

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF011525\
 Data File : BF141172.D
 Acq On : 15 Jan 2025 13:38
 Operator : RC/JU
 Sample : PB166061BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166061BS

Quant Time: Jan 15 14:09:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF011025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 10 22:54:19 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	125655	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	494978	20.000	ng	0.00
39) Acenaphthene-d10	9.863	164	264175	20.000	ng	0.00
64) Phenanthrene-d10	11.345	188	452645	20.000	ng	0.00
76) Chrysene-d12	13.986	240	303424	20.000	ng	0.00
86) Perylene-d12	15.445	264	262459	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.440	112	1127705	138.640	ng	0.01
7) Phenol-d6	6.445	99	1424904	138.293	ng	0.00
23) Nitrobenzene-d5	7.381	82	892254	95.554	ng	0.00
42) 2,4,6-Tribromophenol	10.651	330	468311	155.580	ng	0.00
45) 2-Fluorobiphenyl	9.181	172	1639957	94.797	ng	0.00
79) Terphenyl-d14	12.933	244	1970268	96.512	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.628	88	156795	43.287	ng 100
3) Pyridine	3.363	79	388416	43.728	ng 98
4) n-Nitrosodimethylamine	3.316	42	215018	49.507	ng 99
6) Aniline	6.481	93	353898	38.687	ng 98
8) 2-Chlorophenol	6.604	128	457309	52.403	ng 96
9) Benzaldehyde	6.363	77	55655	9.171	ng 99
10) Phenol	6.463	94	557434	50.540	ng 96
11) bis(2-Chloroethyl)ether	6.557	93	406930	49.507	ng 98
12) 1,3-Dichlorobenzene	6.757	146	472098	48.504	ng 99
13) 1,4-Dichlorobenzene	6.839	146	481103	49.051	ng 99
14) 1,2-Dichlorobenzene	6.987	146	459155	50.186	ng 99
15) Benzyl Alcohol	6.963	79	383977	51.604	ng 99
16) 2,2'-oxybis(1-Chloropr...	7.092	45	550143	47.963	ng 97
17) 2-Methylphenol	7.069	107	364075	51.675	ng 99
18) Hexachloroethane	7.334	117	172983	48.770	ng 97
19) n-Nitroso-di-n-propyla...	7.234	70	298704	49.215	ng 97
20) 3+4-Methylphenols	7.222	107	456394	51.345	ng 91
22) Acetophenone	7.228	105	594750	50.545	ng # 95
24) Nitrobenzene	7.404	77	470238	48.319	ng 99
25) Isophorone	7.639	82	811569	50.857	ng 99
26) 2-Nitrophenol	7.716	139	236745	53.479	ng 97
27) 2,4-Dimethylphenol	7.751	122	361074	60.469	ng 98
28) bis(2-Chloroethoxy)met...	7.851	93	492644	49.192	ng 99
29) 2,4-Dichlorophenol	7.957	162	371144	52.334	ng 99
30) 1,2,4-Trichlorobenzene	8.045	180	389479	48.047	ng 99
31) Naphthalene	8.128	128	1300768	49.832	ng 99
32) Benzoic acid	7.869	122	286894	50.086	ng 99
33) 4-Chloroaniline	8.169	127	186433	20.652	ng 99
34) Hexachlorobutadiene	8.239	225	235776	48.271	ng 99
35) Caprolactam	8.539	113	121929m	52.514	ng
36) 4-Chloro-3-methylphenol	8.657	107	403179	51.983	ng 99
37) 2-Methylnaphthalene	8.816	142	845856	50.852	ng 100
38) 1-Methylnaphthalene	8.916	142	784309	47.844	ng 99
40) 1,2,4,5-Tetrachloroben...	8.980	216	385980	50.905	ng 99
41) Hexachlorocyclopentadiene	8.969	237	465991	187.848	ng 99
43) 2,4,6-Trichlorophenol	9.092	196	272398	53.267	ng 99

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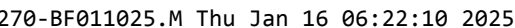
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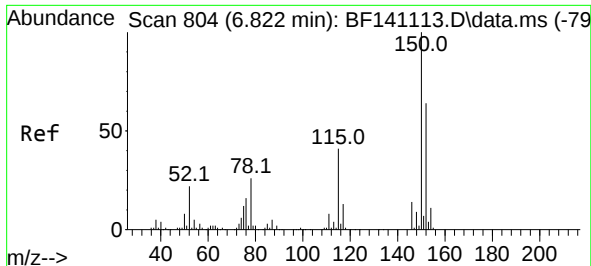
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.133	196	270073	50.006	ng	99
46) 1,1'-Biphenyl	9.280	154	1016465	49.545	ng	99
47) 2-Chloronaphthalene	9.304	162	777411	48.651	ng	100
48) 2-Nitroaniline	9.398	65	247443	52.239	ng	99
49) Acenaphthylene	9.722	152	1221518	53.506	ng	99
50) Dimethylphthalate	9.586	163	893858	50.400	ng	99
51) 2,6-Dinitrotoluene	9.645	165	207427	50.295	ng	99
52) Acenaphthene	9.892	154	918132	57.563	ng	100
53) 3-Nitroaniline	9.810	138	120126	28.662	ng	97
54) 2,4-Dinitrophenol	9.916	184	239218	122.030	ng	97
55) Dibenzofuran	10.069	168	1106789	51.016	ng	99
56) 4-Nitrophenol	9.969	139	364246	110.972	ng	94
57) 2,4-Dinitrotoluene	10.045	165	288706	54.319	ng	99
58) Fluorene	10.410	166	853769	50.654	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.180	232	242021	53.911	ng	99
60) Diethylphthalate	10.286	149	860679	49.710	ng	99
61) 4-Chlorophenyl-phenyle...	10.404	204	412896	50.262	ng	99
62) 4-Nitroaniline	10.427	138	212430	51.787	ng	98
63) Azobenzene	10.563	77	854110	49.994	ng	99
65) 4,6-Dinitro-2-methylph...	10.457	198	159388	60.767	ng	94
66) n-Nitrosodiphenylamine	10.522	169	760298	52.076	ng	99
67) 4-Bromophenyl-phenylether	10.892	248	265942	51.032	ng	98
68) Hexachlorobenzene	10.957	284	308124	53.114	ng	98
69) Atrazine	11.045	200	256384	65.219	ng	99
70) Pentachlorophenol	11.151	266	392836	105.741	ng	99
71) Phenanthrene	11.369	178	1319932	54.316	ng	100
72) Anthracene	11.422	178	1332321	56.385	ng	99
73) Carbazole	11.574	167	1198881	55.334	ng	99
74) Di-n-butylphthalate	11.910	149	1286652	51.891	ng	100
75) Fluoranthene	12.557	202	1388188	57.245	ng	99
77) Benzidine	12.680	184	268054	47.639	ng	100
78) Pyrene	12.786	202	1436638	49.572	ng	100
80) Butylbenzylphthalate	13.410	149	508795	52.657	ng	98
81) Benzo(a)anthracene	13.974	228	1046000	50.654	ng	100
82) 3,3'-Dichlorobenzidine	13.939	252	214412	32.609	ng	100
83) Chrysene	14.015	228	998963	51.701	ng	100
84) Bis(2-ethylhexyl)phtha...	13.968	149	604164	52.112	ng	99
85) Di-n-octyl phthalate	14.586	149	881079	50.327	ng	97
87) Indeno(1,2,3-cd)pyrene	16.904	276	975311	50.722	ng	98
88) Benzo(b)fluoranthene	15.021	252	939329	55.502	ng	100
89) Benzo(k)fluoranthene	15.051	252	767255	53.645	ng	99
90) Benzo(a)pyrene	15.386	252	809001	57.937	ng	99
91) Dibenzo(a,h)anthracene	16.921	278	792781	50.976	ng	98
92) Benzo(g,h,i)perylene	17.339	276	723237	44.709	ng	99

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

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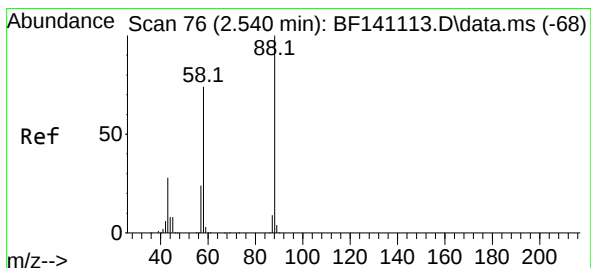
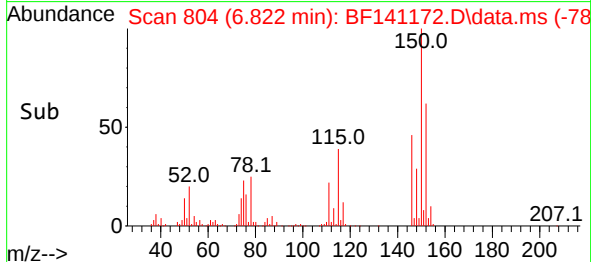
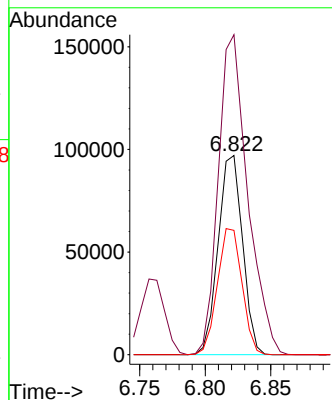
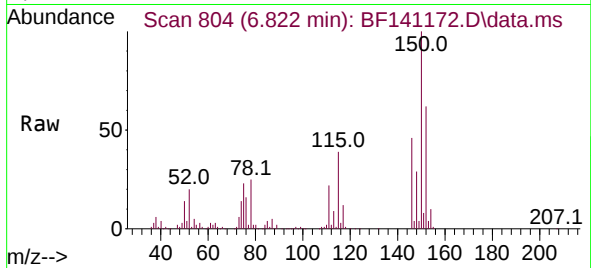




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF141172.D
 Acq: 15 Jan 2025 13:38

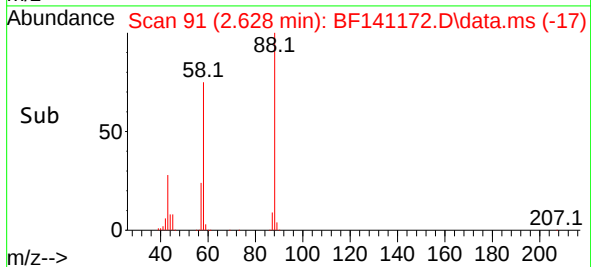
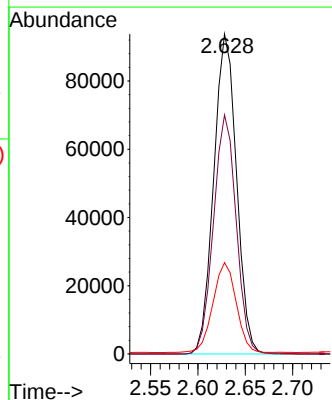
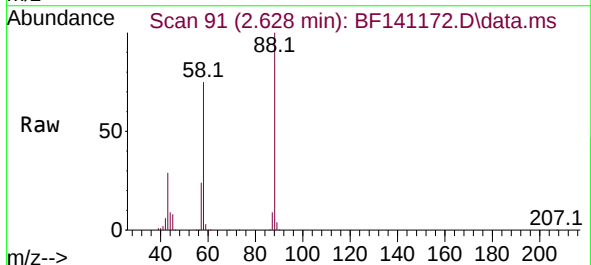
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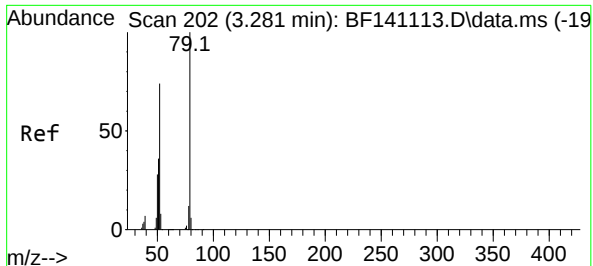
Tgt Ion:152 Resp: 125655
 Ion Ratio Lower Upper
 152 100
 150 160.7 125.8 188.8
 115 62.5 51.4 77.2



#2
 1,4-Dioxane
 Concen: 43.287 ng
 RT: 2.628 min Scan# 91
 Delta R.T. 0.088 min
 Lab File: BF141172.D
 Acq: 15 Jan 2025 13:38

Tgt Ion: 88 Resp: 156795
 Ion Ratio Lower Upper
 88 100
 58 74.7 60.1 90.1
 43 28.7 23.1 34.7

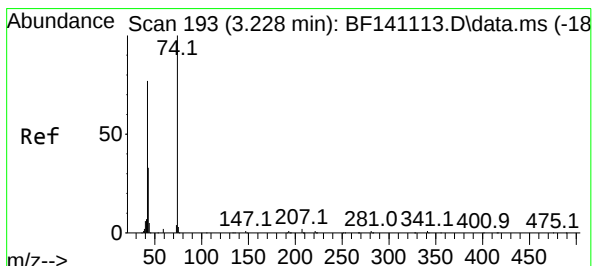
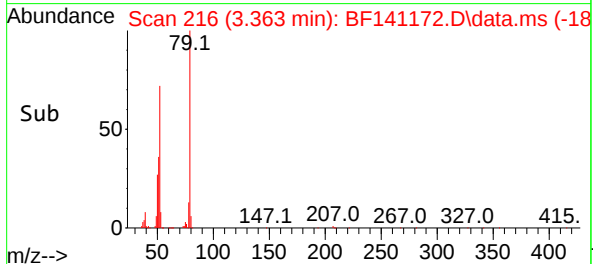
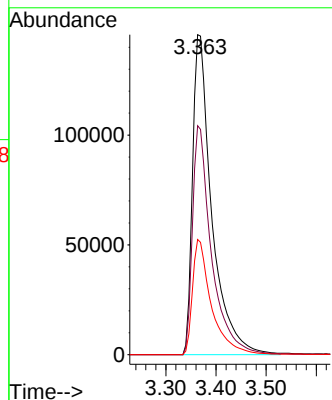
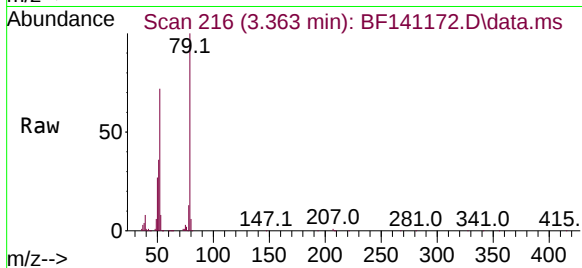




#3
Pyridine
Concen: 43.728 ng
RT: 3.363 min Scan# 21
Delta R.T. 0.082 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

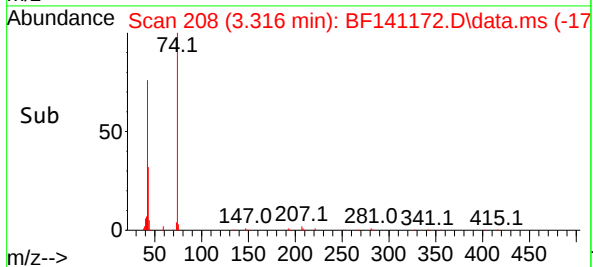
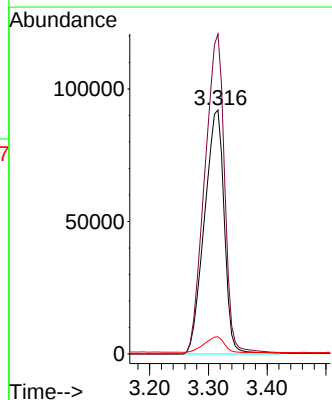
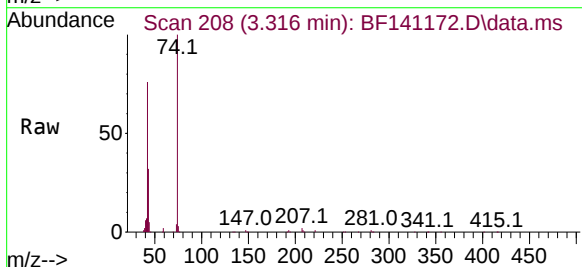
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion: 79 Resp: 388416
Ion Ratio Lower Upper
79 100
52 71.5 58.9 88.3
51 36.0 29.1 43.7



#4
n-Nitrosodimethylamine
Concen: 49.507 ng
RT: 3.316 min Scan# 208
Delta R.T. 0.088 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion: 42 Resp: 215018
Ion Ratio Lower Upper
42 100
74 131.1 103.8 155.6
44 7.0 5.3 7.9

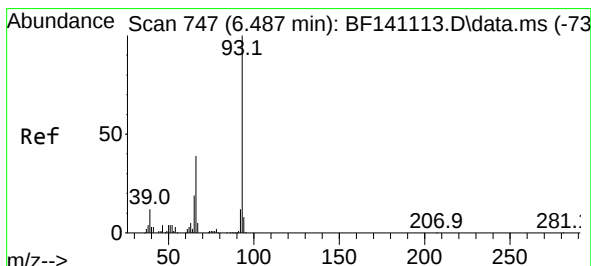
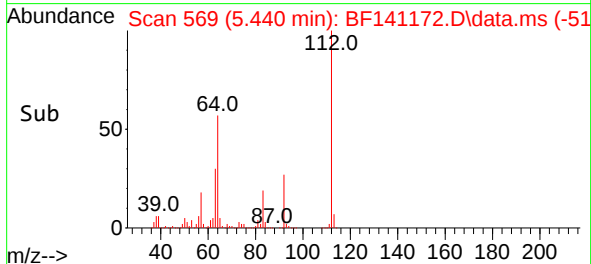
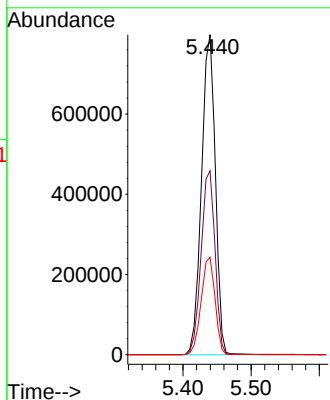
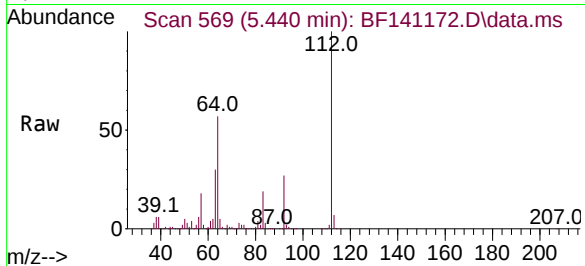




#5
2-Fluorophenol
Concen: 138.640 ng
RT: 5.440 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

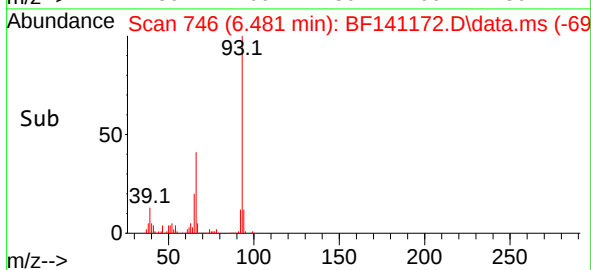
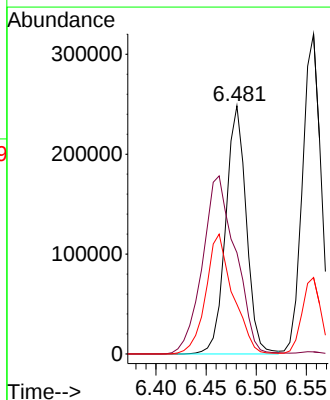
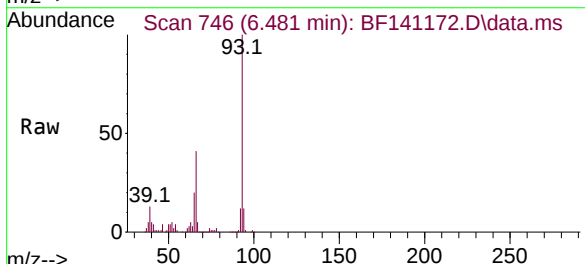
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:112 Resp: 1127705
Ion Ratio Lower Upper
112 100
64 57.5 47.3 70.9
63 30.4 24.2 36.2



#6
Aniline
Concen: 38.687 ng
RT: 6.481 min Scan# 746
Delta R.T. -0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion: 93 Resp: 353898
Ion Ratio Lower Upper
93 100
66 40.8 31.5 47.3
65 20.0 15.3 22.9





#7

Phenol-d6

Concen: 138.293 ng

RT: 6.445 min Scan# 740

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

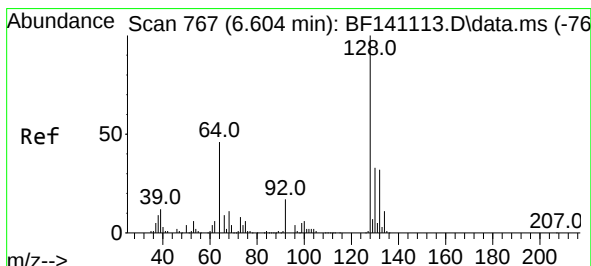
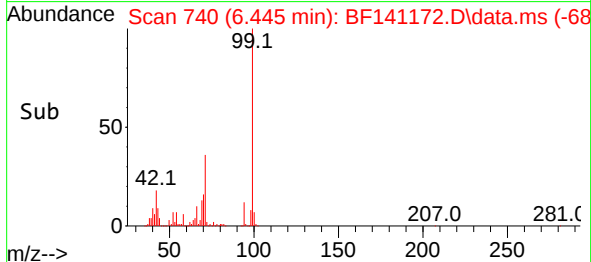
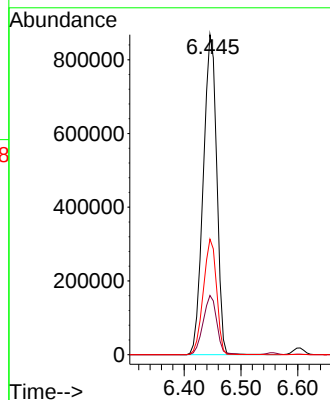
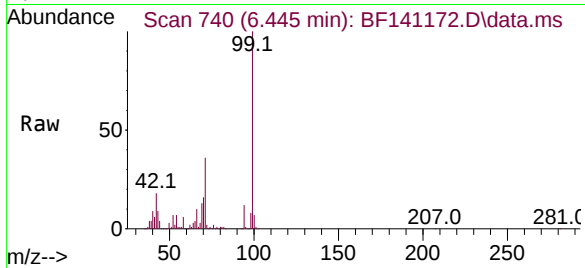
BNA_F

ClientSampleId :

PB166061BS

Tgt Ion: 99 Resp: 1424904

Ion	Ratio	Lower	Upper
99	100		
42	18.5	15.0	22.4
71	36.1	27.6	41.4



#8

2-Chlorophenol

Concen: 52.403 ng

RT: 6.604 min Scan# 767

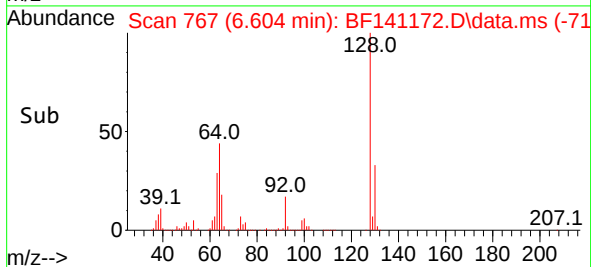
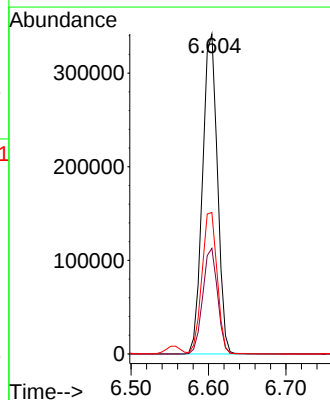
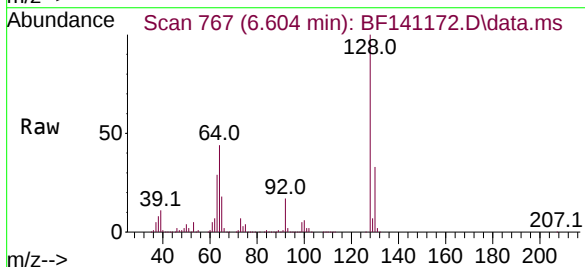
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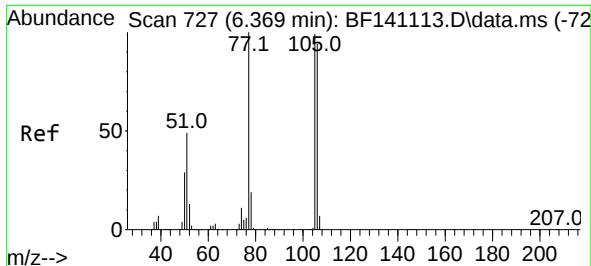
Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Tgt Ion: 128 Resp: 457309

