

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022125\
 Data File : BF141714.D
 Acq On : 21 Feb 2025 12:14
 Operator : RC/JU
 Sample : PB166806BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166806BS

Quant Time: Feb 21 12:45:02 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF020625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 06 16:58:59 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	93892	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	364534	20.000	ng	-0.01
39) Acenaphthene-d10	9.816	164	191905	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	311771	20.000	ng	-0.02
76) Chrysene-d12	13.939	240	186393	20.000	ng	-0.02
86) Perylene-d12	15.374	264	169040	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	784579	131.004	ng	0.00
7) Phenol-d6	6.428	99	956210	126.323	ng	-0.01
23) Nitrobenzene-d5	7.345	82	628335	89.903	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	254738	132.141	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1179523	94.694	ng	-0.01
79) Terphenyl-d14	12.880	244	1157257	104.813	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.593	88	98834	41.003	ng	98
3) Pyridine	3.328	79	230380	40.164	ng	94
4) n-Nitrosodimethylamine	3.275	42	144107	37.943	ng	91
6) Aniline	6.445	93	234681	33.051	ng	# 80
8) 2-Chlorophenol	6.569	128	283507	43.810	ng	100
9) Benzaldehyde	6.328	77	118303	29.410	ng	97
10) Phenol	6.439	94	327586	41.580	ng	97
11) bis(2-Chloroethyl)ether	6.516	93	262160	44.302	ng	98
12) 1,3-Dichlorobenzene	6.722	146	290884	42.577	ng	97
13) 1,4-Dichlorobenzene	6.798	146	297968	42.687	ng	98
14) 1,2-Dichlorobenzene	6.945	146	283205	43.715	ng	99
15) Benzyl Alcohol	6.928	79	232590	40.069	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	401010	39.587	ng	75
17) 2-Methylphenol	7.045	107	219179	43.280	ng	97
18) Hexachloroethane	7.286	117	111223	43.054	ng	99
19) n-Nitroso-di-n-propyla...	7.198	70	191618	42.320	ng	94
20) 3+4-Methylphenols	7.198	107	284942	44.274	ng	97
22) Acetophenone	7.192	105	424561	46.820	ng	94
24) Nitrobenzene	7.369	77	286972	42.108	ng	97
25) Isophorone	7.604	82	518323	46.512	ng	98
26) 2-Nitrophenol	7.681	139	152077	44.852	ng	95
27) 2,4-Dimethylphenol	7.722	122	225466	56.921	ng	98
28) bis(2-Chloroethoxy)met...	7.816	93	315575	44.194	ng	100
29) 2,4-Dichlorophenol	7.928	162	236471	44.185	ng	99
30) 1,2,4-Trichlorobenzene	8.004	180	252073	43.252	ng	100
31) Naphthalene	8.086	128	807300	42.545	ng	100
32) Benzoic acid	7.869	122	162305m	39.448	ng	
33) 4-Chloroaniline	8.139	127	64059	9.669	ng	99
34) Hexachlorobutadiene	8.198	225	153773	43.950	ng	100
35) Caprolactam	8.510	113	80110m	49.162	ng	
36) 4-Chloro-3-methylphenol	8.633	107	253094	42.692	ng	99
37) 2-Methylnaphthalene	8.775	142	510185	41.318	ng	98
38) 1-Methylnaphthalene	8.875	142	498613	41.692	ng	98
40) 1,2,4,5-Tetrachloroben...	8.939	216	278516	50.165	ng	98
41) Hexachlorocyclopentadiene	8.928	237	263912	142.913	ng	98
43) 2,4,6-Trichlorophenol	9.057	196	156640	43.652	ng	99

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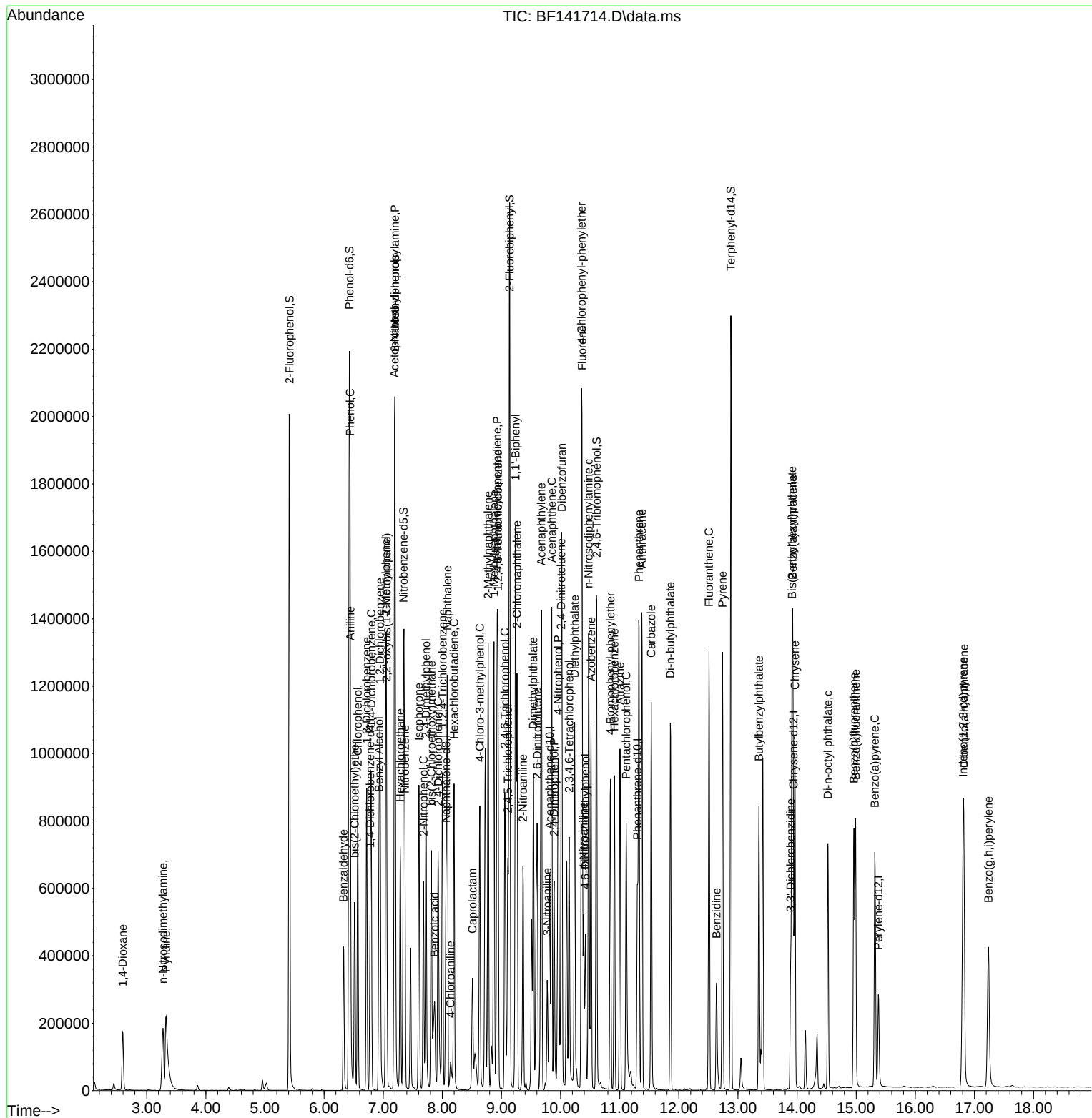
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.110	196	171275	44.041	ng	97
46) 1,1'-Biphenyl	9.239	154	731985	49.199	ng	100
47) 2-Chloronaphthalene	9.263	162	499394	45.392	ng	99
48) 2-Nitroaniline	9.363	65	158099	42.819	ng	98
49) Acenaphthylene	9.675	152	763155	46.636	ng	99
50) Dimethylphthalate	9.539	163	590834	45.351	ng	100
51) 2,6-Dinitrotoluene	9.604	165	128751	45.208	ng	99
52) Acenaphthene	9.851	154	473646	43.053	ng	98
53) 3-Nitroaniline	9.775	138	69664	22.727	ng	96
54) 2,4-Dinitrophenol	9.892	184	135362	79.971	ng	91
55) Dibenzofuran	10.022	168	679499	42.080	ng	99
56) 4-Nitrophenol	9.957	139	165829	72.877	ng	93
57) 2,4-Dinitrotoluene	10.010	165	169094	44.600	ng	98
58) Fluorene	10.363	166	545912	43.723	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	147784	44.139	ng	95
60) Diethylphthalate	10.239	149	556470	43.413	ng	99
61) 4-Chlorophenyl-phenyle...	10.357	204	265384	44.182	ng	98
62) 4-Nitroaniline	10.392	138	124740	40.077	ng	98
63) Azobenzene	10.516	77	524788	41.183	ng	95
65) 4,6-Dinitro-2-methylph...	10.422	198	91054	42.043	ng	92
66) n-Nitrosodiphenylamine	10.474	169	475632	47.658	ng	99
67) 4-Bromophenyl-phenylether	10.845	248	162044	46.505	ng	99
68) Hexachlorobenzene	10.910	284	171673	47.846	ng	98
69) Atrazine	11.004	200	174833	58.394	ng	99
70) Pentachlorophenol	11.110	266	154877	67.506	ng	100
71) Phenanthrene	11.327	178	782861	45.617	ng	100
72) Anthracene	11.374	178	797708	46.240	ng	100
73) Carbazole	11.533	167	671874	43.283	ng	99
74) Di-n-butylphthalate	11.857	149	794544	44.329	ng	100
75) Fluoranthene	12.510	202	753505	41.414	ng	100
77) Benzidine	12.639	184	210700	51.256	ng	99
78) Pyrene	12.739	202	753153	47.466	ng	100
80) Butylbenzylphthalate	13.357	149	268872	48.922	ng	99
81) Benzo(a)anthracene	13.927	228	566639	45.733	ng	100
82) 3,3'-Dichlorobenzidine	13.892	252	110955	31.262	ng	98
83) Chrysene	13.963	228	515705	45.077	ng	100
84) Bis(2-ethylhexyl)phtha...	13.915	149	328288	52.962	ng	99
85) Di-n-octyl phthalate	14.521	149	478056	54.062	ng	97
87) Indeno(1,2,3-cd)pyrene	16.809	276	518958	49.686	ng	99
88) Benzo(b)fluoranthene	14.962	252	477712	42.088	ng	99
89) Benzo(k)fluoranthene	14.992	252	446474	46.066	ng	98
90) Benzo(a)pyrene	15.315	252	439317	47.834	ng	99
91) Dibenzo(a,h)anthracene	16.821	278	419186	49.530	ng	99
92) Benzo(g,h,i)perylene	17.239	276	405312	45.764	ng	99

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

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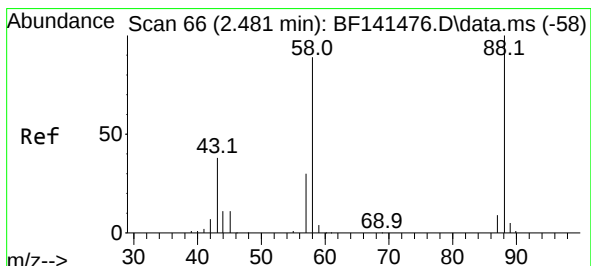
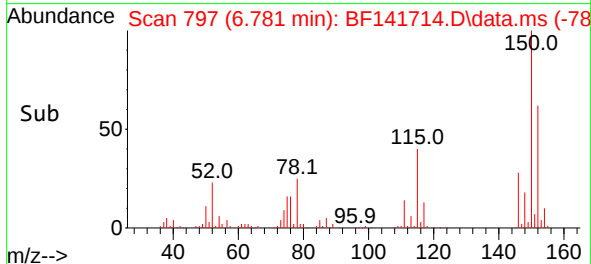
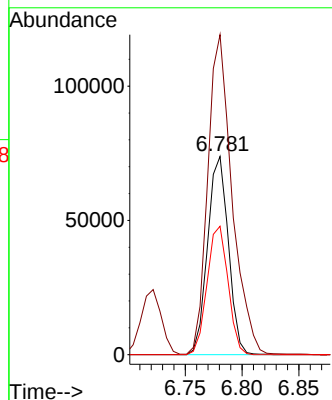
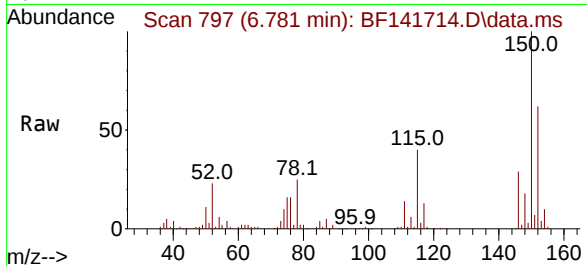




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

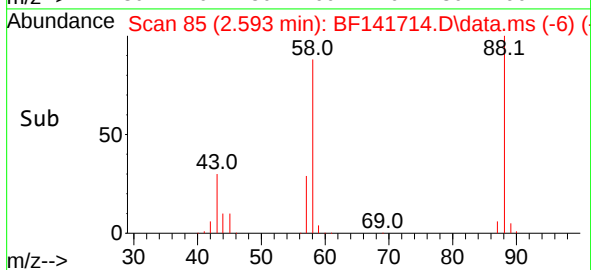
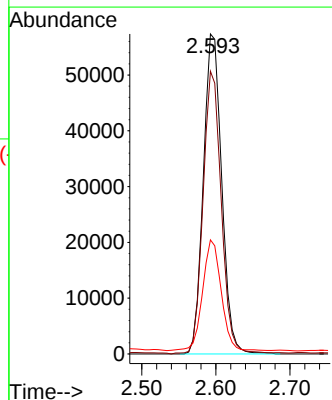
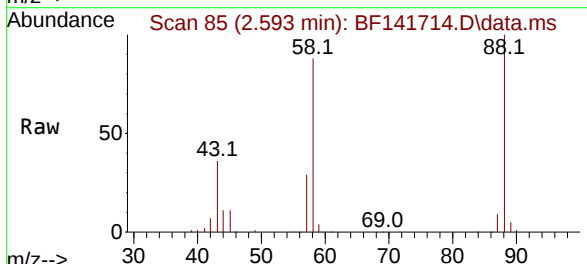
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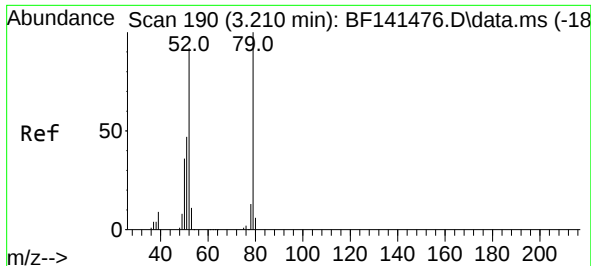
Tgt Ion:152 Resp: 93892
 Ion Ratio Lower Upper
 152 100
 150 161.4 125.0 187.4
 115 64.8 53.6 80.4



#2
 1,4-Dioxane
 Concen: 41.003 ng
 RT: 2.593 min Scan# 85
 Delta R.T. 0.112 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

Tgt Ion: 88 Resp: 98834
 Ion Ratio Lower Upper
 88 100
 58 87.9 71.1 106.7
 43 34.9 30.6 46.0





#3

Pyridine

Concen: 40.164 ng

RT: 3.328 min Scan# 21

Delta R.T. 0.112 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

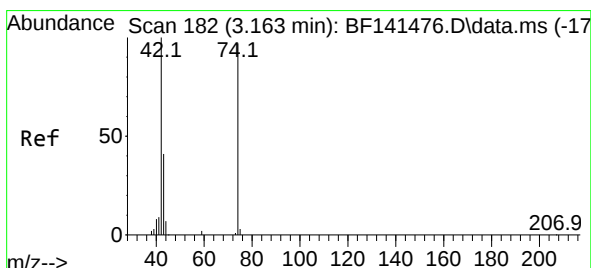
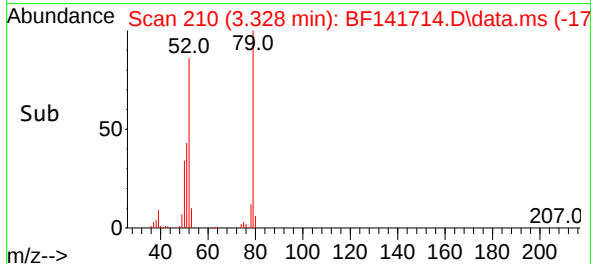
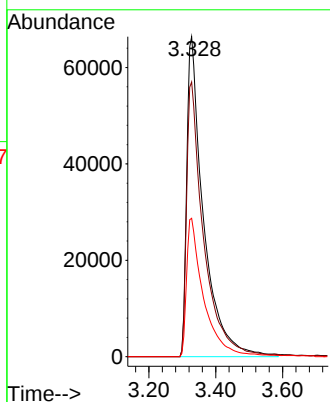
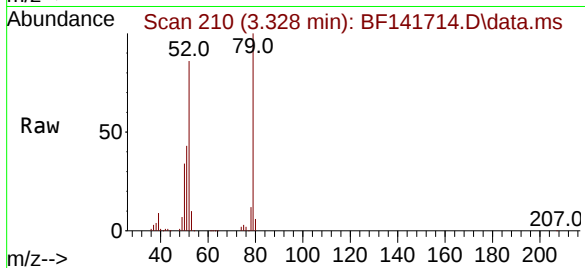
Tgt Ion: 79 Resp: 230380

Ion Ratio Lower Upper

79 100

52 85.9 73.7 110.5

51 43.3 37.5 56.3



#4

n-Nitrosodimethylamine

Concen: 37.943 ng

RT: 3.275 min Scan# 201

Delta R.T. 0.088 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

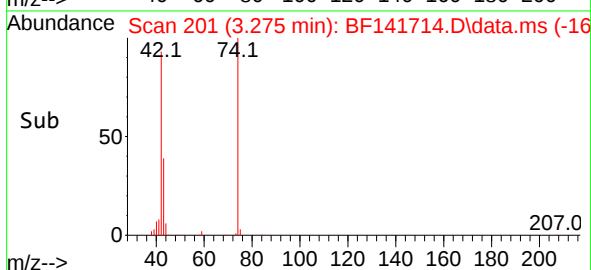
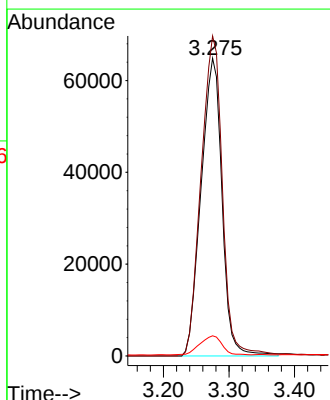
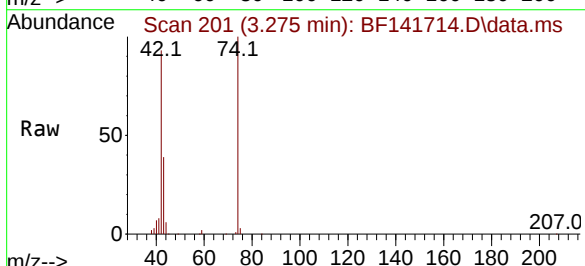
Tgt Ion: 42 Resp: 144107

Ion Ratio Lower Upper

42 100

74 107.4 78.0 117.0

44 6.7 5.4 8.2

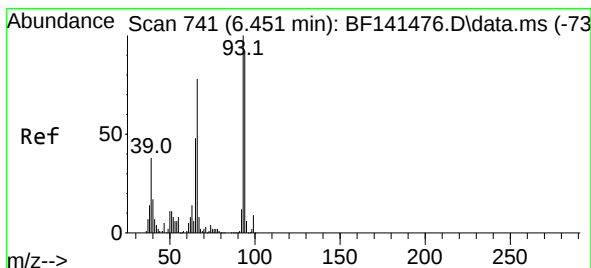
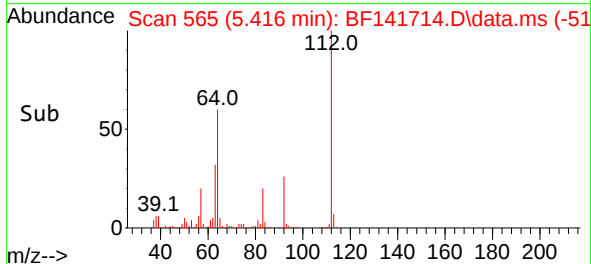
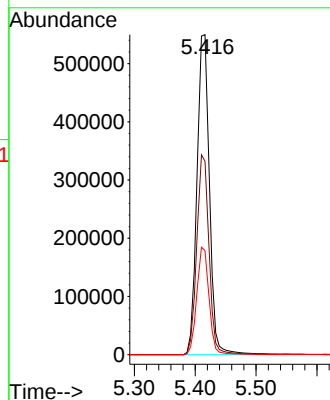
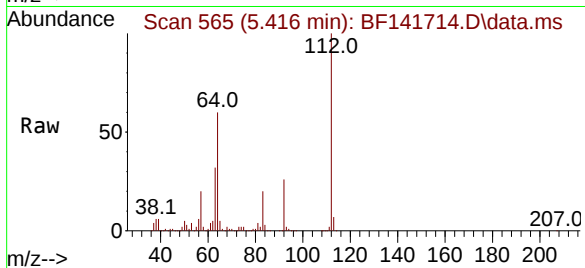




#5
2-Fluorophenol
Concen: 131.004 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

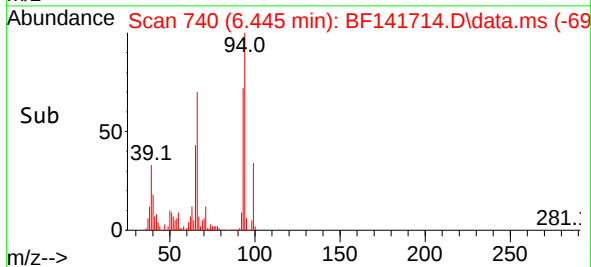
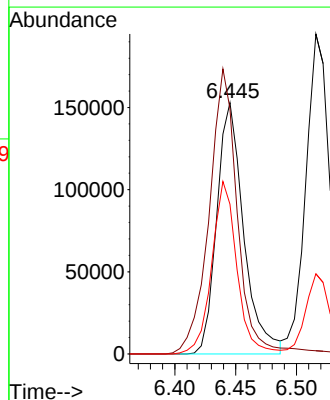
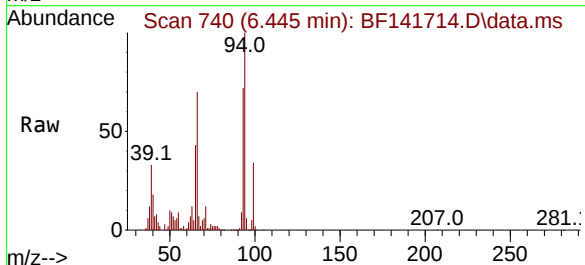
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Tgt Ion:112 Resp: 784579
Ion Ratio Lower Upper
112 100
64 60.4 51.1 76.7
63 32.5 28.4 42.6



#6
Aniline
Concen: 33.051 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion: 93 Resp: 234681
Ion Ratio Lower Upper
93 100
66 97.5 62.6 94.0#
65 59.6 38.3 57.5#

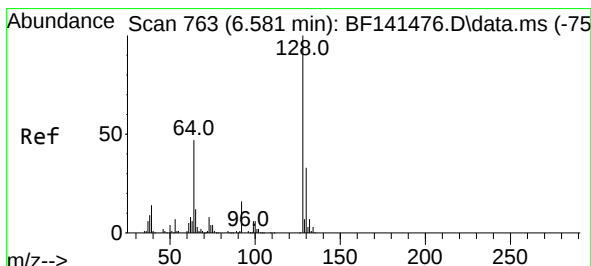
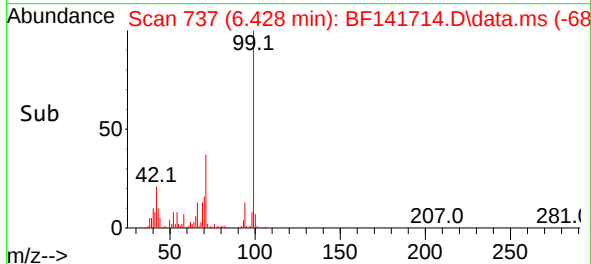
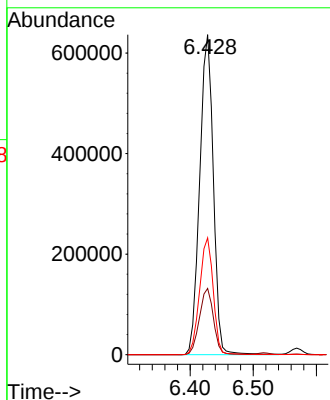
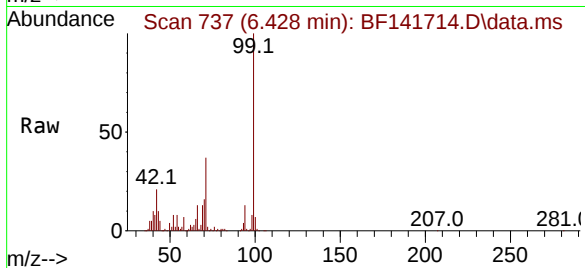




#7
Phenol-d6
Concen: 126.323 ng
RT: 6.428 min Scan# 714
Delta R.T. -0.012 min
Lab File: BF141714.D
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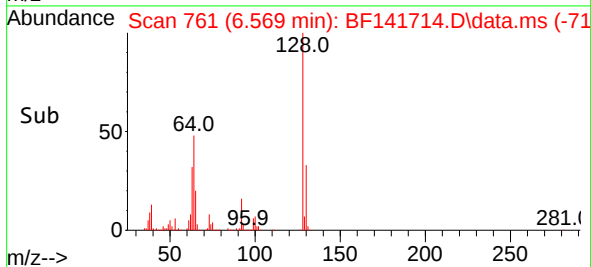
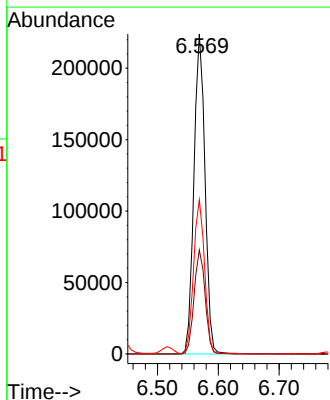
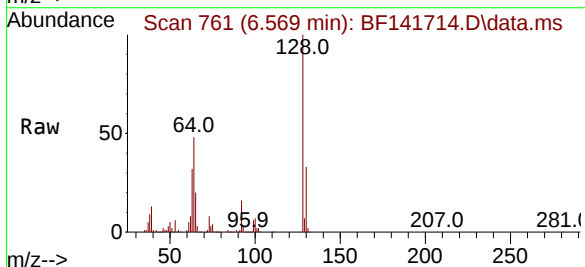
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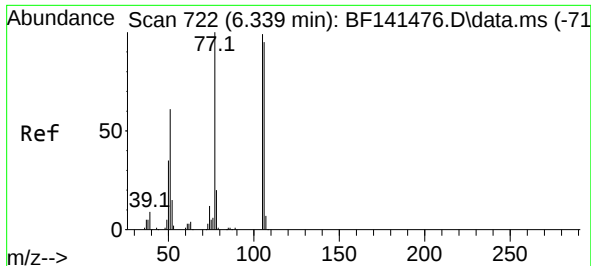
Tgt Ion: 99 Resp: 956210
Ion Ratio Lower Upper
99 100
42 20.7 19.1 28.7
71 36.5 31.1 46.7



