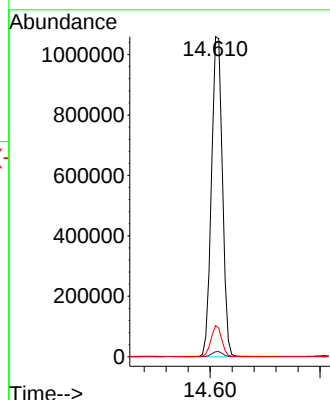
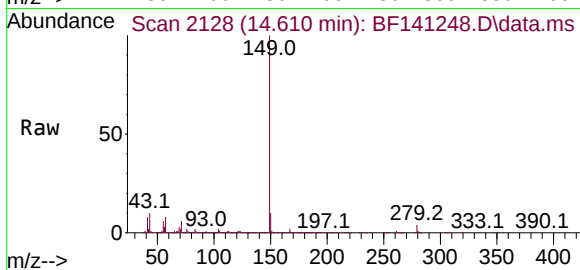
Tgt Ion:149 Resp: 1460558

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 9.3 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.469 min Scan# 2274

Delta R.T. 0.030 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

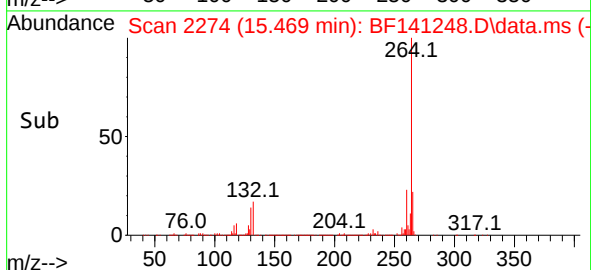
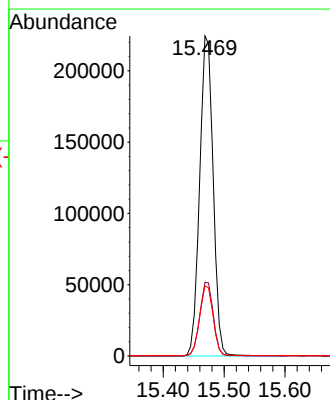
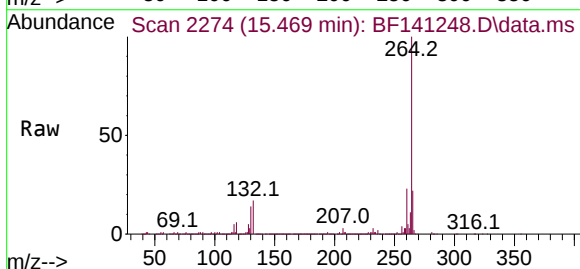
Tgt Ion:264 Resp: 345730

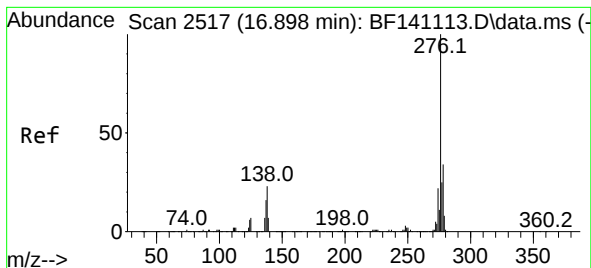
Ion Ratio Lower Upper

264 100

260 23.1 18.6 28.0

265 21.9 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 49.244 ng

RT: 16.933 min Scan# 21

Delta R.T. 0.035 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

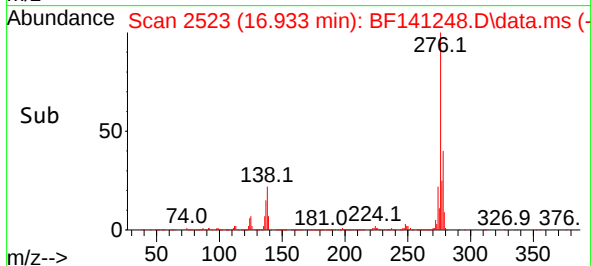
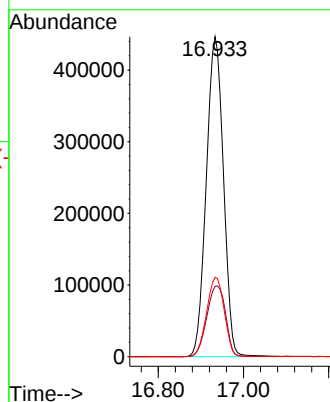
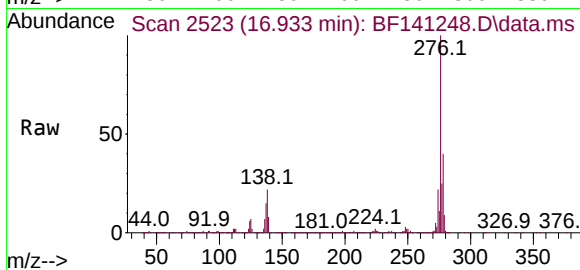
Tgt Ion:276 Resp: 1247303