Ion	Ratio	Lower	Upper
128	100		
130	33.0	12.5	52.5
64	44.2	28.3	68.3

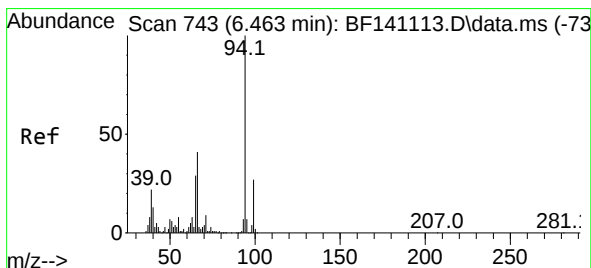
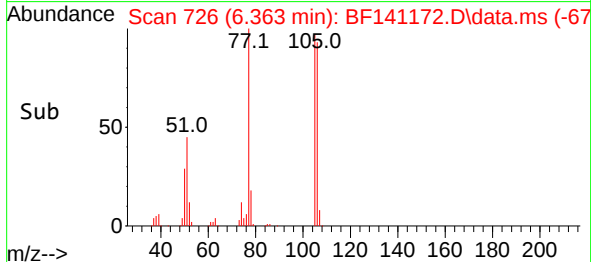
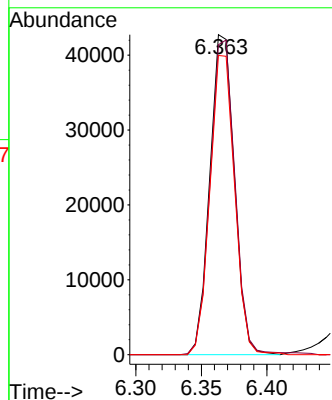
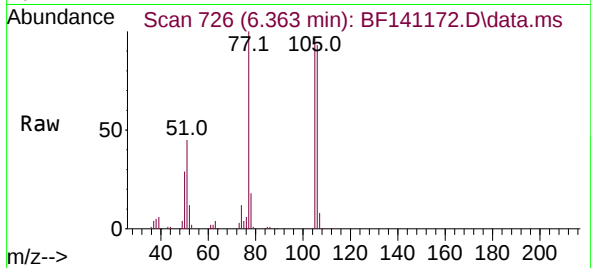




#9
Benzaldehyde
Concen: 9.171 ng
RT: 6.363 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

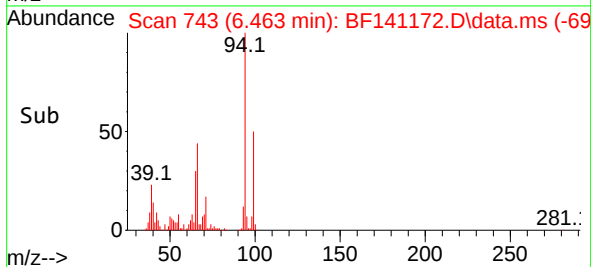
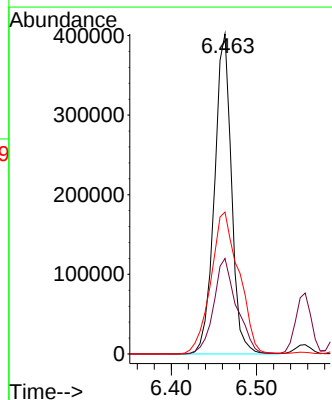
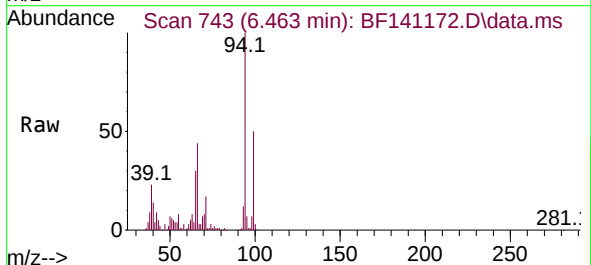
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion: 77 Resp: 55655
Ion Ratio Lower Upper
77 100
105 96.9 78.9 118.9
106 93.5 73.6 113.6



#10
Phenol
Concen: 50.540 ng
RT: 6.463 min Scan# 743
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion: 94 Resp: 557434
Ion Ratio Lower Upper
94 100
65 29.9 8.9 48.9
66 44.3 21.2 61.2

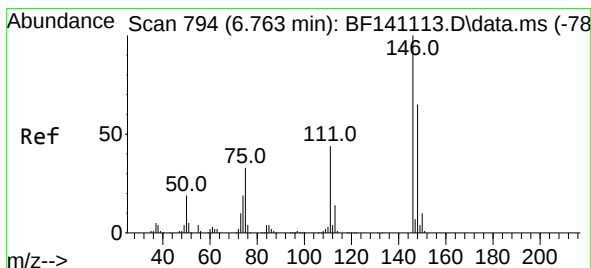
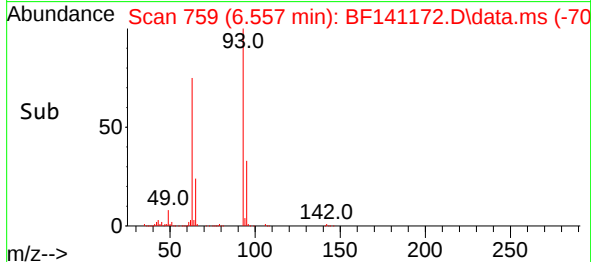
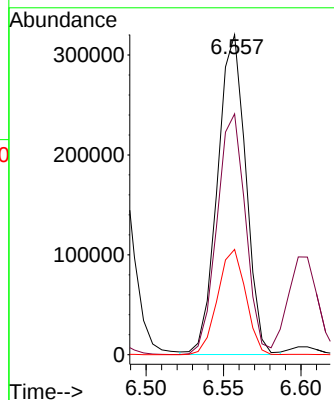
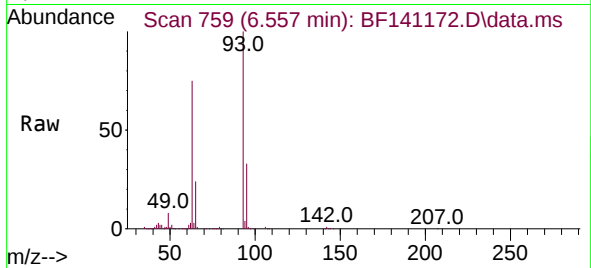




#11
bis(2-Chloroethyl)ether
Concen: 49.507 ng
RT: 6.557 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

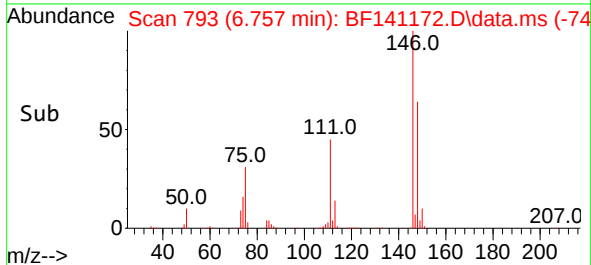
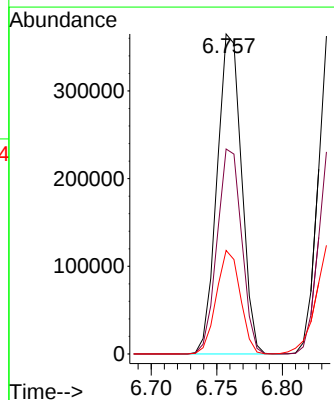
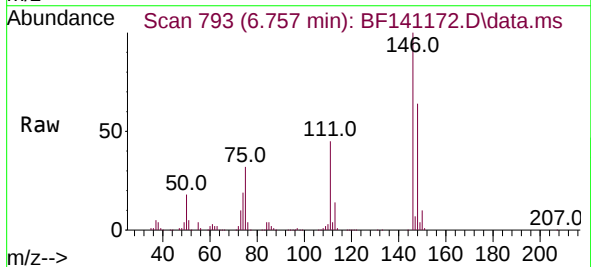
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion: 93 Resp: 406930
Ion Ratio Lower Upper
93 100
63 75.2 58.0 98.0
95 32.9 12.5 52.5



#12
1,3-Dichlorobenzene
Concen: 48.504 ng
RT: 6.757 min Scan# 793
Delta R.T. -0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:146 Resp: 472098
Ion Ratio Lower Upper
146 100
148 64.1 51.6 77.4
75 32.4 26.2 39.2





#13

1,4-Dichlorobenzene

Concen: 49.051 ng

RT: 6.839 min Scan# 807

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

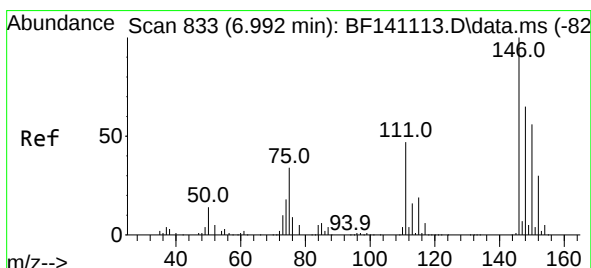
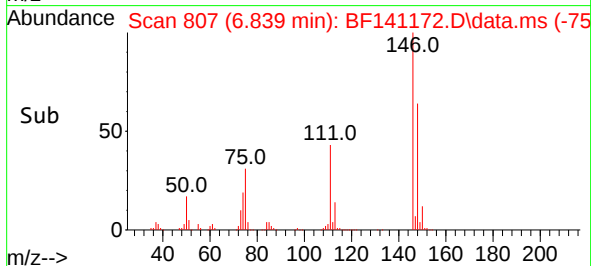
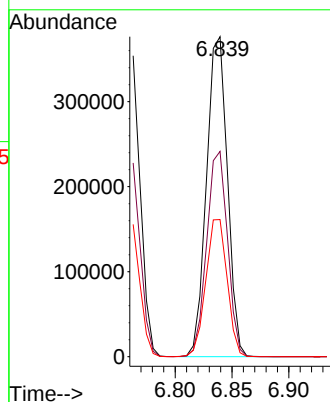
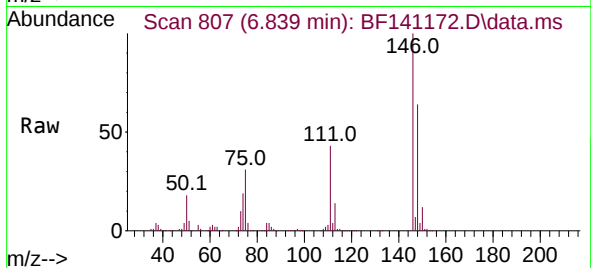
Tgt Ion:146 Resp: 481103

Ion Ratio Lower Upper

146 100

148 64.1 51.0 76.6

111 42.8 34.9 52.3



#14

1,2-Dichlorobenzene

Concen: 50.186 ng

RT: 6.987 min Scan# 832

Delta R.T. -0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

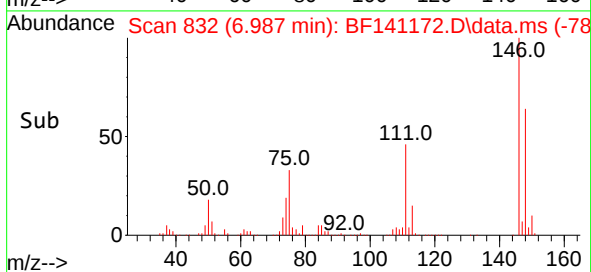
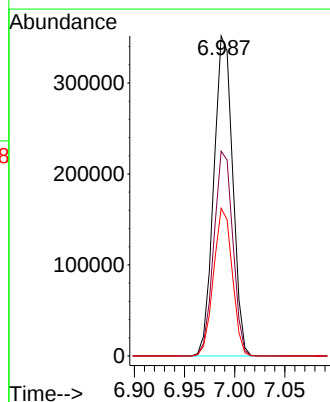
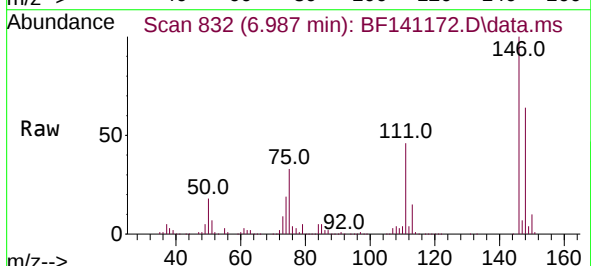
Tgt Ion:146 Resp: 459155

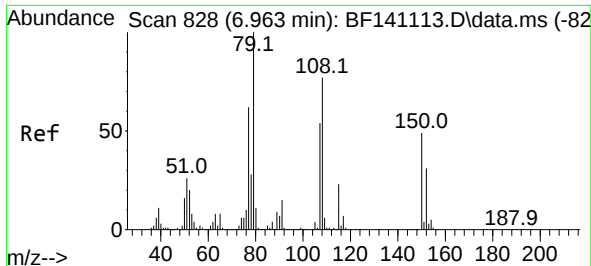
Ion Ratio Lower Upper

146 100

148 64.0 52.2 78.4

111 46.2 37.5 56.3

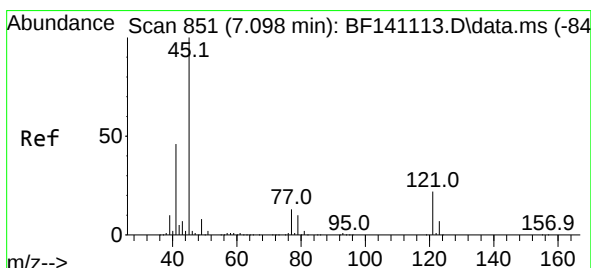
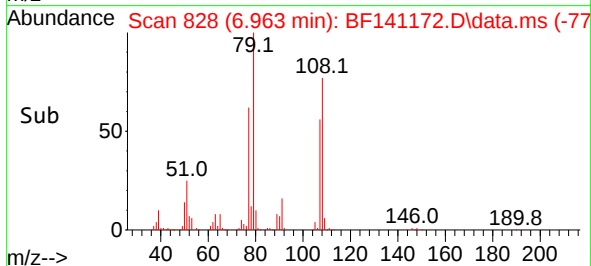
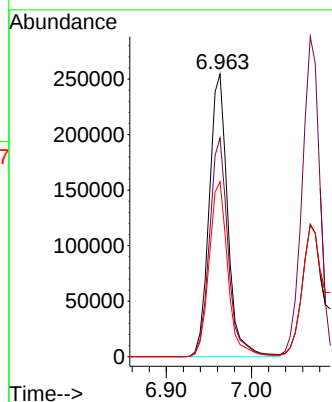
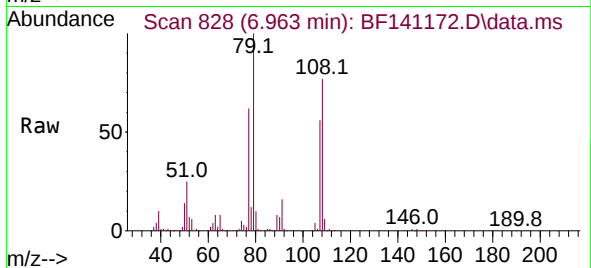




#15
Benzyl Alcohol
Concen: 51.604 ng
RT: 6.963 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

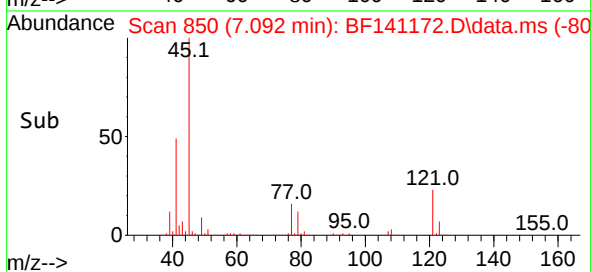
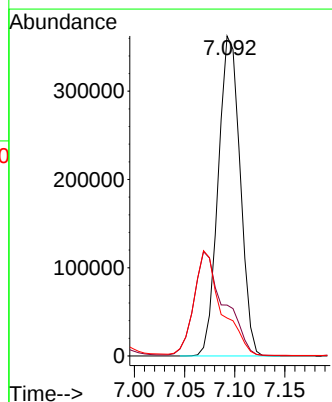
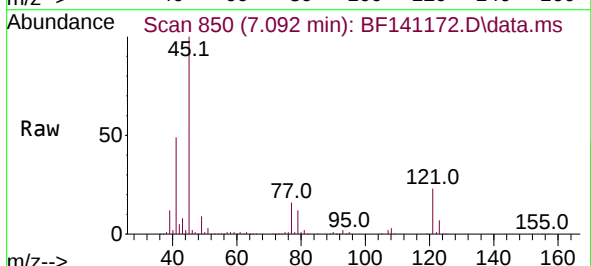
Instrument :
BNA_F
ClientSampleId :
PB166061BS

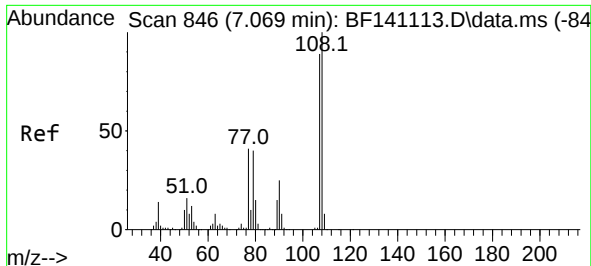
Tgt Ion: 79 Resp: 383977
Ion Ratio Lower Upper
79 100
108 77.4 61.4 92.0
77 61.9 49.8 74.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 47.963 ng
RT: 7.092 min Scan# 850
Delta R.T. -0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

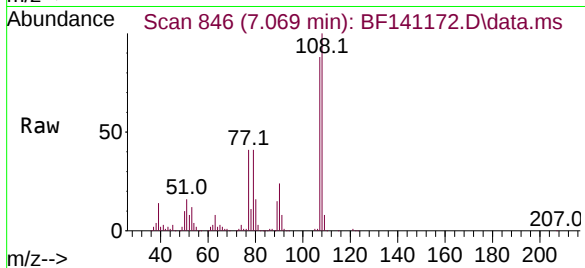
Tgt Ion: 45 Resp: 550143
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.1
79 11.9 0.0 31.0



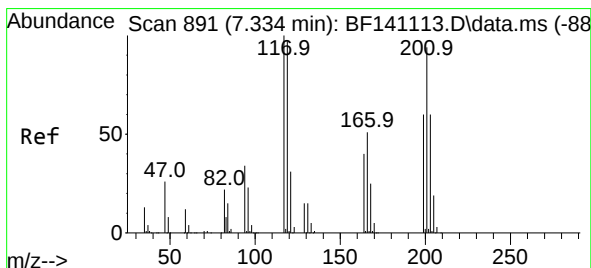
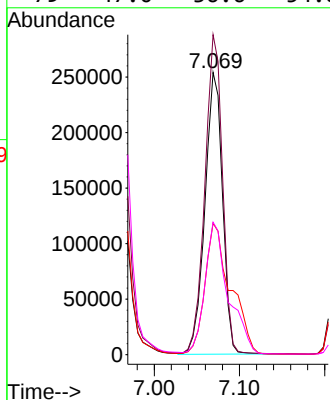
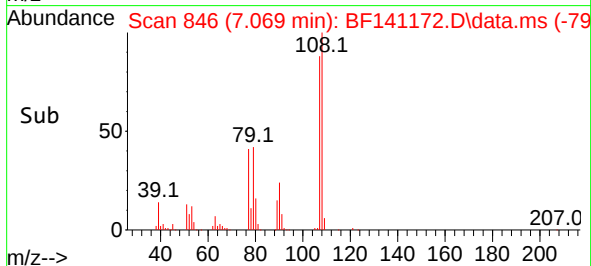


#17
2-Methylphenol
Concen: 51.675 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Instrument :
BNA_F
ClientSampleId :
PB166061BS

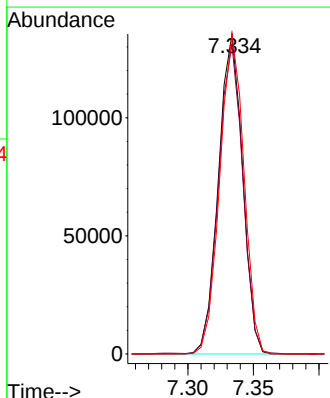
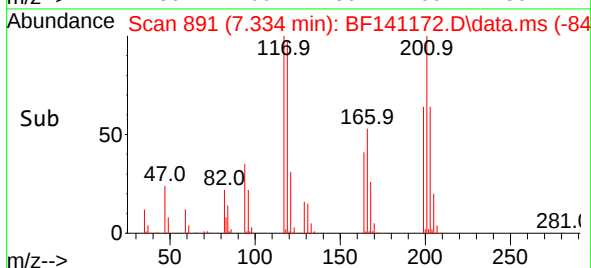
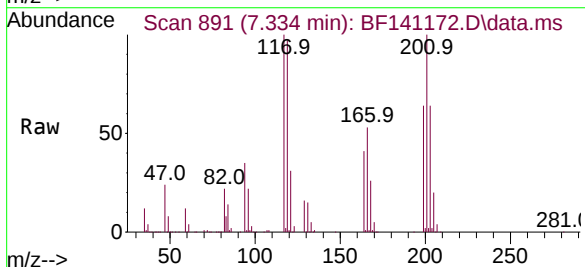


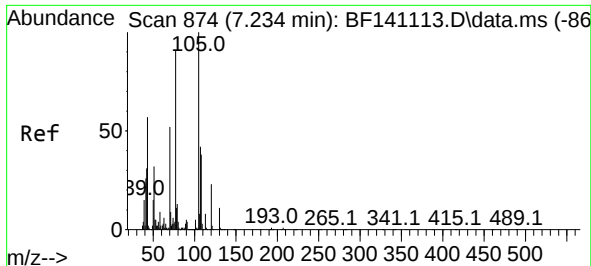
Tgt Ion:107 Resp: 364075
Ion Ratio Lower Upper
107 100
108 113.4 90.1 135.1
77 46.5 36.6 55.0
79 47.0 36.6 54.8



#18
Hexachloroethane
Concen: 48.770 ng
RT: 7.334 min Scan# 891
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:117 Resp: 172983
Ion Ratio Lower Upper
117 100
119 96.7 77.6 116.4
201 100.0 75.1 112.7



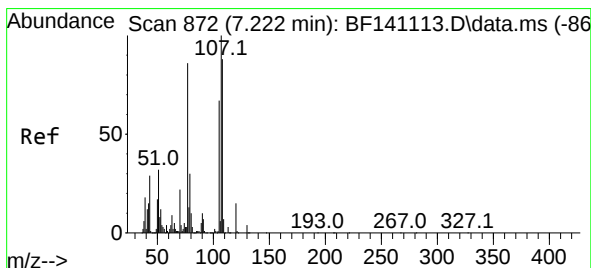
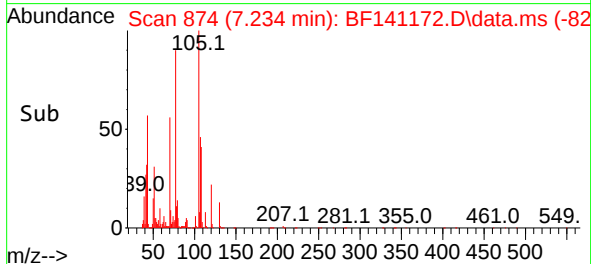
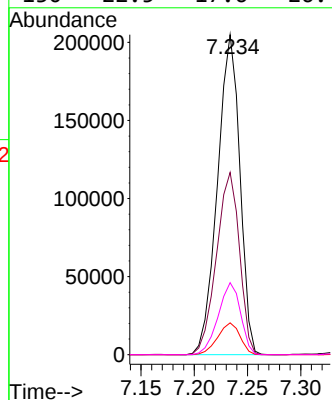
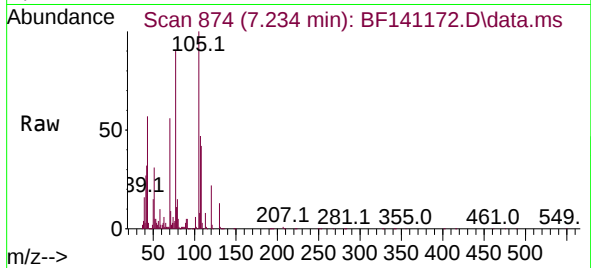


#19
n-Nitroso-di-n-propylamine
Concen: 49.215 ng
RT: 7.234 min Scan# 81
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion: 70 Resp: 298704

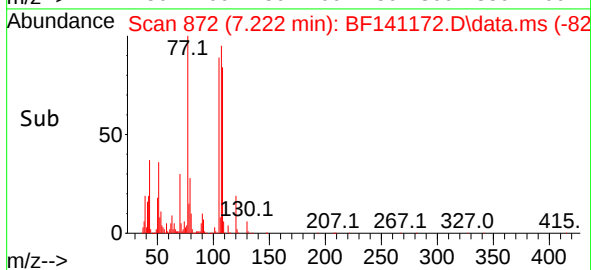
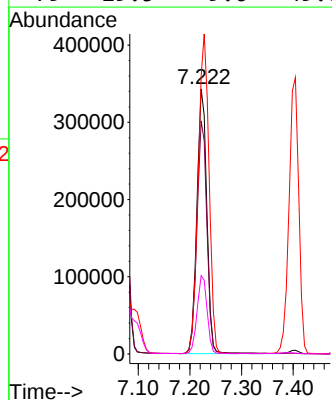
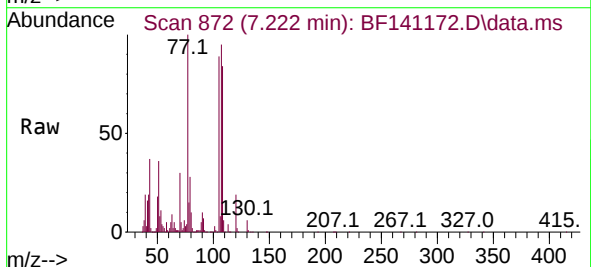
Ion	Ratio	Lower	Upper
70	100		
42	57.0	47.8	71.6
101	10.0	7.9	11.9
130	22.5	17.6	26.4

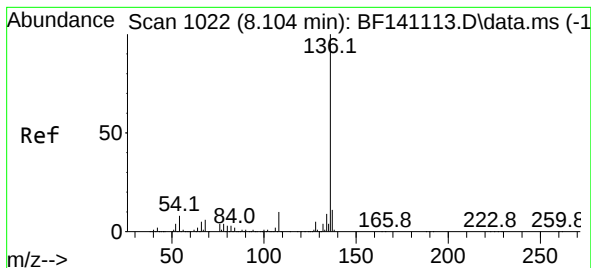


#20
3+4-Methylphenols
Concen: 51.345 ng
RT: 7.222 min Scan# 872
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion: 107 Resp: 456394