#8
2-Chlorophenol
Concen: 43.810 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:128 Resp: 283507
Ion Ratio Lower Upper
128 100
130 32.5 12.7 52.7
64 48.1 28.3 68.3

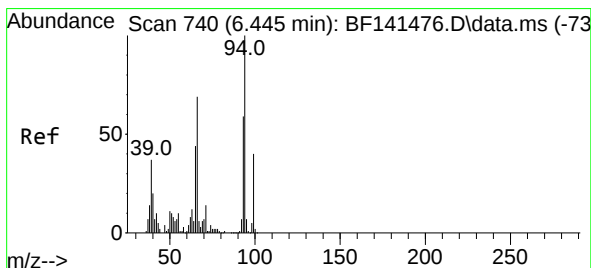
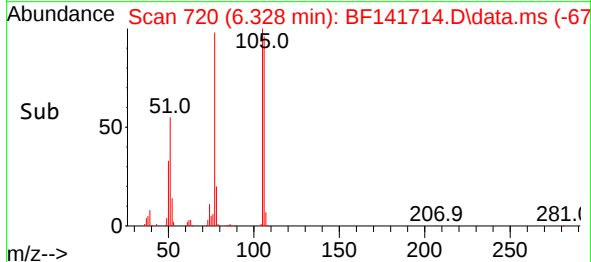
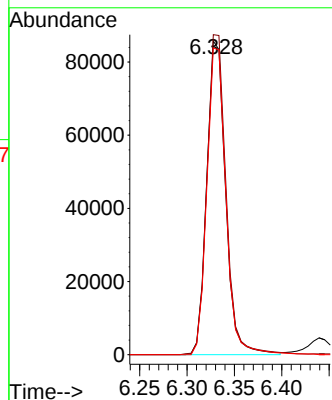
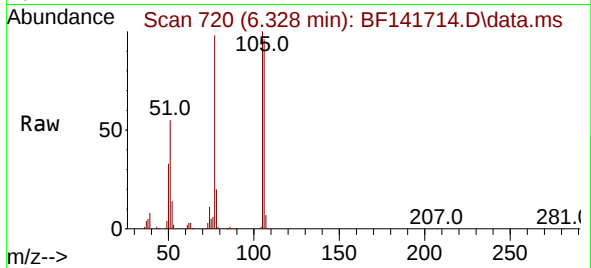




#9
Benzaldehyde
Concen: 29.410 ng
RT: 6.328 min Scan# 719
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

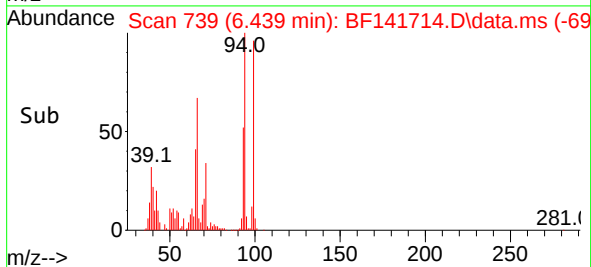
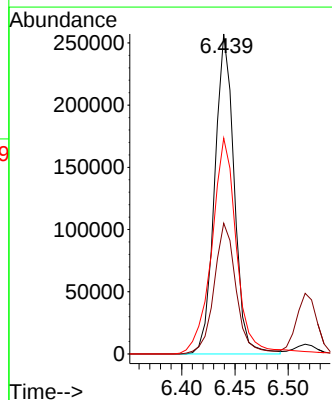
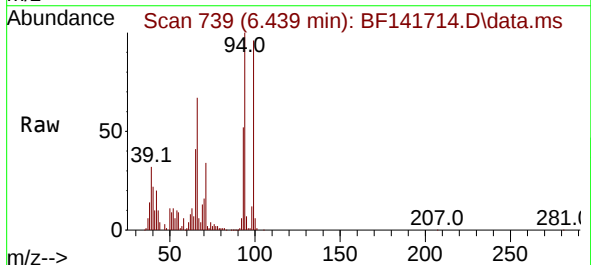
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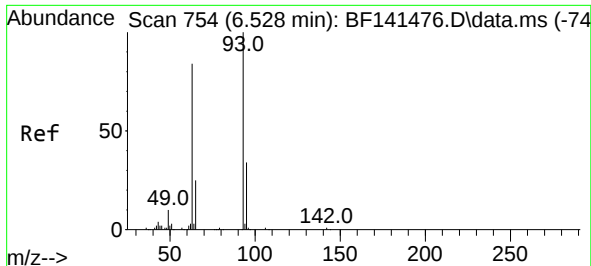
Tgt Ion: 77 Resp: 118303
Ion Ratio Lower Upper
77 100
105 102.1 79.4 119.4
106 97.8 75.1 115.1



#10
Phenol
Concen: 41.580 ng
RT: 6.439 min Scan# 739
Delta R.T. -0.018 min
Lab File: BF141714.D
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Tgt Ion: 94 Resp: 327586
Ion Ratio Lower Upper
94 100
65 40.8 23.7 63.7
66 67.5 49.3 89.3





#11

bis(2-Chloroethyl)ether

Concen: 44.302 ng

RT: 6.516 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141714.D

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PB166806BS

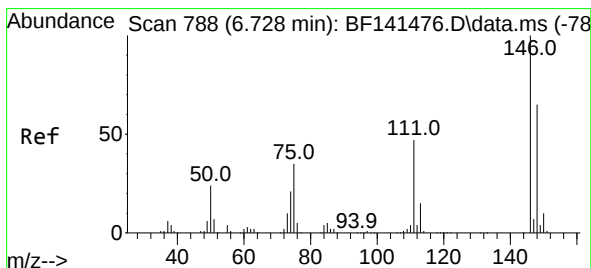
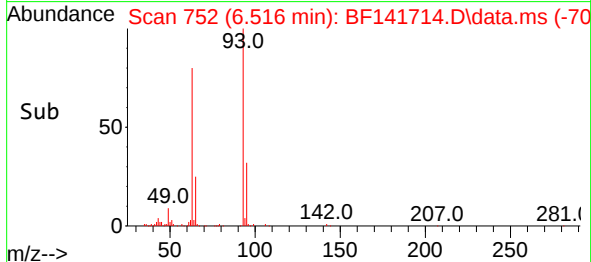
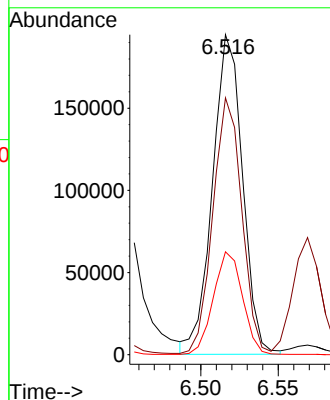
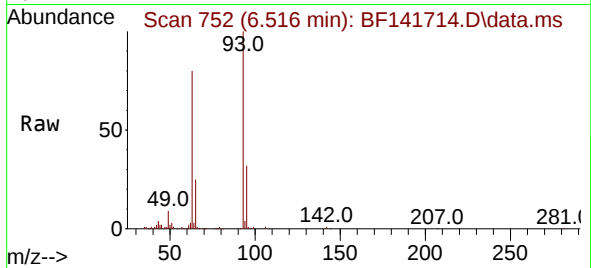
Tgt Ion: 93 Resp: 262160

Ion Ratio Lower Upper

93 100

63 80.2 62.0 102.0

95 32.1 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 42.577 ng

RT: 6.722 min Scan# 787

Delta R.T. -0.012 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

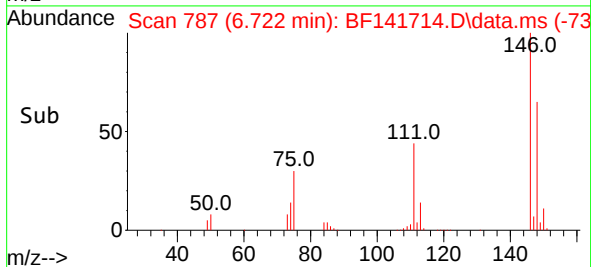
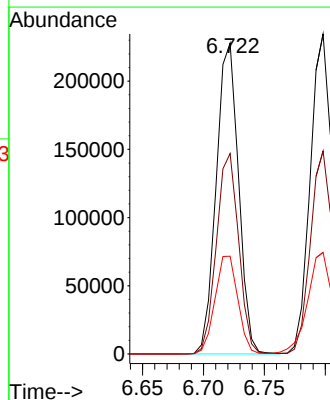
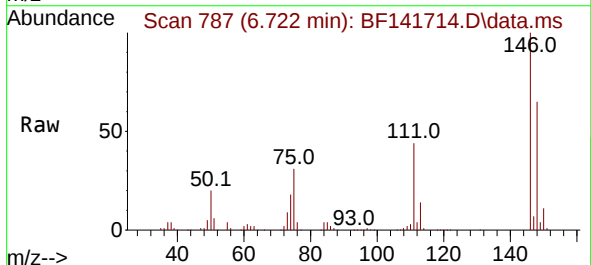
Tgt Ion:146 Resp: 290884

Ion Ratio Lower Upper

146 100

148 64.5 51.9 77.9

75 31.5 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 42.687 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

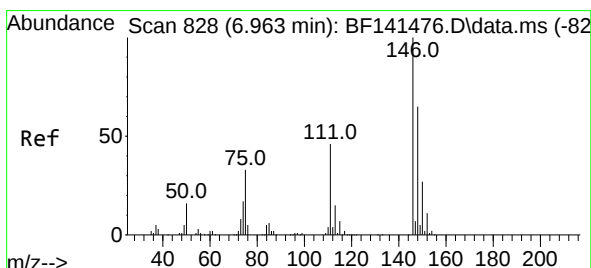
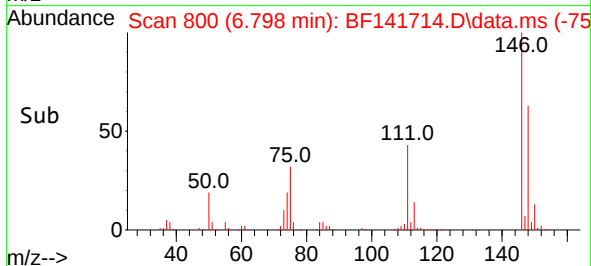
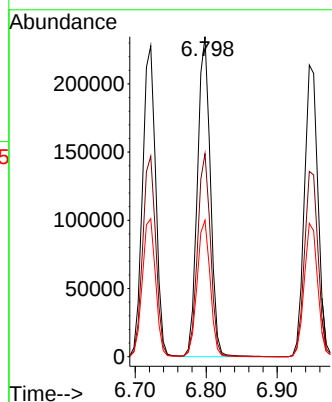
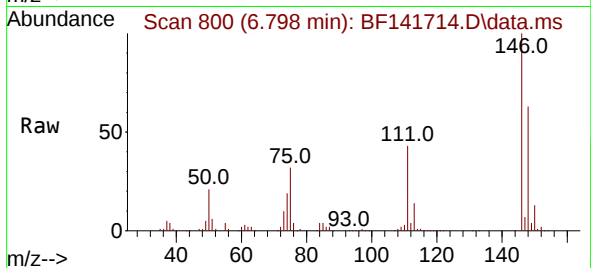
Tgt Ion:146 Resp: 297968

Ion Ratio Lower Upper

146 100

148 63.5 50.9 76.3

111 42.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 43.715 ng

RT: 6.945 min Scan# 825

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

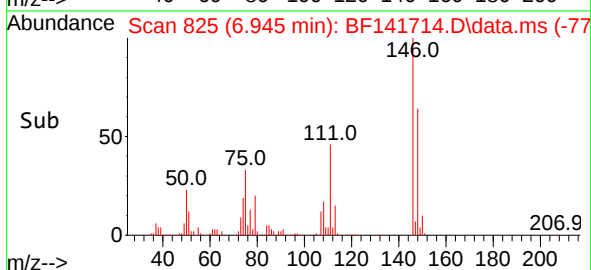
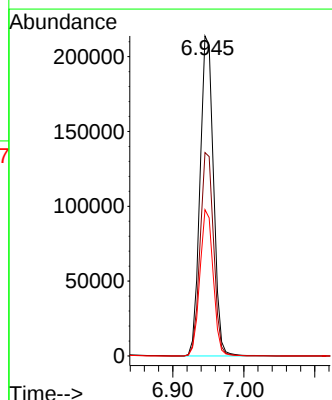
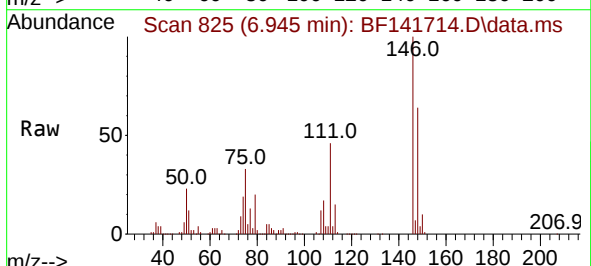
Tgt Ion:146 Resp: 283205

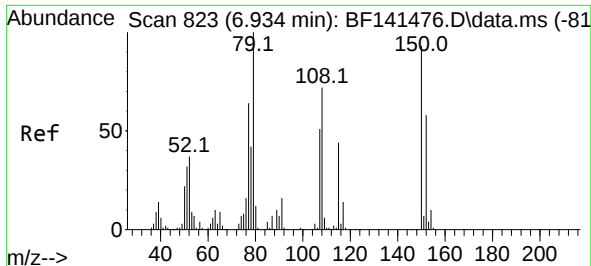
Ion Ratio Lower Upper

146 100

148 63.5 51.8 77.6

111 45.7 37.0 55.4

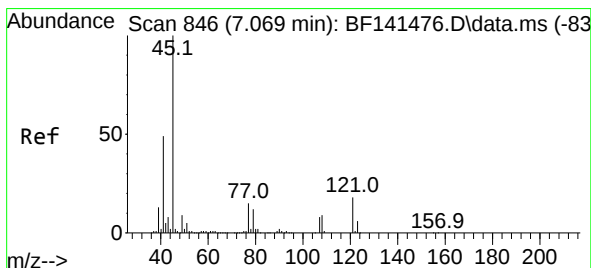
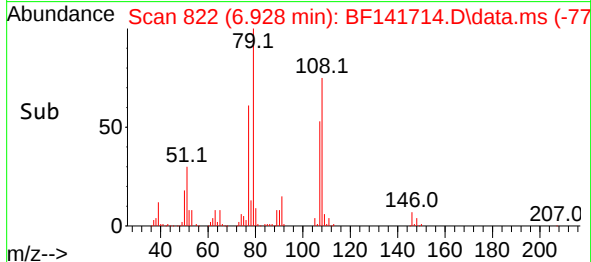
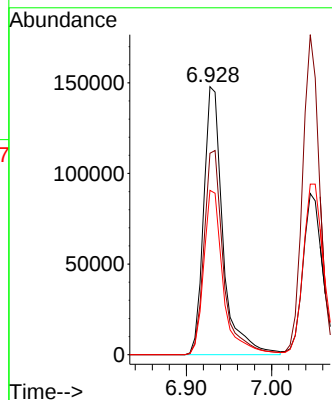
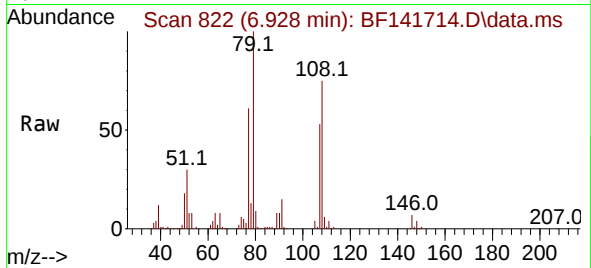




#15
Benzyl Alcohol
Concen: 40.069 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

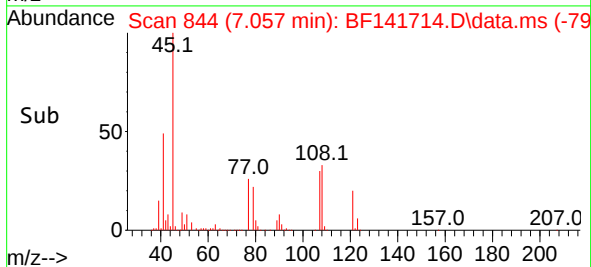
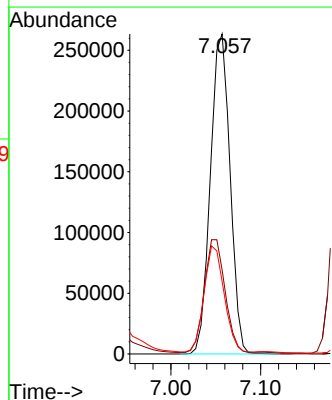
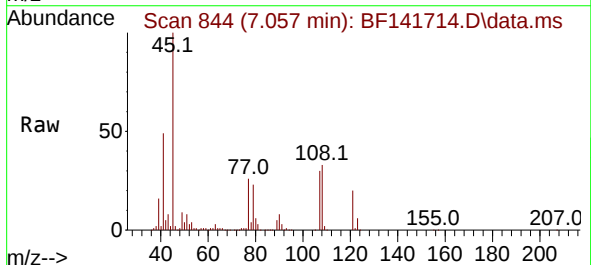
Instrument :
BNA_F
ClientSampleId :
PB166806BS

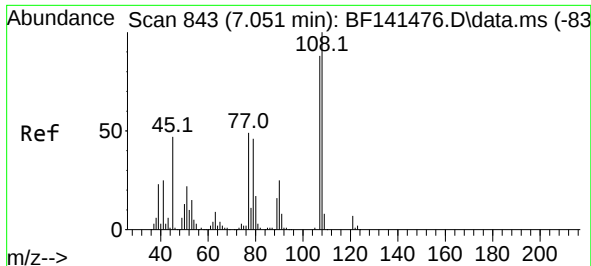
Tgt Ion: 79 Resp: 232590
Ion Ratio Lower Upper
79 100
108 75.1 57.4 86.2
77 61.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.587 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

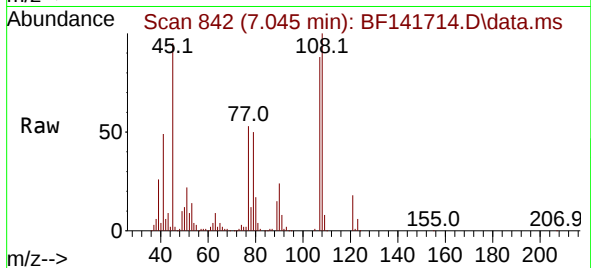
Tgt Ion: 45 Resp: 401010
Ion Ratio Lower Upper
45 100
77 26.2 0.0 35.8
79 22.7 0.0 32.7



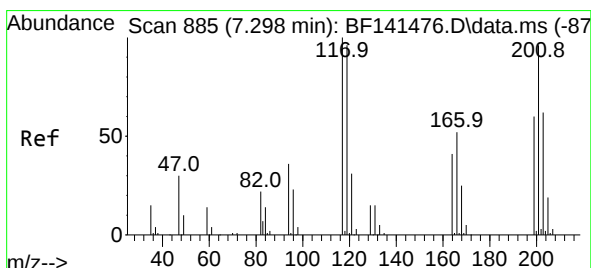
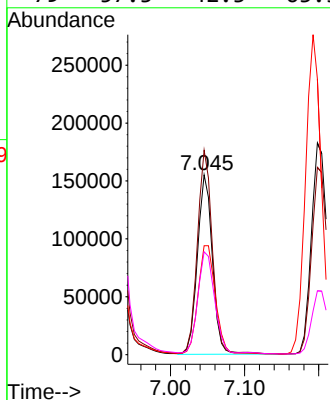
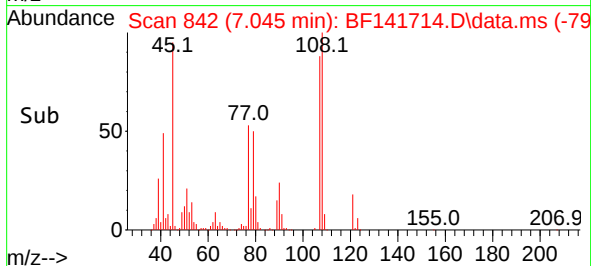


#17
2-Methylphenol
Concen: 43.280 ng
RT: 7.045 min Scan# 843
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Instrument :
BNA_F
ClientSampleId :
PB166806BS

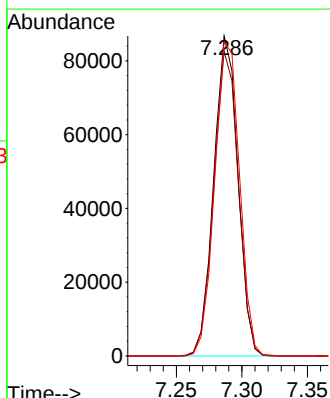
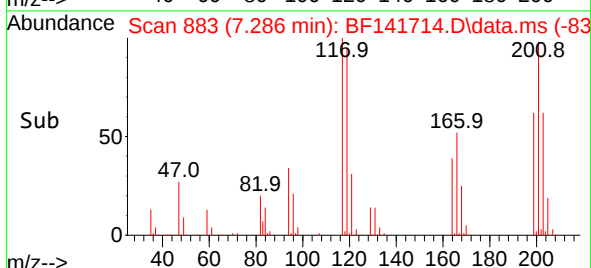
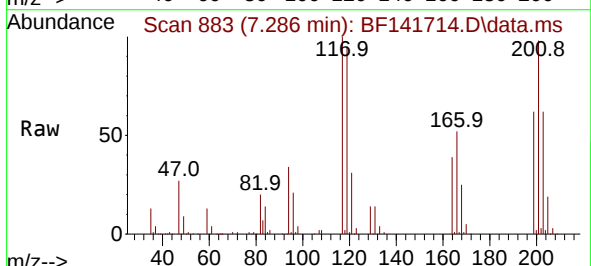


Tgt Ion:	107	Resp:	219179
Ion	Ratio	Lower	Upper
107	100		
108	113.7	90.6	136.0
77	60.6	44.4	66.6
79	57.3	42.3	63.5



#18
Hexachloroethane
Concen: 43.054 ng
RT: 7.286 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:	117	Resp:	111223
Ion	Ratio	Lower	Upper
117	100		
119	95.2	76.5	114.7
201	98.1	76.7	115.1



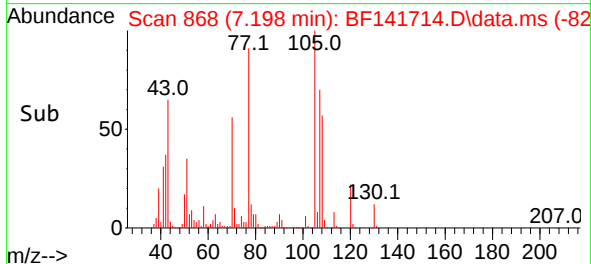
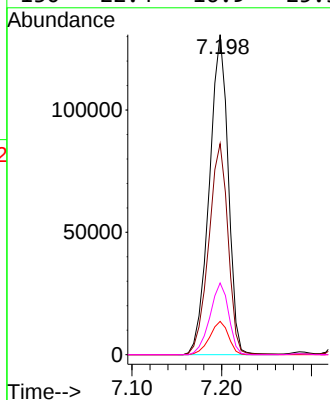
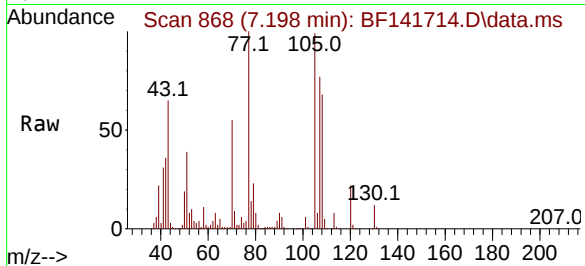


#19
n-Nitroso-di-n-propylamine
Concen: 42.320 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Instrument :
BNA_F
ClientSampleId :
PB166806BS

Tgt Ion: 70 Resp: 191618

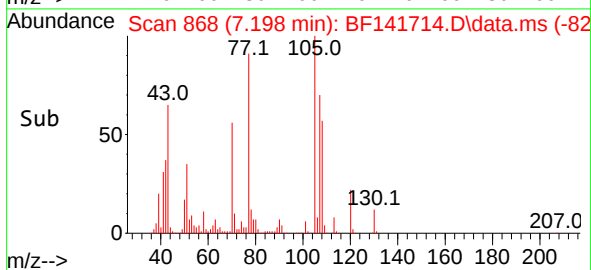
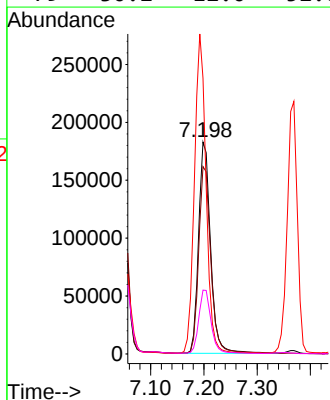
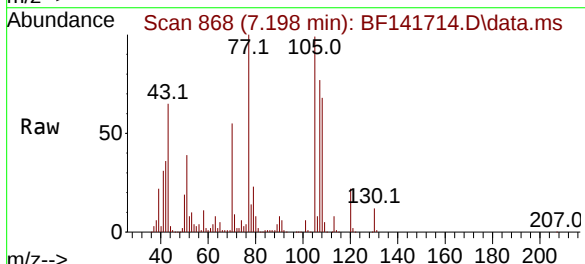
Ion	Ratio	Lower	Upper
70	100		
42	65.9	57.4	86.2
101	10.4	8.0	12.0
130	22.4	16.9	25.3