Ion Ratio Lower Upper

276 100

138 24.2 20.7 31.1

277 25.7 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 51.513 ng

RT: 15.051 min Scan# 2203

Delta R.T. 0.029 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

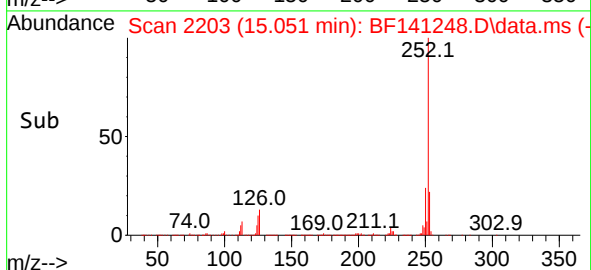
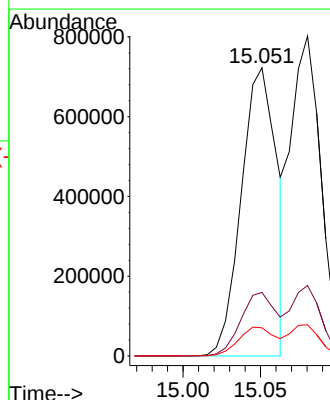
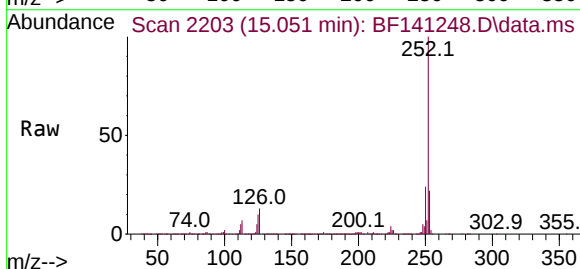
Tgt Ion:252 Resp: 1148414

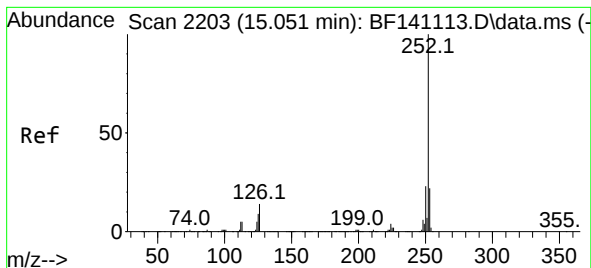
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 9.8 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 57.231 ng

RT: 15.080 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

Instrument :

BNA_F

ClientSampleId :

PB166188BS

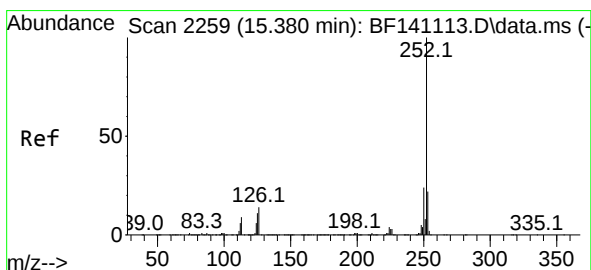
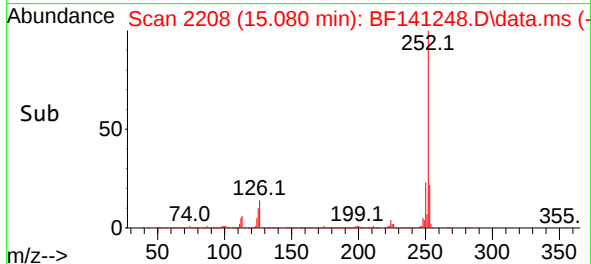
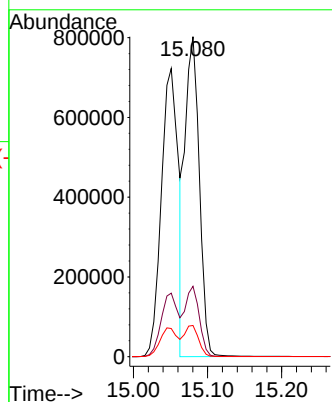
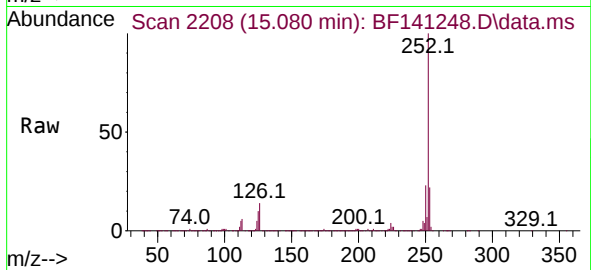
Tgt Ion:252 Resp: 1078245