Ion	Ratio	Lower	Upper
107	100		
108	88.0	68.3	108.3
77	104.9	66.4	106.4
79	29.5	9.6	49.6





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.104 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

Tgt Ion:136 Resp: 494978

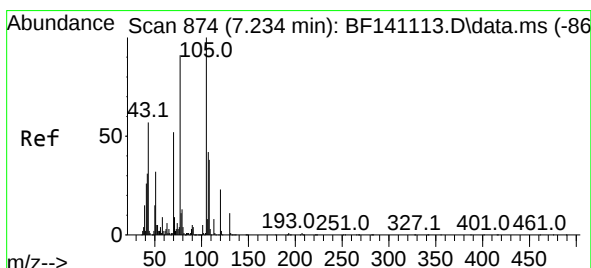
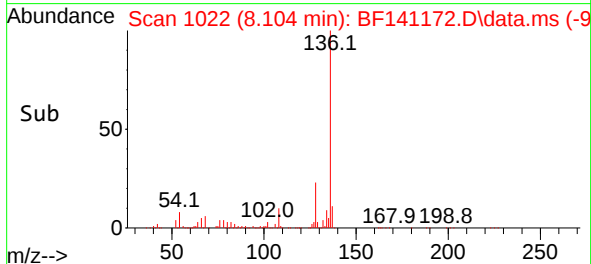
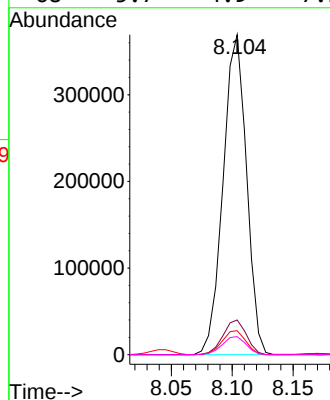
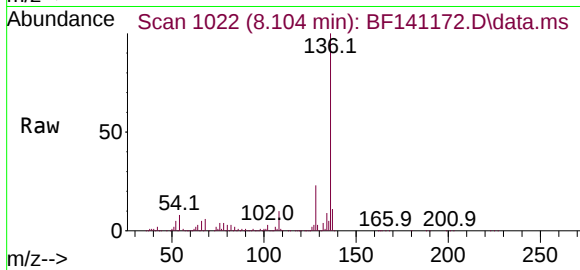
Ion Ratio Lower Upper

136 100

137 10.9 8.8 13.2

54 7.5 6.3 9.5

68 5.7 4.9 7.3



#22

Acetophenone

Concen: 50.545 ng

RT: 7.228 min Scan# 873

Delta R.T. -0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Tgt Ion:105 Resp: 594750

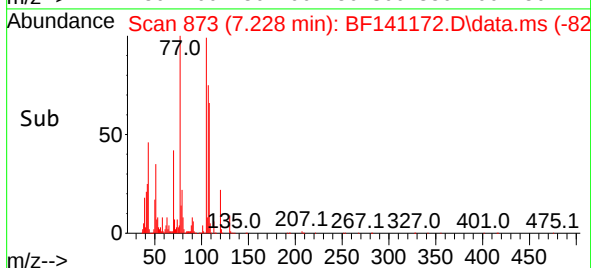
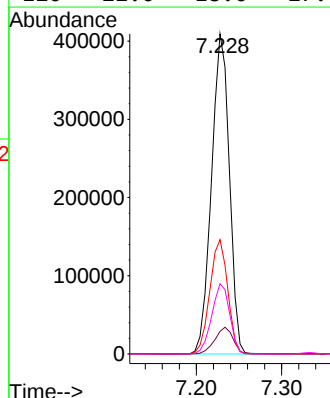
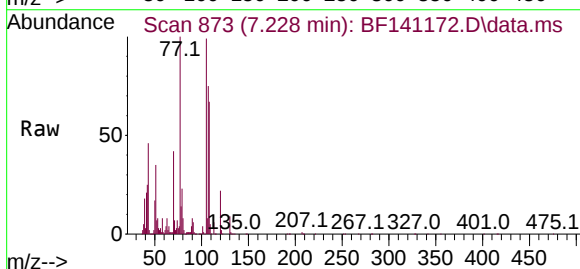
Ion Ratio Lower Upper

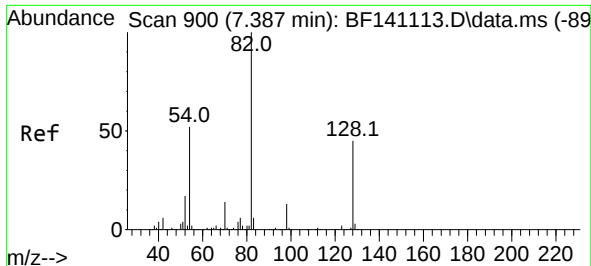
105 100

71 7.0 7.1 10.7#

51 35.7 25.4 38.2

120 22.0 18.0 27.0





#23

Nitrobenzene-d5

Concen: 95.554 ng

RT: 7.381 min Scan# 89

Delta R.T. -0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

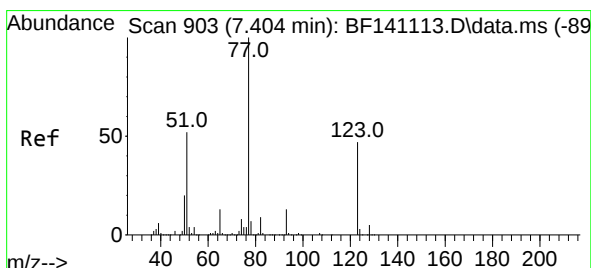
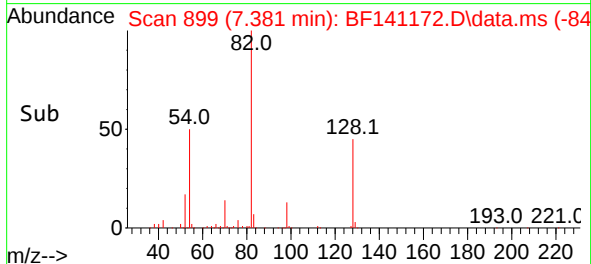
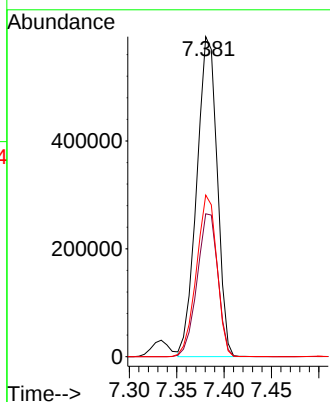
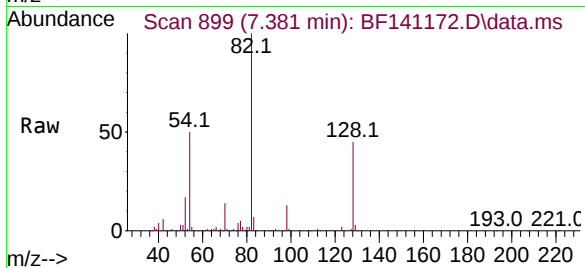
Tgt Ion: 82 Resp: 892254

Ion Ratio Lower Upper

82 100

128 44.7 36.1 54.1

54 50.5 41.0 61.4



#24

Nitrobenzene

Concen: 48.319 ng

RT: 7.404 min Scan# 903

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

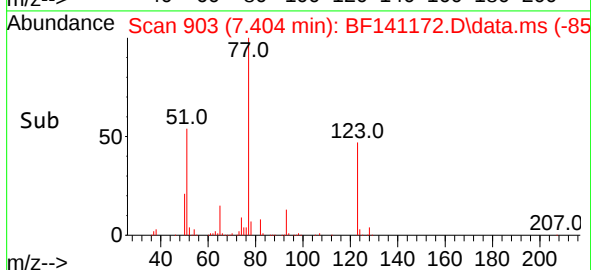
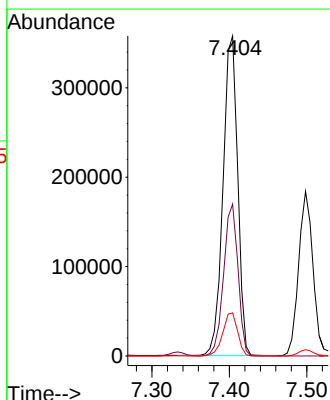
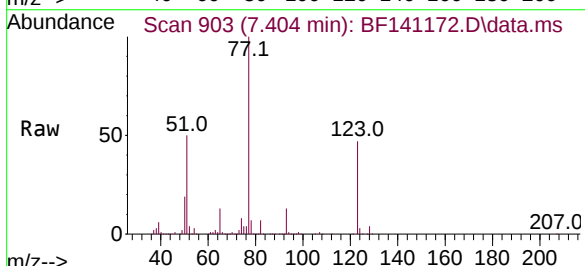
Tgt Ion: 77 Resp: 470238

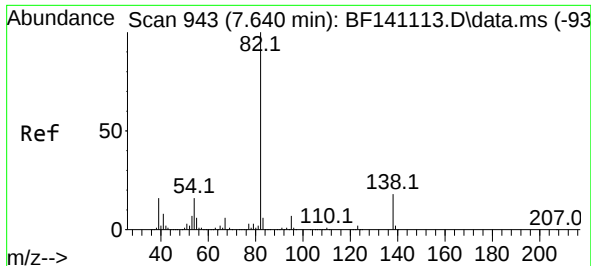
Ion Ratio Lower Upper

77 100

123 47.5 37.7 56.5

65 13.5 10.6 16.0

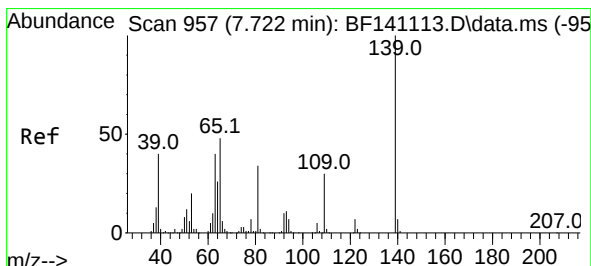
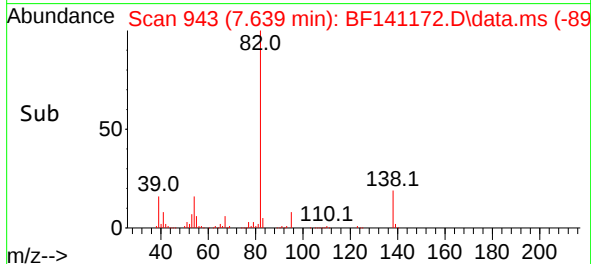
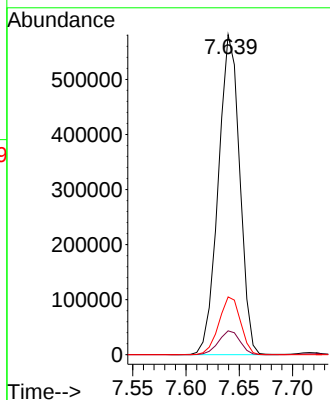
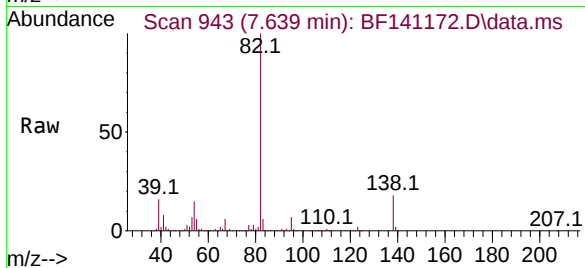




#25
Isophorone
Concen: 50.857 ng
RT: 7.639 min Scan# 943
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

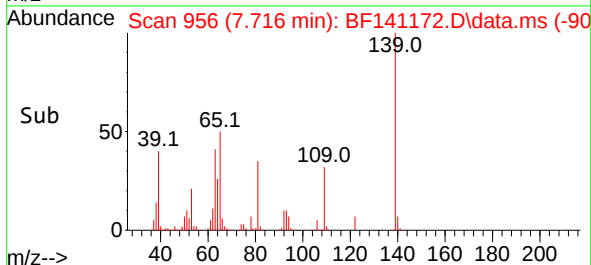
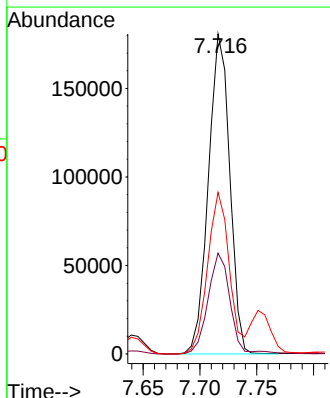
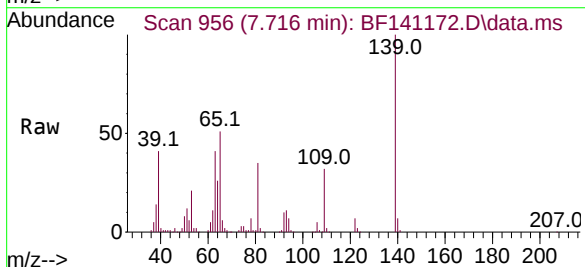
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion: 82 Resp: 811569
Ion Ratio Lower Upper
82 100
95 7.5 5.9 8.9
138 18.0 14.2 21.2



#26
2-Nitrophenol
Concen: 53.479 ng
RT: 7.716 min Scan# 956
Delta R.T. -0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:139 Resp: 236745
Ion Ratio Lower Upper
139 100
109 31.5 23.8 35.6
65 50.5 38.5 57.7

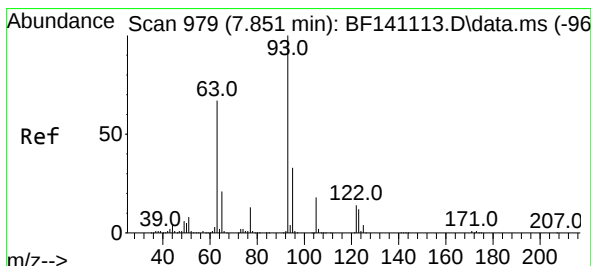
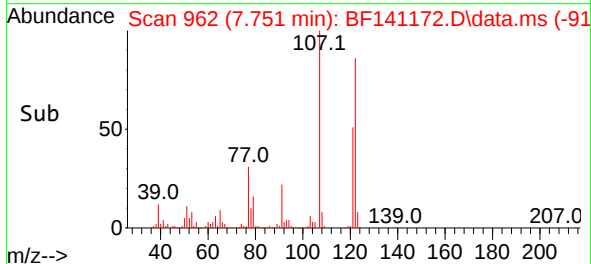
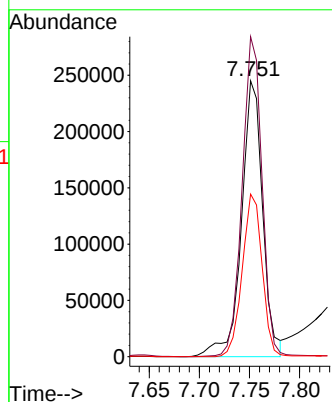
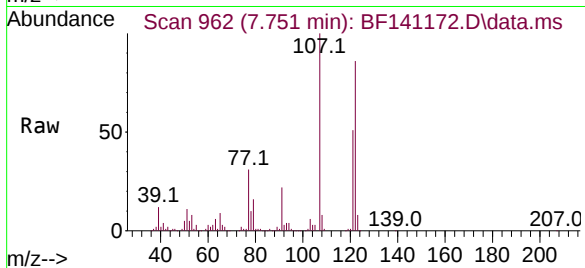




#27
2,4-Dimethylphenol
Concen: 60.469 ng
RT: 7.751 min Scan# 90
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

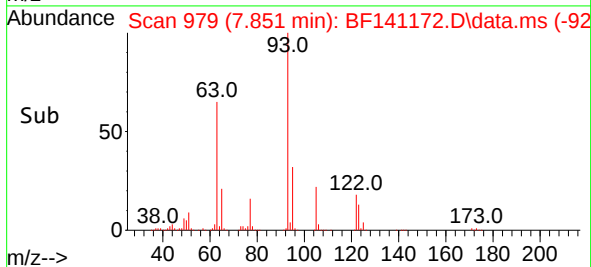
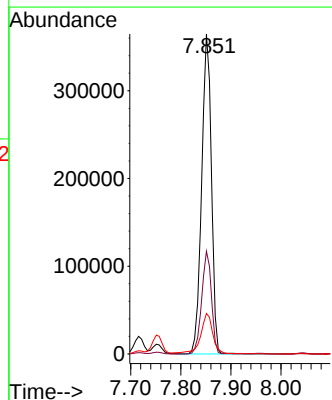
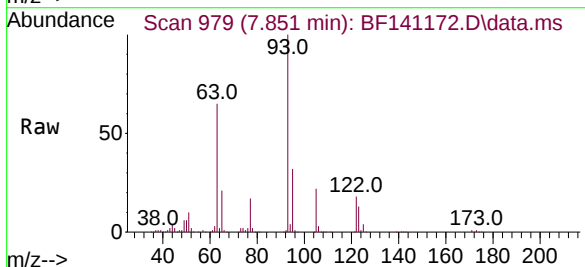
Instrument :
BNA_F
ClientSampleId :
PB166061BS

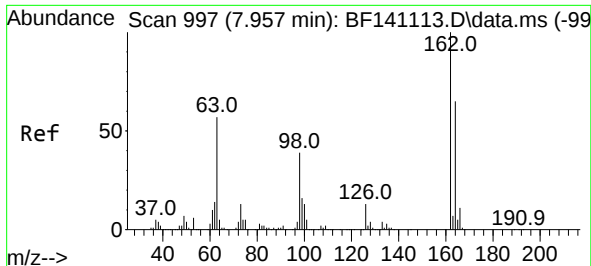
Tgt Ion:122 Resp: 361074
Ion Ratio Lower Upper
122 100
107 116.0 90.3 135.5
121 59.0 46.5 69.7



#28
bis(2-Chloroethoxy)methane
Concen: 49.192 ng
RT: 7.851 min Scan# 979
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion: 93 Resp: 492644
Ion Ratio Lower Upper
93 100
95 32.1 26.2 39.4
123 12.7 10.1 15.1

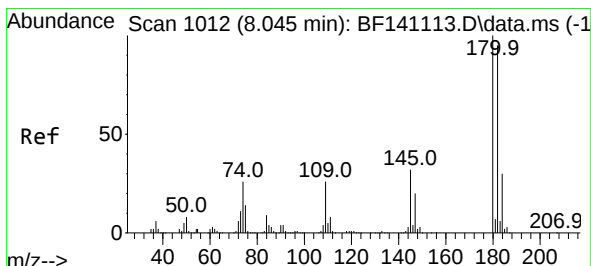
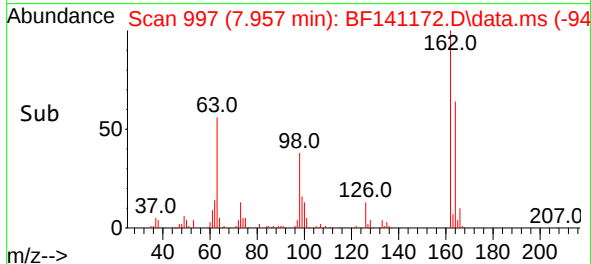
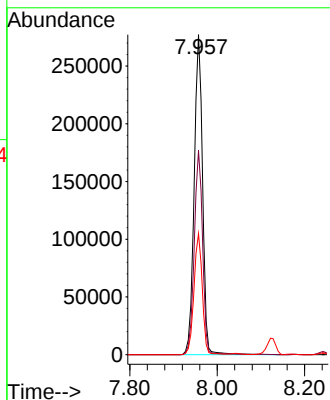
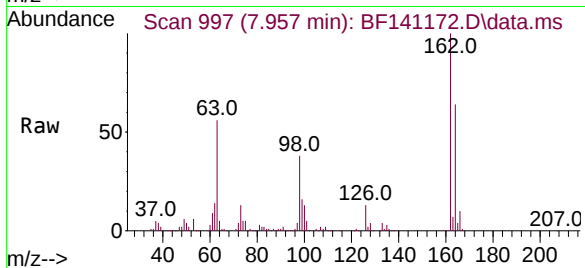




#29
2,4-Dichlorophenol
Concen: 52.334 ng
RT: 7.957 min Scan# 997
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

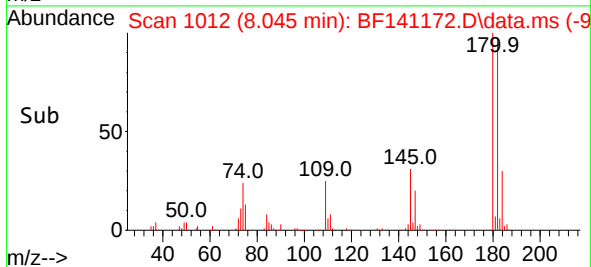
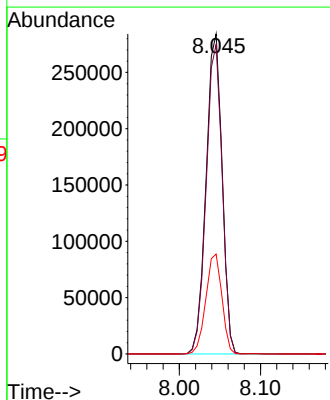
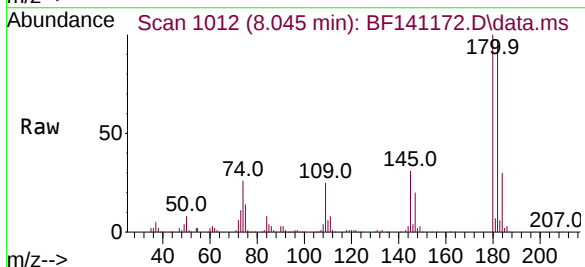
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:	162	Resp:	371144
Ion	Ratio	Lower	Upper
162	100		
164	63.8	44.5	84.5
98	37.8	18.5	58.5



#30
1,2,4-Trichlorobenzene
Concen: 48.047 ng
RT: 8.045 min Scan# 1012
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:	180	Resp:	389479
Ion	Ratio	Lower	Upper
180	100		
182	96.7	76.2	114.2
145	31.2	25.3	37.9

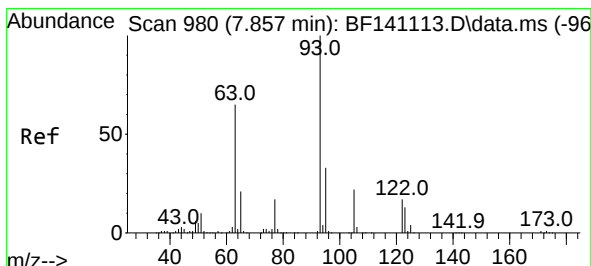
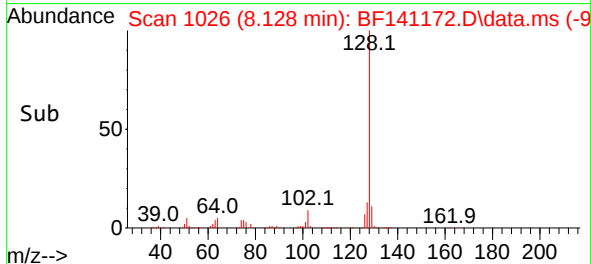
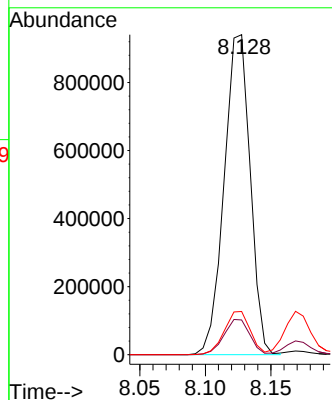
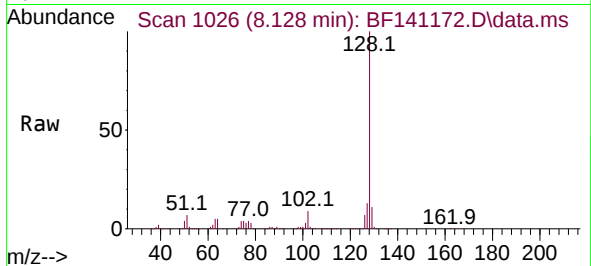




#31
Naphthalene
Concen: 49.832 ng
RT: 8.128 min Scan# 1026
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

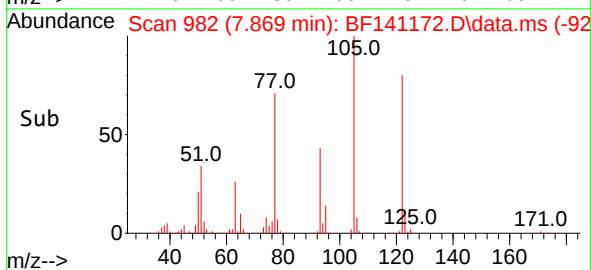
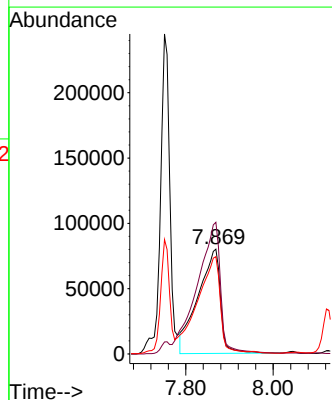
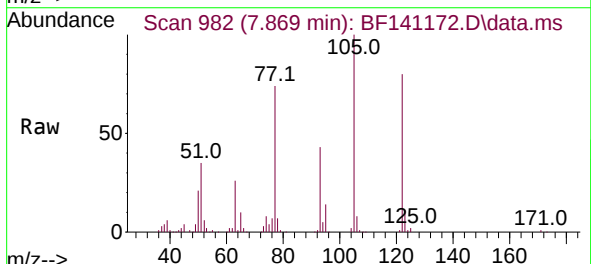
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:128 Resp: 1300768
Ion Ratio Lower Upper
128 100
129 10.9 9.0 13.6
127 13.5 10.8 16.2