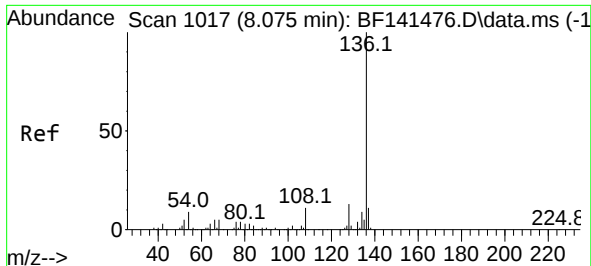


#20
3+4-Methylphenols
Concen: 44.274 ng
RT: 7.198 min Scan# 868
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion: 107 Resp: 284942

Ion	Ratio	Lower	Upper
107	100		
108	88.5	68.5	108.5
77	130.1	116.5	156.5
79	30.2	12.0	52.0

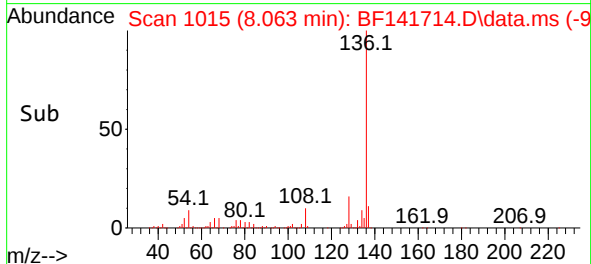
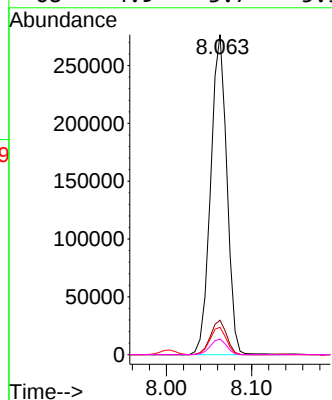
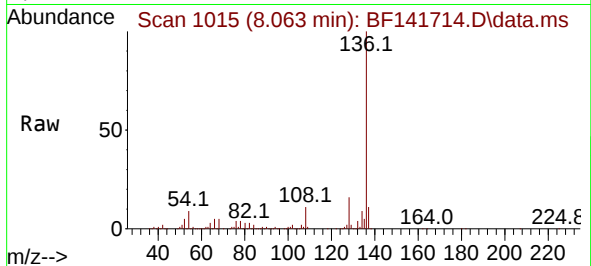




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

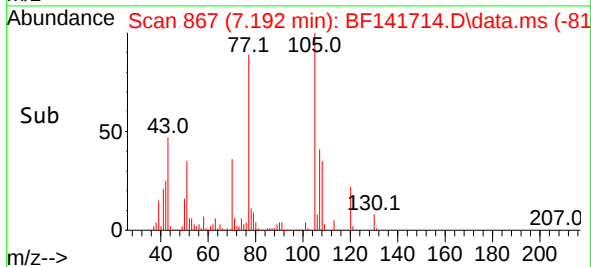
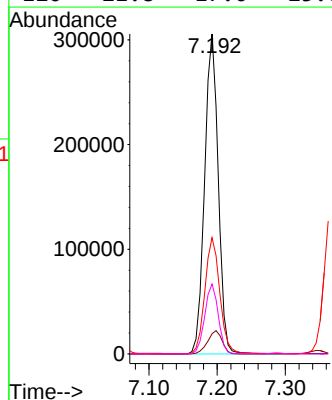
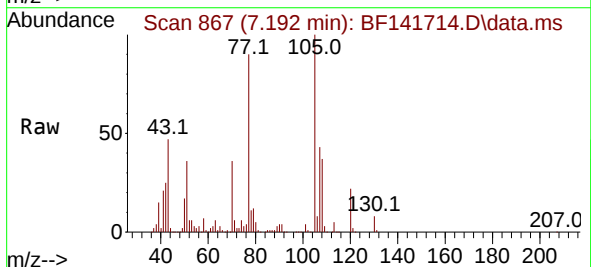
Instrument :
BNA_F
ClientSampleId :
PB166806BS

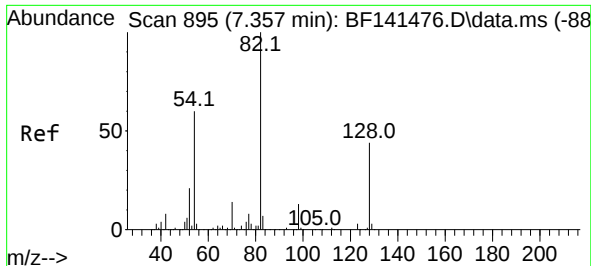
Tgt Ion:136 Resp: 364534
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 8.6 7.2 10.8
68 4.9 3.7 5.5



#22
Acetophenone
Concen: 46.820 ng
RT: 7.192 min Scan# 867
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:105 Resp: 424561
Ion Ratio Lower Upper
105 100
71 6.3 5.7 8.5
51 36.4 33.7 50.5
120 21.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 89.903 ng

RT: 7.345 min Scan# 895

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

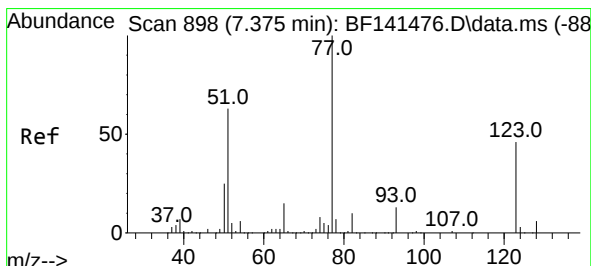
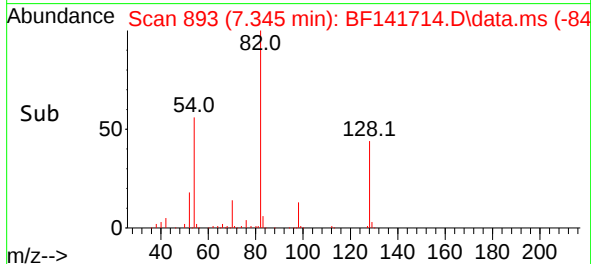
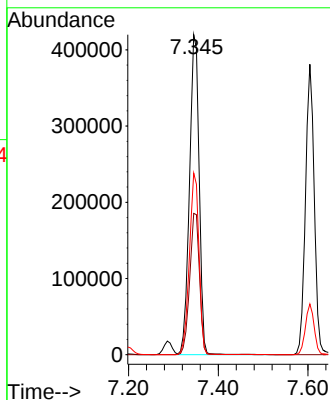
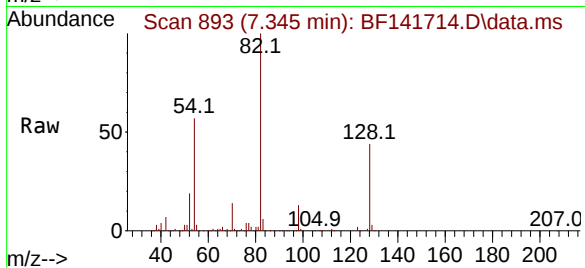
Tgt Ion: 82 Resp: 628335

Ion Ratio Lower Upper

82 100

128 44.1 34.8 52.2

54 56.8 48.2 72.4



#24

Nitrobenzene

Concen: 42.108 ng

RT: 7.369 min Scan# 897

Delta R.T. -0.012 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

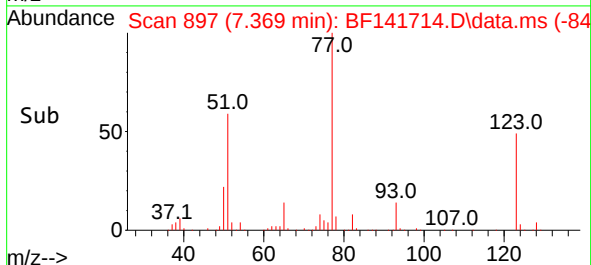
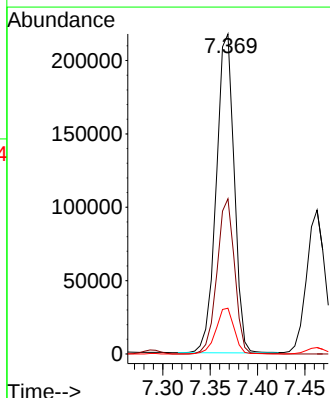
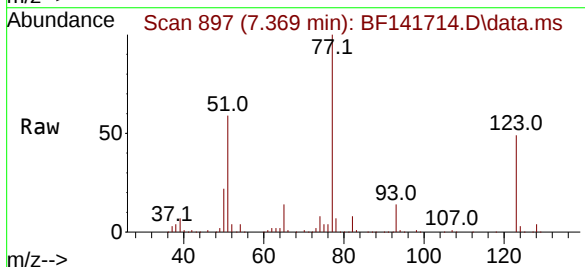
Tgt Ion: 77 Resp: 286972

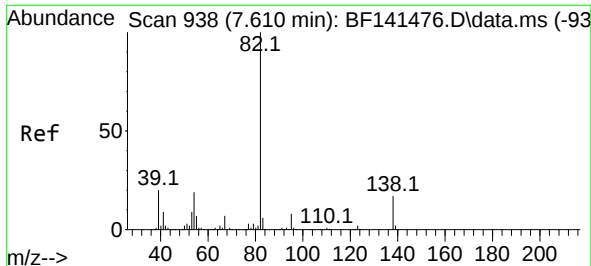
Ion Ratio Lower Upper

77 100

123 48.5 36.9 55.3

65 14.3 11.9 17.9

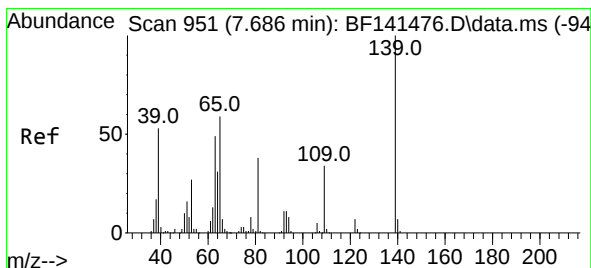
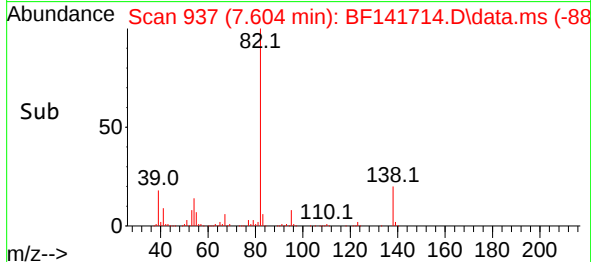
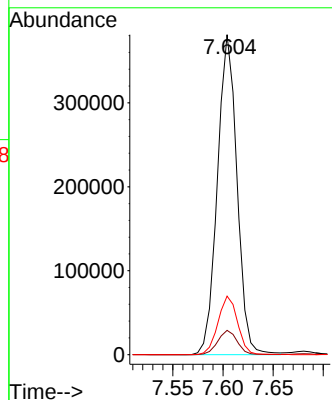
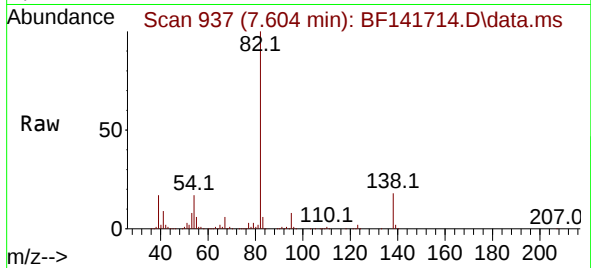




#25
Isophorone
Concen: 46.512 ng
RT: 7.604 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

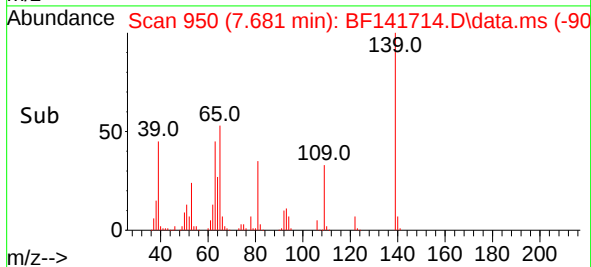
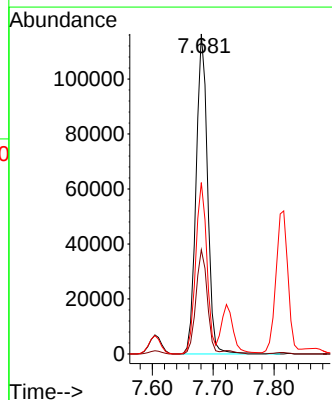
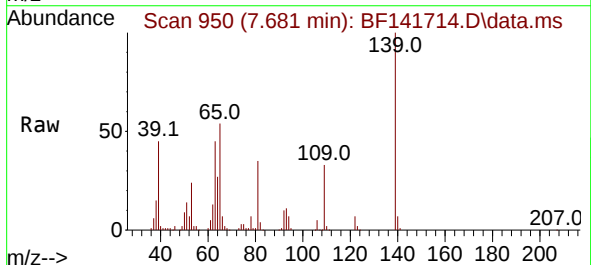
Instrument :
BNA_F
ClientSampleId :
PB166806BS

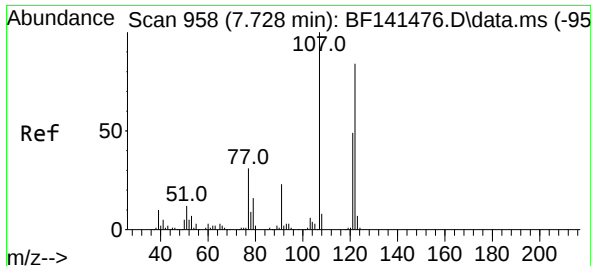
Tgt Ion: 82 Resp: 518323
Ion Ratio Lower Upper
82 100
95 7.6 6.4 9.6
138 18.3 13.9 20.9



#26
2-Nitrophenol
Concen: 44.852 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:139 Resp: 152077
Ion Ratio Lower Upper
139 100
109 32.5 27.0 40.6
65 53.6 47.1 70.7

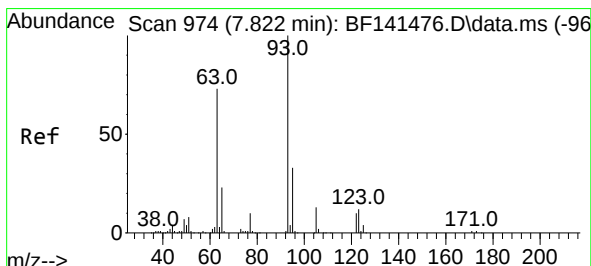
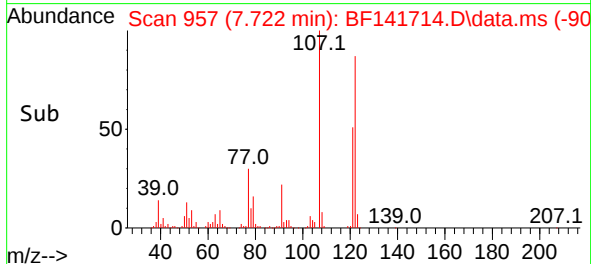
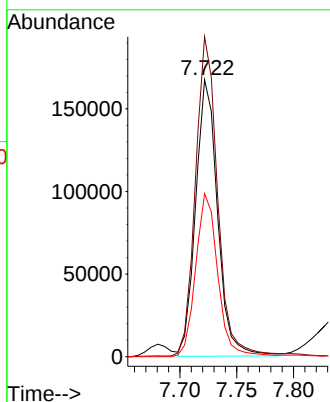
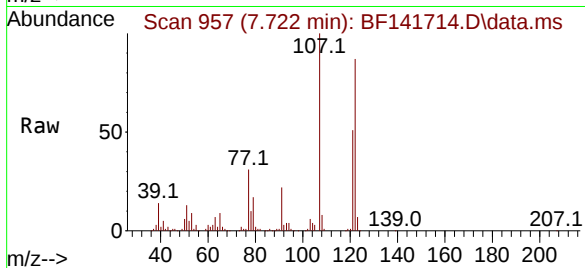




#27
2,4-Dimethylphenol
Concen: 56.921 ng
RT: 7.722 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

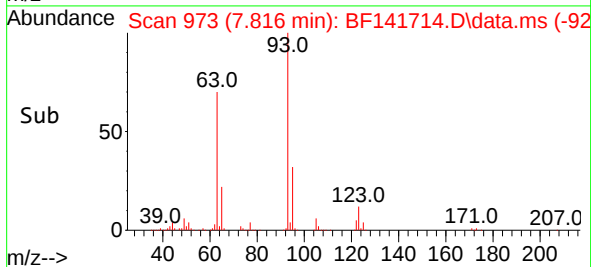
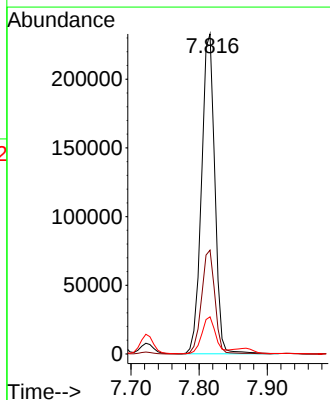
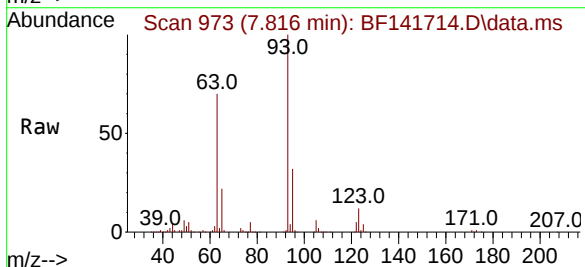
Instrument :
BNA_F
ClientSampleId :
PB166806BS

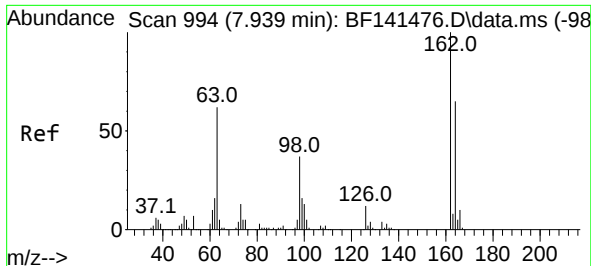
Tgt Ion:122 Resp: 225466
Ion Ratio Lower Upper
122 100
107 115.5 94.3 141.5
121 58.9 46.0 69.0



#28
bis(2-Chloroethoxy)methane
Concen: 44.194 ng
RT: 7.816 min Scan# 973
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion: 93 Resp: 315575
Ion Ratio Lower Upper
93 100
95 32.5 26.1 39.1
123 11.6 9.5 14.3

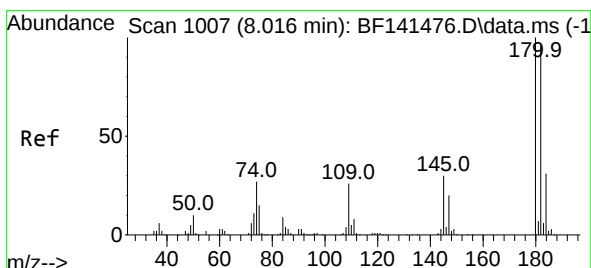
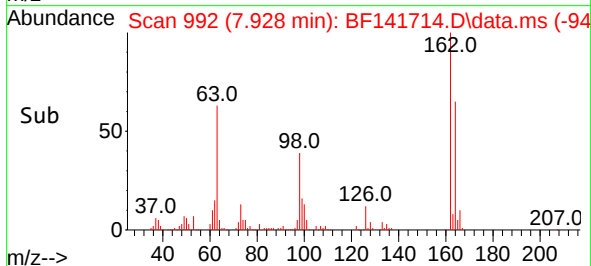
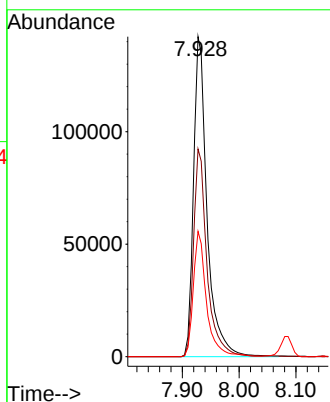
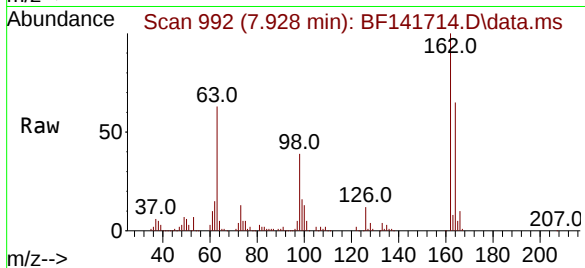




#29
2,4-Dichlorophenol
Concen: 44.185 ng
RT: 7.928 min Scan# 994
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

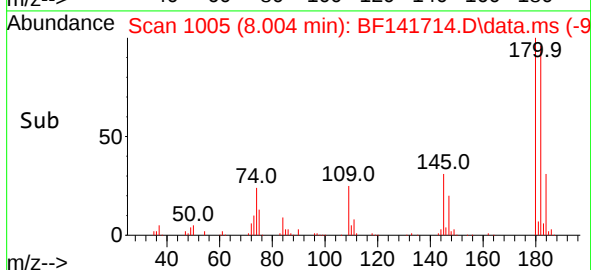
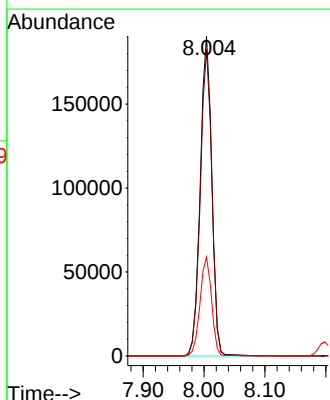
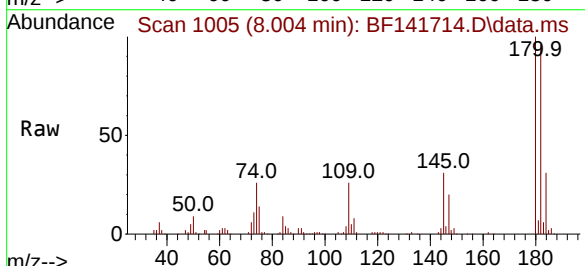
Instrument :
BNA_F
ClientSampleId :
PB166806BS

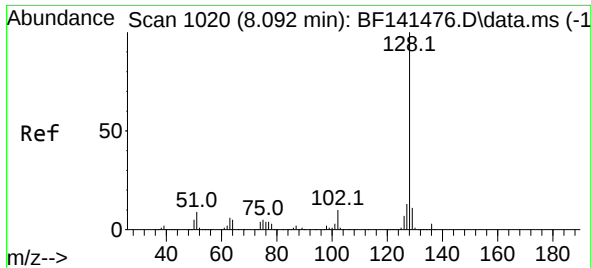
Tgt Ion:162 Resp: 236471
Ion Ratio Lower Upper
162 100
164 64.9 44.6 84.6
98 39.1 17.2 57.2



#30
1,2,4-Trichlorobenzene
Concen: 43.252 ng
RT: 8.004 min Scan# 1005
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:180 Resp: 252073
Ion Ratio Lower Upper
180 100
182 95.8 76.8 115.2
145 30.9 24.2 36.4

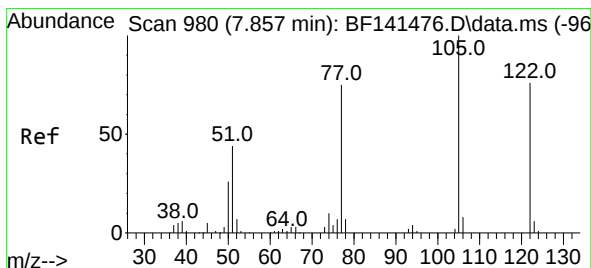
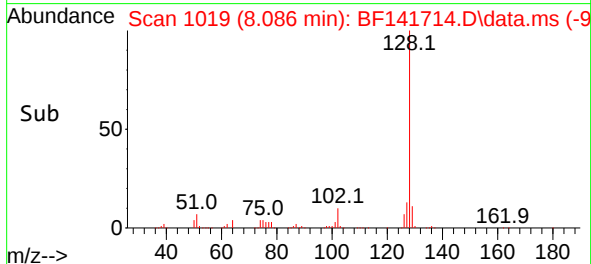
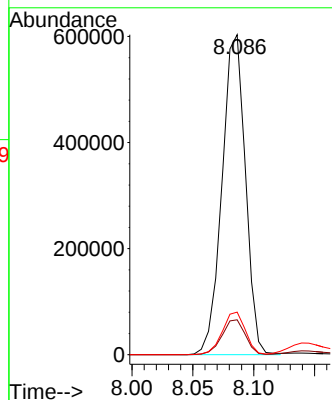
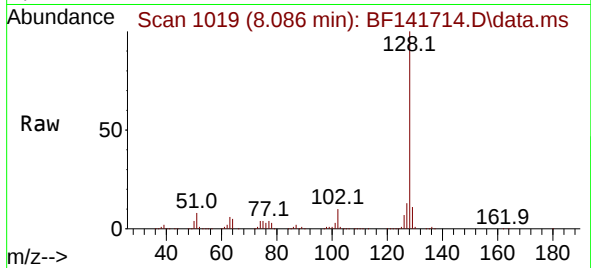




#31
Naphthalene
Concen: 42.545 ng
RT: 8.086 min Scan# 1019
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

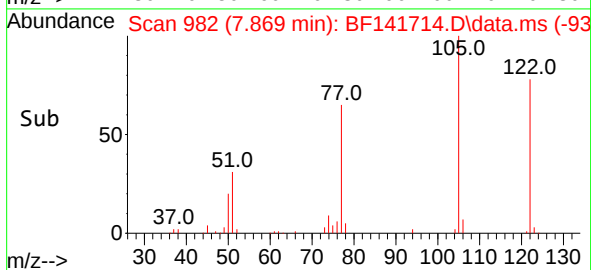
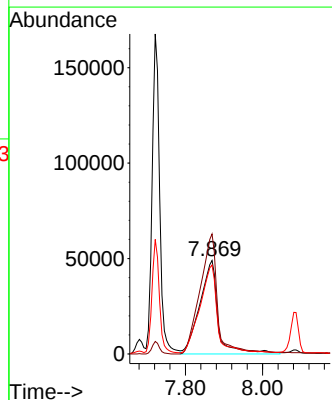
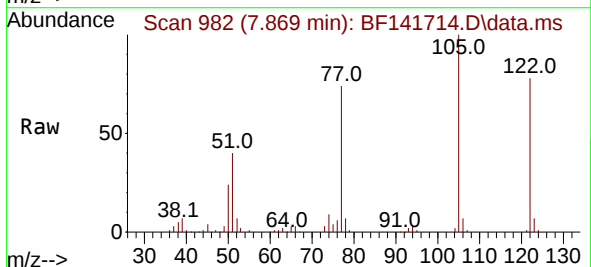
Instrument :
BNA_F
ClientSampleId :
PB166806BS