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.8 7.9 11.9



#90

Benzo(a)pyrene

Concen: 56.045 ng

RT: 15.416 min Scan# 2265

Delta R.T. 0.035 min

Lab File: BF141248.D

Acq: 23 Jan 2025 14:25

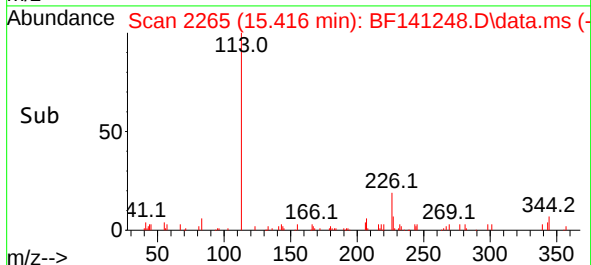
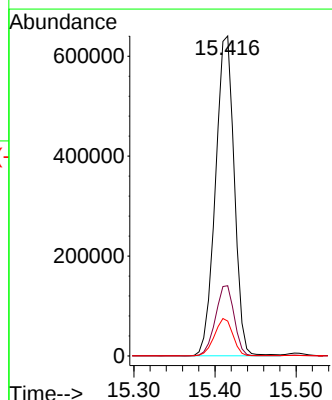
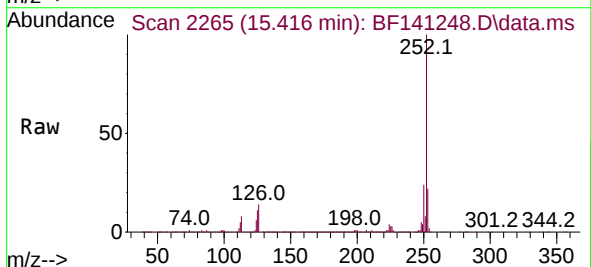
Tgt Ion:252 Resp: 1030861

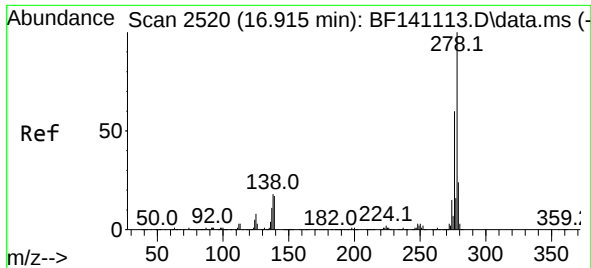
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 10.9 9.1 13.7

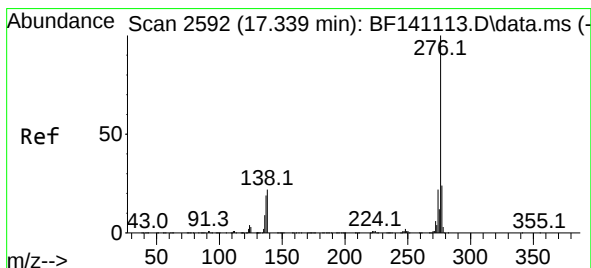
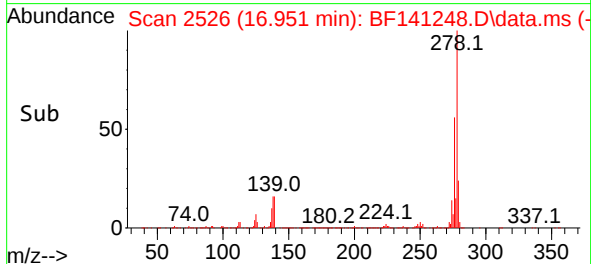
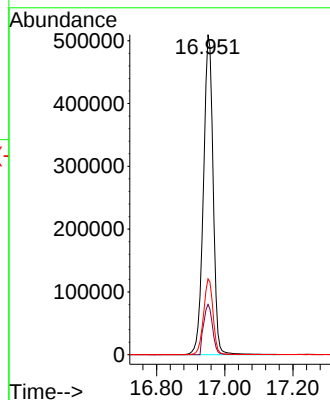
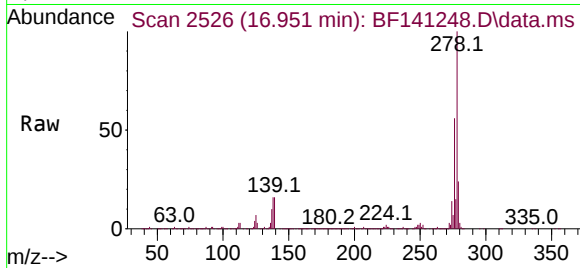




#91
 Dibenzo(a,h)anthracene
 Concen: 49.205 ng
 RT: 16.951 min Scan# 21
 Delta R.T. 0.035 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

Instrument :
 BNA_F
 ClientSampleId :
 PB166188BS

Tgt Ion:278 Resp: 1008039
 Ion Ratio Lower Upper
 278 100
 139 15.7 13.8 20.6
 279 23.7 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 44.274 ng
 RT: 17.374 min Scan# 2598
 Delta R.T. 0.035 min
 Lab File: BF141248.D
 Acq: 23 Jan 2025 14:25

Tgt Ion:276 Resp: 943427
 Ion Ratio Lower Upper
 276 100
 277 24.0 19.0 28.4
 138 20.7 17.4 26.2