#32
Benzoic acid
Concen: 50.086 ng
RT: 7.869 min Scan# 982
Delta R.T. 0.012 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:122 Resp: 286894
Ion Ratio Lower Upper
122 100
105 125.6 105.5 145.5
77 92.9 75.1 115.1





#33

4-Chloroaniline

Concen: 20.652 ng

RT: 8.169 min Scan# 1033

Delta R.T. -0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

Tgt Ion:127 Resp: 186433

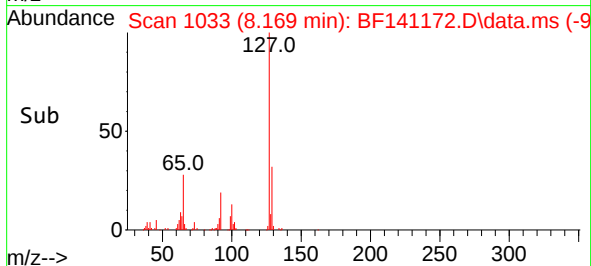
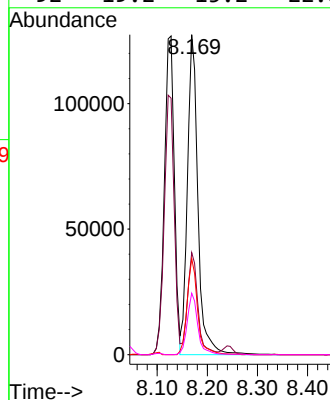
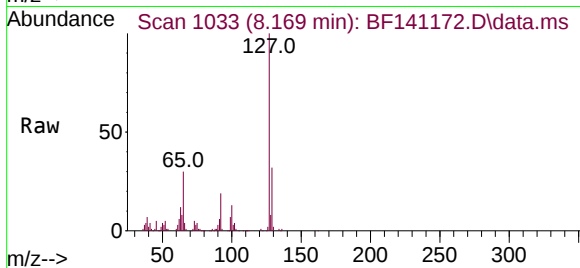
Ion Ratio Lower Upper

127 100

129 31.9 25.9 38.9

65 30.0 23.8 35.8

92 19.2 15.2 22.8



#34

Hexachlorobutadiene

Concen: 48.271 ng

RT: 8.239 min Scan# 1045

Delta R.T. -0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

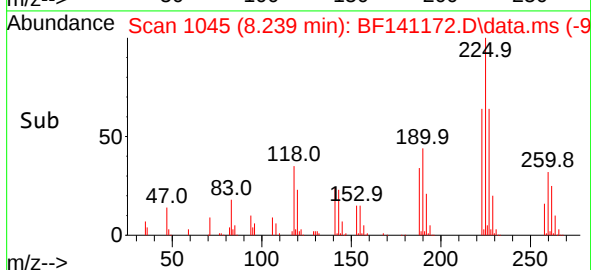
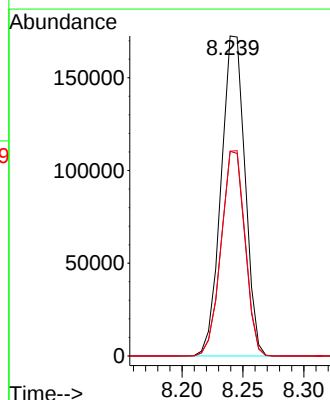
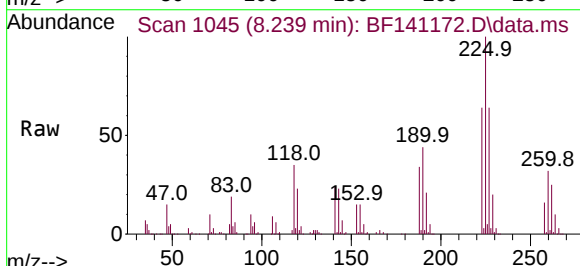
Tgt Ion:225 Resp: 235776

Ion Ratio Lower Upper

225 100

223 63.9 50.6 76.0

227 64.0 51.6 77.4

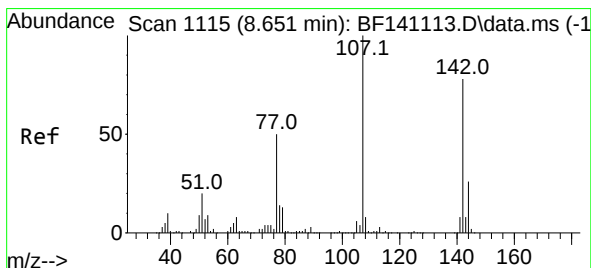
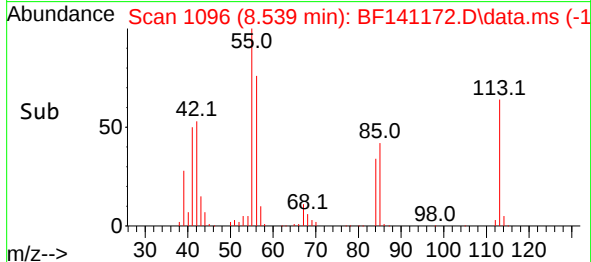
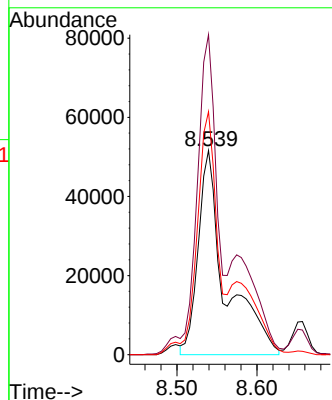
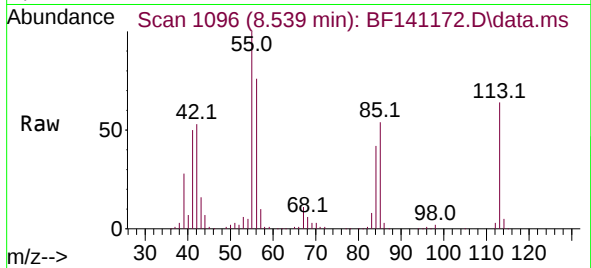




#35
 Caprolactam
 Concen: 52.514 ng m
 RT: 8.539 min Scan# 1096
 Delta R.T. -0.006 min
 Lab File: BF141172.D
 Acq: 15 Jan 2025 13:38

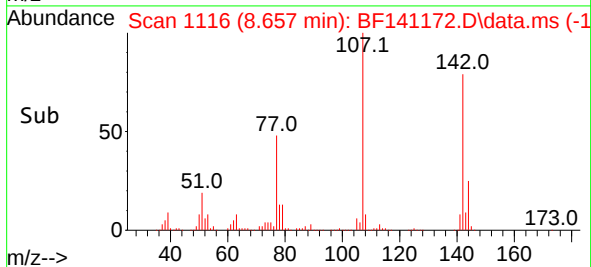
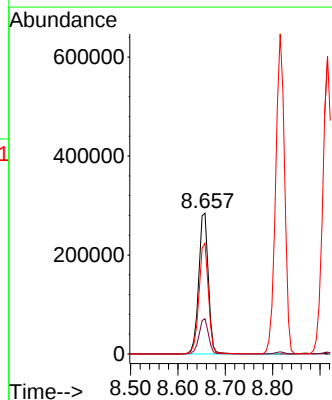
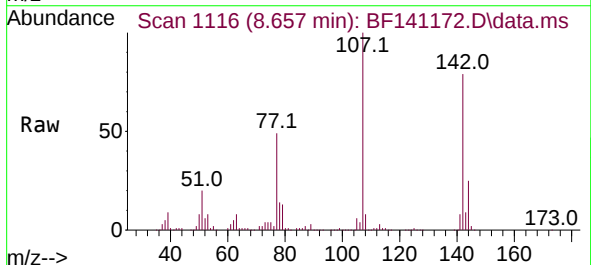
Instrument :
 BNA_F
 ClientSampleId :
 PB166061BS

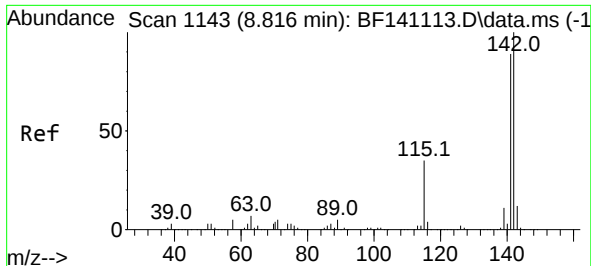
Tgt Ion:113 Resp: 121929
 Ion Ratio Lower Upper
 113 100
 55 156.8 139.7 179.7
 56 119.1 99.4 139.4



#36
 4-Chloro-3-methylphenol
 Concen: 51.983 ng
 RT: 8.657 min Scan# 1116
 Delta R.T. 0.006 min
 Lab File: BF141172.D
 Acq: 15 Jan 2025 13:38

Tgt Ion:107 Resp: 403179
 Ion Ratio Lower Upper
 107 100
 144 25.0 20.4 30.6
 142 78.7 62.2 93.2





#37

2-Methylnaphthalene

Concen: 50.852 ng

RT: 8.816 min Scan# 1143

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

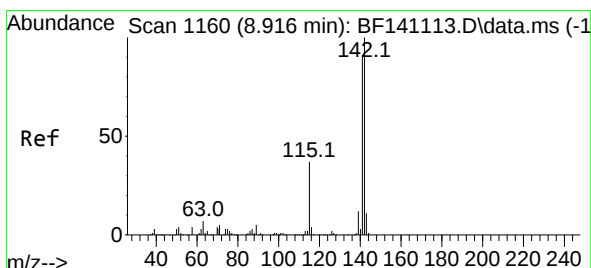
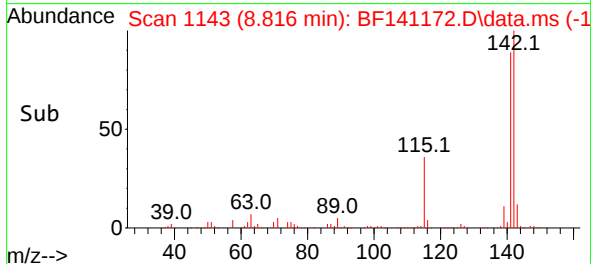
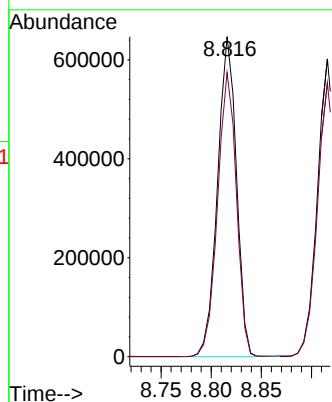
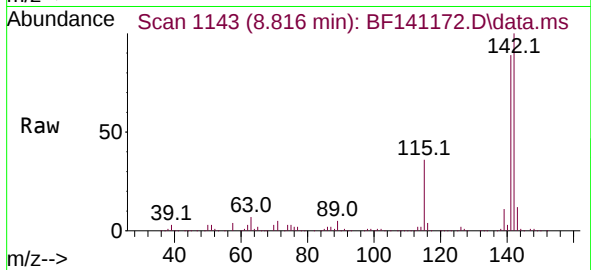
PB166061BS

Tgt Ion:142 Resp: 845856

Ion Ratio Lower Upper

142 100

141 88.8 71.3 106.9



#38

1-Methylnaphthalene

Concen: 47.844 ng

RT: 8.916 min Scan# 1160

Delta R.T. -0.000 min

Lab File: BF141172.D

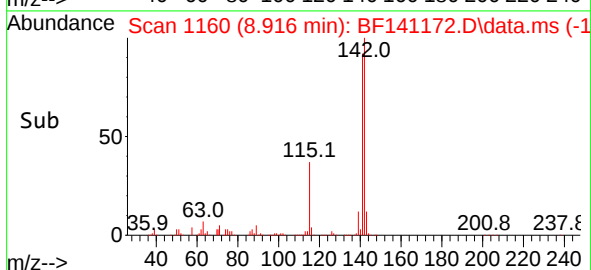
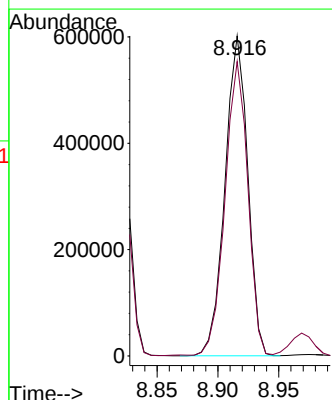
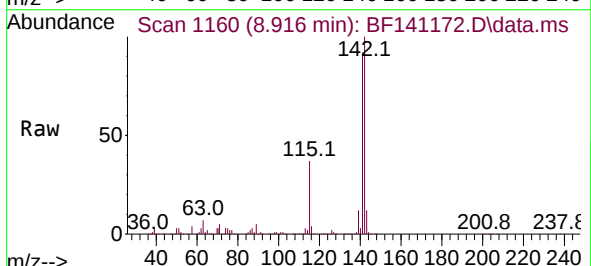
Acq: 15 Jan 2025 13:38

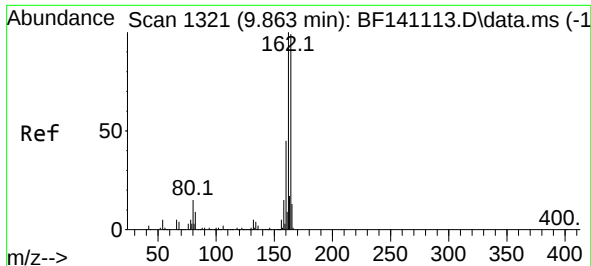
Tgt Ion:142 Resp: 784309

Ion Ratio Lower Upper

142 100

141 92.0 73.1 109.7

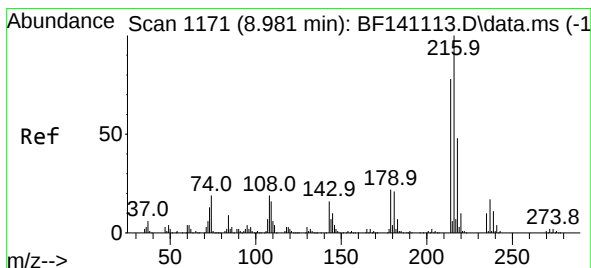
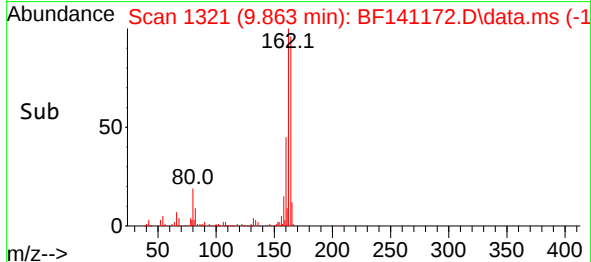
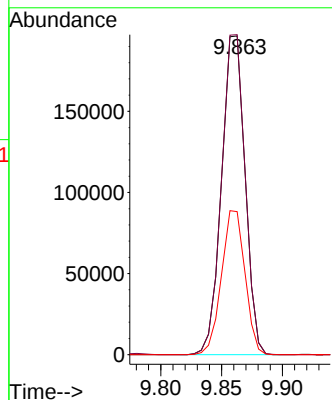
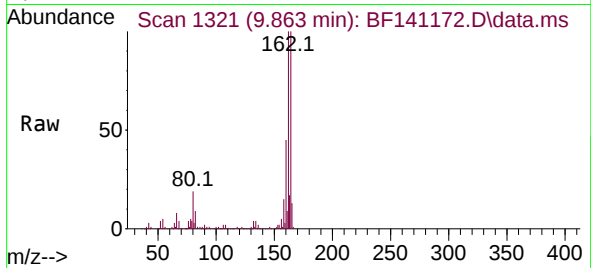




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

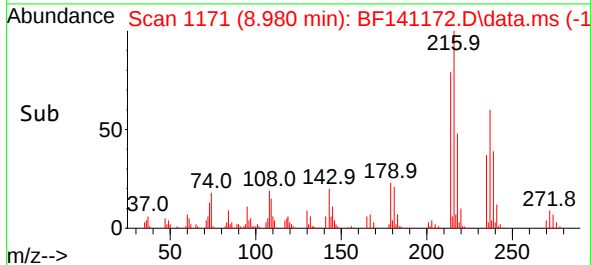
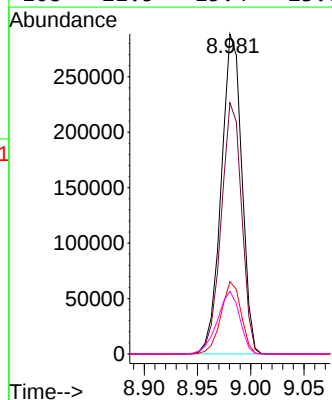
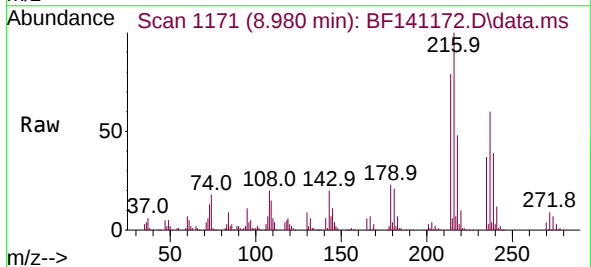
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:164 Resp: 264175
Ion Ratio Lower Upper
164 100
162 100.4 81.0 121.4
160 44.9 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.905 ng
RT: 8.980 min Scan# 1171
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

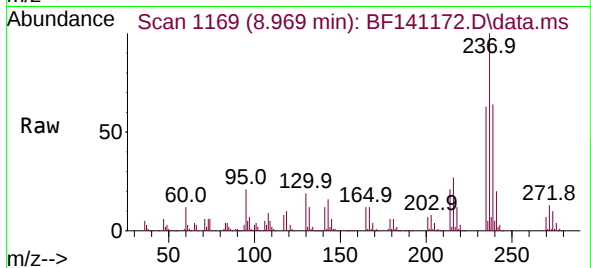
Tgt Ion:216 Resp: 385980
Ion Ratio Lower Upper
216 100
214 78.2 62.6 94.0
179 22.2 17.7 26.5
108 21.5 15.4 23.0



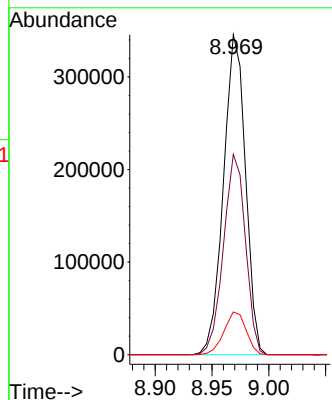
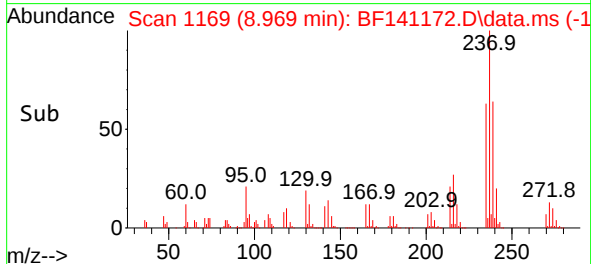


#41
Hexachlorocyclopentadiene
Concen: 187.848 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

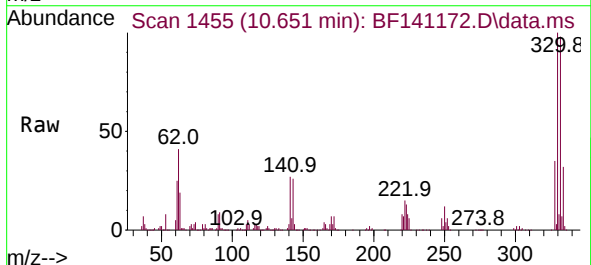
Instrument :
BNA_F
ClientSampleId :
PB166061BS



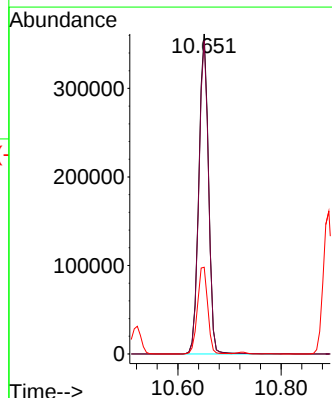
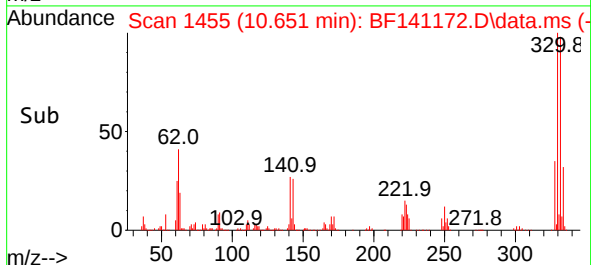
Tgt Ion:237 Resp: 465991
Ion Ratio Lower Upper
237 100
235 62.6 43.0 83.0
272 13.3 0.0 33.0



#42
2,4,6-Tribromophenol
Concen: 155.580 ng
RT: 10.651 min Scan# 1455
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38



Tgt Ion:330 Resp: 468311
Ion Ratio Lower Upper
330 100
332 98.0 76.9 115.3
141 28.8 25.2 37.8





#43

2,4,6-Trichlorophenol

Concen: 53.267 ng

RT: 9.092 min Scan# 1190

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

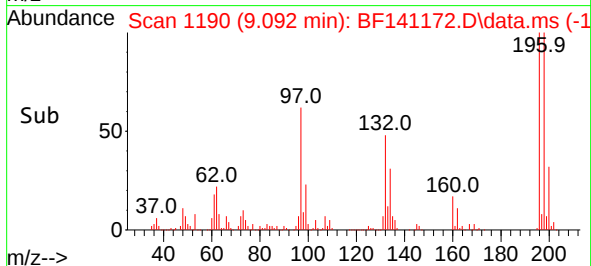
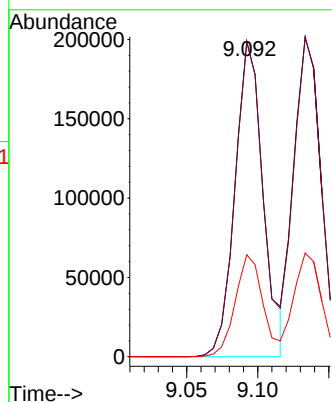
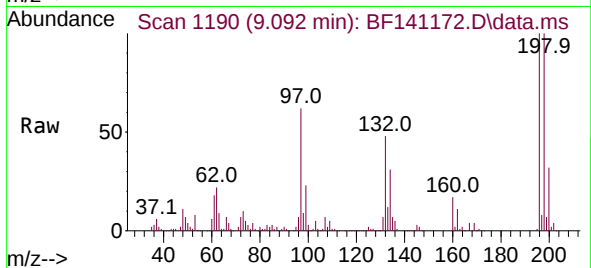
Tgt Ion:196 Resp: 272398

Ion Ratio Lower Upper

196 100

198 99.5 80.8 121.2

200 32.3 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 50.006 ng

RT: 9.133 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Tgt Ion:196 Resp: 270073

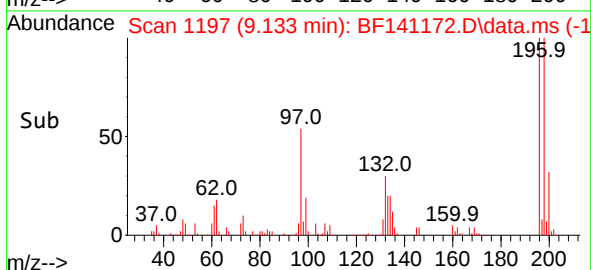
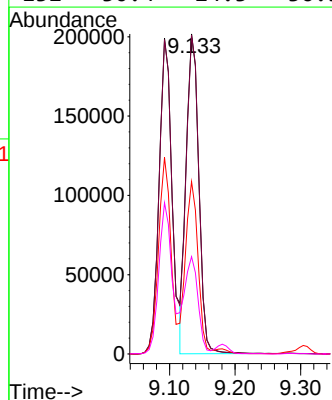
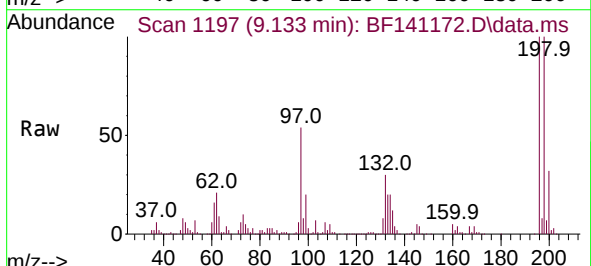
Ion Ratio Lower Upper