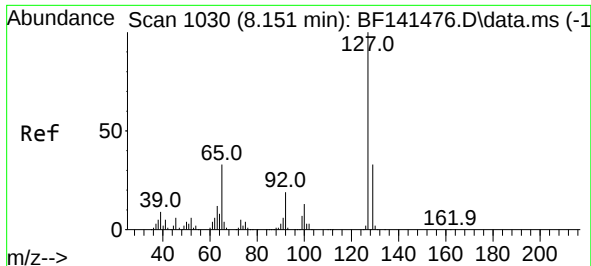
Tgt Ion:128 Resp: 807300
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 13.3 10.7 16.1



#32
Benzoic acid
Concen: 39.448 ng m
RT: 7.869 min Scan# 982
Delta R.T. -0.024 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:122 Resp: 162305
Ion Ratio Lower Upper
122 100
105 128.4 106.5 146.5
77 95.2 76.3 116.3

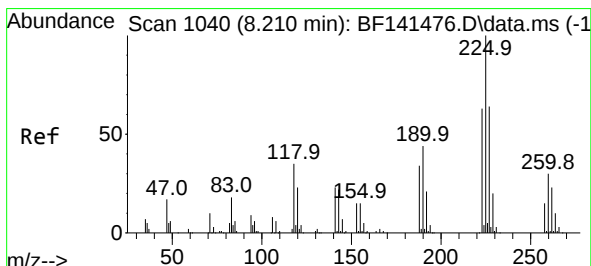
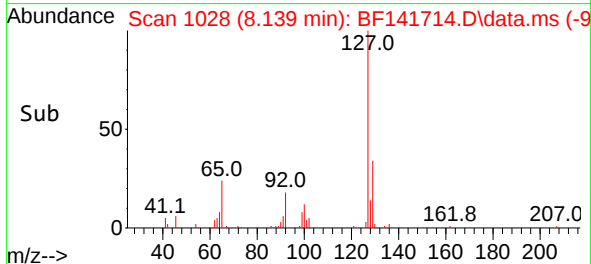
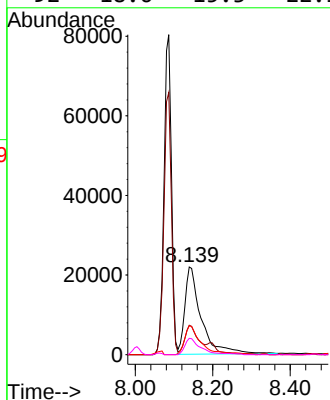
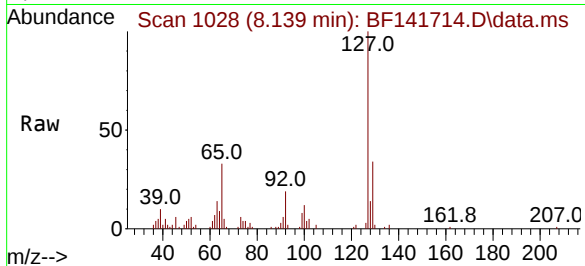




#33
4-Chloroaniline
Concen: 9.669 ng
RT: 8.139 min Scan# 1030
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

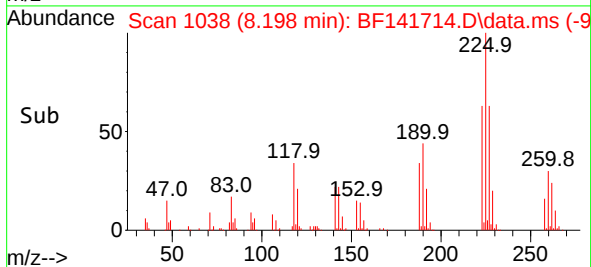
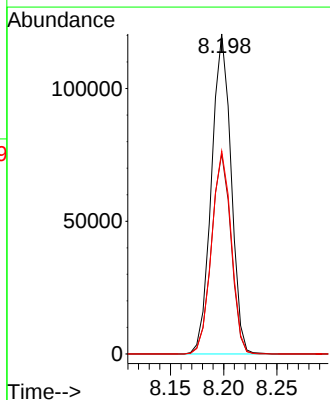
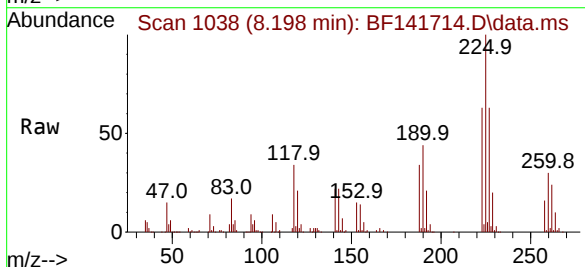
Instrument :
BNA_F
ClientSampleId :
PB166806BS

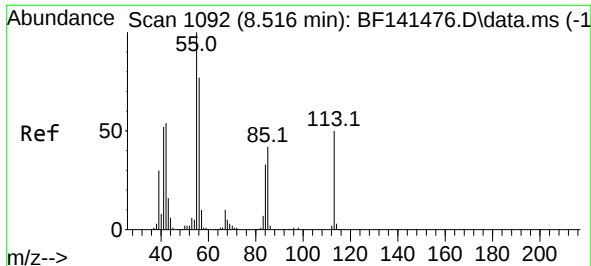
Tgt Ion:	127	Resp:	64059
Ion	Ratio	Lower	Upper
127	100		
129	33.6	26.5	39.7
65	33.1	26.4	39.6
92	18.6	15.3	22.9



#34
Hexachlorobutadiene
Concen: 43.950 ng
RT: 8.198 min Scan# 1038
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:	225	Resp:	153773
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.1	75.1
227	63.4	51.0	76.6

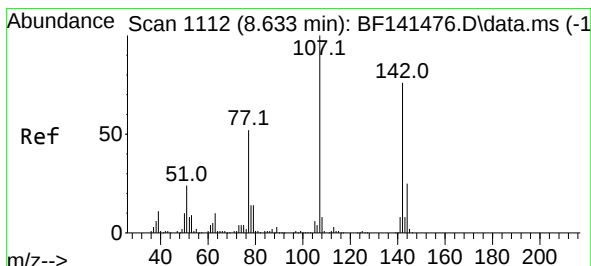
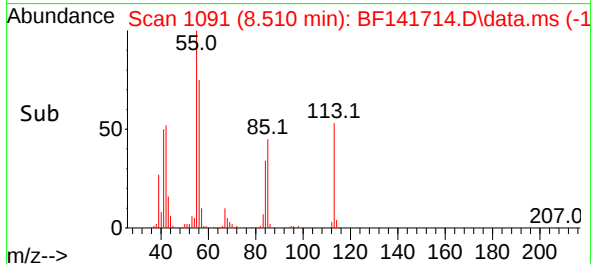
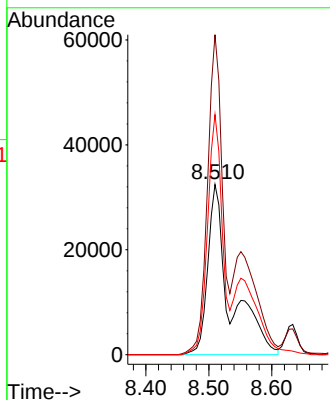
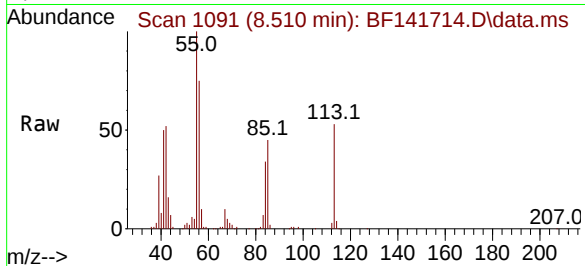




#35
 Caprolactam
 Concen: 49.162 ng m
 RT: 8.510 min Scan# 1092
 Delta R.T. -0.035 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

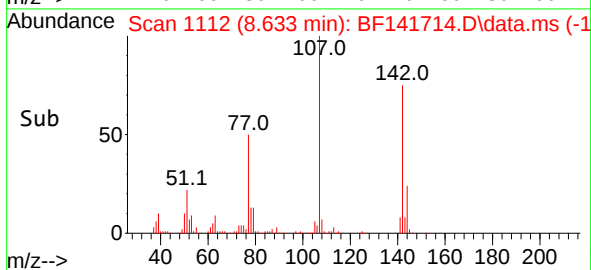
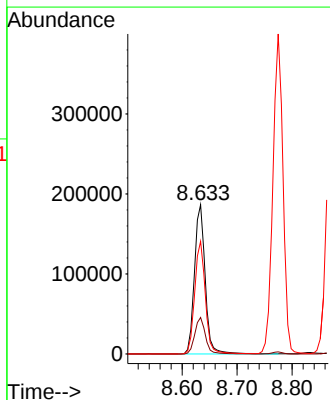
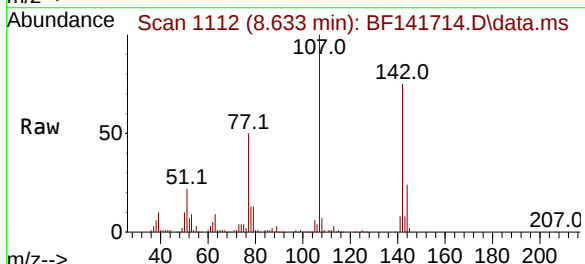
Instrument :
 BNA_F
 ClientSampleId :
 PB166806BS

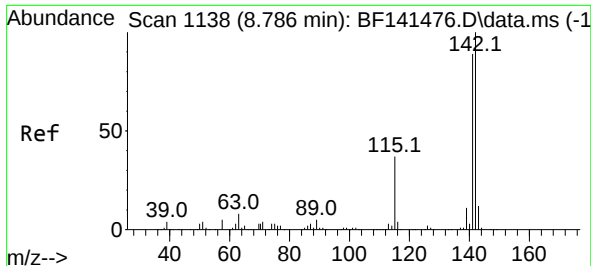
Tgt Ion:113 Resp: 80110
 Ion Ratio Lower Upper
 113 100
 55 187.9 180.8 220.8
 56 141.1 133.6 173.6



#36
 4-Chloro-3-methylphenol
 Concen: 42.692 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

Tgt Ion:107 Resp: 253094
 Ion Ratio Lower Upper
 107 100
 144 24.4 19.7 29.5
 142 75.5 60.8 91.2





#37

2-Methylnaphthalene

Concen: 41.318 ng

RT: 8.775 min Scan# 1136

Delta R.T. -0.012 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

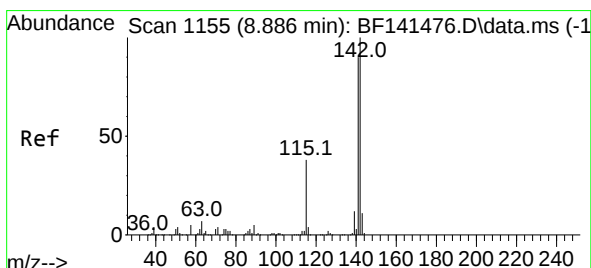
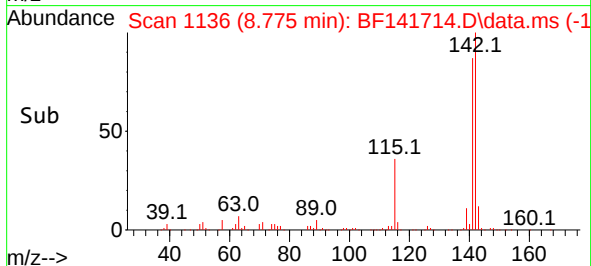
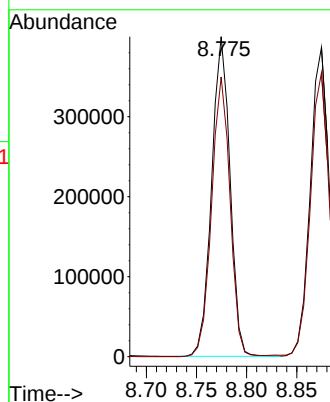
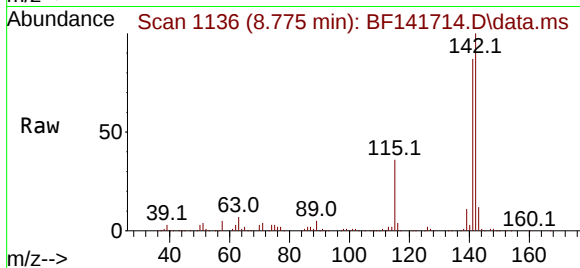
PB166806BS

Tgt Ion:142 Resp: 510185

Ion Ratio Lower Upper

142 100

141 87.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 41.692 ng

RT: 8.875 min Scan# 1153

Delta R.T. -0.012 min

Lab File: BF141714.D

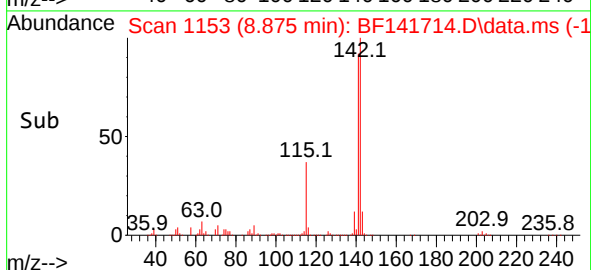
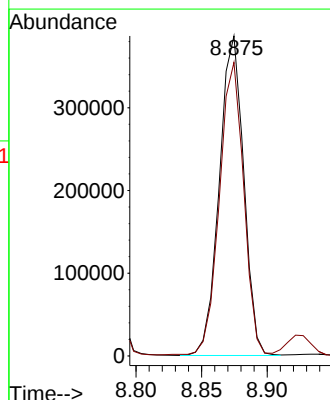
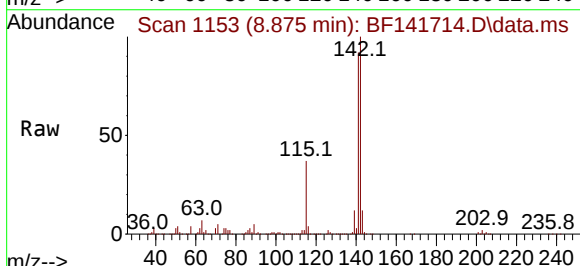
Acq: 21 Feb 2025 12:14

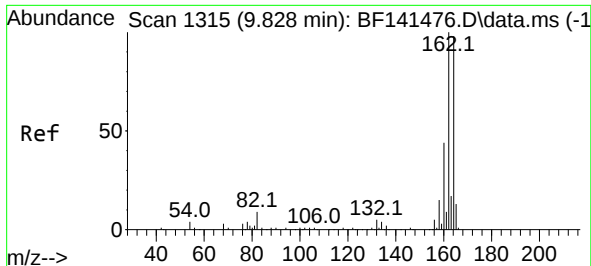
Tgt Ion:142 Resp: 498613

Ion Ratio Lower Upper

142 100

141 91.8 72.1 108.1

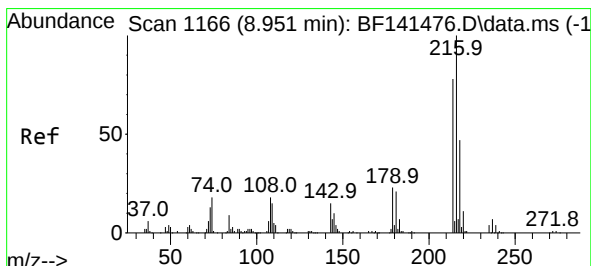
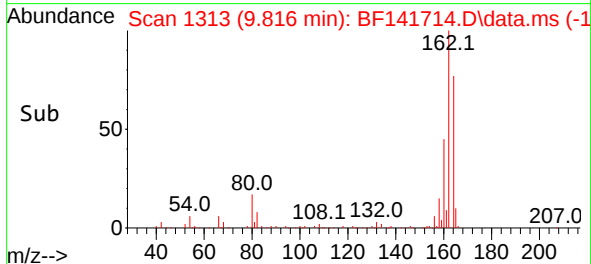
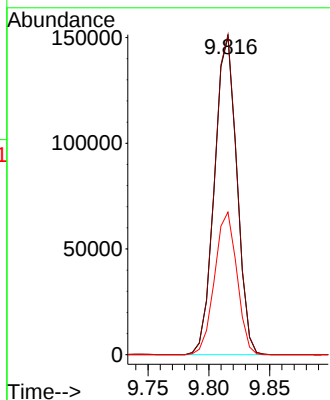
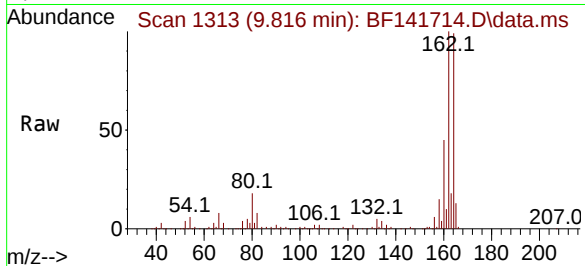




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.816 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

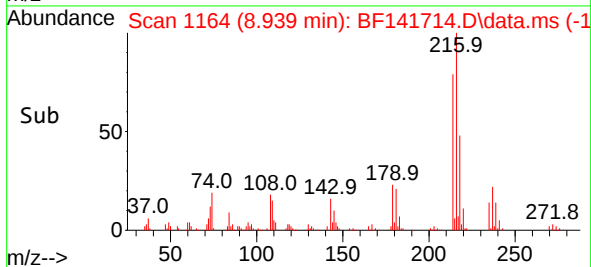
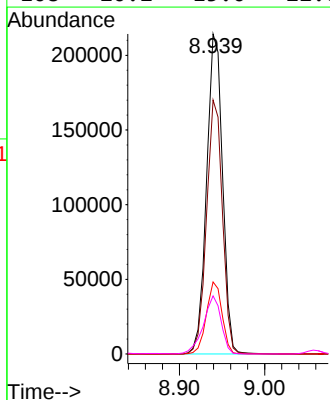
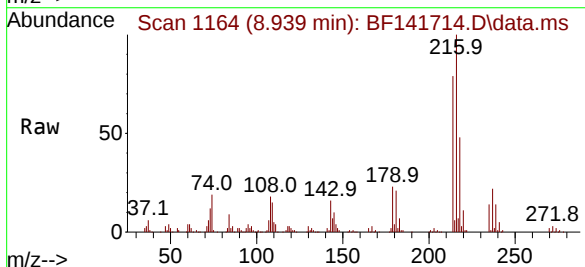
Instrument :
BNA_F
ClientSampleId :
PB166806BS

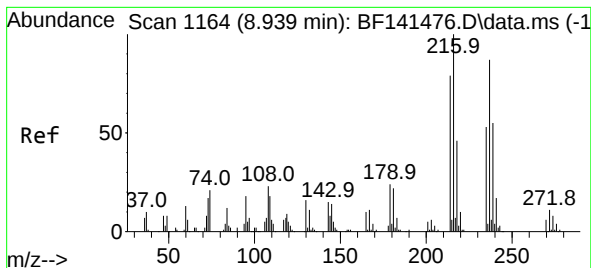
Tgt Ion:164 Resp: 191905
Ion Ratio Lower Upper
164 100
162 100.6 81.3 121.9
160 44.9 35.9 53.9



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.165 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:216 Resp: 278516
Ion Ratio Lower Upper
216 100
214 79.1 62.3 93.5
179 22.1 18.0 27.0
108 20.2 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 142.913 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

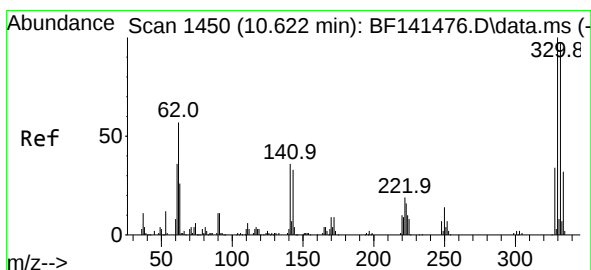
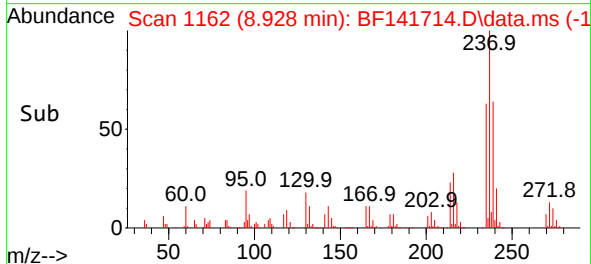
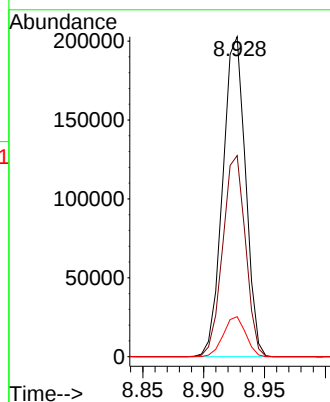
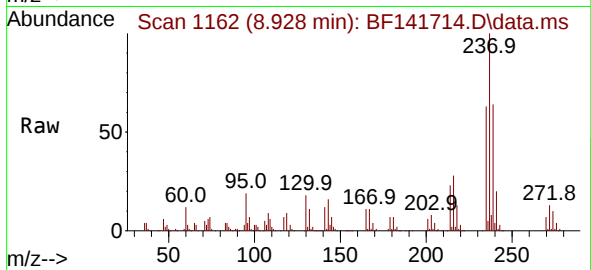
Tgt Ion:237 Resp: 263912

Ion Ratio Lower Upper

237 100

235 62.8 41.4 81.4

272 12.5 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 132.141 ng

RT: 10.610 min Scan# 1448

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

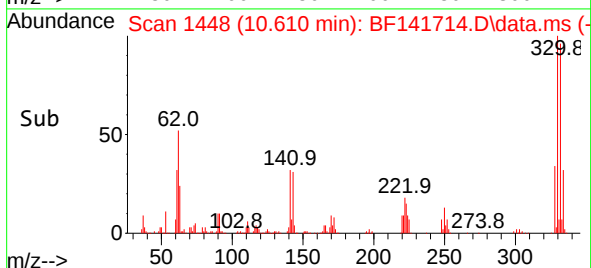
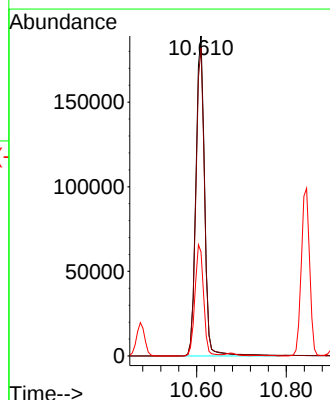
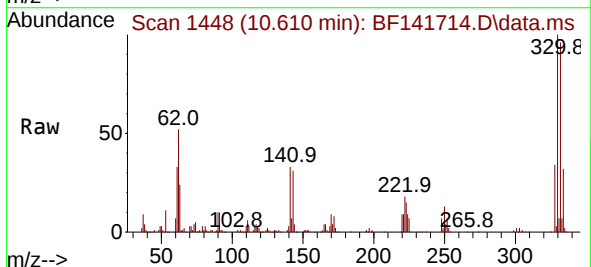
Tgt Ion:330 Resp: 254738

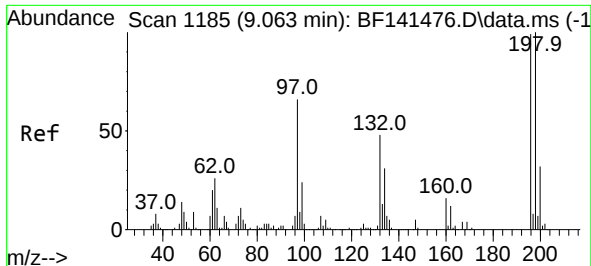
Ion Ratio Lower Upper

330 100

332 96.3 78.5 117.7

141 34.7 31.0 46.4

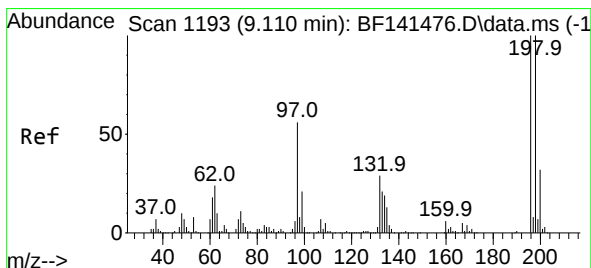
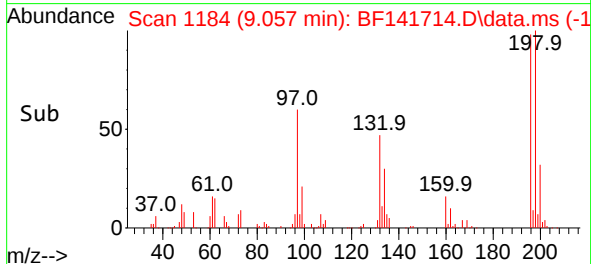
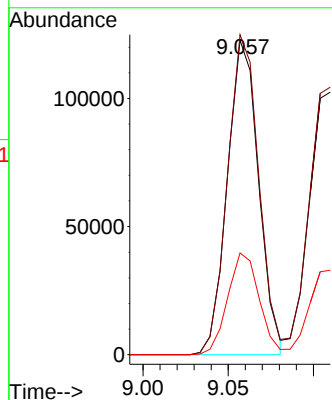
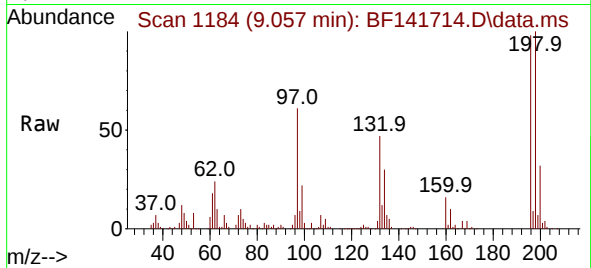