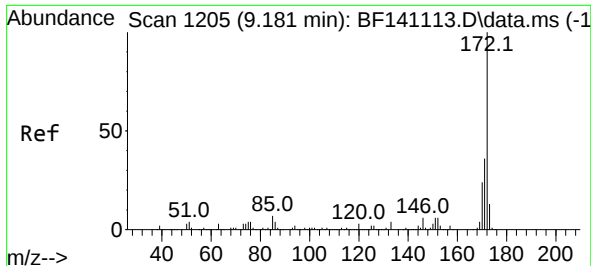
196 100

198 99.6 80.6 120.8

97 53.9 43.1 64.7

132 30.4 24.3 36.5

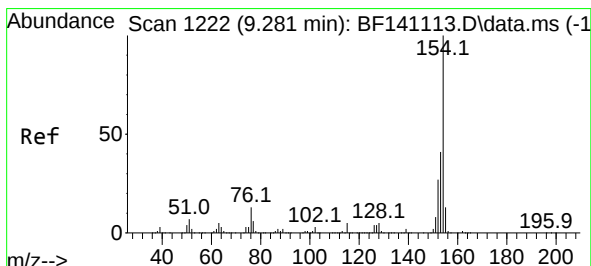
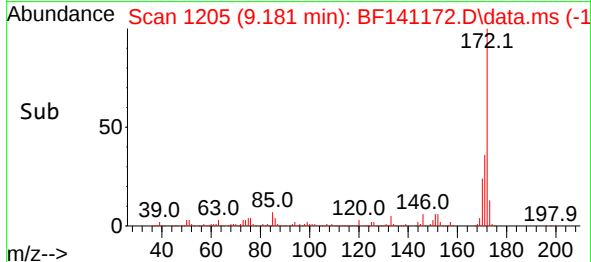
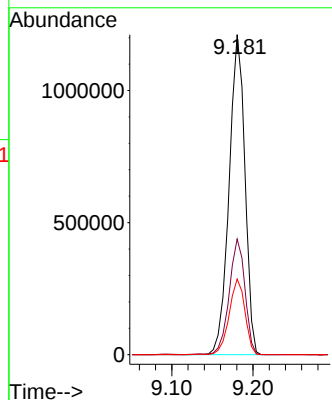
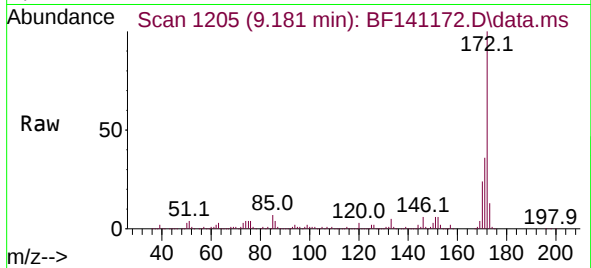




#45
2-Fluorobiphenyl
Concen: 94.797 ng
RT: 9.181 min Scan# 1205
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

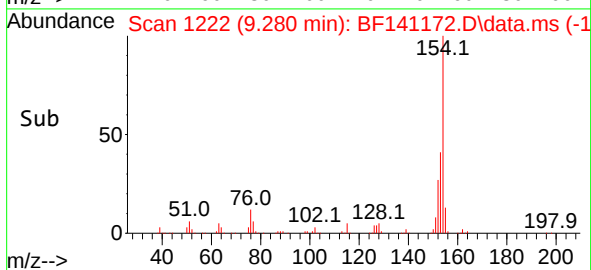
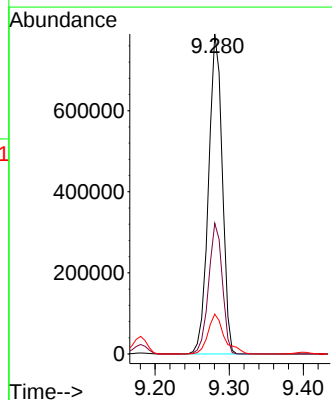
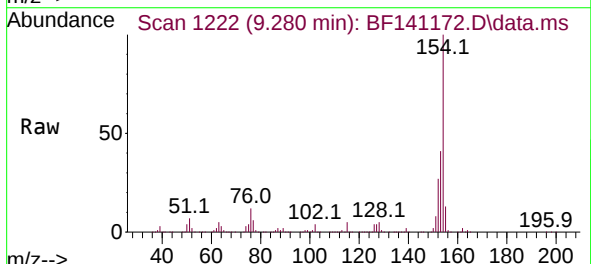
Instrument :
BNA_F
ClientSampleId :
PB166061BS

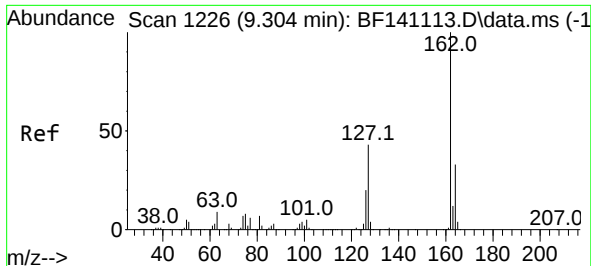
Tgt Ion:172 Resp: 1639957
Ion Ratio Lower Upper
172 100
171 36.2 28.7 43.1
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 49.545 ng
RT: 9.280 min Scan# 1222
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:154 Resp: 1016465
Ion Ratio Lower Upper
154 100
153 40.8 20.7 60.7
76 12.5 0.0 33.1





#47

2-Chloronaphthalene

Concen: 48.651 ng

RT: 9.304 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

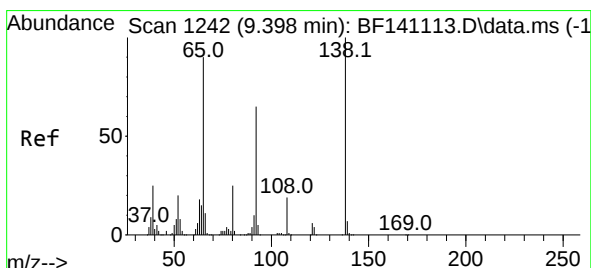
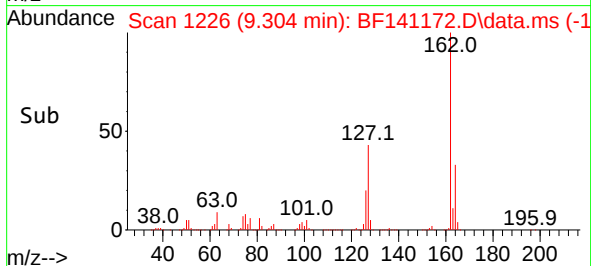
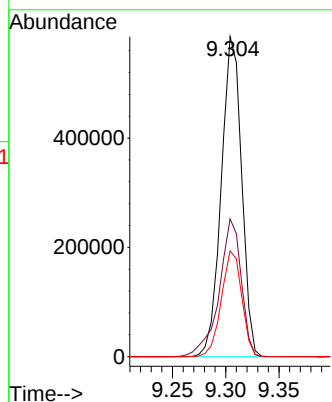
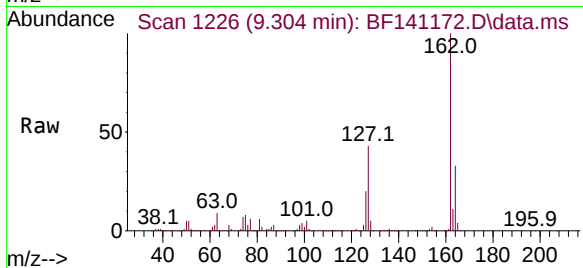
Tgt Ion:162 Resp: 777411

Ion Ratio Lower Upper

162 100

127 43.1 34.6 51.8

164 33.1 26.5 39.7



#48

2-Nitroaniline

Concen: 52.239 ng

RT: 9.398 min Scan# 1242

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

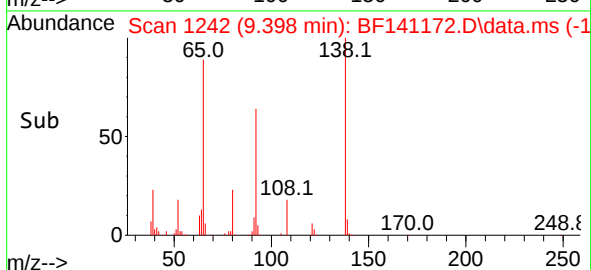
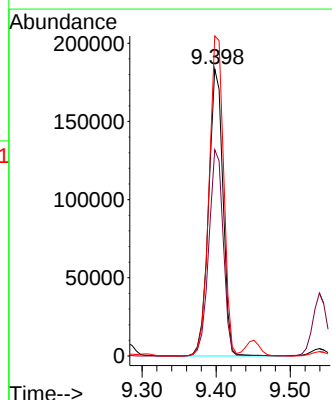
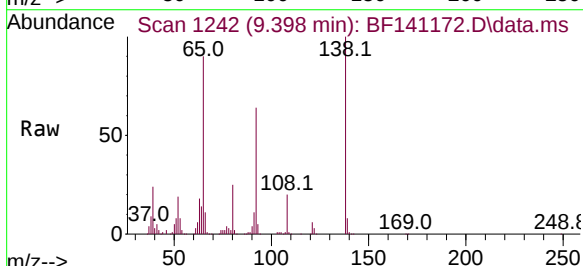
Tgt Ion: 65 Resp: 247443

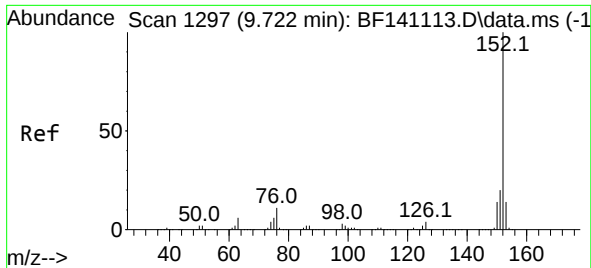
Ion Ratio Lower Upper

65 100

92 71.9 58.3 87.5

138 111.5 89.1 133.7

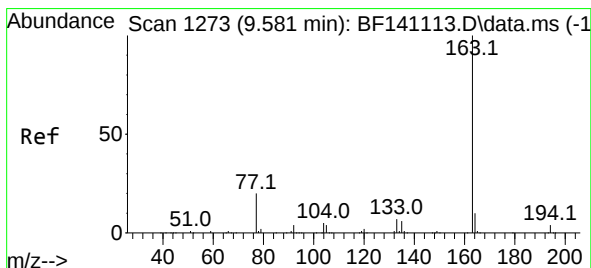
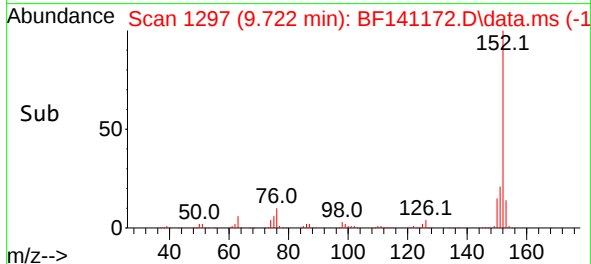
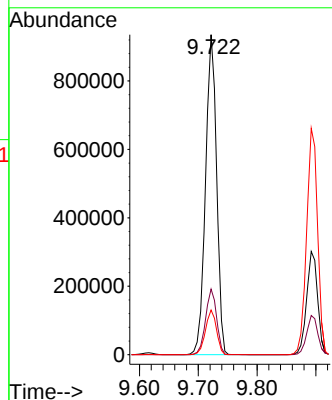
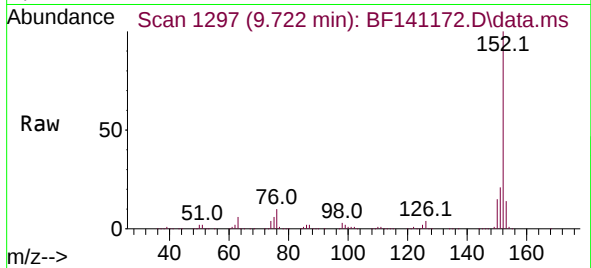




#49
Acenaphthylene
Concen: 53.506 ng
RT: 9.722 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

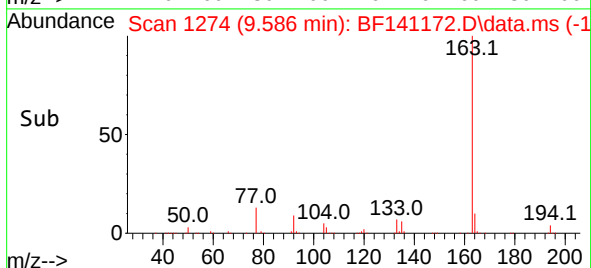
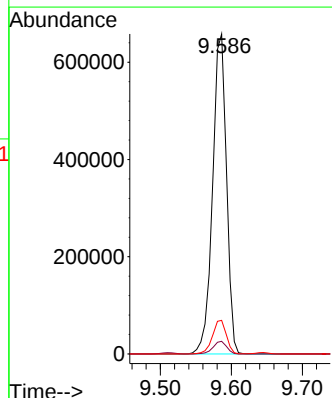
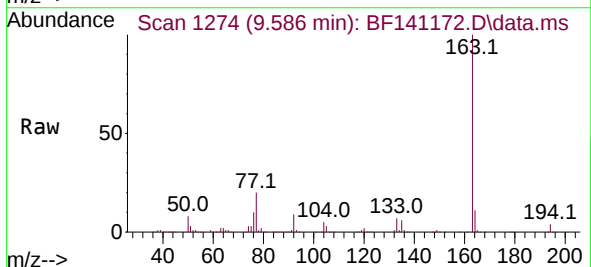
Instrument :
BNA_F
ClientSampleId :
PB166061BS

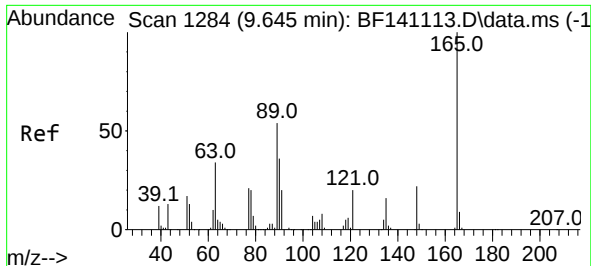
Tgt Ion:152 Resp: 1221518
Ion Ratio Lower Upper
152 100
151 20.5 16.1 24.1
153 13.9 11.1 16.7



#50
Dimethylphthalate
Concen: 50.400 ng
RT: 9.586 min Scan# 1274
Delta R.T. 0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:163 Resp: 893858
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.6
164 10.5 8.2 12.4

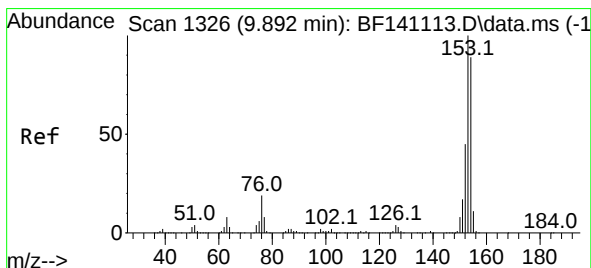
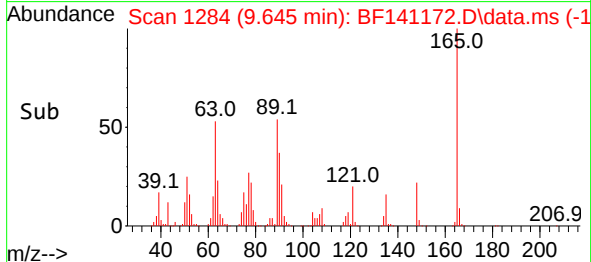
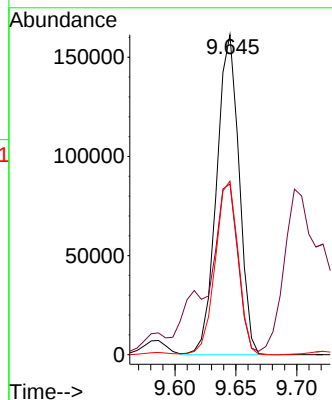
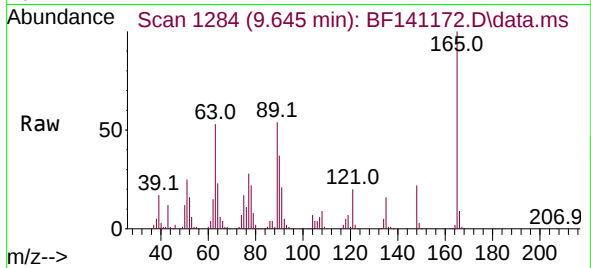




#51
2,6-Dinitrotoluene
Concen: 50.295 ng
RT: 9.645 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

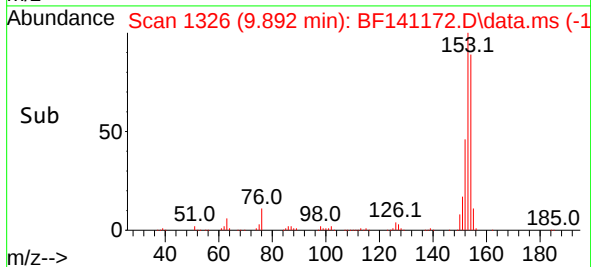
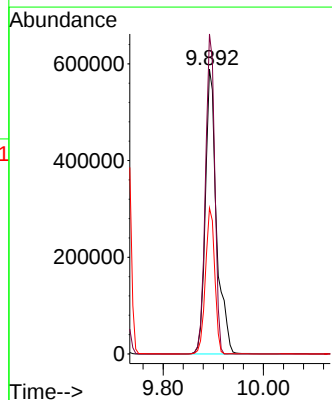
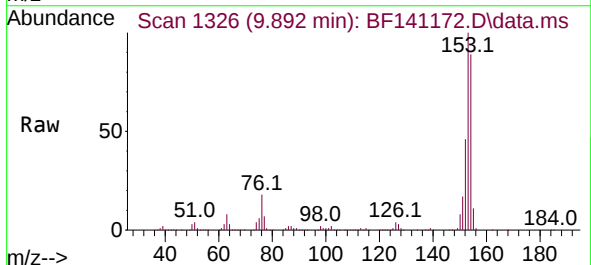
Instrument :
BNA_F
ClientSampleId :
PB166061BS

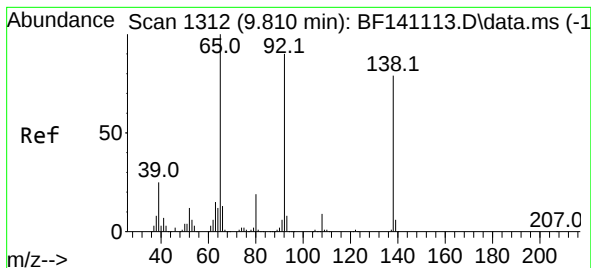
Tgt Ion:165 Resp: 207427
Ion Ratio Lower Upper
165 100
63 53.3 42.3 63.5
89 54.3 43.1 64.7



#52
Acenaphthene
Concen: 57.563 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:154 Resp: 918132
Ion Ratio Lower Upper
154 100
153 112.5 89.8 134.6
152 51.3 40.8 61.2





#53

3-Nitroaniline

Concen: 28.662 ng

RT: 9.810 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

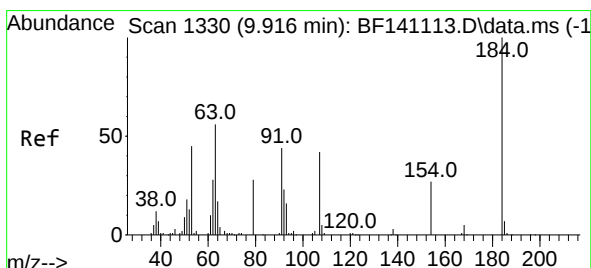
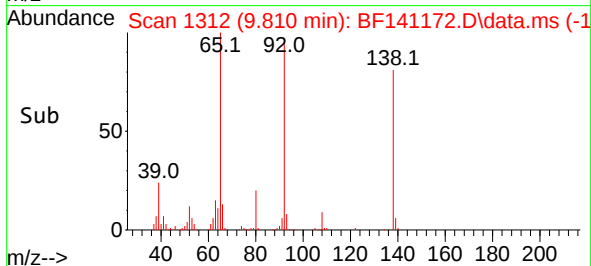
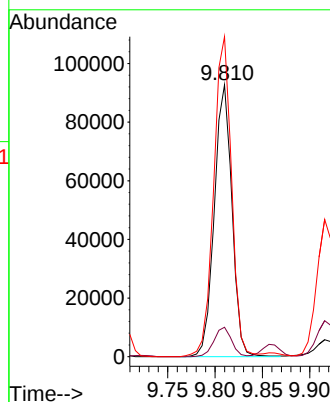
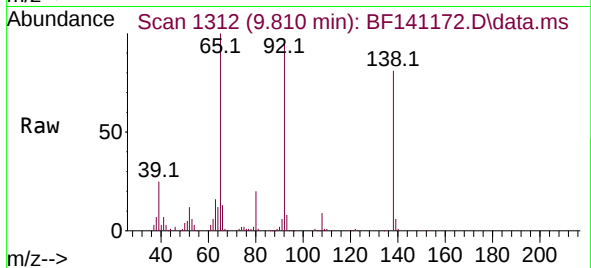
Tgt Ion:138 Resp: 120126

Ion Ratio Lower Upper

138 100

108 10.8 8.8 13.2

92 117.7 91.3 136.9



#54

2,4-Dinitrophenol

Concen: 122.030 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

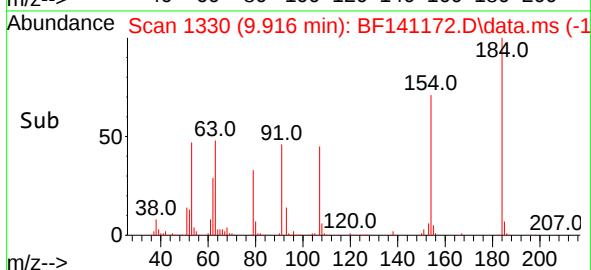
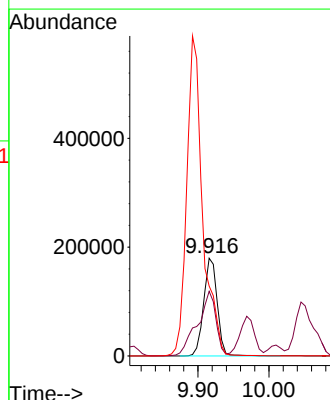
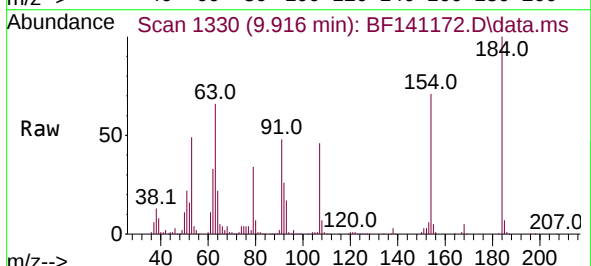
Tgt Ion:184 Resp: 239218

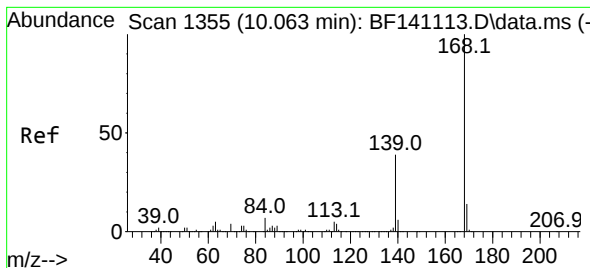
Ion Ratio Lower Upper

184 100

63 66.2 48.7 73.1

154 71.5 57.1 85.7

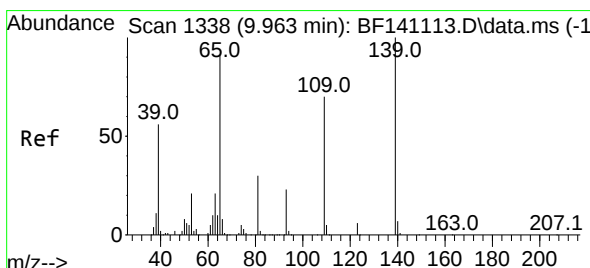
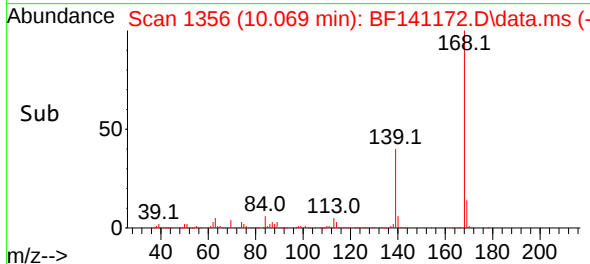
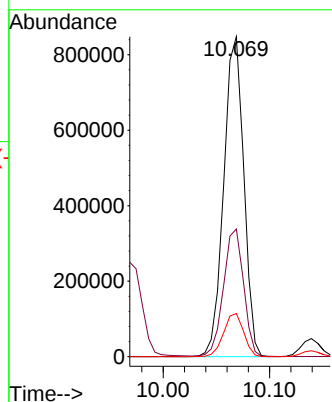
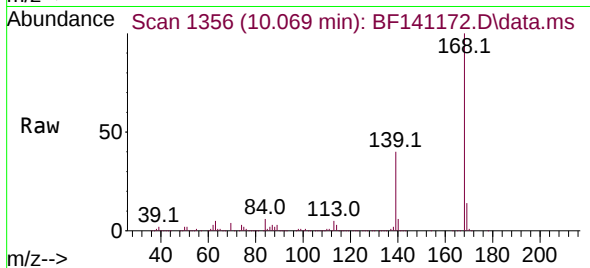




#55
Dibenzenofuran
Concen: 51.016 ng
RT: 10.069 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

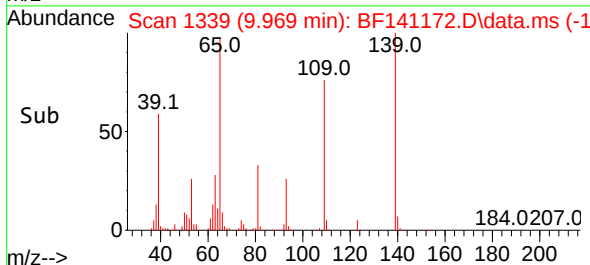
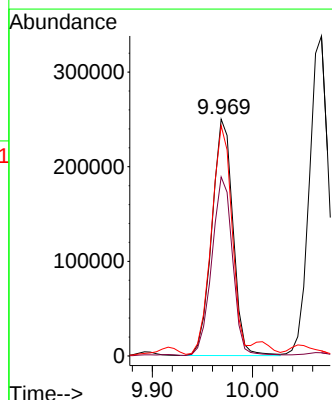
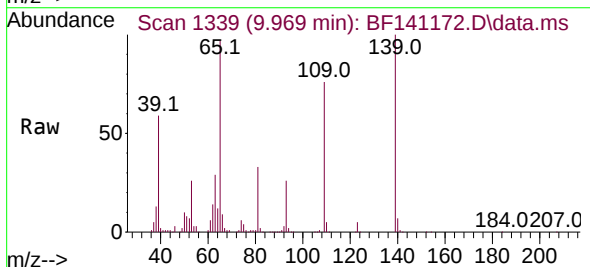
Instrument :
BNA_F
ClientSampleId :
PB166061BS

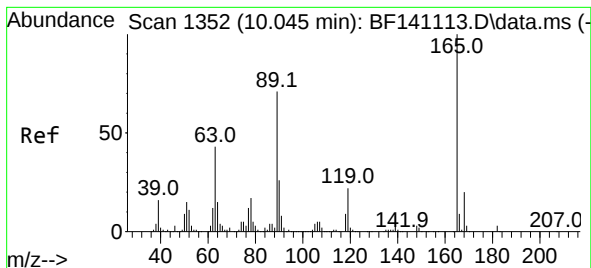
Tgt Ion:168 Resp: 1106789
Ion Ratio Lower Upper
168 100
139 39.9 31.4 47.0
169 13.5 10.9 16.3



#56
4-Nitrophenol
Concen: 110.972 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:139 Resp: 364246
Ion Ratio Lower Upper
139 100
109 75.6 50.2 90.2
65 97.2 72.1 112.1

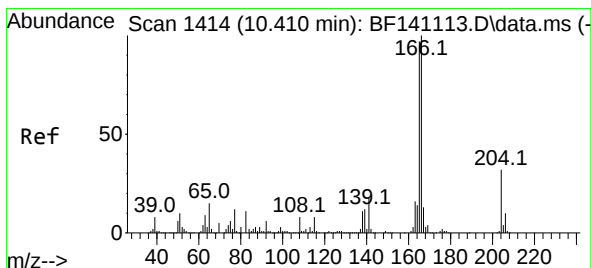
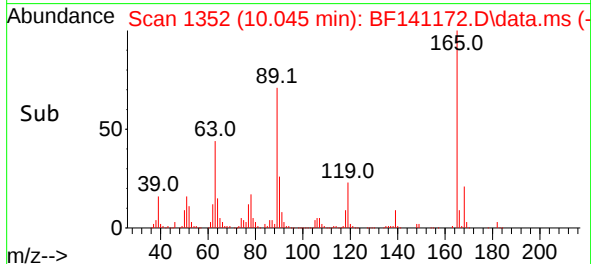
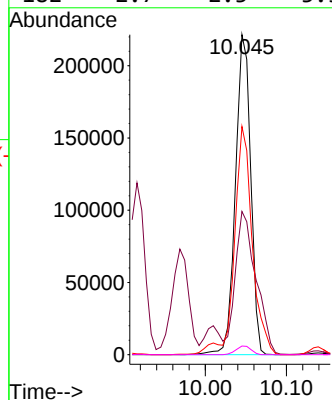
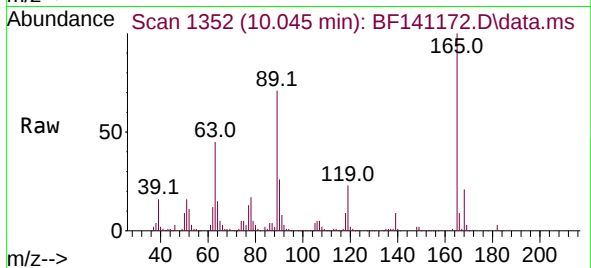




#57
2,4-Dinitrotoluene
Concen: 54.319 ng
RT: 10.045 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

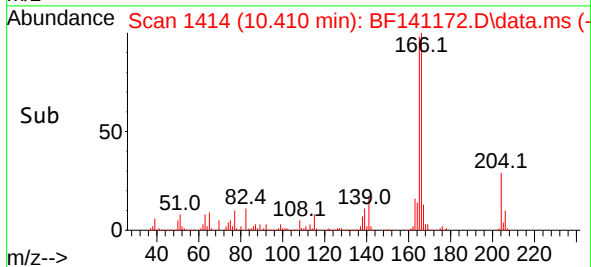
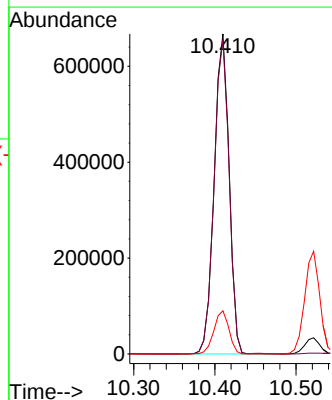
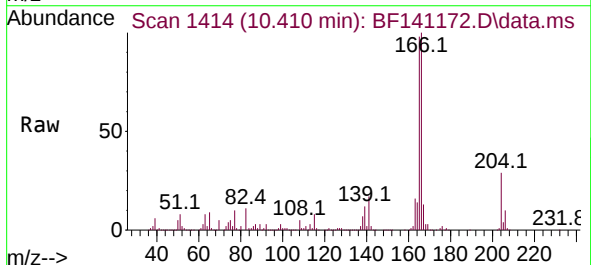
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:165 Resp: 288706
Ion Ratio Lower Upper
165 100
63 44.8 35.0 52.4
89 71.3 56.7 85.1
182 2.7 2.3 3.5



#58
Fluorene
Concen: 50.654 ng
RT: 10.410 min Scan# 1414
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:166 Resp: 853769
Ion Ratio Lower Upper
166 100
165 98.2 77.8 116.8
167 13.5 10.8 16.2

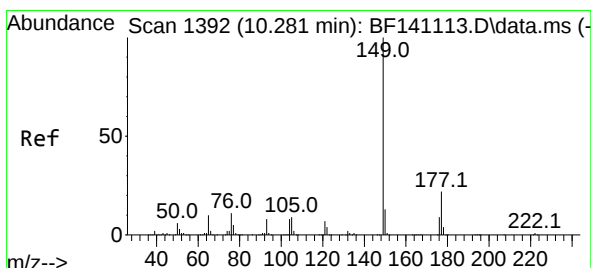
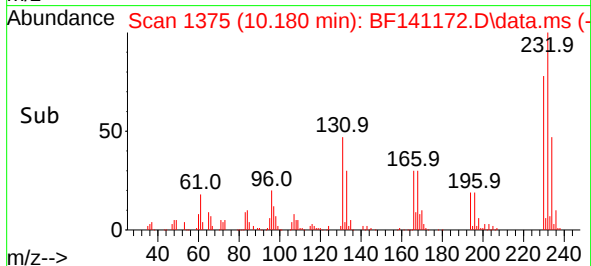
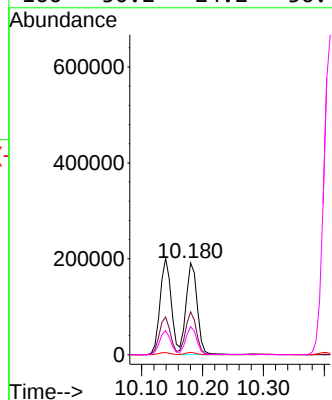
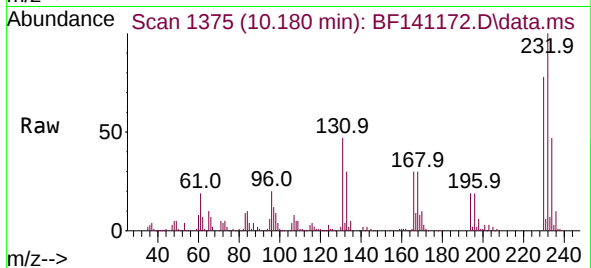




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.911 ng
RT: 10.180 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

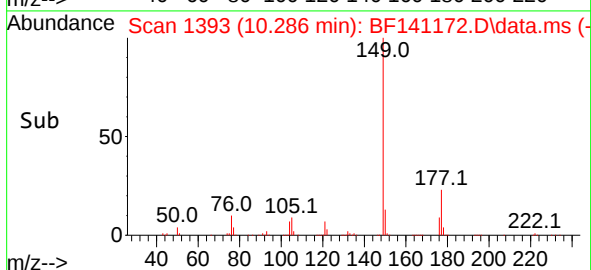
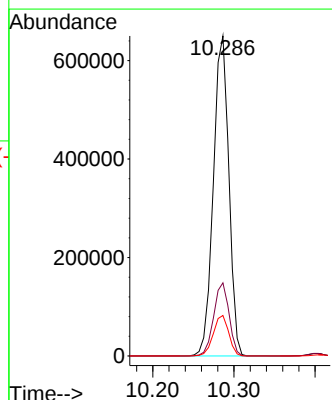
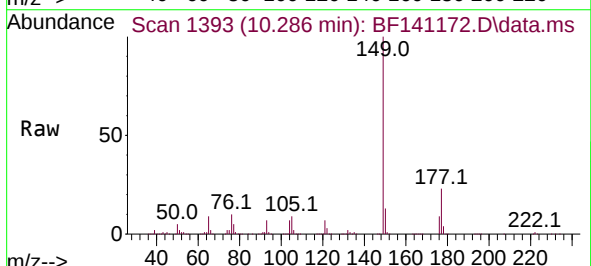
Instrument :
BNA_F
ClientSampleId :
PB166061BS

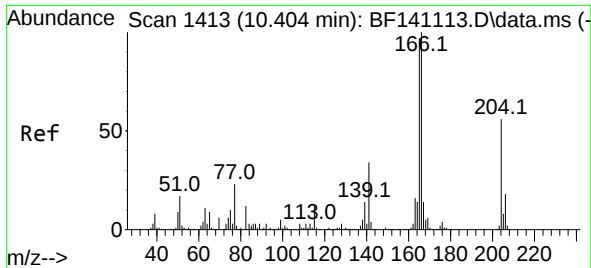
Tgt Ion:232 Resp: 242021
Ion Ratio Lower Upper
232 100
131 46.8 36.2 54.4
130 2.5 2.0 3.0
166 30.2 24.2 36.4



#60
Diethylphthalate
Concen: 49.710 ng
RT: 10.286 min Scan# 1393
Delta R.T. 0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:149 Resp: 860679
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.6 10.2 15.2

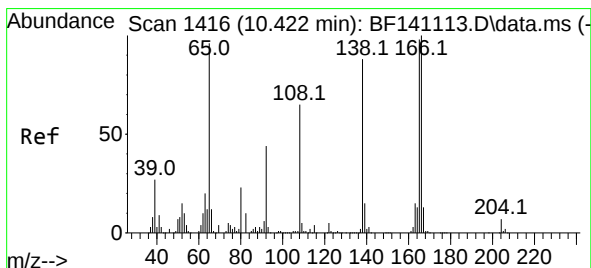
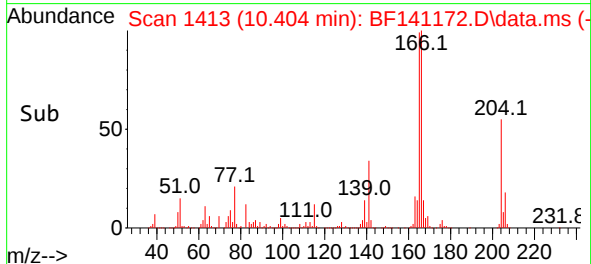
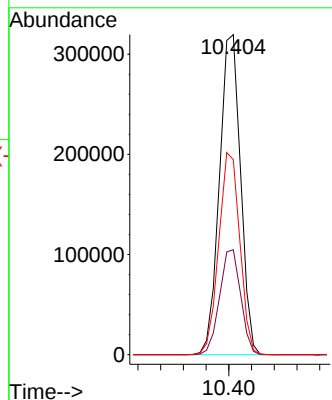
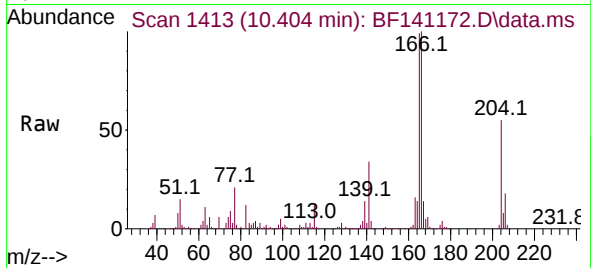




#61
4-Chlorophenyl-phenylether
Concen: 50.262 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

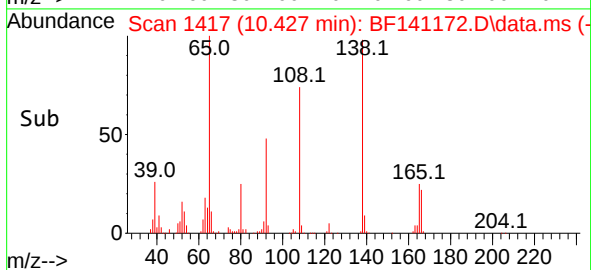
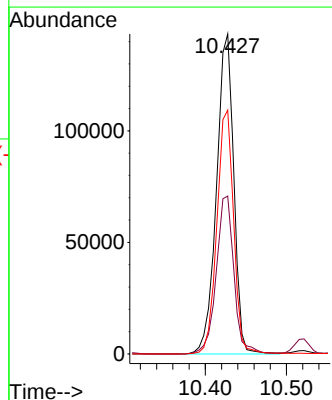
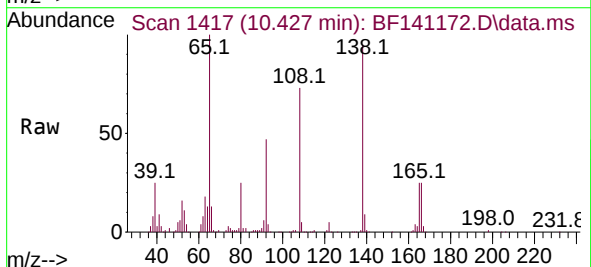
Instrument :
BNA_F
ClientSampleId :
PB166061BS

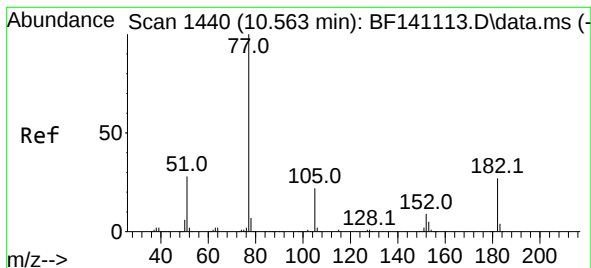
Tgt Ion:204 Resp: 412896
Ion Ratio Lower Upper
204 100
206 32.8 25.9 38.9
141 60.9 49.1 73.7



#62
4-Nitroaniline
Concen: 51.787 ng
RT: 10.427 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:138 Resp: 212430
Ion Ratio Lower Upper
138 100
92 49.4 29.4 69.4
108 76.2 53.7 93.7





#63

Azobenzene

Concen: 49.994 ng

RT: 10.563 min Scan# 1440

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

Tgt Ion: 77 Resp: 854110

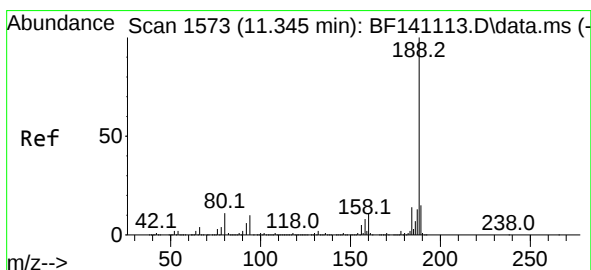
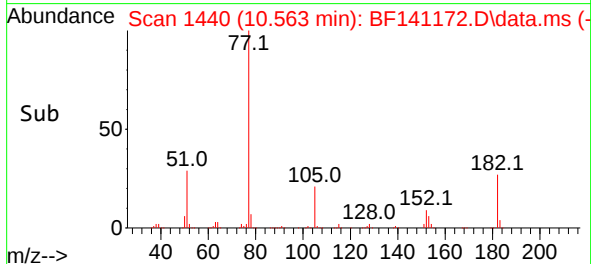
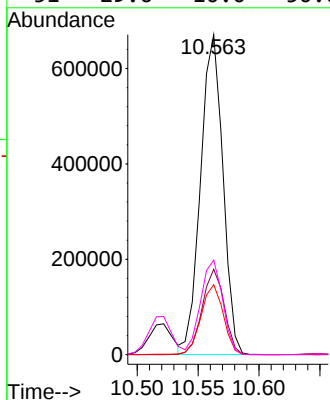
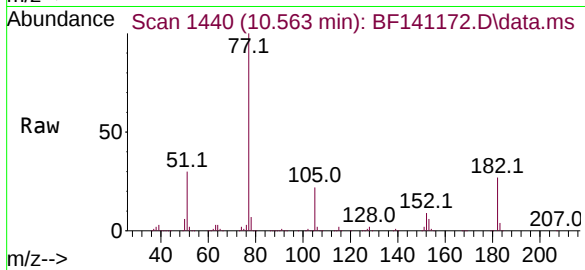
Ion Ratio Lower Upper

77 100

182 26.7 6.1 46.1

105 21.9 2.1 42.1

51 29.6 10.0 50.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

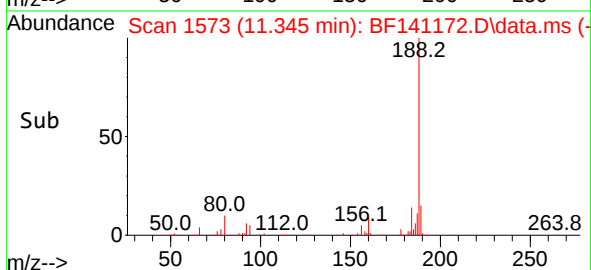
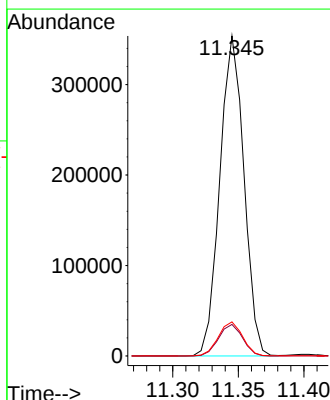
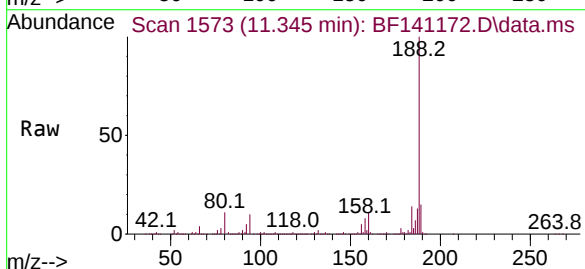
Tgt Ion: 188 Resp: 452645

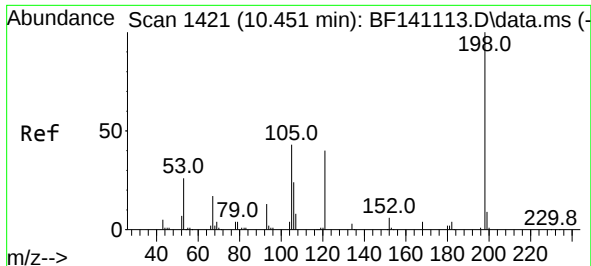
Ion Ratio Lower Upper

188 100

94 9.8 8.3 12.5

80 10.7 9.0 13.4

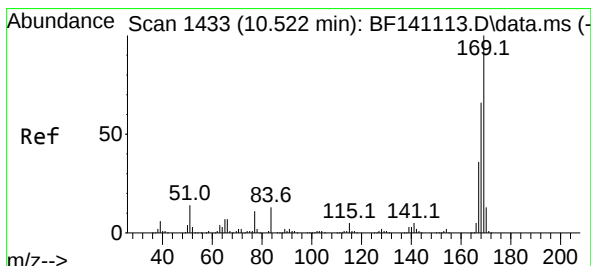
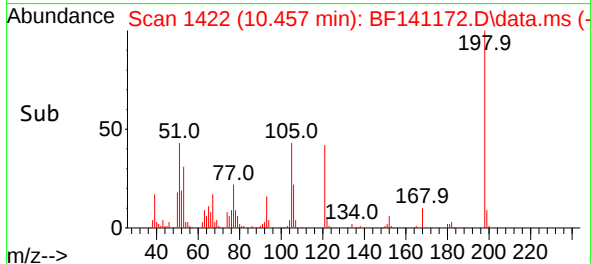
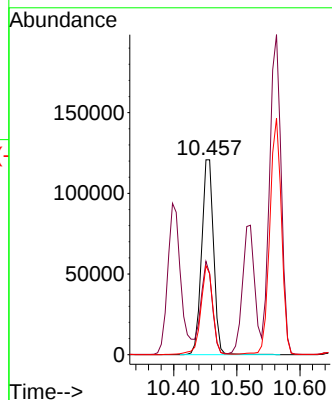
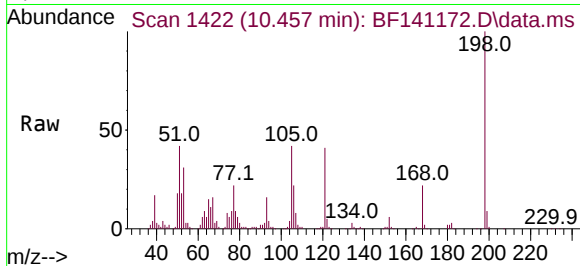




#65
4,6-Dinitro-2-methylphenol
Concen: 60.767 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

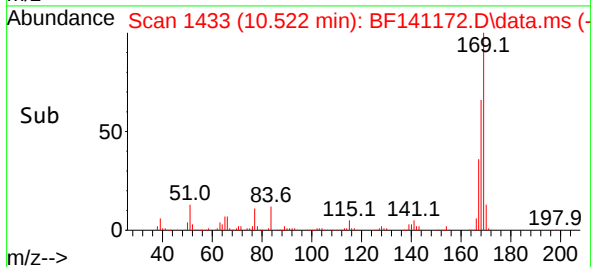
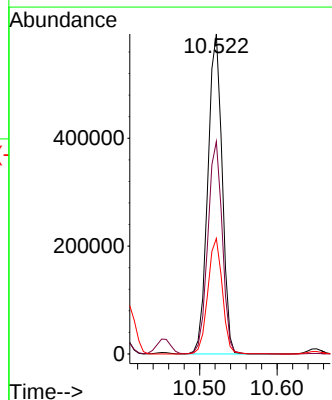
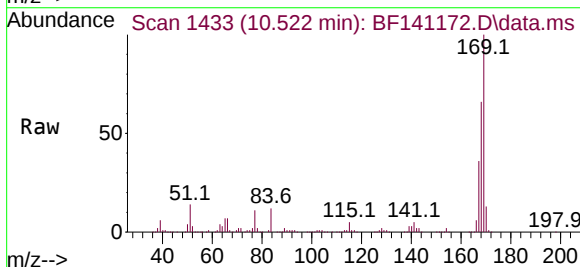
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:198 Resp: 159388
Ion Ratio Lower Upper
198 100
51 41.5 27.1 67.1
105 41.5 24.2 64.2



#66
n-Nitrosodiphenylamine
Concen: 52.076 ng
RT: 10.522 min Scan# 1433
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:169 Resp: 760298
Ion Ratio Lower Upper
169 100
168 66.4 52.5 78.7
167 36.1 28.9 43.3

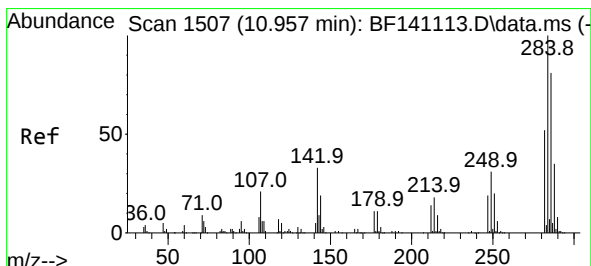
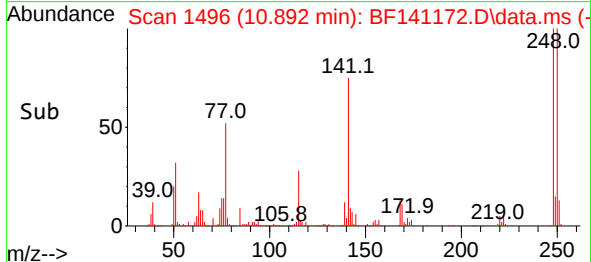
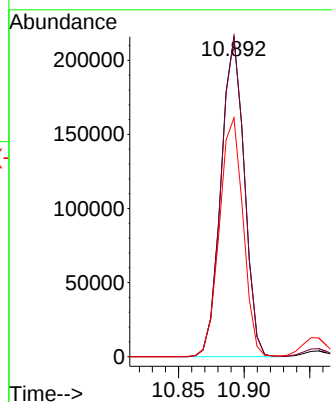
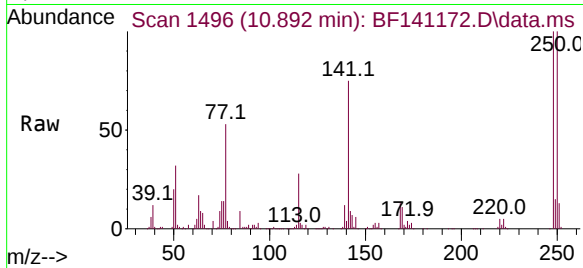




#67
4-Bromophenyl-phenylether
Concen: 51.032 ng
RT: 10.892 min Scan# 1496
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