#43
2,4,6-Trichlorophenol
Concen: 43.652 ng
RT: 9.057 min Scan# 1184
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

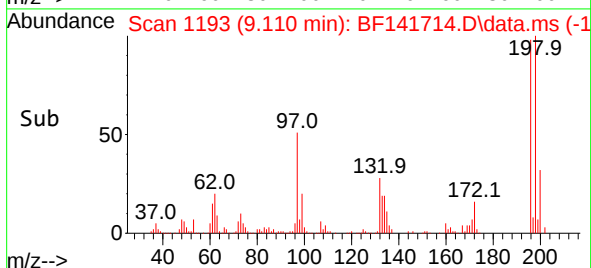
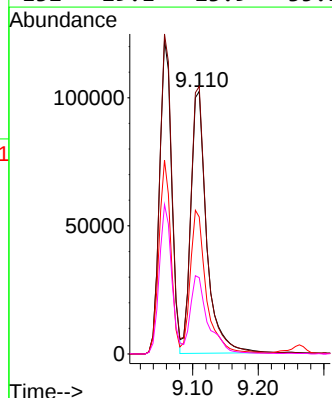
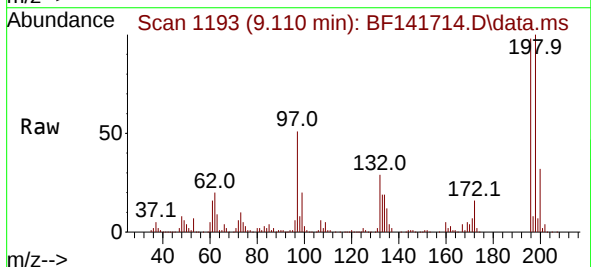
Instrument :
BNA_F
ClientSampleId :
PB166806BS

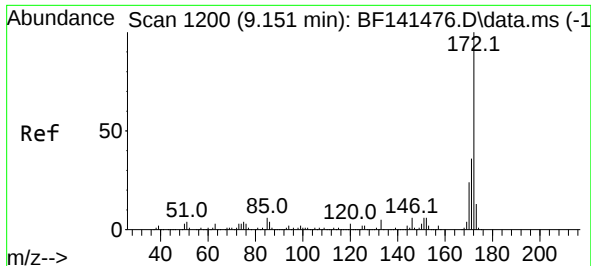
Tgt Ion:196 Resp: 156640
Ion Ratio Lower Upper
196 100
198 101.8 80.6 121.0
200 32.4 25.5 38.3



#44
2,4,5-Trichlorophenol
Concen: 44.041 ng
RT: 9.110 min Scan# 1193
Delta R.T. -0.006 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:196 Resp: 171275
Ion Ratio Lower Upper
196 100
198 101.9 79.8 119.8
97 52.2 44.8 67.2
132 29.1 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 94.694 ng

RT: 9.139 min Scan# 1119

Delta R.T. -0.012 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

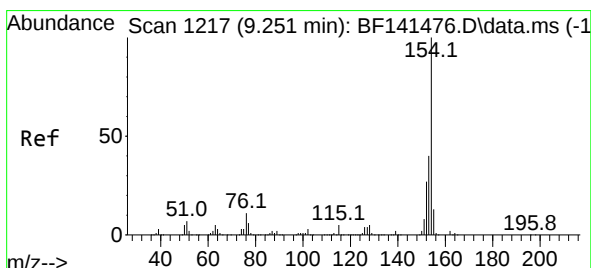
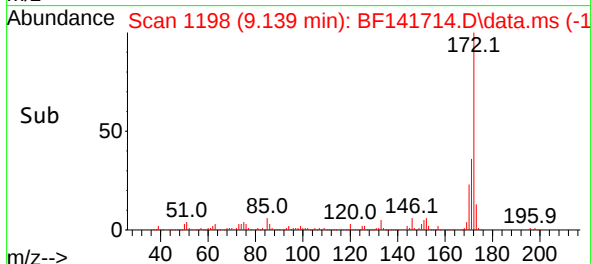
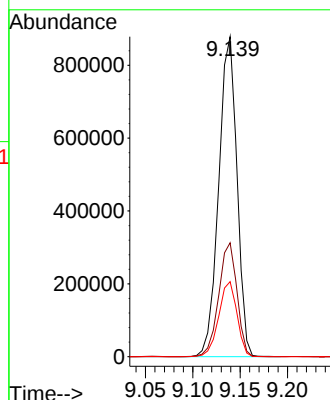
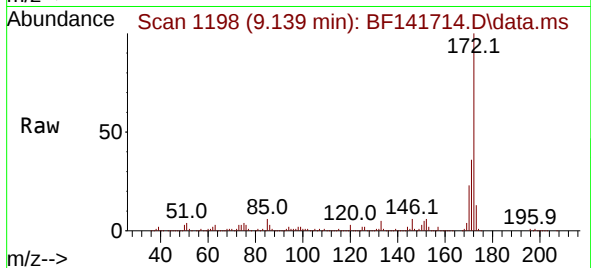
Tgt Ion:172 Resp: 1179523

Ion Ratio Lower Upper

172 100

171 35.6 28.7 43.1

170 23.5 18.9 28.3



#46

1,1'-Biphenyl

Concen: 49.199 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

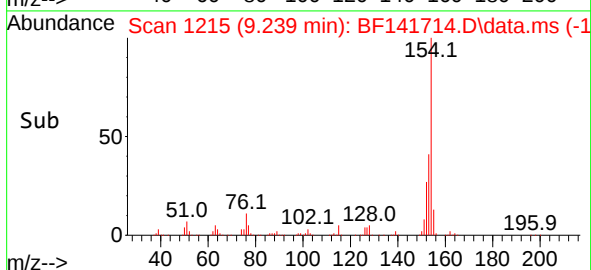
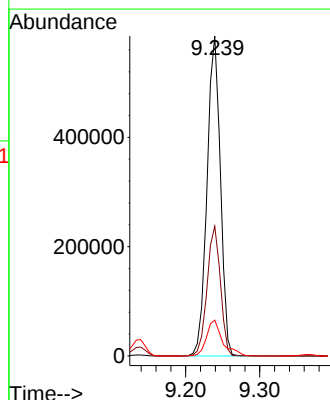
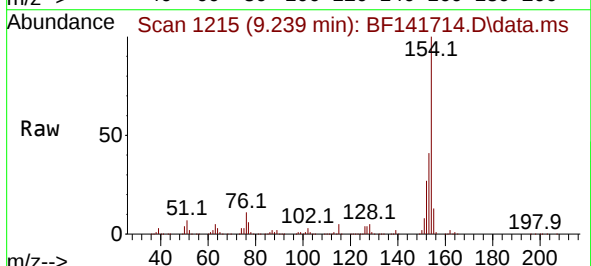
Tgt Ion:154 Resp: 731985

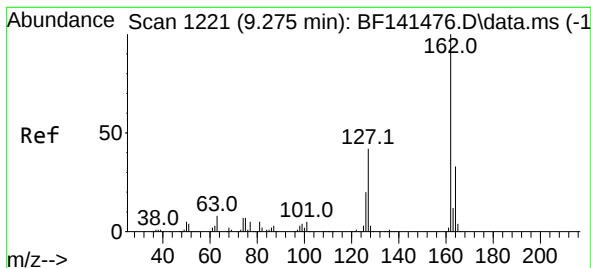
Ion Ratio Lower Upper

154 100

153 40.6 20.4 60.4

76 11.2 0.0 30.8





#47

2-Chloronaphthalene

Concen: 45.392 ng

RT: 9.263 min Scan# 1219

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

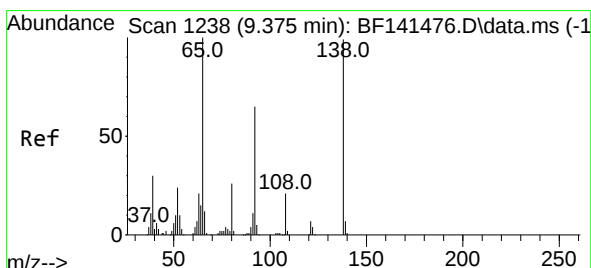
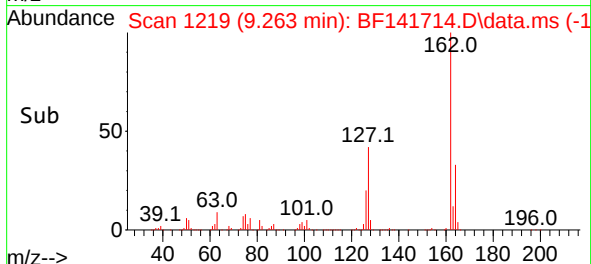
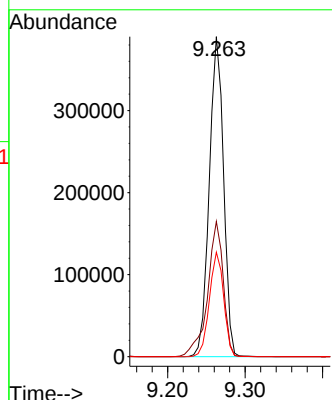
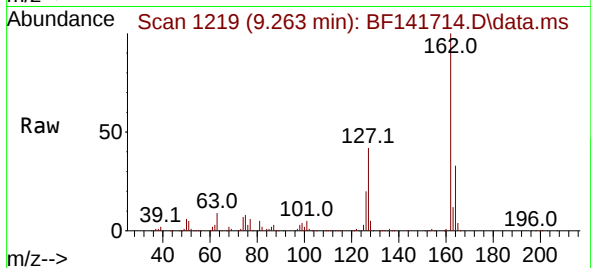
Tgt Ion:162 Resp: 499394

Ion Ratio Lower Upper

162 100

127 42.2 34.1 51.1

164 32.7 26.3 39.5



#48

2-Nitroaniline

Concen: 42.819 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

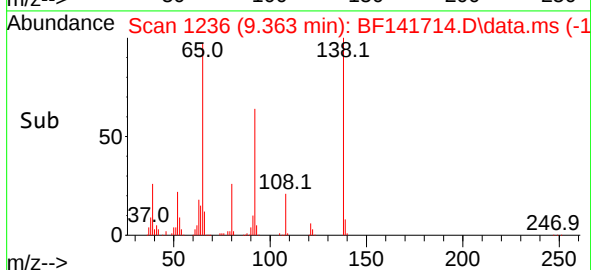
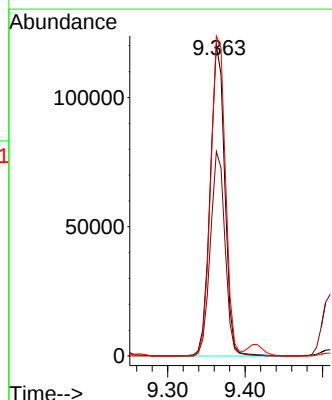
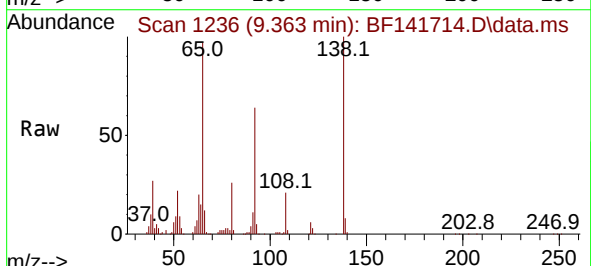
Tgt Ion: 65 Resp: 158099

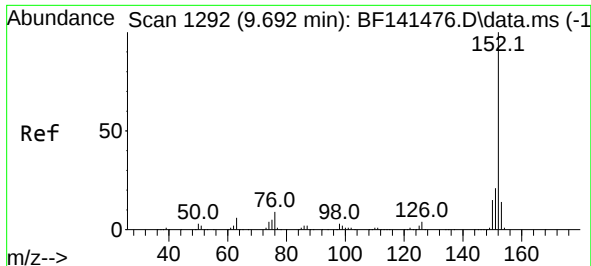
Ion Ratio Lower Upper

65 100

92 65.7 52.2 78.2

138 102.9 79.5 119.3





#49

Acenaphthylene

Concen: 46.636 ng

RT: 9.675 min Scan# 1289

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

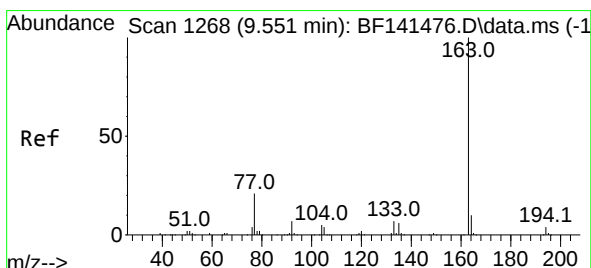
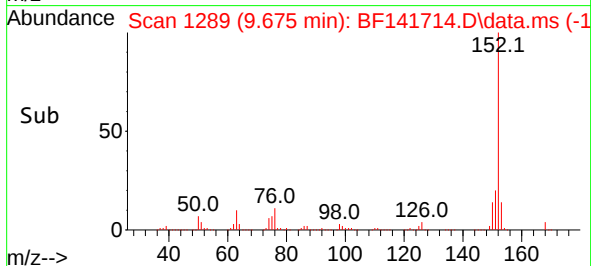
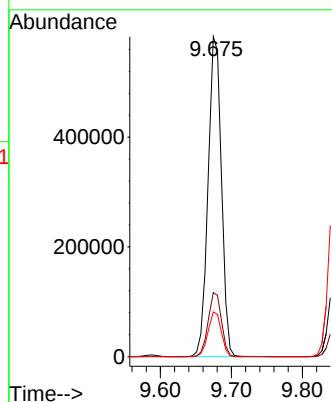
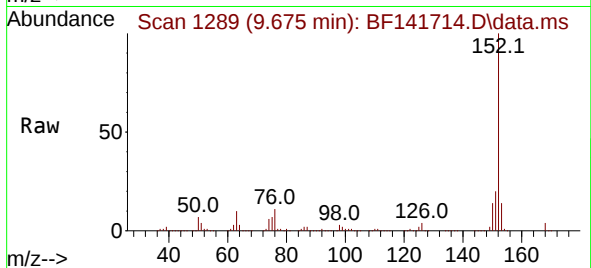
Tgt Ion:152 Resp: 763155

Ion Ratio Lower Upper

152 100

151 20.0 16.4 24.6

153 14.0 10.9 16.3



#50

Dimethylphthalate

Concen: 45.351 ng

RT: 9.539 min Scan# 1266

Delta R.T. -0.024 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

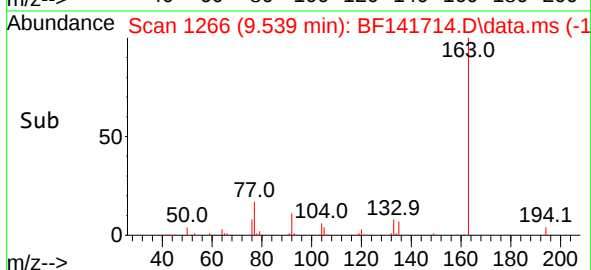
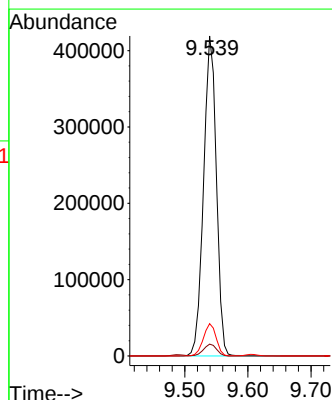
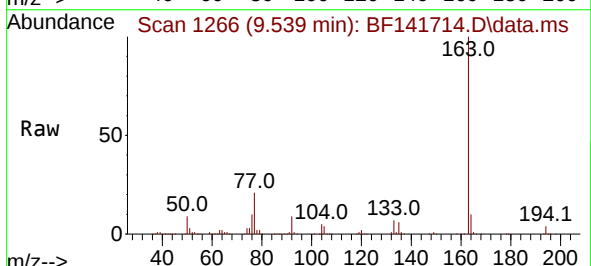
Tgt Ion:163 Resp: 590834

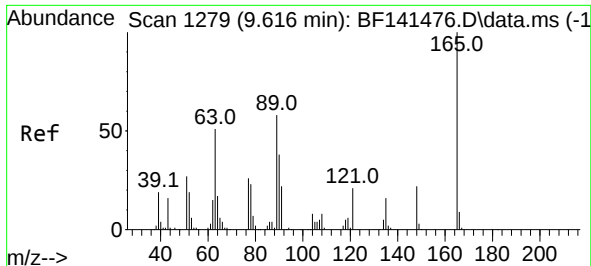
Ion Ratio Lower Upper

163 100

194 3.7 3.0 4.4

164 10.1 7.9 11.9

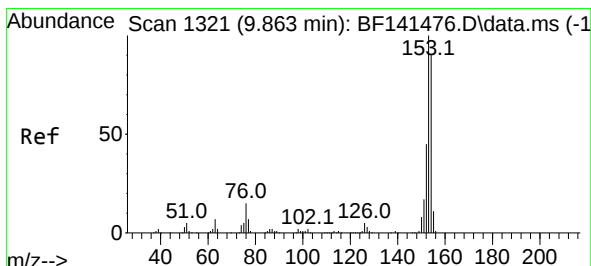
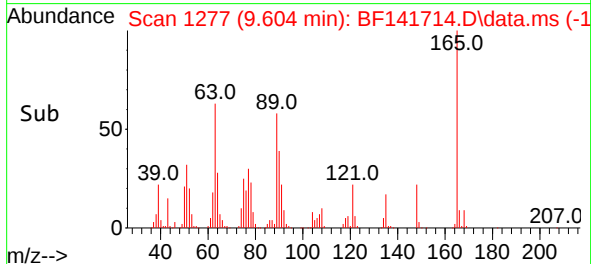
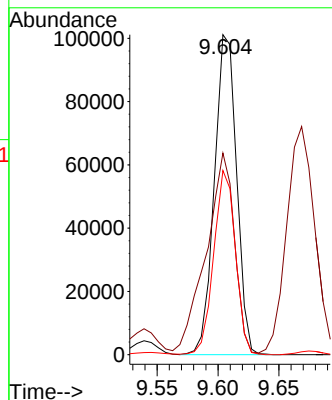
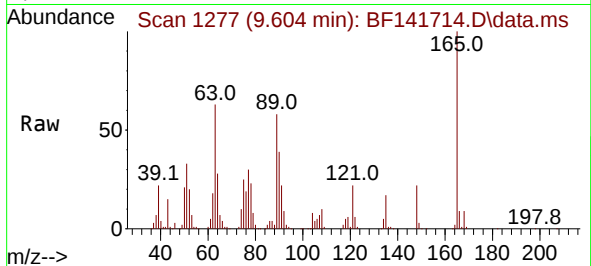




#51
2,6-Dinitrotoluene
Concen: 45.208 ng
RT: 9.604 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

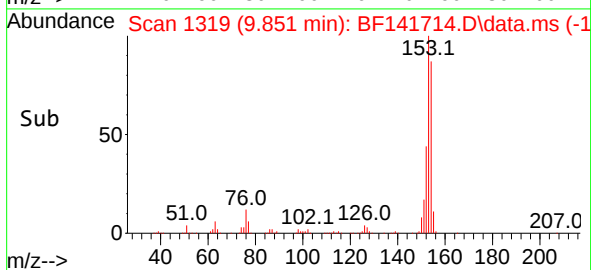
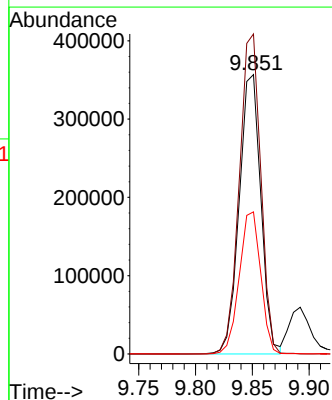
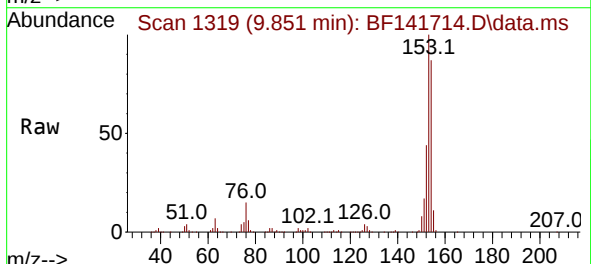
Instrument :
BNA_F
ClientSampleId :
PB166806BS

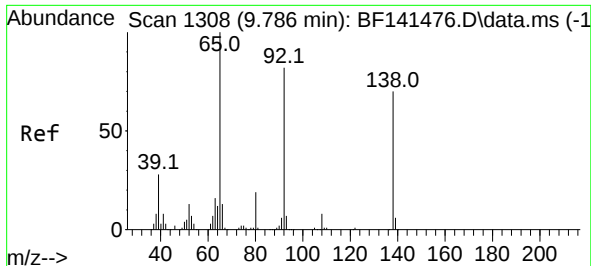
Tgt Ion:165 Resp: 128751
Ion Ratio Lower Upper
165 100
63 63.0 49.4 74.0
89 57.5 46.5 69.7



#52
Acenaphthene
Concen: 43.053 ng
RT: 9.851 min Scan# 1319
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:154 Resp: 473646
Ion Ratio Lower Upper
154 100
153 114.5 89.2 133.8
152 50.9 39.8 59.8

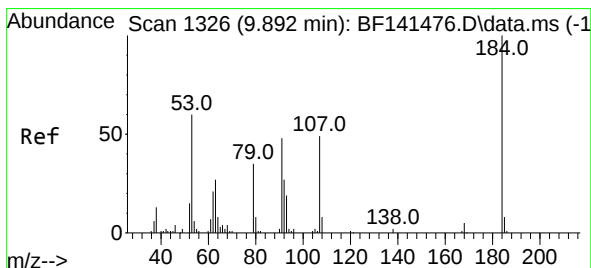
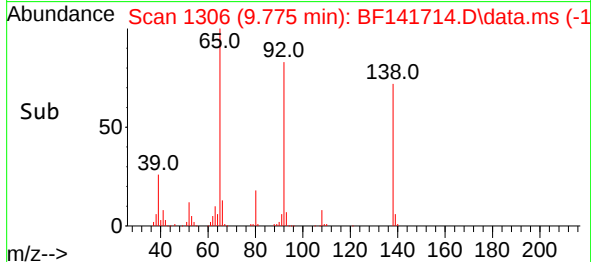
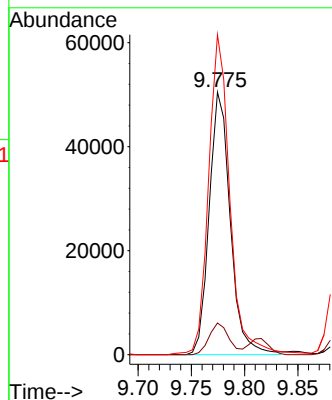
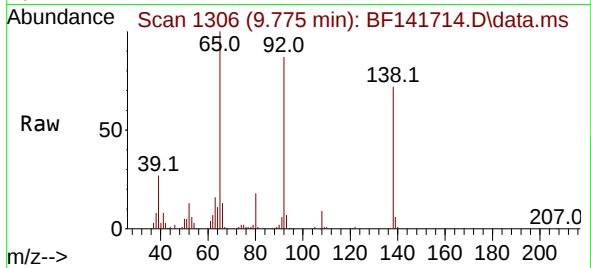




#53
3-Nitroaniline
Concen: 22.727 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

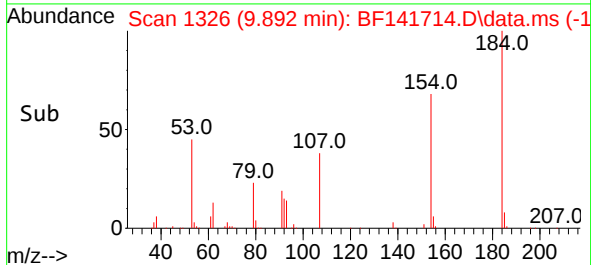
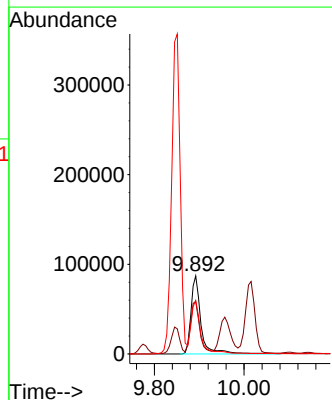
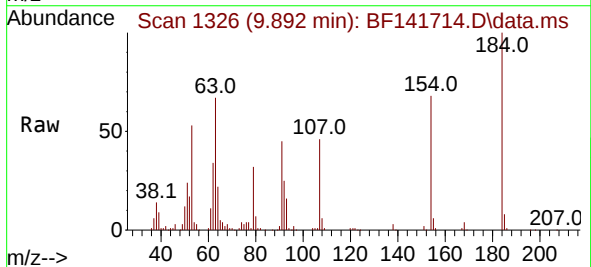
Instrument :
BNA_F
ClientSampleId :
PB166806BS

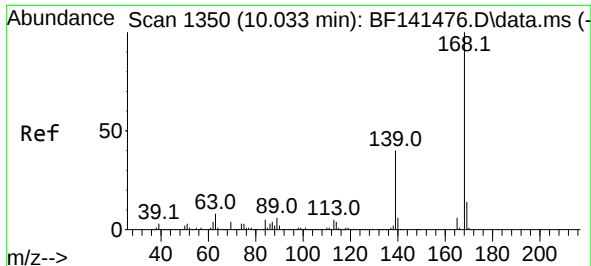
Tgt Ion:138 Resp: 69664
Ion Ratio Lower Upper
138 100
108 12.1 9.0 13.4
92 121.9 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 79.971 ng
RT: 9.892 min Scan# 1326
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:184 Resp: 135362
Ion Ratio Lower Upper
184 100
63 67.2 61.0 91.6
154 68.5 59.9 89.9

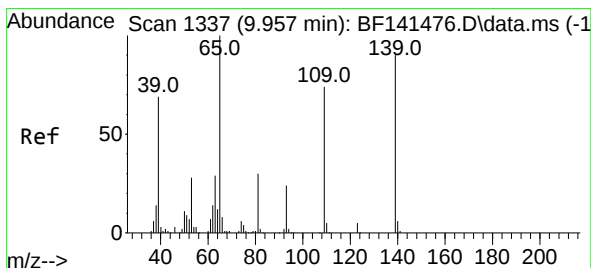
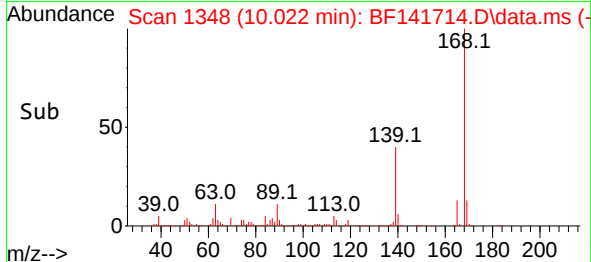
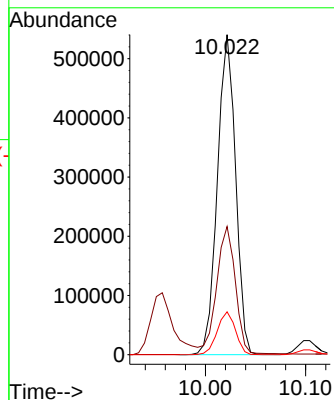
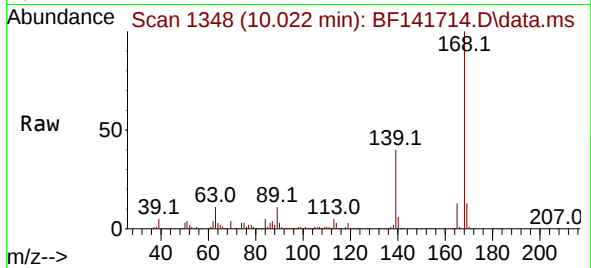




#55
Dibenzenofuran
Concen: 42.080 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

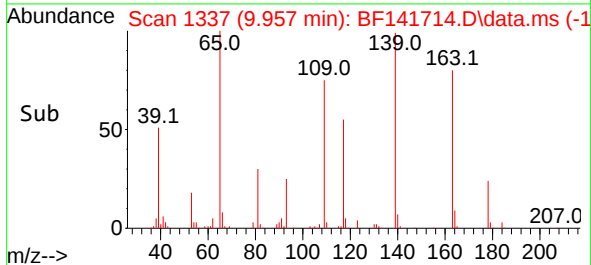
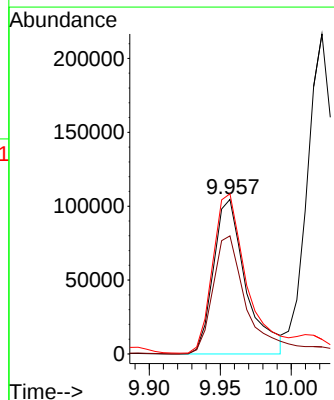
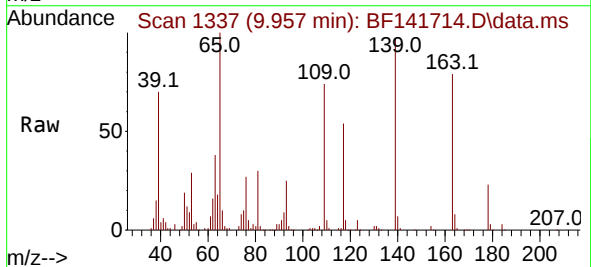
Instrument :
BNA_F
ClientSampleId :
PB166806BS

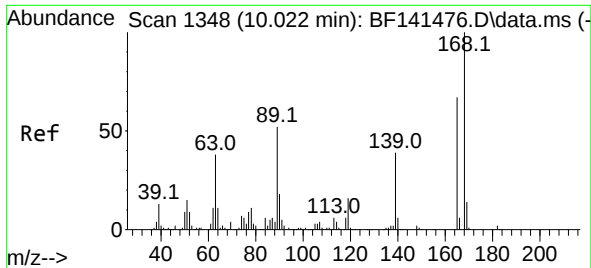
Tgt Ion:168 Resp: 679499
Ion Ratio Lower Upper
168 100
139 40.1 32.7 49.1
169 13.4 10.8 16.2



#56
4-Nitrophenol
Concen: 72.877 ng
RT: 9.957 min Scan# 1337
Delta R.T. -0.012 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

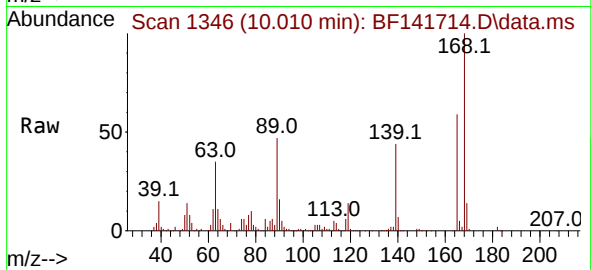
Tgt Ion:139 Resp: 165829
Ion Ratio Lower Upper
139 100
109 76.4 62.0 102.0
65 103.6 91.2 131.2



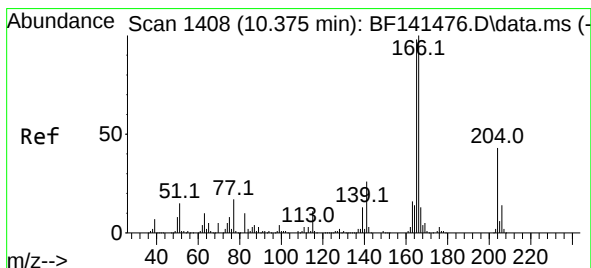
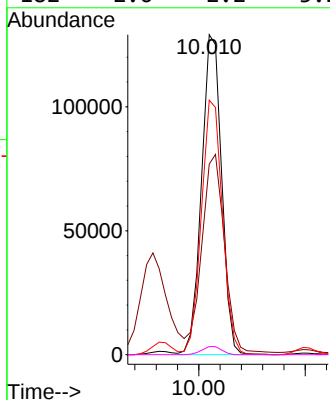
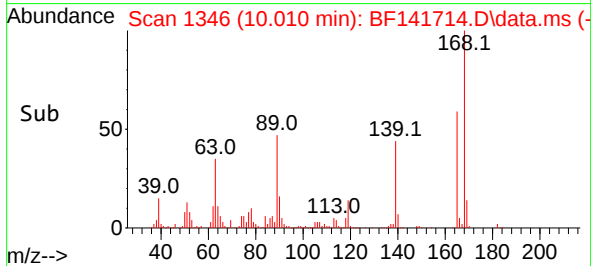


#57
2,4-Dinitrotoluene
Concen: 44.600 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

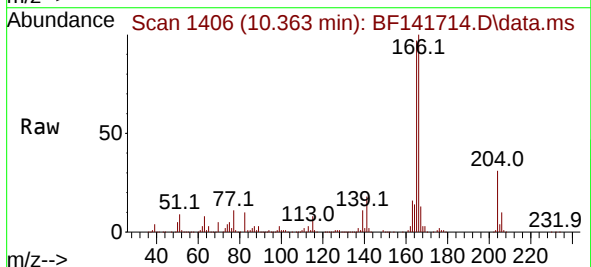
Instrument :
BNA_F
ClientSampleId :
PB166806BS



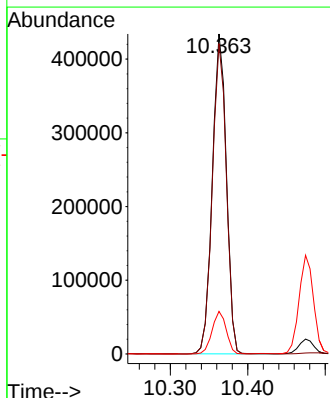
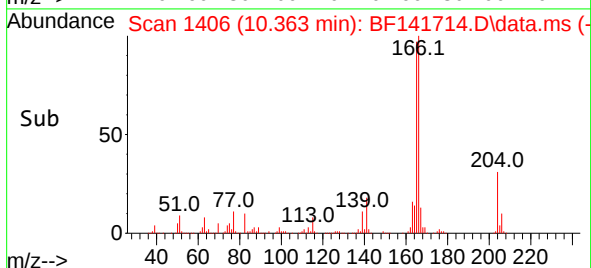
Tgt Ion:165 Resp: 169094
Ion Ratio Lower Upper
165 100
63 59.6 46.4 69.6
89 79.6 61.8 92.6
182 2.6 2.2 3.2



#58
Fluorene
Concen: 43.723 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14



Tgt Ion:166 Resp: 545912
Ion Ratio Lower Upper
166 100
165 97.0 78.2 117.2
167 13.3 10.7 16.1

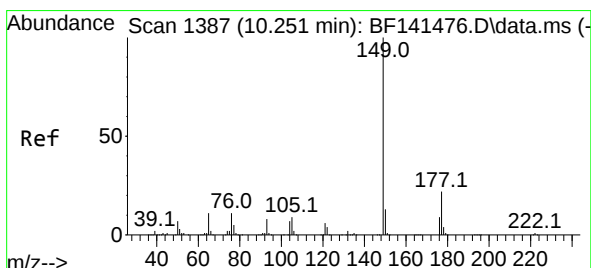
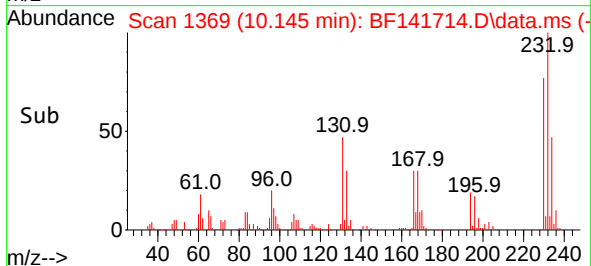
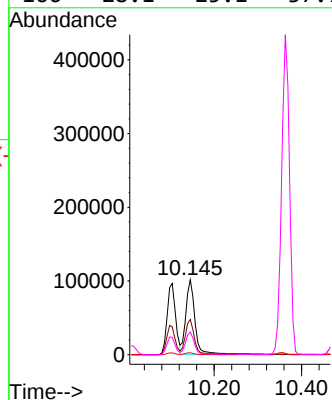
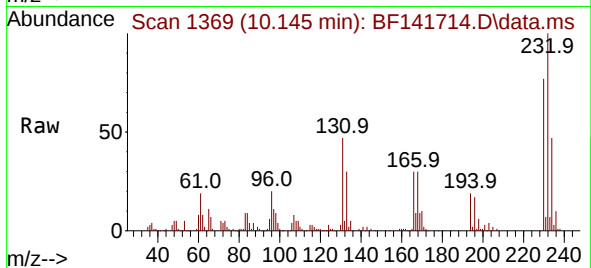




#59
2,3,4,6-Tetrachlorophenol
Concen: 44.139 ng
RT: 10.145 min Scan# 1369
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

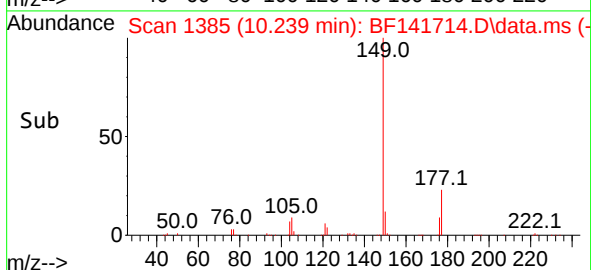
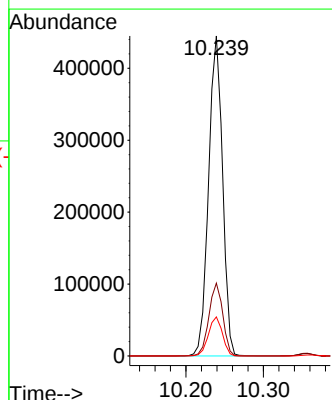
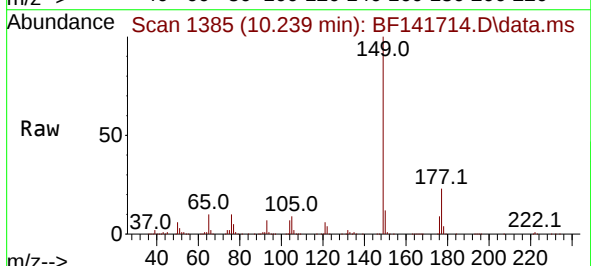
Instrument :
BNA_F
ClientSampleId :
PB166806BS

Tgt Ion:232 Resp: 147784
Ion Ratio Lower Upper
232 100
131 45.7 39.2 58.8
130 2.2 2.1 3.1
166 28.1 25.1 37.7



#60
Diethylphthalate
Concen: 43.413 ng
RT: 10.239 min Scan# 1385
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:149 Resp: 556470
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.6
150 12.2 10.1 15.1

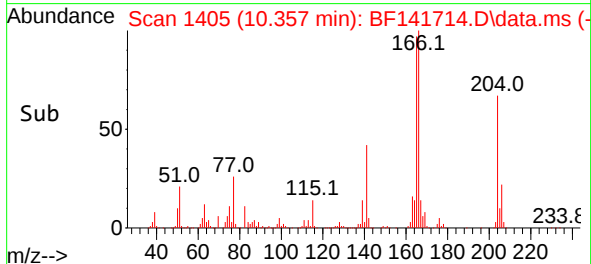
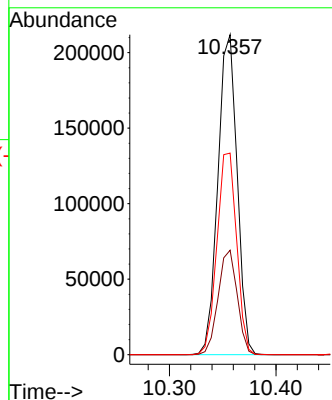
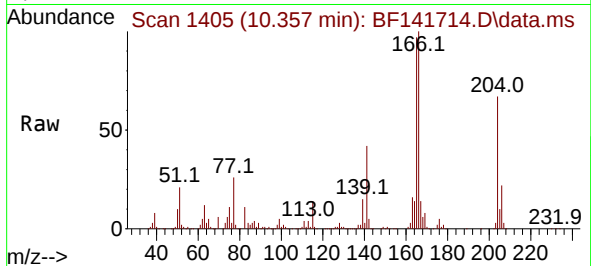




#61
4-Chlorophenyl-phenylether
Concen: 44.182 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

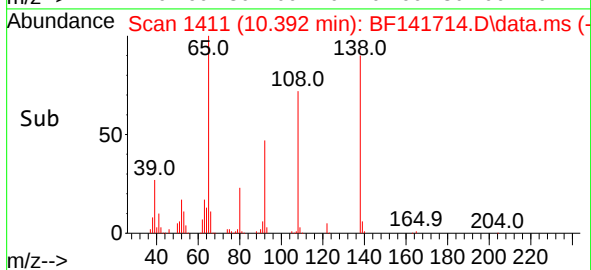
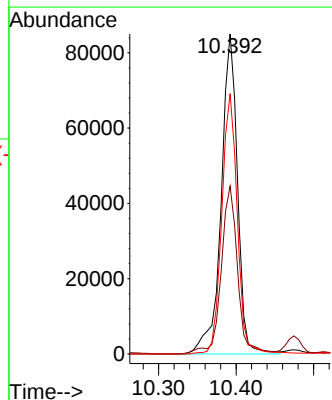
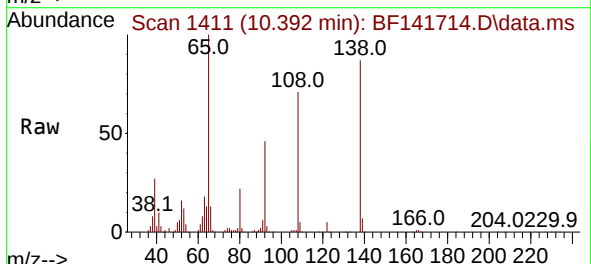
Instrument :
BNA_F
ClientSampleId :
PB166806BS

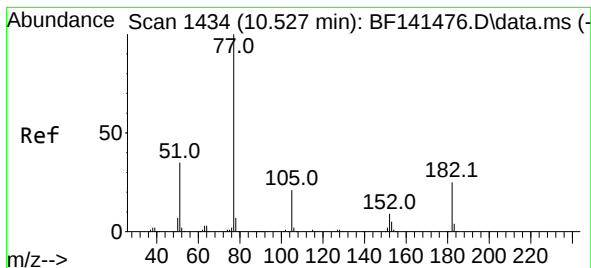
Tgt Ion:204 Resp: 265384
Ion Ratio Lower Upper
204 100
206 32.7 26.6 40.0
141 63.0 51.9 77.9



#62
4-Nitroaniline
Concen: 40.077 ng
RT: 10.392 min Scan# 1411
Delta R.T. -0.024 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:138 Resp: 124740
Ion Ratio Lower Upper
138 100
92 52.4 31.3 71.3
108 81.4 63.7 103.7





#63

Azobenzene

Concen: 41.183 ng

RT: 10.516 min Scan# 1434

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

Tgt Ion: 77 Resp: 524788

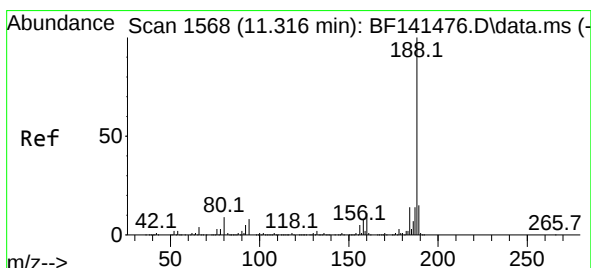
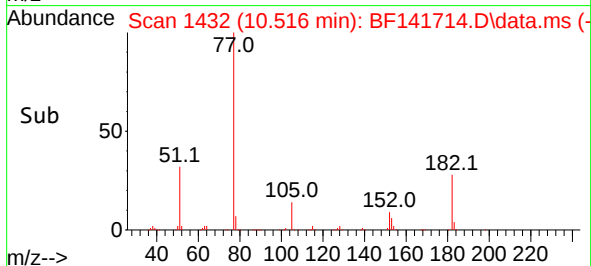
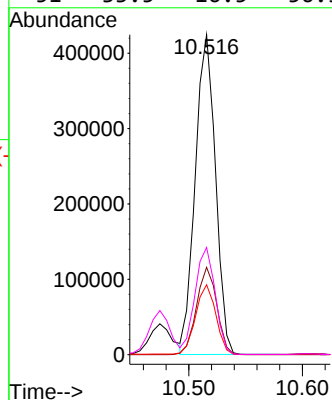
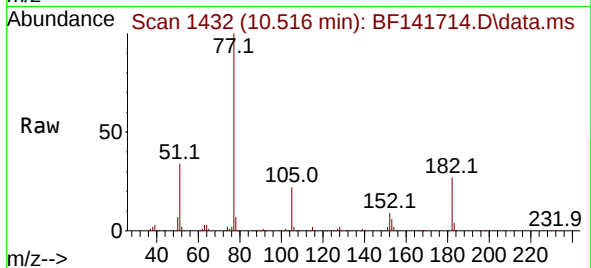
Ion Ratio Lower Upper

77 100

182 27.3 4.7 44.7

105 21.8 0.4 40.4

51 33.5 16.5 56.5



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.298 min Scan# 1565

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

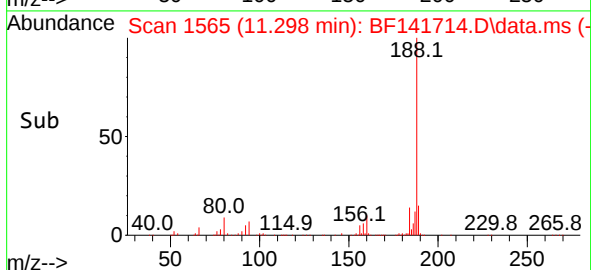
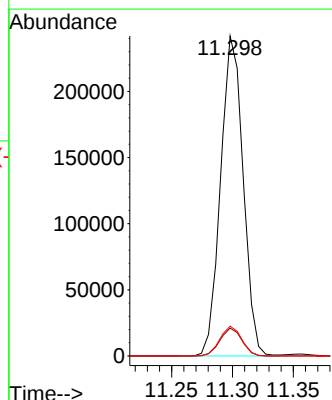
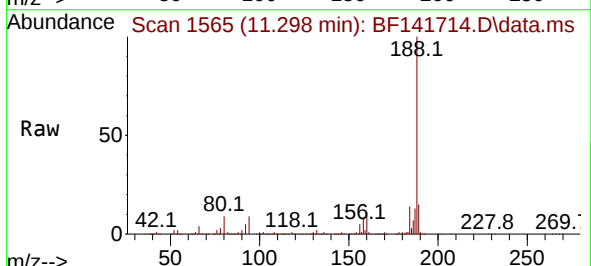
Tgt Ion: 188 Resp: 311771

Ion Ratio Lower Upper

188 100

94 8.7 6.6 10.0

80 9.3 7.3 10.9

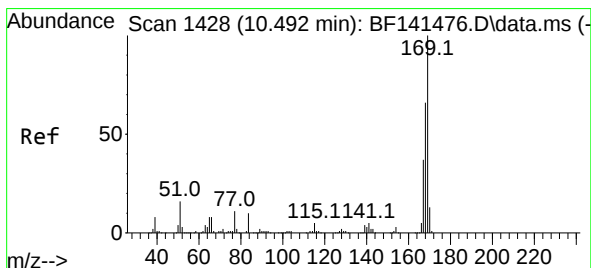
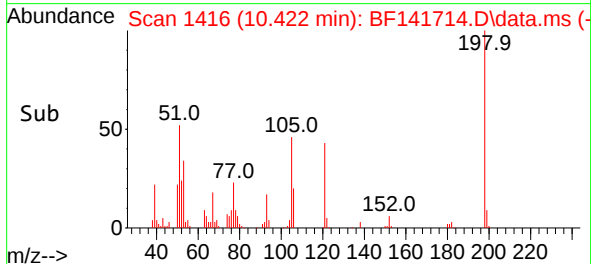
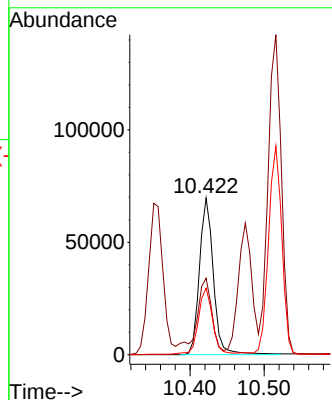
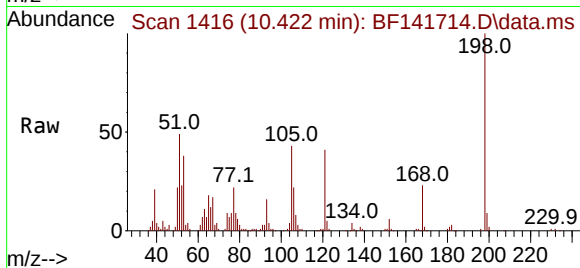




#65
4,6-Dinitro-2-methylphenol
Concen: 42.043 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

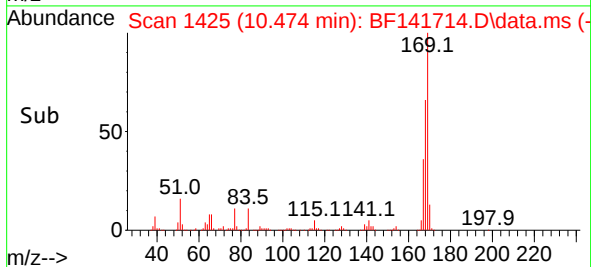
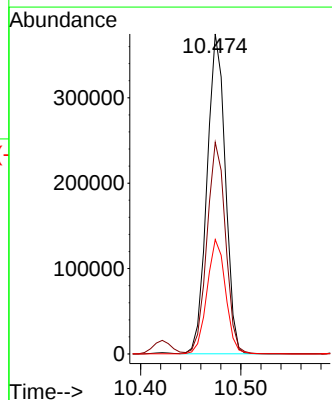
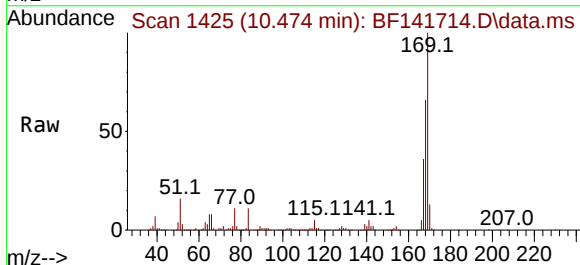
Instrument :
BNA_F
ClientSampleId :
PB166806BS

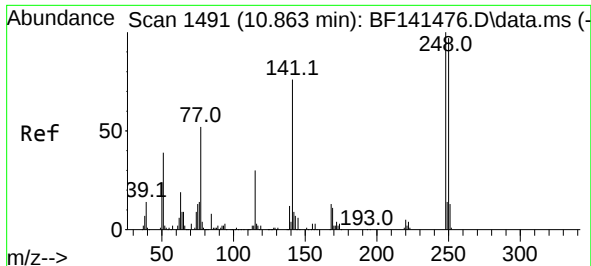
Tgt Ion:198 Resp: 91054
Ion Ratio Lower Upper
198 100
51 48.8 37.4 77.4
105 42.5 25.2 65.2



#66
n-Nitrosodiphenylamine
Concen: 47.658 ng
RT: 10.474 min Scan# 1425
Delta R.T. -0.024 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:169 Resp: 475632
Ion Ratio Lower Upper
169 100
168 66.1 53.3 79.9
167 35.7 29.4 44.2





#67

4-Bromophenyl-phenylether

Concen: 46.505 ng

RT: 10.845 min Scan# 1488

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

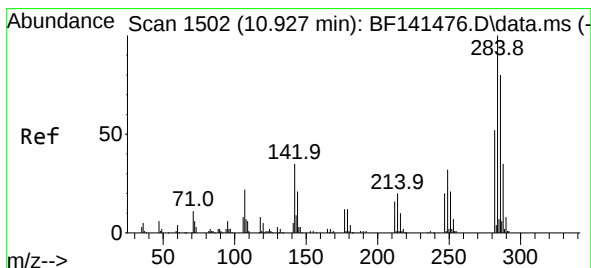
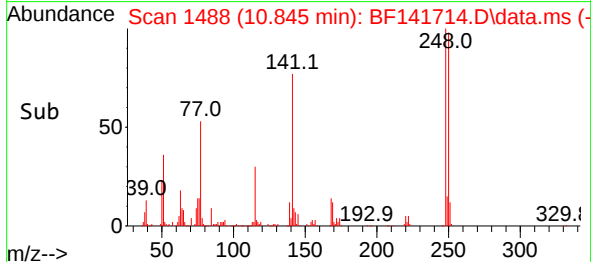
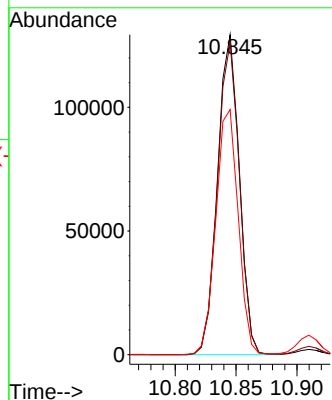
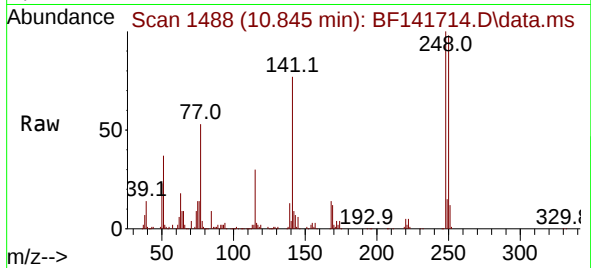
Tgt Ion:248 Resp: 162044