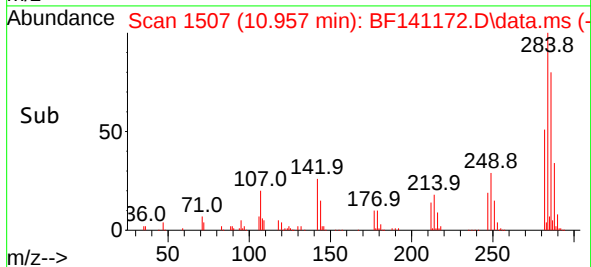
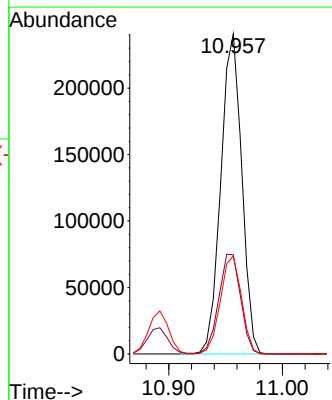
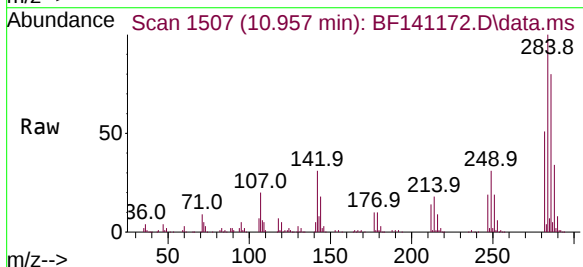
Instrument :
BNA_F
ClientSampleId :
PB166061BS

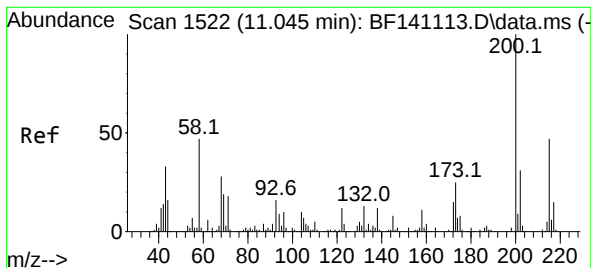
Tgt Ion:248 Resp: 265942
Ion Ratio Lower Upper
248 100
250 99.8 77.9 116.9
141 74.7 59.9 89.9



#68
Hexachlorobenzene
Concen: 53.114 ng
RT: 10.957 min Scan# 1507
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:284 Resp: 308124
Ion Ratio Lower Upper
284 100
142 31.0 26.3 39.5
249 30.7 24.9 37.3





#69

Atrazine

Concen: 65.219 ng

RT: 11.045 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

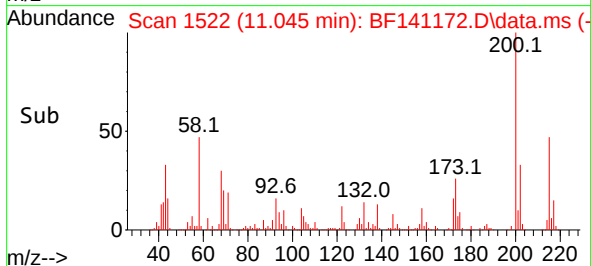
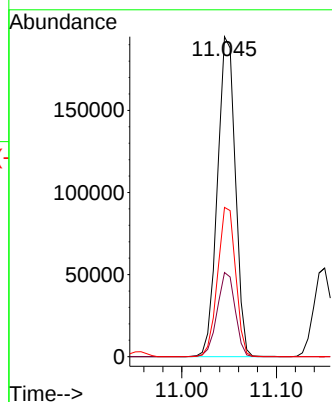
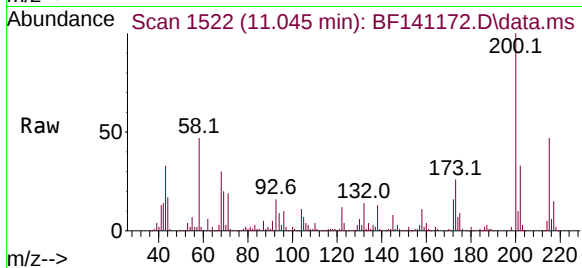
Tgt Ion:200 Resp: 256384

Ion Ratio Lower Upper

200 100

173 26.3 5.4 45.4

215 46.6 26.6 66.6



#70

Pentachlorophenol

Concen: 105.741 ng

RT: 11.151 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

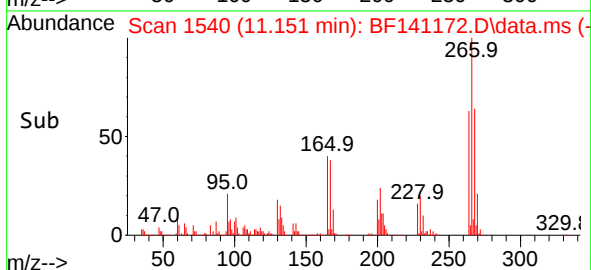
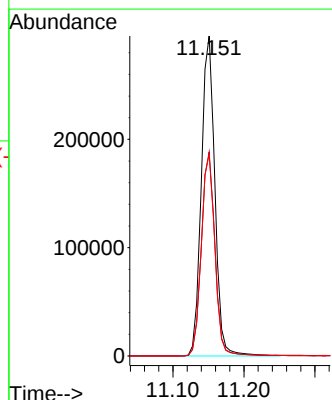
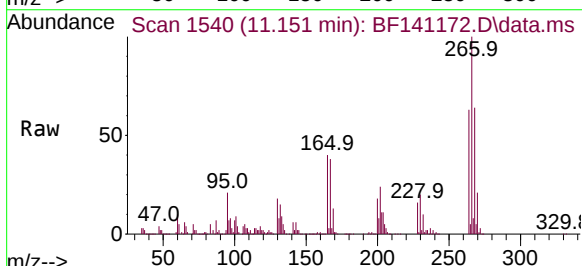
Tgt Ion:266 Resp: 392836

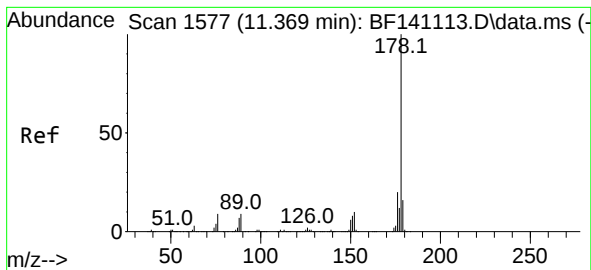
Ion Ratio Lower Upper

266 100

268 63.7 50.4 75.6

264 63.1 50.2 75.2





#71

Phenanthrene

Concen: 54.316 ng

RT: 11.369 min Scan# 1577

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

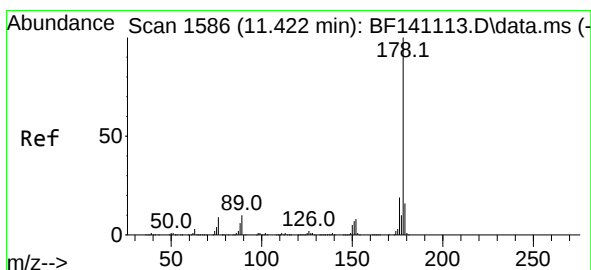
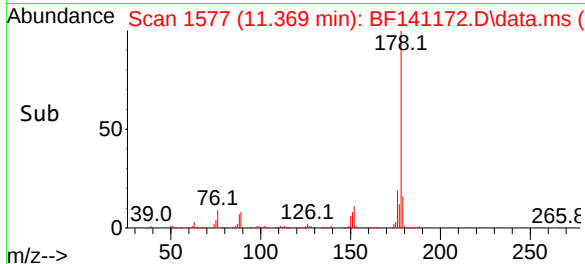
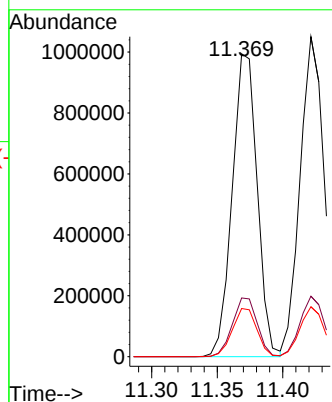
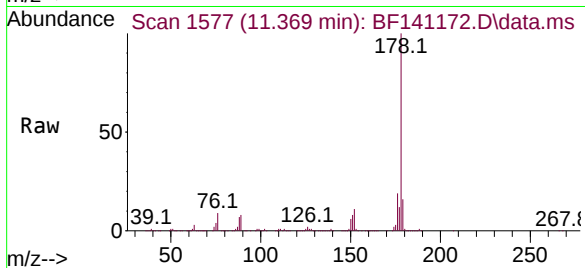
Tgt Ion:178 Resp: 1319932

Ion Ratio Lower Upper

178 100

176 19.4 15.7 23.5

179 15.9 12.6 19.0



#72

Anthracene

Concen: 56.385 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

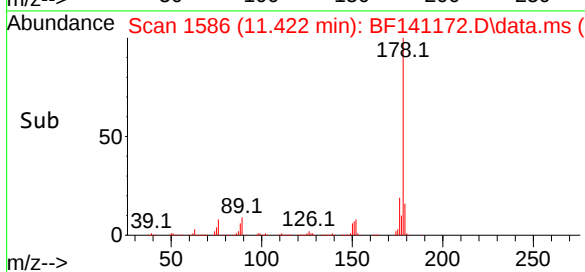
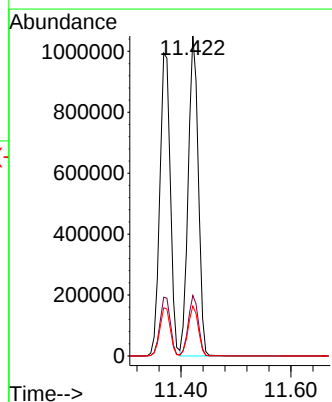
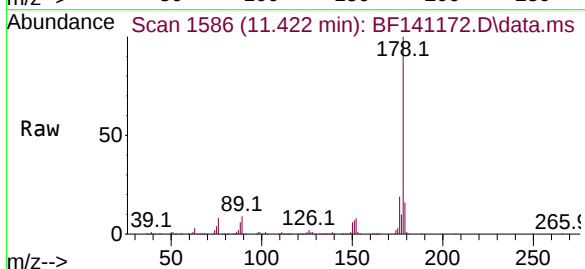
Tgt Ion:178 Resp: 1332321

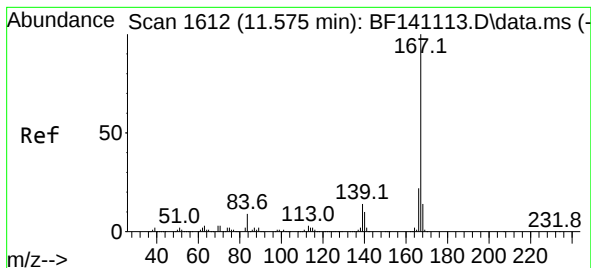
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.6 12.6 19.0





#73

Carbazole

Concen: 55.334 ng

RT: 11.574 min Scan# 1612

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

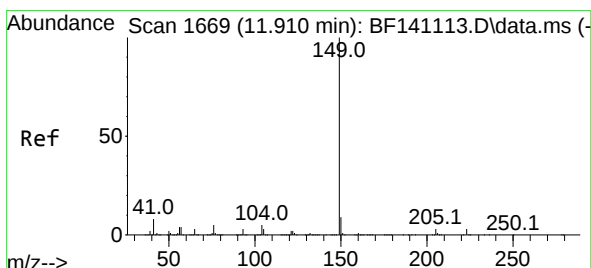
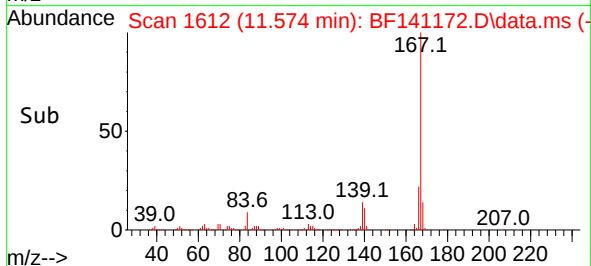
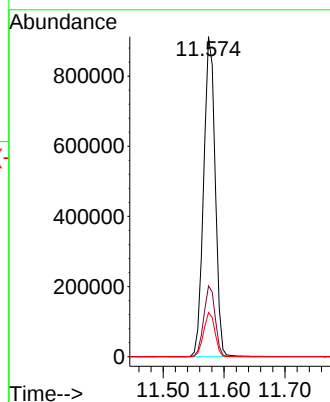
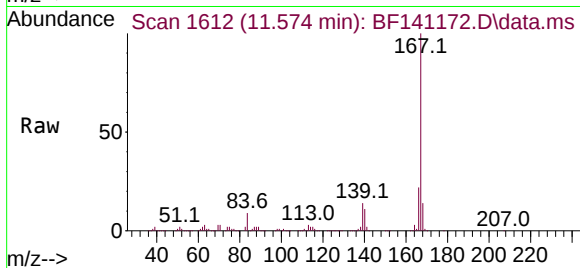
Tgt Ion:167 Resp: 1198881

Ion Ratio Lower Upper

167 100

166 22.1 17.4 26.2

139 13.8 10.9 16.3



#74

Di-n-butylphthalate

Concen: 51.891 ng

RT: 11.910 min Scan# 1669

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

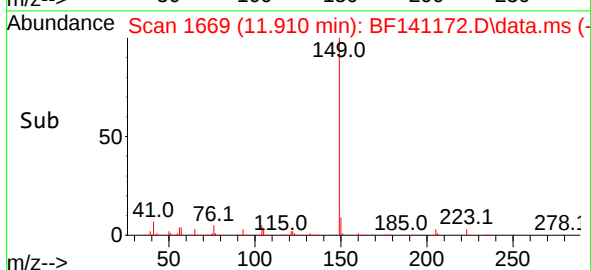
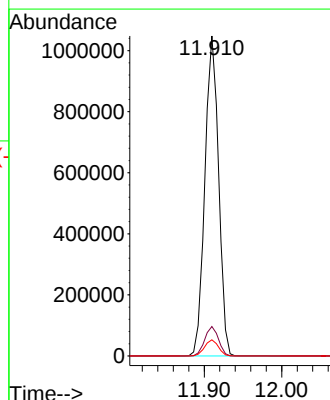
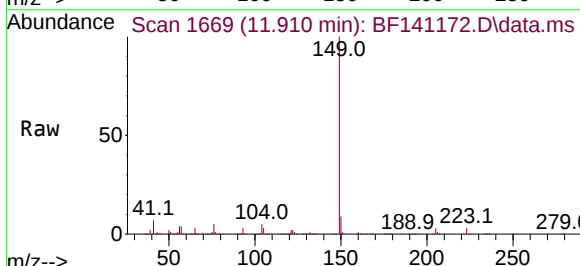
Tgt Ion:149 Resp: 1286652

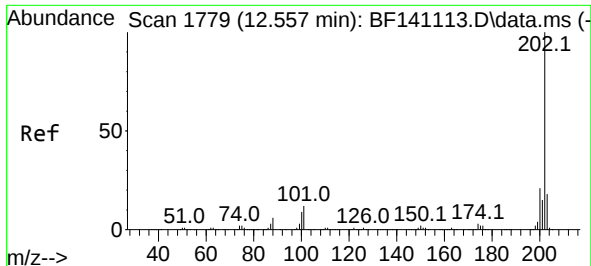
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.2

104 5.1 4.2 6.2

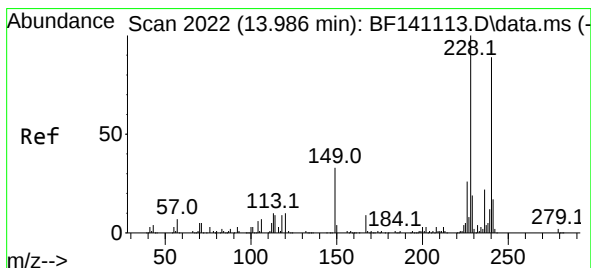
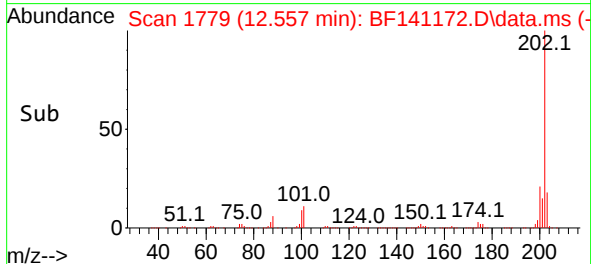
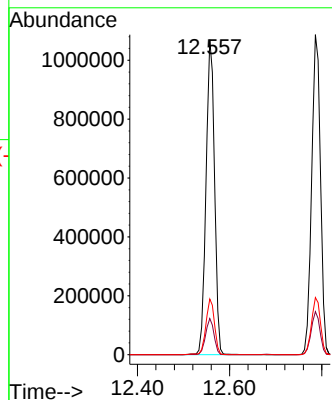
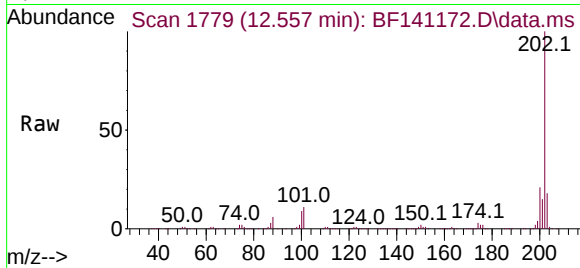




#75
Fluoranthene
Concen: 57.245 ng
RT: 12.557 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

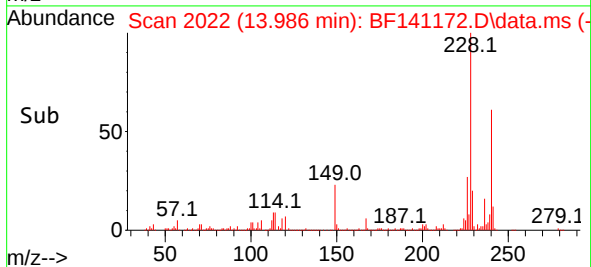
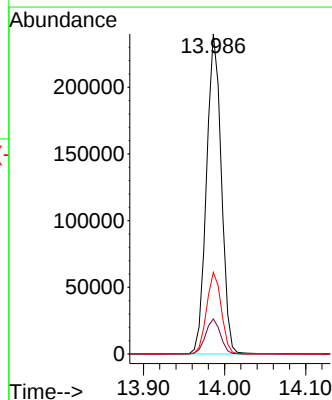
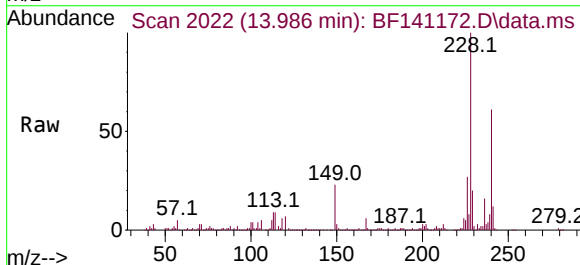
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:202 Resp: 1388188
Ion Ratio Lower Upper
202 100
101 11.5 0.0 32.3
203 17.7 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.986 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:240 Resp: 303424
Ion Ratio Lower Upper
240 100
120 10.9 9.1 13.7
236 25.5 19.8 29.6

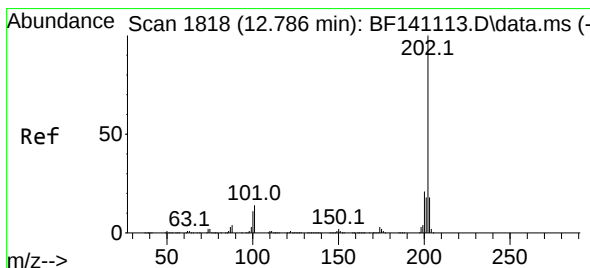
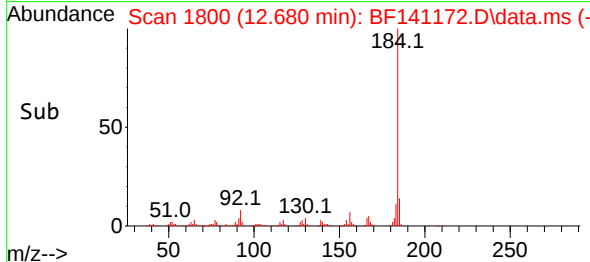
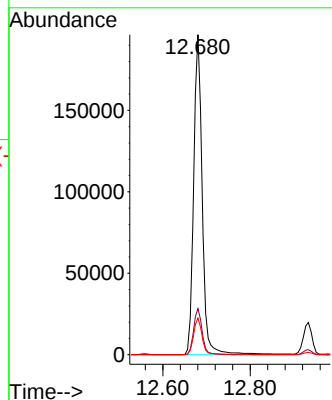
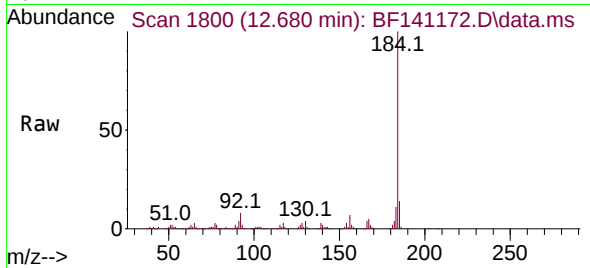




#77
Benzidine
Concen: 47.639 ng
RT: 12.680 min Scan# 1800
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

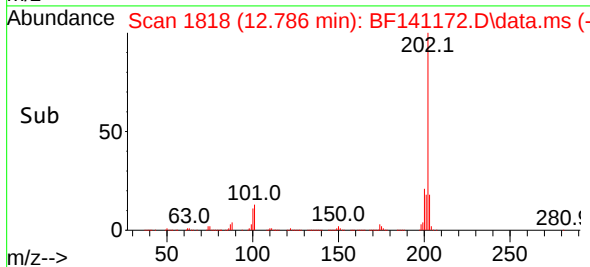
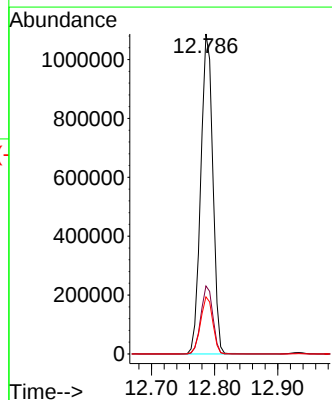
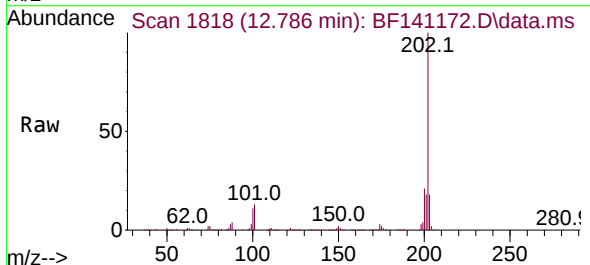
Instrument :
BNA_F
ClientSampleId :
PB166061BS

Tgt Ion:184 Resp: 268054
Ion Ratio Lower Upper
184 100
185 14.4 11.4 17.0
183 11.4 9.2 13.8



#78
Pyrene
Concen: 49.572 ng
RT: 12.786 min Scan# 1818
Delta R.T. -0.000 min
Lab File: BF141172.D
Acq: 15 Jan 2025 13:38

Tgt Ion:202 Resp: 1436638
Ion Ratio Lower Upper
202 100
200 21.2 16.8 25.2
203 17.9 14.3 21.5





#79

Terphenyl-d14

Concen: 96.512 ng

RT: 12.933 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

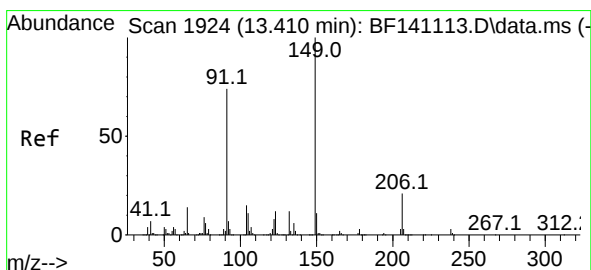
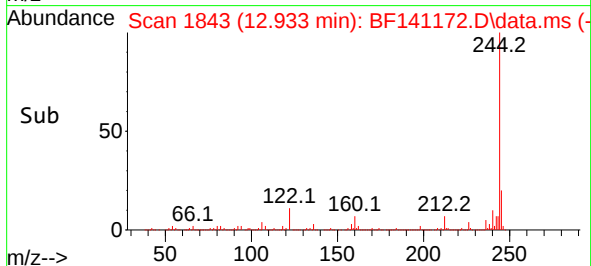
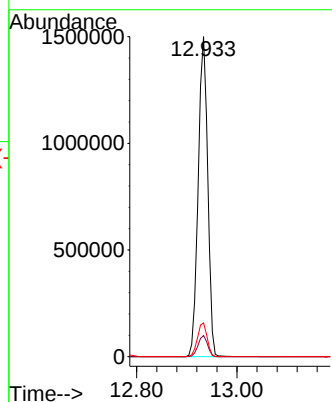
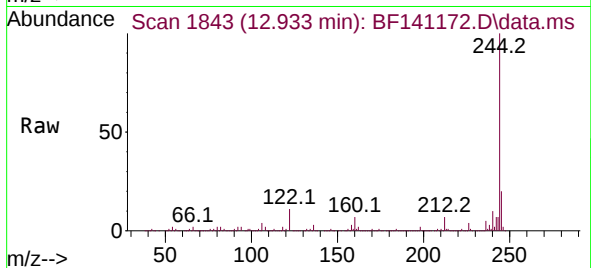
Tgt Ion:244 Resp: 1970268