Ion Ratio Lower Upper

248 100

250 97.6 77.8 116.6

141 76.6 60.6 90.8



#68

Hexachlorobenzene

Concen: 47.846 ng

RT: 10.910 min Scan# 1499

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

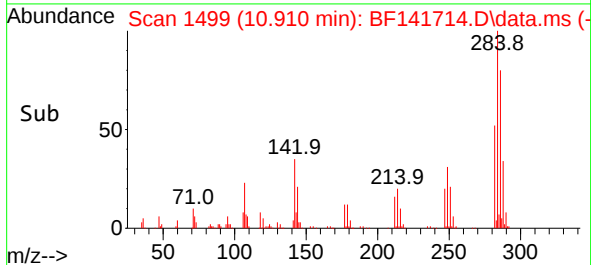
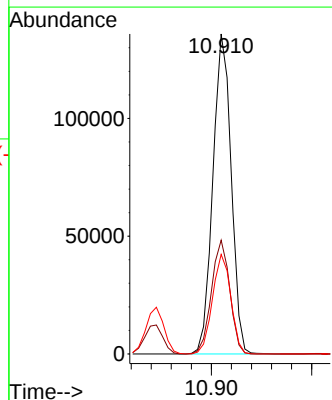
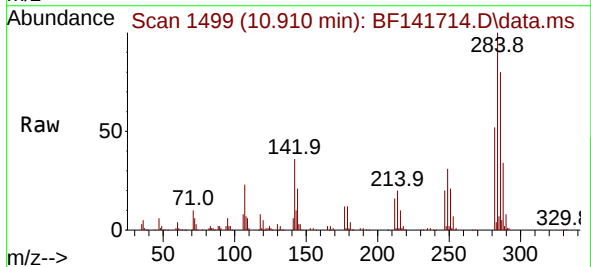
Tgt Ion:284 Resp: 171673

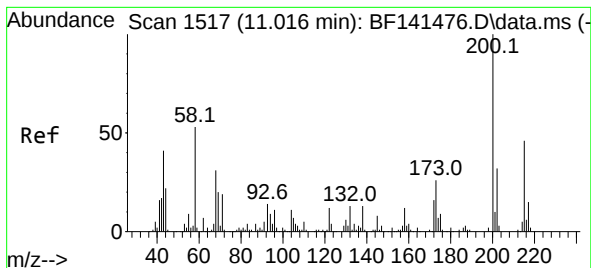
Ion Ratio Lower Upper

284 100

142 35.6 28.0 42.0

249 31.1 25.8 38.8





#69

Atrazine

Concen: 58.394 ng

RT: 11.004 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

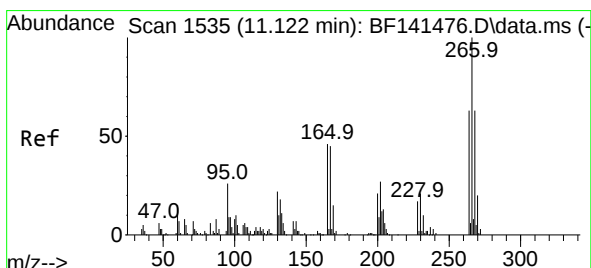
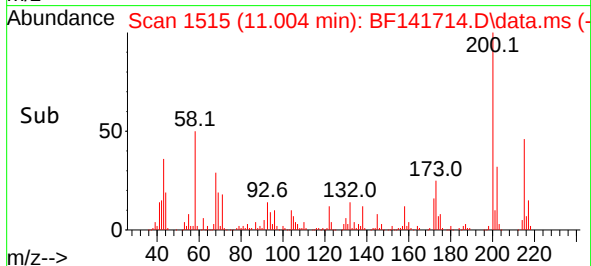
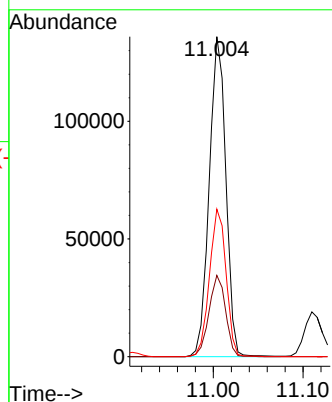
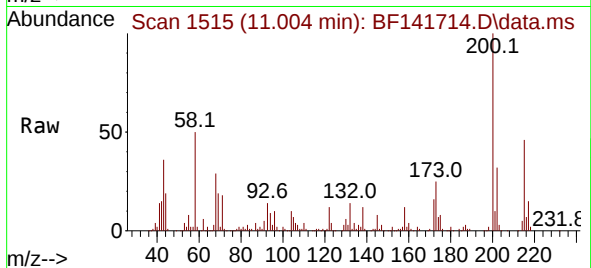
Tgt Ion:200 Resp: 174833

Ion Ratio Lower Upper

200 100

173 25.4 5.9 45.9

215 46.1 25.9 65.9



#70

Pentachlorophenol

Concen: 67.506 ng

RT: 11.110 min Scan# 1533

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

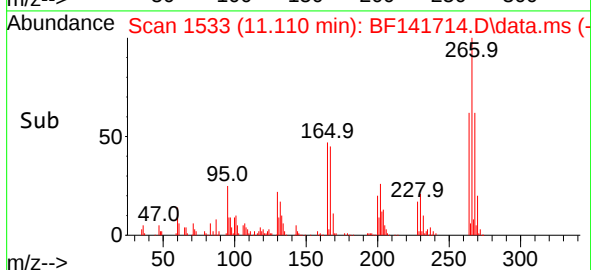
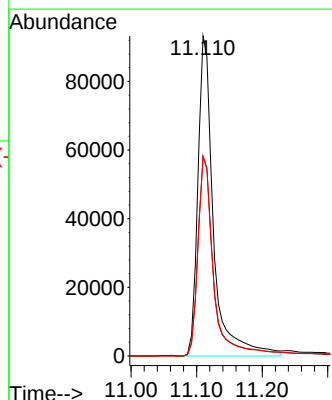
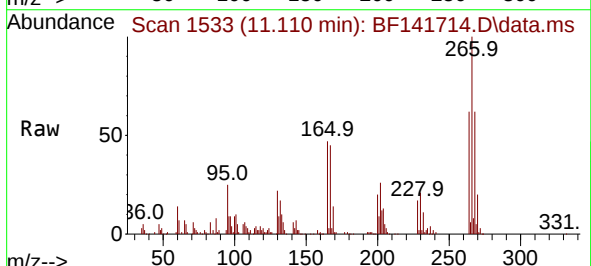
Tgt Ion:266 Resp: 154877

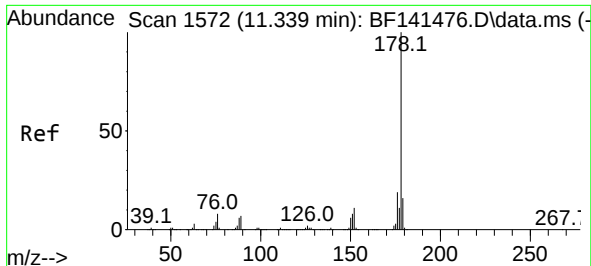
Ion Ratio Lower Upper

266 100

268 62.2 50.1 75.1

264 62.4 50.1 75.1

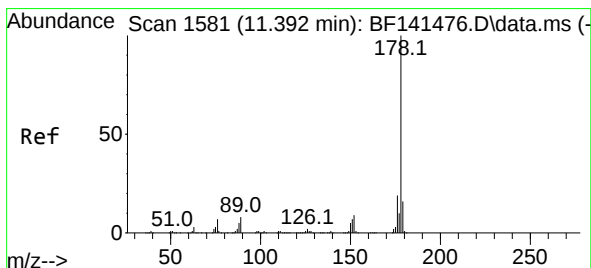
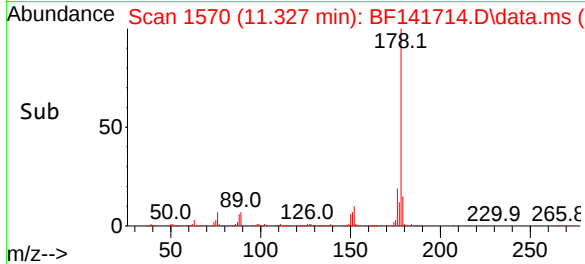
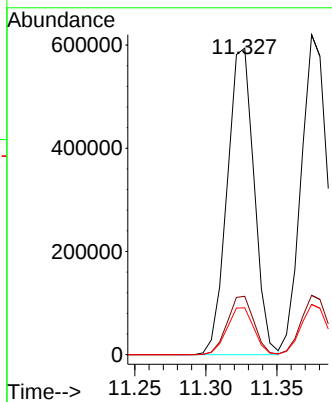
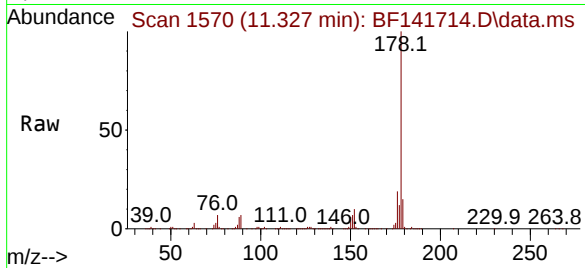




#71
Phenanthrene
Concen: 45.617 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

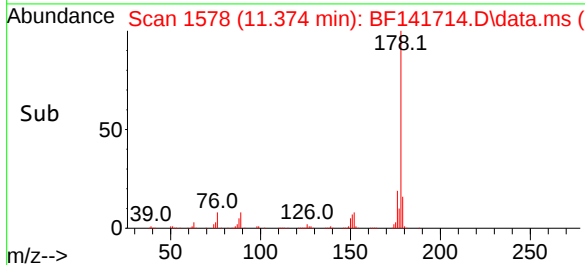
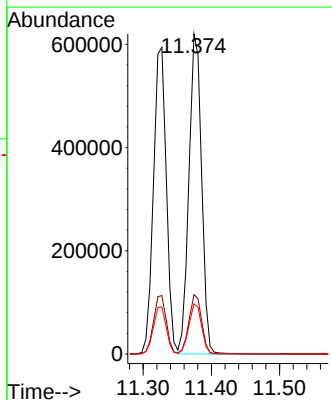
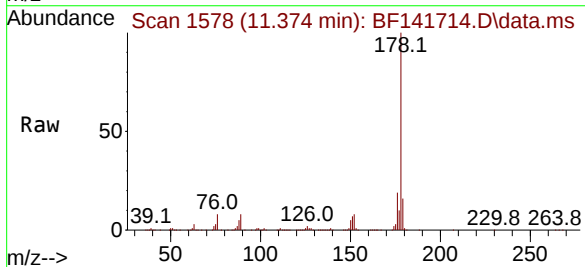
Instrument :
BNA_F
ClientSampleId :
PB166806BS

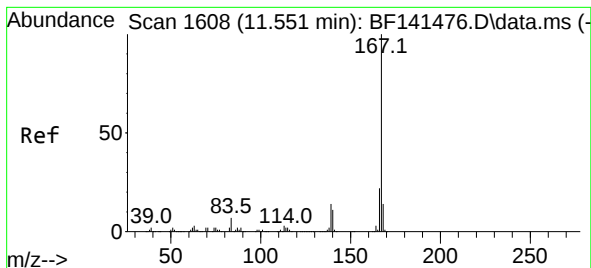
Tgt Ion:178 Resp: 782861
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 46.240 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:178 Resp: 797708
Ion Ratio Lower Upper
178 100
176 18.5 14.8 22.2
179 15.7 12.4 18.6





#73

Carbazole

Concen: 43.283 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

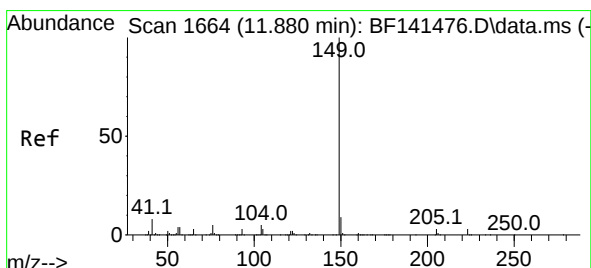
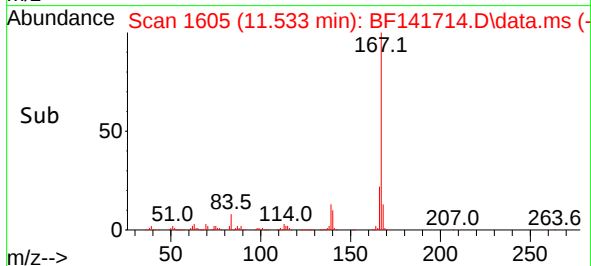
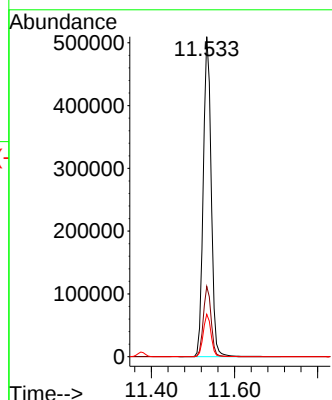
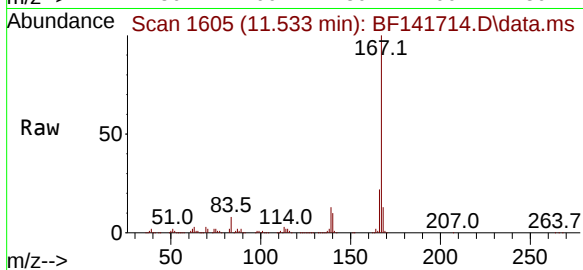
Tgt Ion:167 Resp: 671874

Ion Ratio Lower Upper

167 100

166 21.9 17.4 26.2

139 13.2 10.9 16.3



#74

Di-n-butylphthalate

Concen: 44.329 ng

RT: 11.857 min Scan# 1660

Delta R.T. -0.023 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

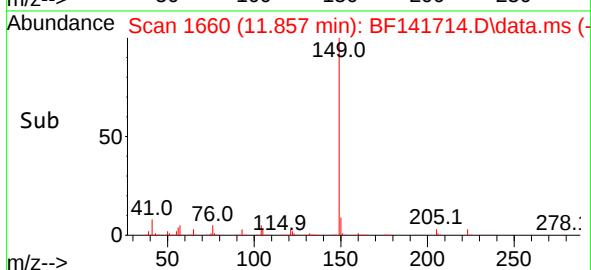
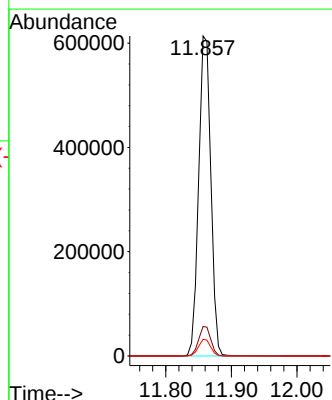
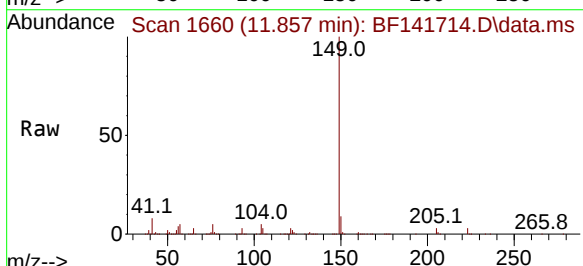
Tgt Ion:149 Resp: 794544

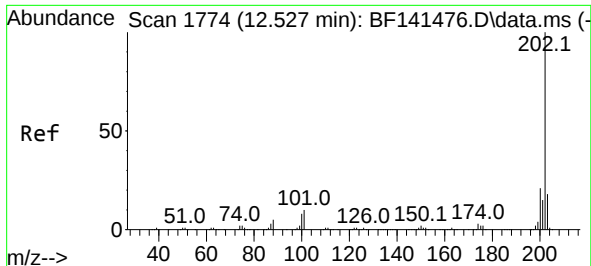
Ion Ratio Lower Upper

149 100

150 9.2 7.4 11.0

104 5.2 4.2 6.2

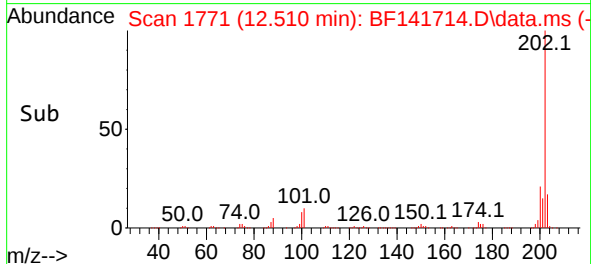
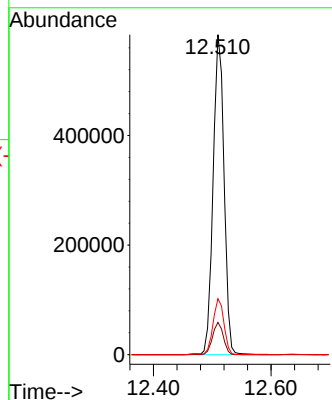
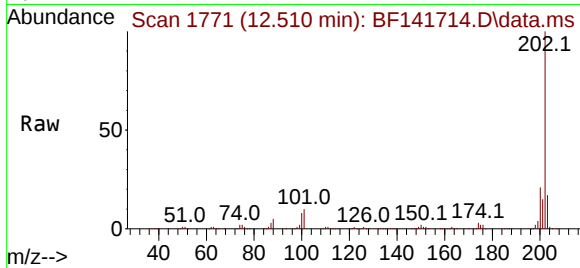




#75
Fluoranthene
Concen: 41.414 ng
RT: 12.510 min Scan# 11
Delta R.T. -0.023 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

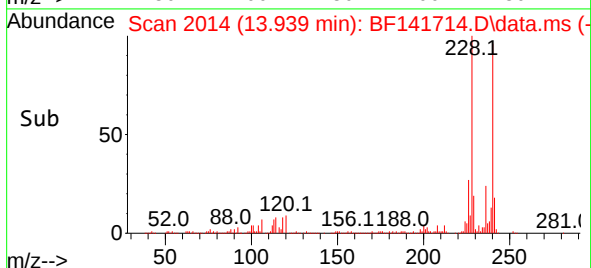
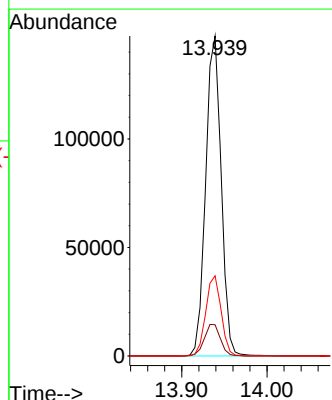
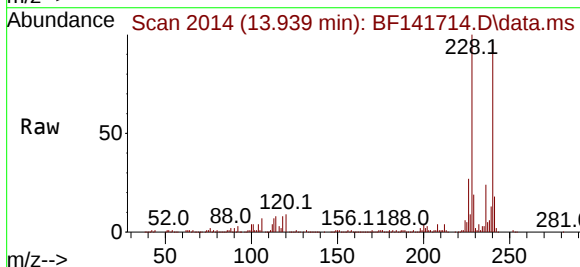
Instrument :
BNA_F
ClientSampleId :
PB166806BS

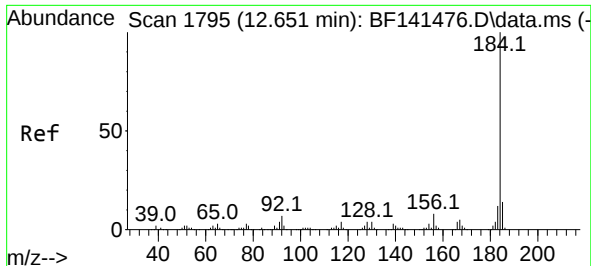
Tgt Ion:202 Resp: 753505
Ion Ratio Lower Upper
202 100
101 10.1 0.0 30.2
203 17.5 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.939 min Scan# 2014
Delta R.T. -0.023 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:240 Resp: 186393
Ion Ratio Lower Upper
240 100
120 9.7 8.0 12.0
236 25.0 19.8 29.8

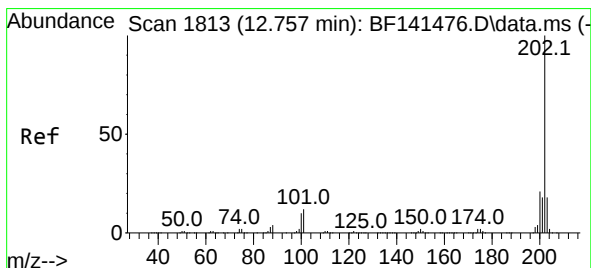
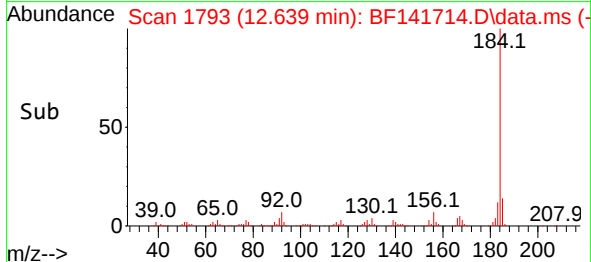
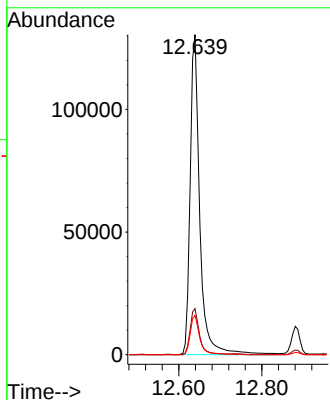
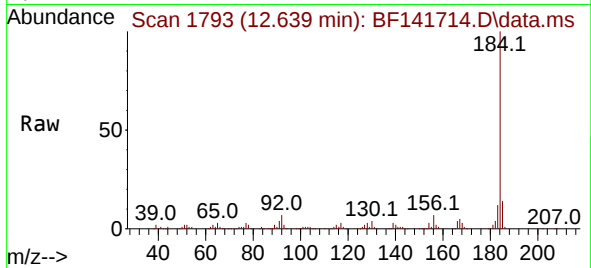




#77
Benzidine
Concen: 51.256 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

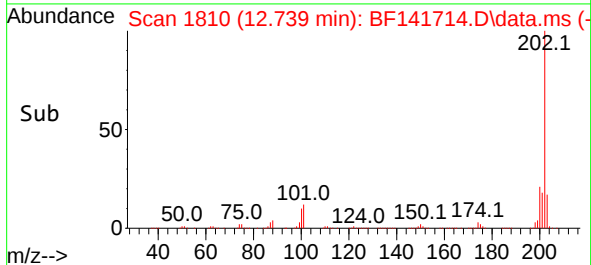
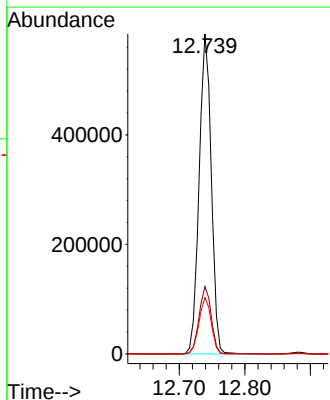
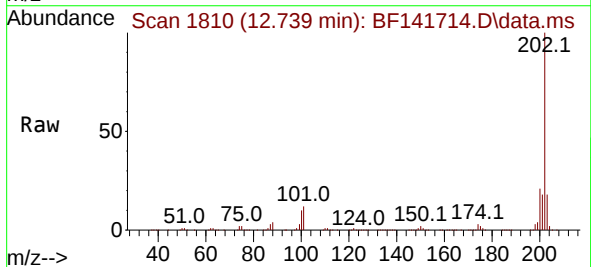
Instrument :
BNA_F
ClientSampleId :
PB166806BS

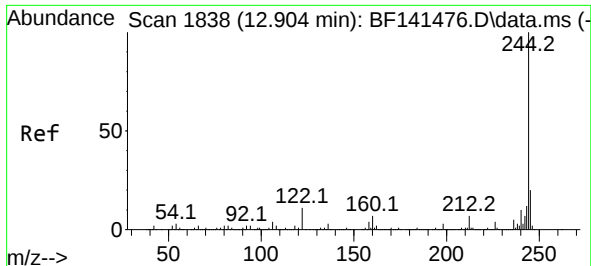
Tgt Ion:184 Resp: 210700
Ion Ratio Lower Upper
184 100
185 14.4 11.3 16.9
183 12.3 9.3 13.9



#78
Pyrene
Concen: 47.466 ng
RT: 12.739 min Scan# 1810
Delta R.T. -0.023 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:202 Resp: 753153
Ion Ratio Lower Upper
202 100
200 21.1 17.0 25.4
203 17.6 14.3 21.5

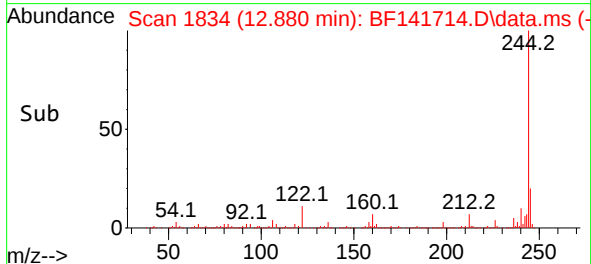
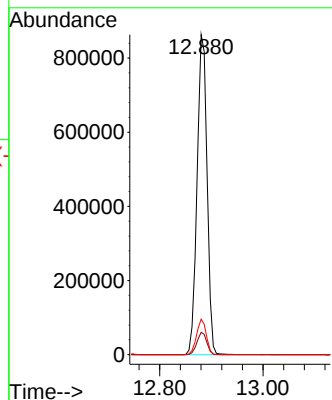
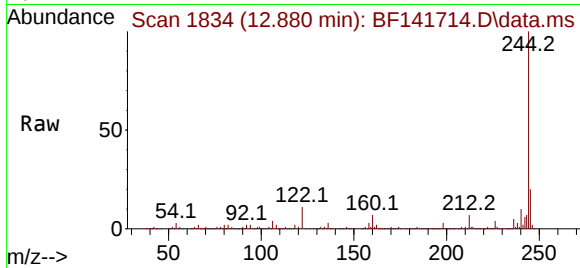