Ion Ratio Lower Upper

244 100

212 6.6 5.4 8.2

122 10.5 8.8 13.2



#80

Butylbenzylphthalate

Concen: 52.657 ng

RT: 13.410 min Scan# 1924

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

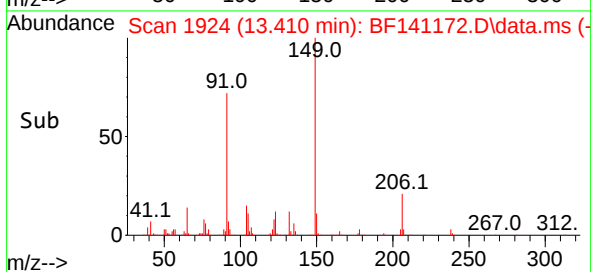
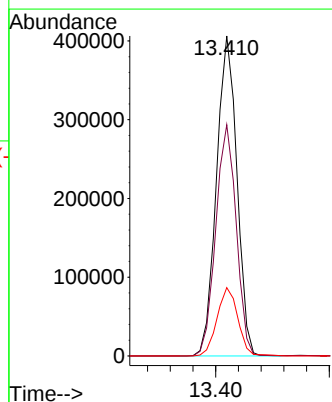
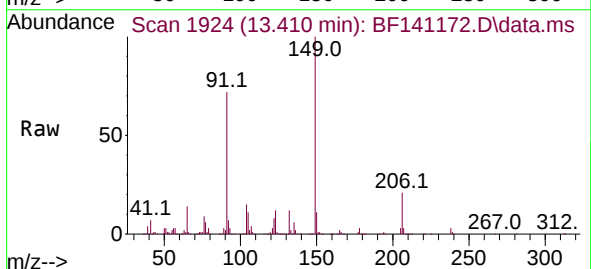
Tgt Ion:149 Resp: 508795

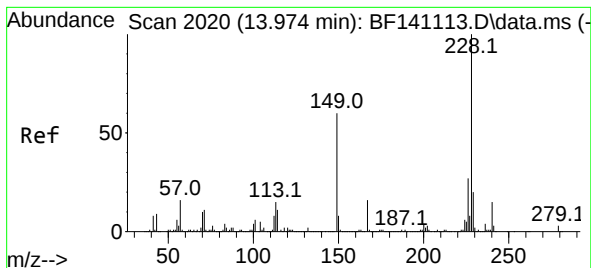
Ion Ratio Lower Upper

149 100

91 72.2 59.0 88.6

206 21.3 16.5 24.7





#81

Benzo(a)anthracene

Concen: 50.654 ng

RT: 13.974 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

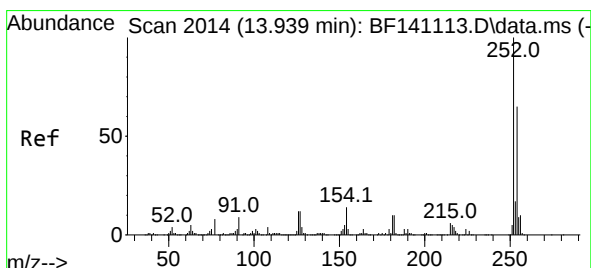
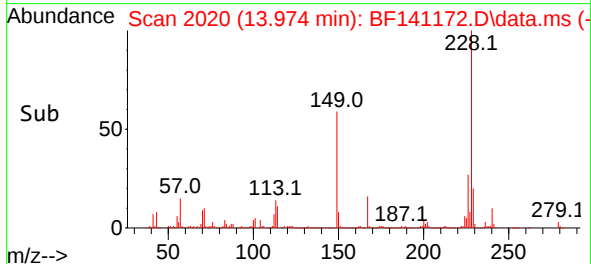
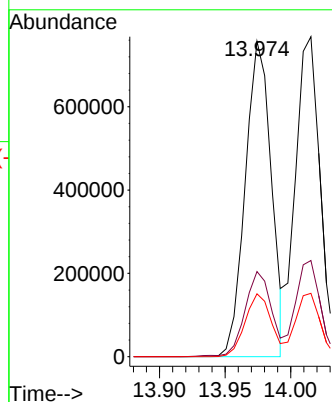
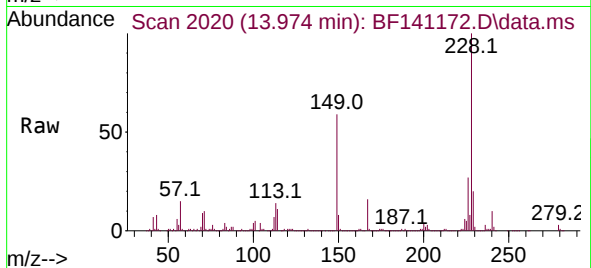
Tgt Ion:228 Resp: 1046000

Ion Ratio Lower Upper

228 100

226 27.0 21.7 32.5

229 20.0 15.7 23.5



#82

3,3'-Dichlorobenzidine

Concen: 32.609 ng

RT: 13.939 min Scan# 2014

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

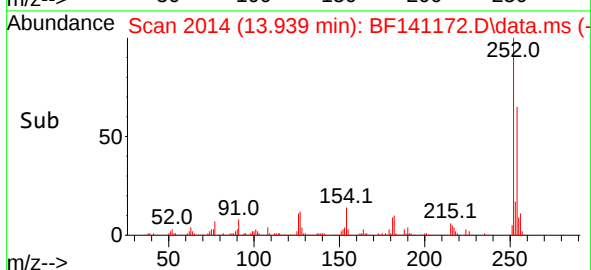
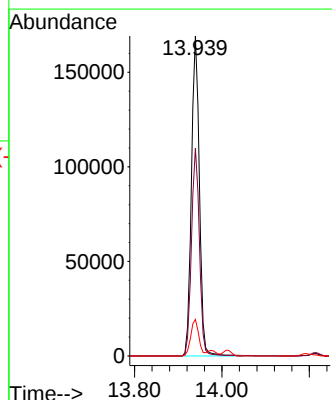
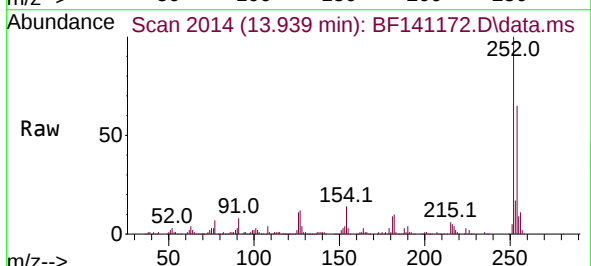
Tgt Ion:252 Resp: 214412

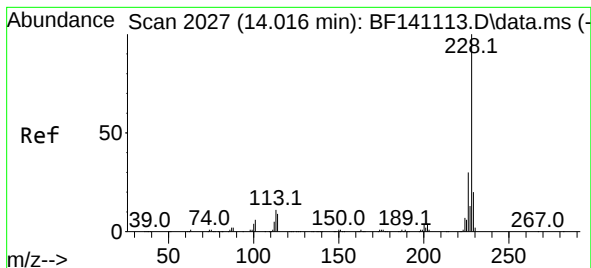
Ion Ratio Lower Upper

252 100

254 65.0 52.0 78.0

126 11.4 9.4 14.0





#83

Chrysene

Concen: 51.701 ng

RT: 14.015 min Scan# 20

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

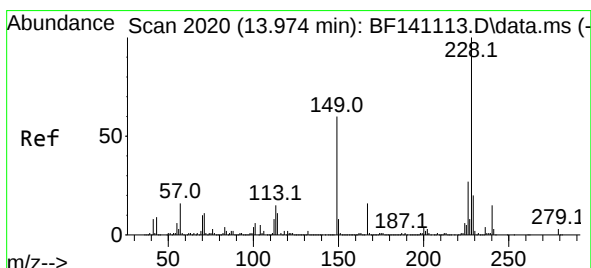
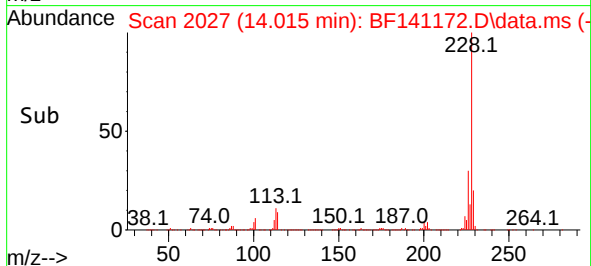
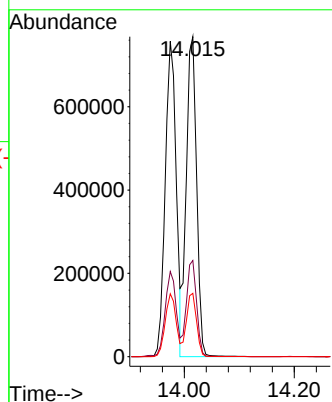
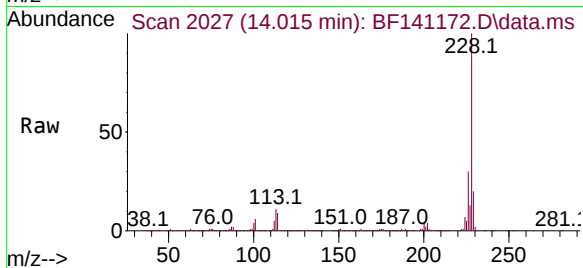
Tgt Ion:228 Resp: 998963

Ion Ratio Lower Upper

228 100

226 30.1 23.8 35.8

229 19.8 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.112 ng

RT: 13.968 min Scan# 2019

Delta R.T. -0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

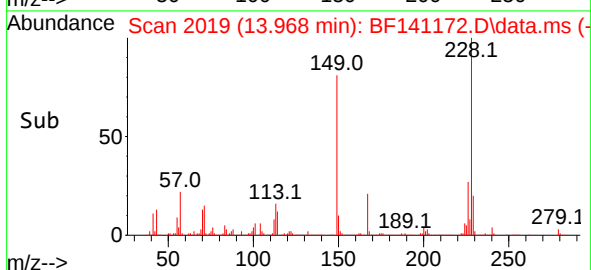
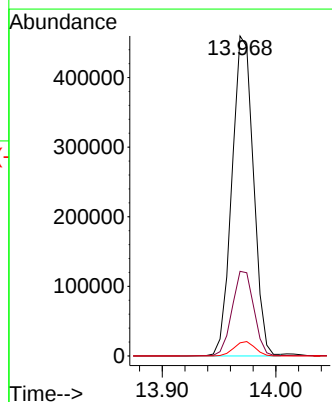
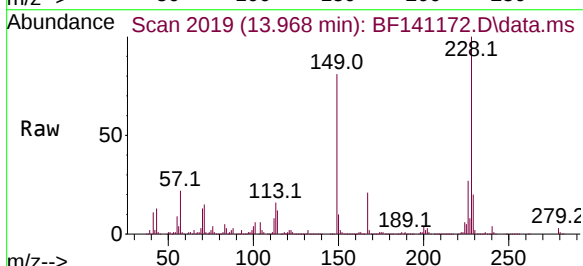
Tgt Ion:149 Resp: 604164

Ion Ratio Lower Upper

149 100

167 26.5 21.4 32.2

279 4.1 3.4 5.2





#85

Di-n-octyl phthalate

Concen: 50.327 ng

RT: 14.586 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

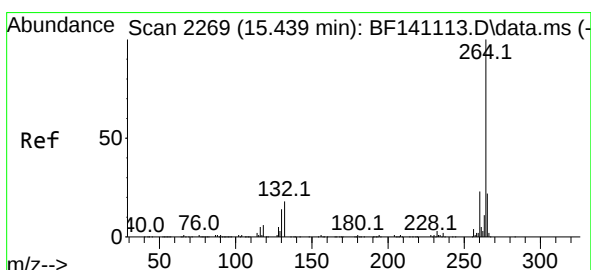
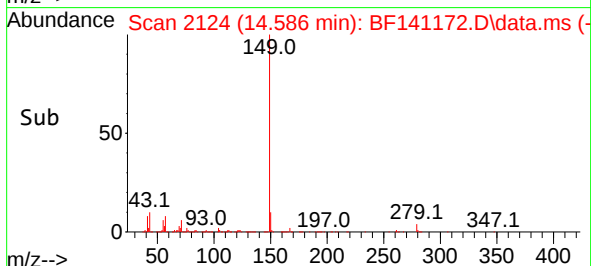
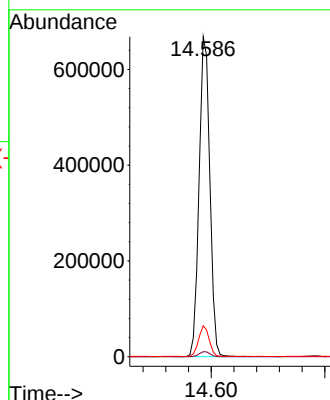
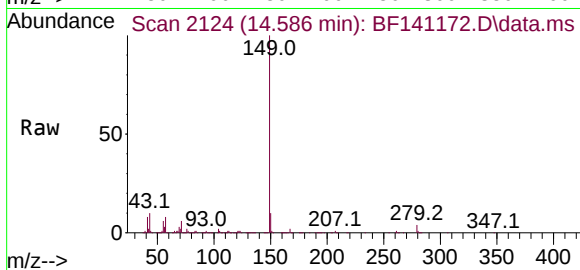
Tgt Ion:149 Resp: 881079

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 9.4 8.4 12.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.445 min Scan# 2270

Delta R.T. 0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

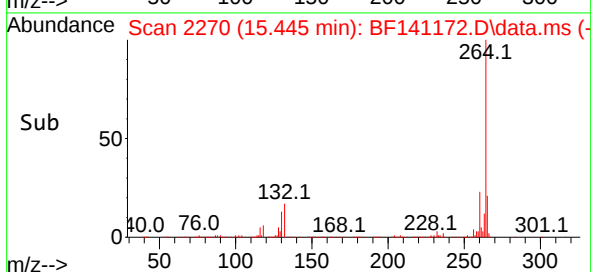
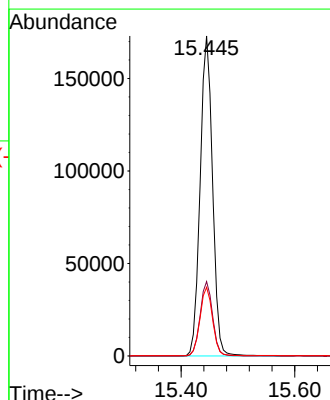
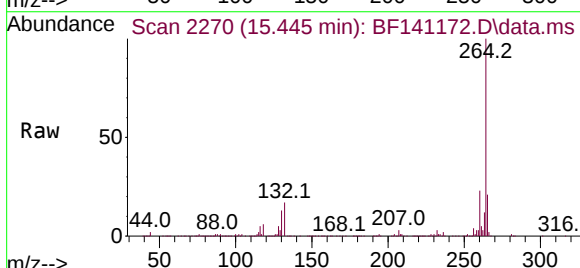
Tgt Ion:264 Resp: 262459

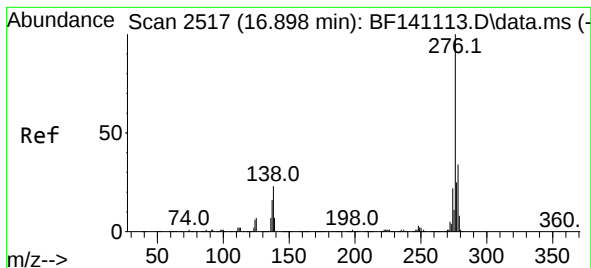
Ion Ratio Lower Upper

264 100

260 23.2 18.6 28.0

265 21.4 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.722 ng

RT: 16.904 min Scan# 2198

Delta R.T. 0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

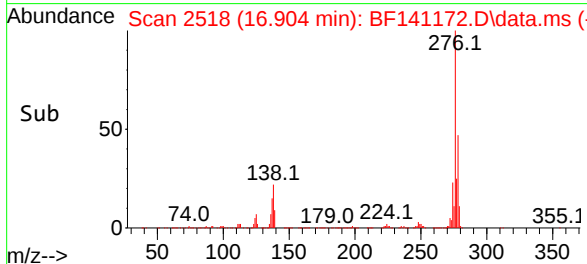
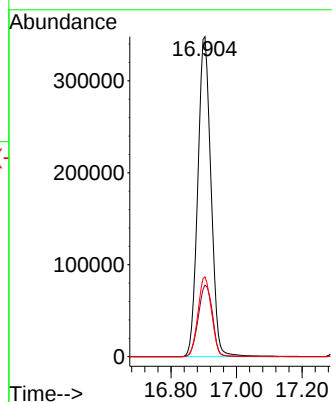
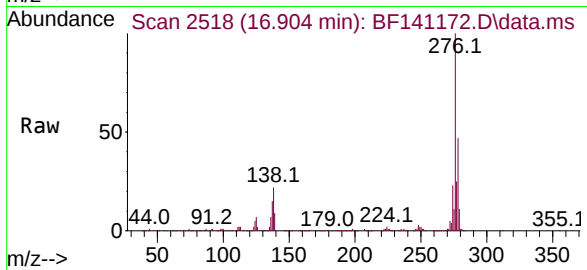
Tgt Ion:276 Resp: 975311

Ion Ratio Lower Upper

276 100

138 24.2 20.7 31.1

277 25.8 20.6 30.8



#88

Benzo(b)fluoranthene

Concen: 55.502 ng

RT: 15.021 min Scan# 2198

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

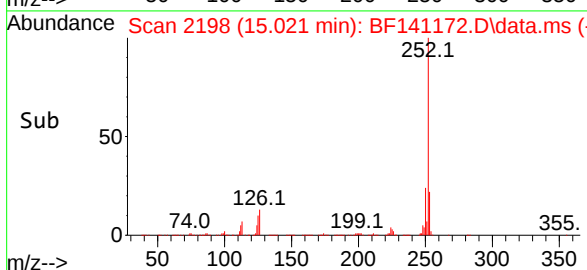
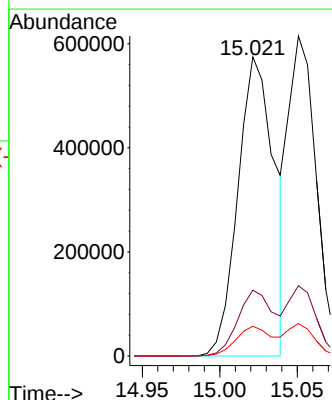
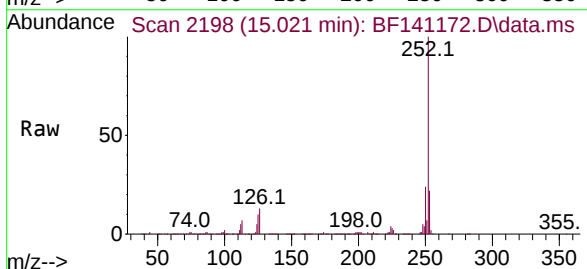
Tgt Ion:252 Resp: 939329

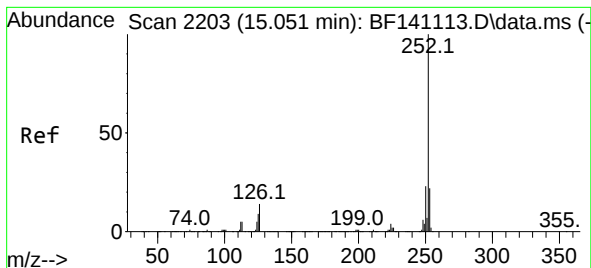
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 10.0 8.1 12.1





#89

Benzo(k)fluoranthene

Concen: 53.645 ng

RT: 15.051 min Scan# 21

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

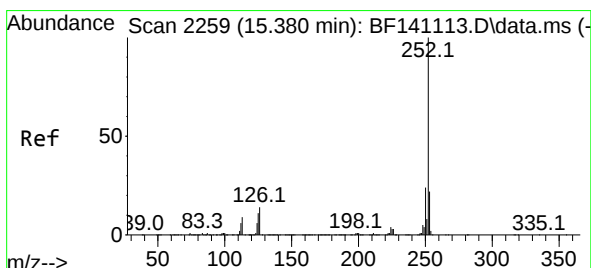
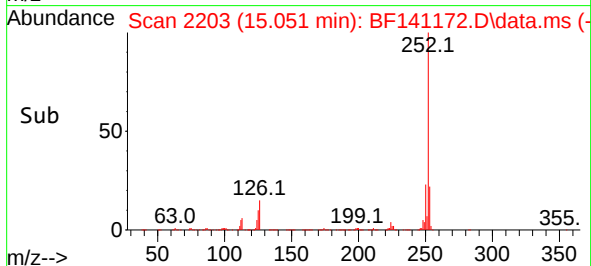
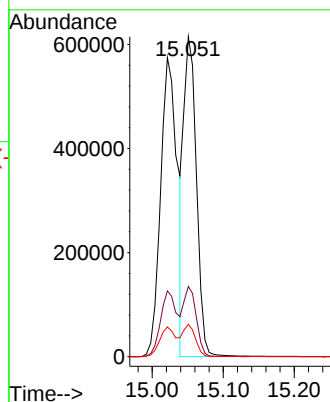
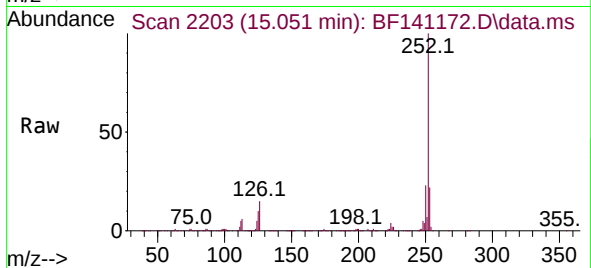
Tgt Ion:252 Resp: 767255

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 10.1 7.9 11.9



#90

Benzo(a)pyrene

Concen: 57.937 ng

RT: 15.386 min Scan# 2260

Delta R.T. 0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

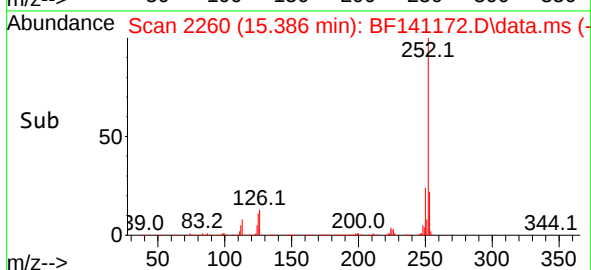
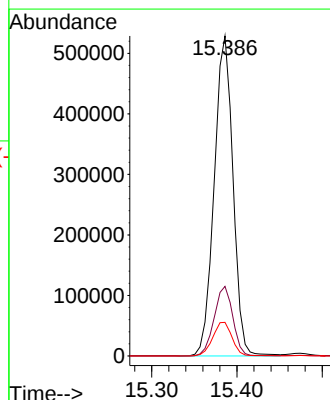
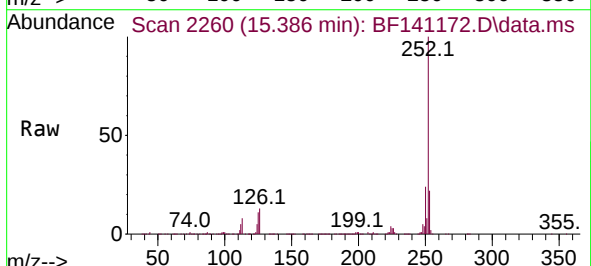
Tgt Ion:252 Resp: 809001

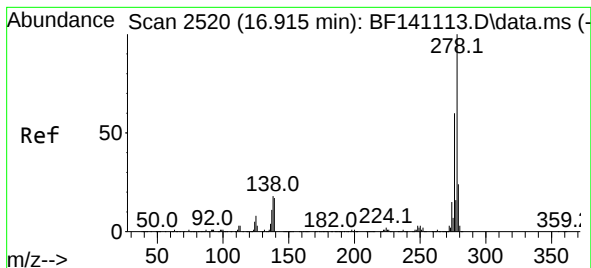
Ion Ratio Lower Upper

252 100

253 21.7 17.7 26.5

125 10.5 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 50.976 ng

RT: 16.921 min Scan# 2521

Delta R.T. 0.006 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Instrument :

BNA_F

ClientSampleId :

PB166061BS

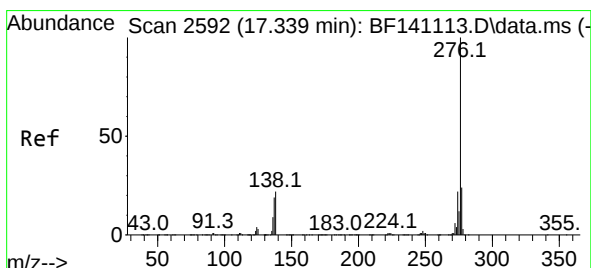
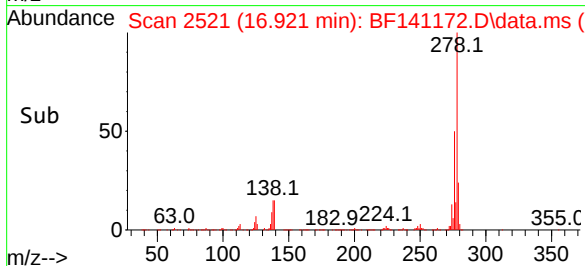
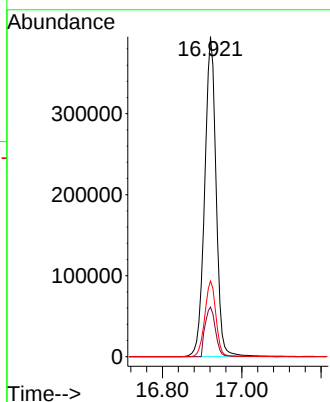
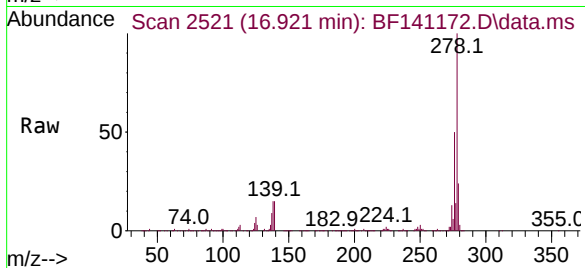
Tgt Ion:278 Resp: 792781

Ion Ratio Lower Upper

278 100

139 15.5 13.8 20.6

279 23.7 19.1 28.7



#92

Benzo(g,h,i)perylene

Concen: 44.709 ng

RT: 17.339 min Scan# 2592

Delta R.T. -0.000 min

Lab File: BF141172.D

Acq: 15 Jan 2025 13:38

Tgt Ion:276 Resp: 723237

Ion Ratio Lower Upper

276 100

277 23.8 19.0 28.4

138 21.0 17.4 26.2