#79
 Terphenyl-d14
 Concen: 104.813 ng
 RT: 12.880 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

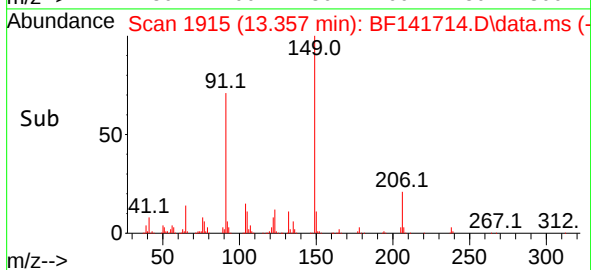
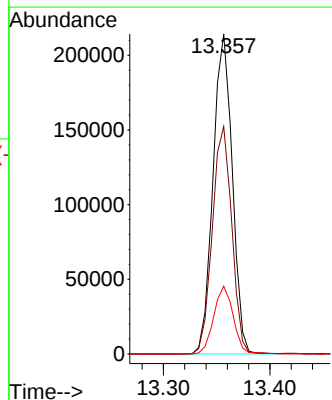
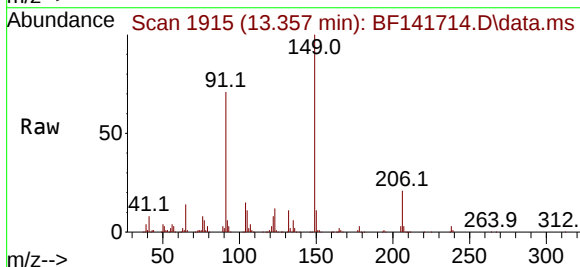
Instrument :
 BNA_F
 ClientSampleId :
 PB166806BS

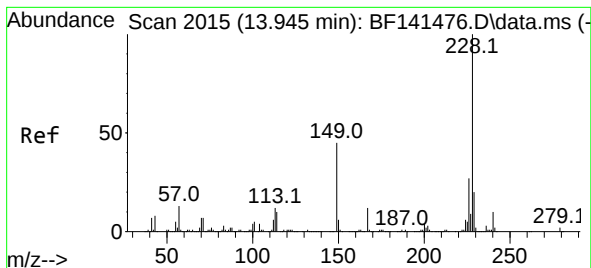
Tgt Ion:244 Resp: 1157257
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.6 8.4
 122 11.1 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 48.922 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.024 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

Tgt Ion:149 Resp: 268872
 Ion Ratio Lower Upper
 149 100
 91 71.0 57.8 86.8
 206 21.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 45.733 ng

RT: 13.927 min Scan# 20

Delta R.T. -0.024 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

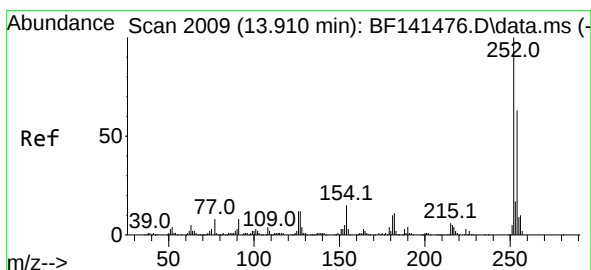
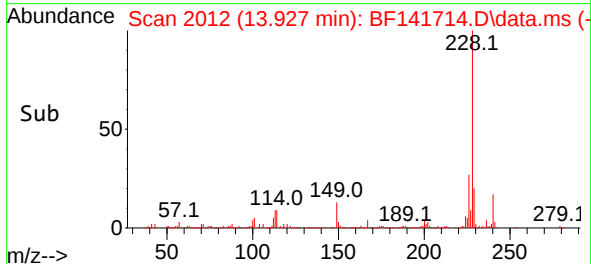
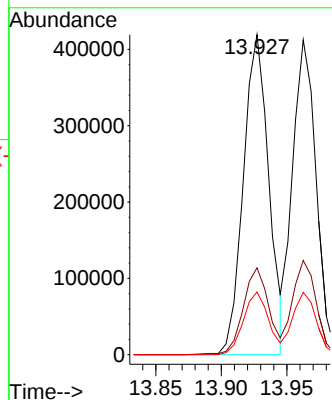
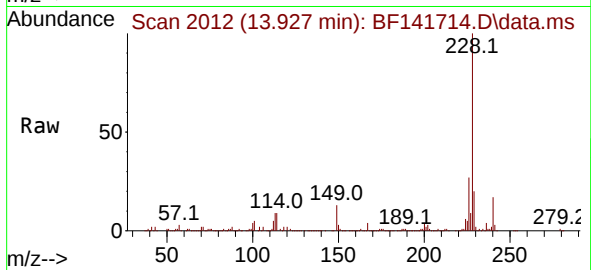
Tgt Ion:228 Resp: 566639

Ion Ratio Lower Upper

228 100

226 27.2 21.8 32.8

229 19.6 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 31.262 ng

RT: 13.892 min Scan# 2006

Delta R.T. -0.023 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

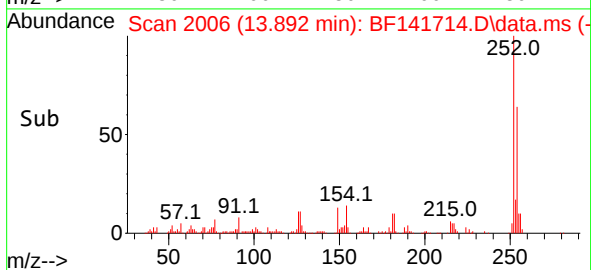
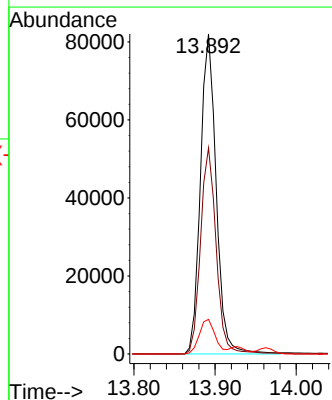
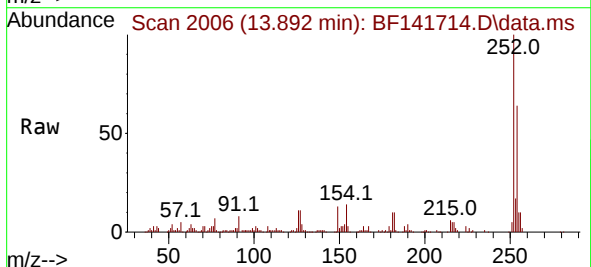
Tgt Ion:252 Resp: 110955

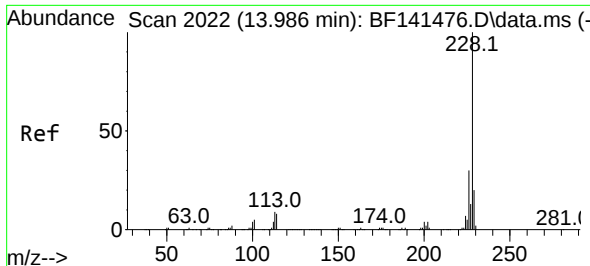
Ion Ratio Lower Upper

252 100

254 64.4 50.6 76.0

126 10.8 9.3 13.9

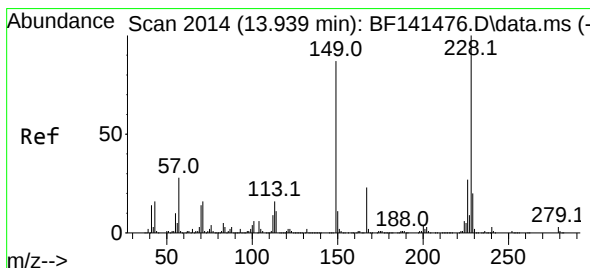
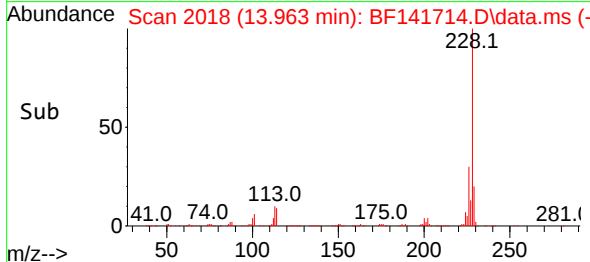
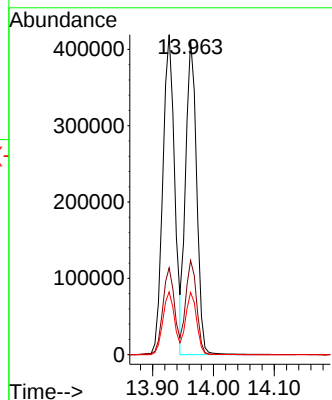
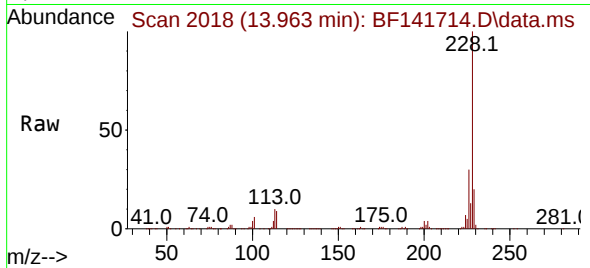




#83
Chrysene
Concen: 45.077 ng
RT: 13.963 min Scan# 2010
Delta R.T. -0.029 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

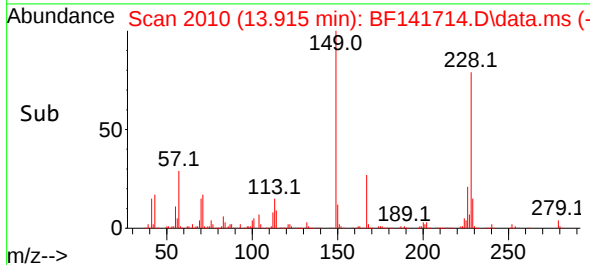
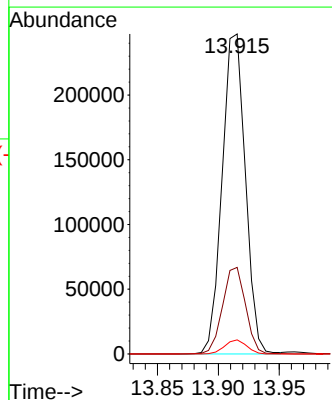
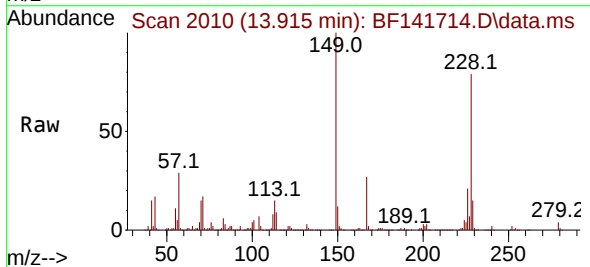
Instrument :
BNA_F
ClientSampleId :
PB166806BS

Tgt Ion:228 Resp: 515705
Ion Ratio Lower Upper
228 100
226 29.9 24.0 36.0
229 19.8 15.7 23.5



#84
Bis(2-ethylhexyl)phthalate
Concen: 52.962 ng
RT: 13.915 min Scan# 2010
Delta R.T. -0.024 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:149 Resp: 328288
Ion Ratio Lower Upper
149 100
167 27.0 21.4 32.0
279 4.4 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 54.062 ng

RT: 14.521 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

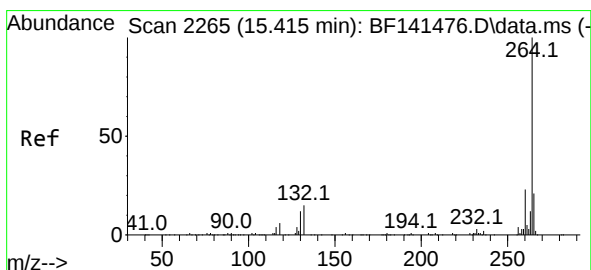
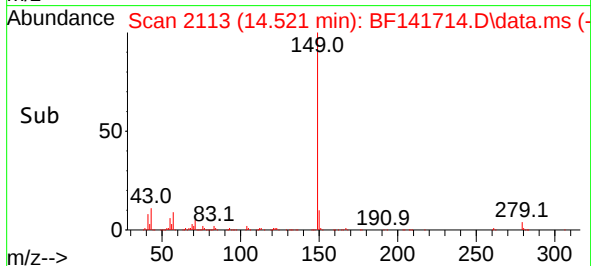
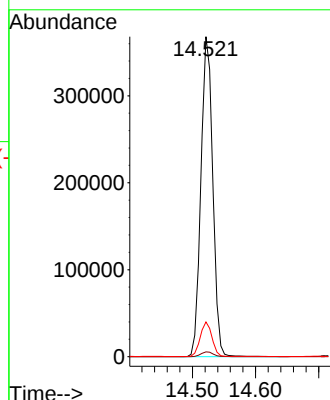
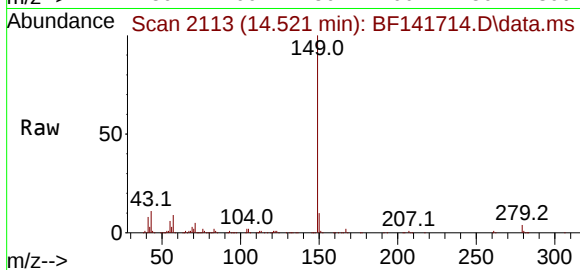
Tgt Ion:149 Resp: 478056

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 10.7 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.374 min Scan# 2258

Delta R.T. -0.041 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

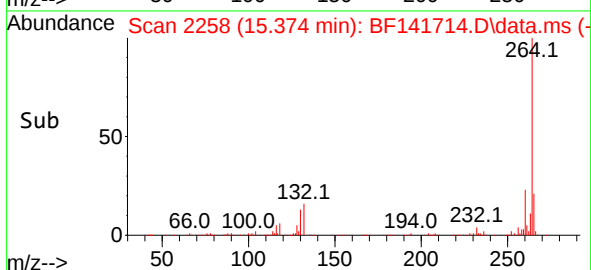
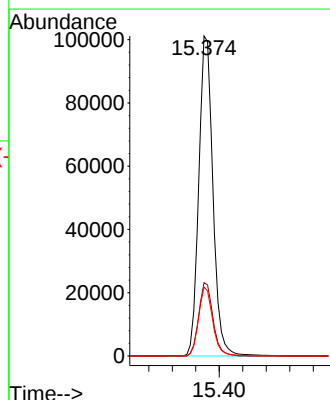
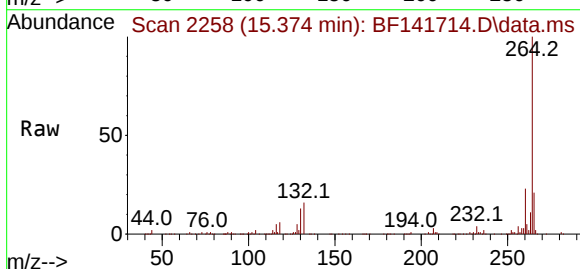
Tgt Ion:264 Resp: 169040

Ion Ratio Lower Upper

264 100

260 22.9 18.6 28.0

265 21.5 17.0 25.4

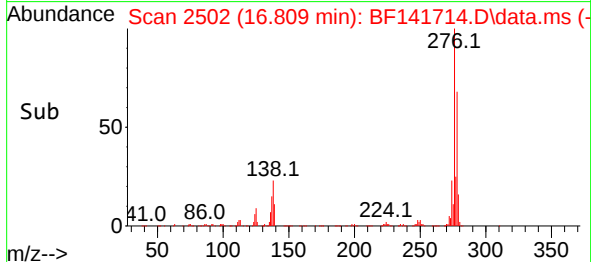
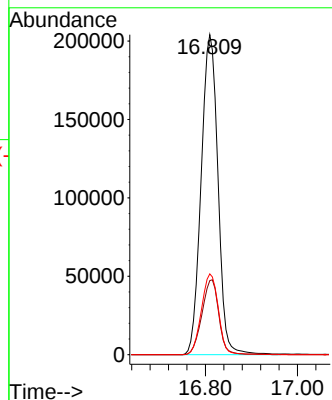
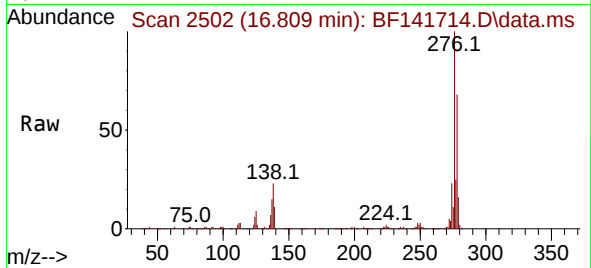




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.686 ng
RT: 16.809 min Scan# 2188
Delta R.T. -0.065 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

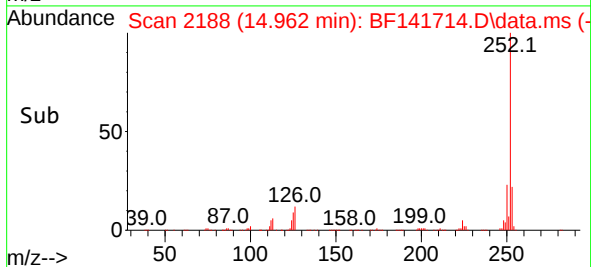
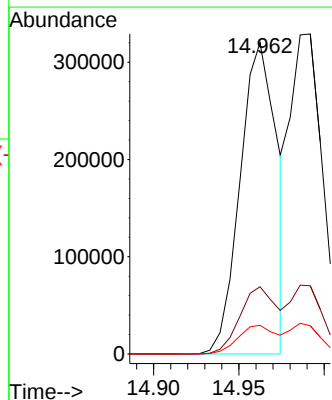
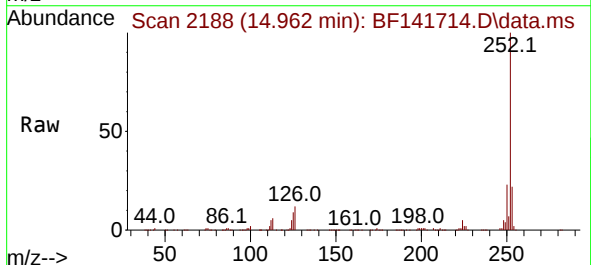
Instrument :
BNA_F
ClientSampleId :
PB166806BS

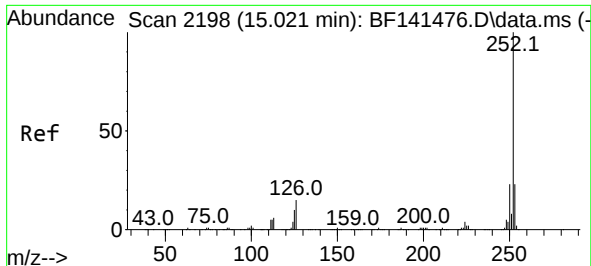
Tgt Ion:276 Resp: 518958
Ion Ratio Lower Upper
276 100
138 23.5 18.0 27.0
277 25.5 20.4 30.6



#88
Benzo(b)fluoranthene
Concen: 42.088 ng
RT: 14.962 min Scan# 2188
Delta R.T. -0.041 min
Lab File: BF141714.D
Acq: 21 Feb 2025 12:14

Tgt Ion:252 Resp: 477712
Ion Ratio Lower Upper
252 100
253 21.6 17.5 26.3
125 9.2 7.0 10.6





#89

Benzo(k)fluoranthene

Concen: 46.066 ng

RT: 14.992 min Scan# 21

Delta R.T. -0.041 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

Instrument :

BNA_F

ClientSampleId :

PB166806BS

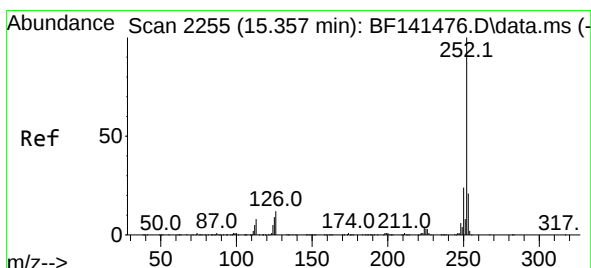
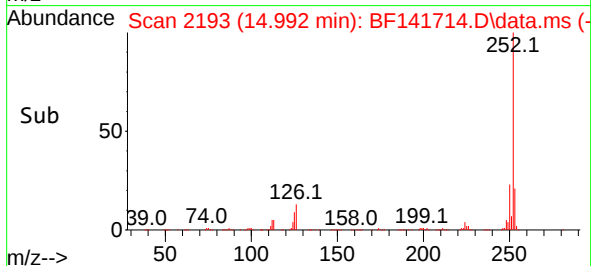
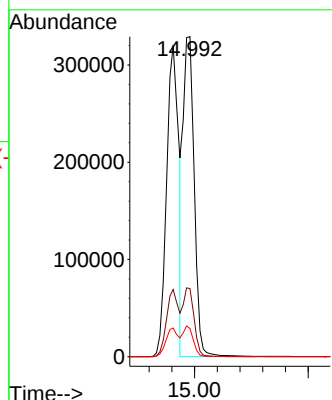
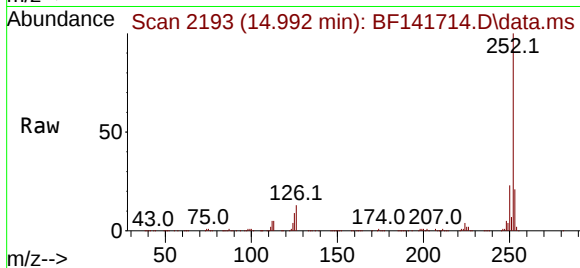
Tgt Ion:252 Resp: 446474

Ion Ratio Lower Upper

252 100

253 21.3 18.0 27.0

125 8.8 7.4 11.0



#90

Benzo(a)pyrene

Concen: 47.834 ng

RT: 15.315 min Scan# 2248

Delta R.T. -0.047 min

Lab File: BF141714.D

Acq: 21 Feb 2025 12:14

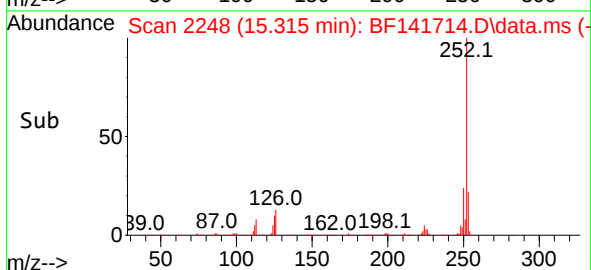
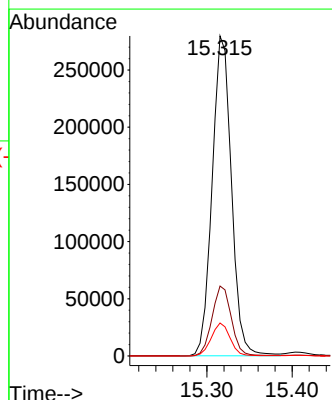
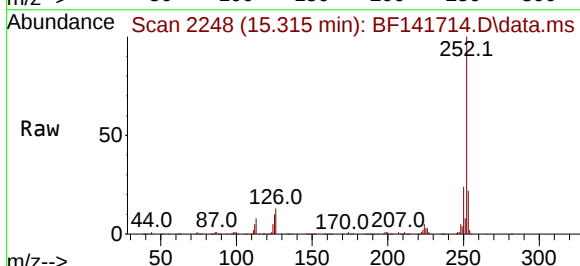
Tgt Ion:252 Resp: 439317

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 10.3 7.4 11.2

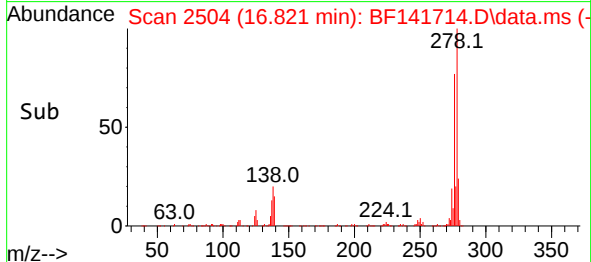
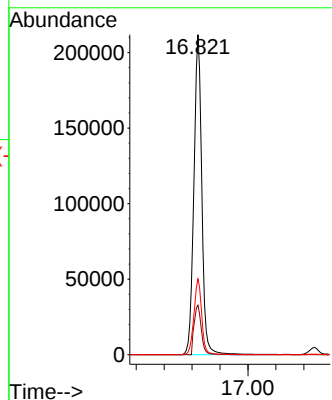
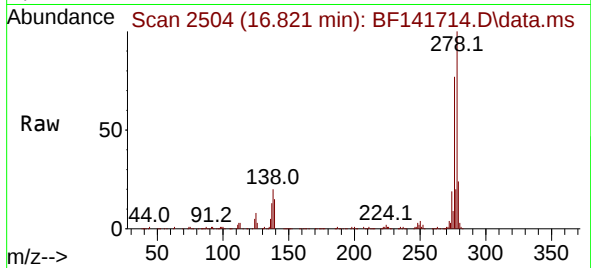




#91
 Dibenzo(a,h)anthracene
 Concen: 49.530 ng
 RT: 16.821 min Scan# 2504
 Delta R.T. -0.071 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

Instrument :
 BNA_F
 ClientSampleId :
 PB166806BS

Tgt Ion:278 Resp: 419186
 Ion Ratio Lower Upper
 278 100
 139 15.5 11.8 17.6
 279 23.7 19.1 28.7



#92
 Benzo(g,h,i)perylene
 Concen: 45.764 ng
 RT: 17.239 min Scan# 2575
 Delta R.T. -0.076 min
 Lab File: BF141714.D
 Acq: 21 Feb 2025 12:14

Tgt Ion:276 Resp: 405312
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.6 28.0
 138 19.4 15.9 23.9

