

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022425\
 Data File : BF141751.D
 Acq On : 24 Feb 2025 18:37
 Operator : RC/JU
 Sample : Q1413-01MS 2X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-2-022125MS

Quant Time: Feb 25 00:11:09 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	67112	20.000	ng	-0.01
21) Naphthalene-d8	8.063	136	229573	20.000	ng	#-0.01
39) Acenaphthene-d10	9.816	164	111484	20.000	ng	-0.02
64) Phenanthrene-d10	11.298	188	199141	20.000	ng	-0.02
76) Chrysene-d12	13.945	240	159396	20.000	ng	-0.02
86) Perylene-d12	15.386	264	122771	20.000	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.404	112	196007	45.787	ng	0.00
7) Phenol-d6	6.422	99	227594	42.065	ng	-0.02
23) Nitrobenzene-d5	7.345	82	142162	32.299	ng	-0.02
42) 2,4,6-Tribromophenol	10.604	330	50921	45.469	ng	-0.02
45) 2-Fluorobiphenyl	9.133	172	252550	34.901	ng	-0.02
79) Terphenyl-d14	12.880	244	318742	33.758	ng	-0.02
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.487	88	42007	24.381	ng	97
3) Pyridine	3.222	79	86998	21.219	ng	97
4) n-Nitrosodimethylamine	3.163	42	55372	20.397	ng	91
6) Aniline	6.445	93	60204	11.862	ng	# 75
8) 2-Chlorophenol	6.569	128	101106	21.858	ng	99
9) Benzaldehyde	6.334	77	43537	15.142	ng	# 87
10) Phenol	6.439	94	118934	21.120	ng	90
11) bis(2-Chloroethyl)ether	6.516	93	93561	22.120	ng	99
12) 1,3-Dichlorobenzene	6.722	146	111890	22.913	ng	96
13) 1,4-Dichlorobenzene	6.798	146	113181	22.685	ng	98
14) 1,2-Dichlorobenzene	6.951	146	104470	22.560	ng	99
15) Benzyl Alcohol	6.928	79	79731	19.216	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.057	45	148834	20.556	ng	72
17) 2-Methylphenol	7.045	107	74711	20.640	ng	96
18) Hexachloroethane	7.292	117	44208	23.942	ng	96
19) n-Nitroso-di-n-propyla...	7.186	70	68076	21.034	ng	99
20) 3+4-Methylphenols	7.204	107	96687	21.018	ng	# 68
22) Acetophenone	7.186	105	167717	29.369	ng	# 90
24) Nitrobenzene	7.363	77	96558	22.497	ng	98
25) Isophorone	7.598	82	176109	25.094	ng	# 98
26) 2-Nitrophenol	7.681	139	46100	21.589	ng	96
27) 2,4-Dimethylphenol	7.728	122	71825	28.793	ng	97
28) bis(2-Chloroethoxy)met...	7.810	93	106944	23.781	ng	98
29) 2,4-Dichlorophenol	7.939	162	72415	21.485	ng	98
30) 1,2,4-Trichlorobenzene	8.004	180	82258	22.412	ng	98
31) Naphthalene	8.086	128	285059	23.854	ng	99
32) Benzoic acid	7.828	122	33197	12.812	ng	# 44
33) 4-Chloroaniline	8.145	127	41551	9.959	ng	98
34) Hexachlorobutadiene	8.198	225	51724	23.474	ng	98
35) Caprolactam	8.486	113	27245	26.549	ng	# 83
36) 4-Chloro-3-methylphenol	8.633	107	73116	19.584	ng	98
37) 2-Methylnaphthalene	8.775	142	174308	22.415	ng	99
38) 1-Methylnaphthalene	8.875	142	163334	21.686	ng	97
40) 1,2,4,5-Tetrachloroben...	8.939	216	84119	26.080	ng	99
41) Hexachlorocyclopentadiene	8.928	237	4168	3.885	ng	97
43) 2,4,6-Trichlorophenol	9.057	196	47922	22.989	ng	98

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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	9.116	196	47345	20.956	ng	93
46) 1,1'-Biphenyl	9.239	154	236796	27.397	ng	99
47) 2-Chloronaphthalene	9.263	162	150814	23.597	ng	98
48) 2-Nitroaniline	9.363	65	49343	23.004	ng	97
49) Acenaphthylene	9.675	152	257123	27.047	ng	99
50) Dimethylphthalate	9.533	163	175493	23.188	ng	99
51) 2,6-Dinitrotoluene	9.604	165	35216	21.285	ng	96
52) Acenaphthene	9.845	154	142134	22.240	ng	98
53) 3-Nitroaniline	9.775	138	32432	18.213	ng	97
54) 2,4-Dinitrophenol	9.904	184	3539	3.599	ng	# 80
55) Dibenzofuran	10.022	168	211215	22.515	ng	100
56) 4-Nitrophenol	9.963	139	48067	36.362	ng	96
57) 2,4-Dinitrotoluene	10.010	165	47892	21.744	ng	# 100
58) Fluorene	10.363	166	174060	23.997	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.145	232	40484	20.814	ng	# 99
60) Diethylphthalate	10.233	149	167259	22.462	ng	98
61) 4-Chlorophenyl-phenyle...	10.357	204	82027	23.507	ng	97
62) 4-Nitroaniline	10.386	138	38425	21.251	ng	97
63) Azobenzene	10.516	77	169070	22.839	ng	91
65) 4,6-Dinitro-2-methylph...	10.422	198	4228	3.056	ng	# 33
66) n-Nitrosodiphenylamine	10.475	169	147944	23.208	ng	98
67) 4-Bromophenyl-phenylether	10.845	248	49243	22.125	ng	97
68) Hexachlorobenzene	10.910	284	52202	22.777	ng	96
69) Atrazine	10.998	200	57620	30.129	ng	98
70) Pentachlorophenol	11.116	266	52303	35.691	ng	98
71) Phenanthrene	11.327	178	345172	31.489	ng	99
72) Anthracene	11.374	178	288590	26.190	ng	100
73) Carbazole	11.533	167	238641	24.069	ng	99
74) Di-n-butylphthalate	11.863	149	283467	24.760	ng	99
75) Fluoranthene	12.516	202	539698	46.439	ng	100
77) Benzidine	12.639	184	69005	19.629	ng	98
78) Pyrene	12.745	202	592462	43.663	ng	99
80) Butylbenzylphthalate	13.357	149	127881	27.209	ng	100
81) Benzo(a)anthracene	13.933	228	402436	37.981	ng	98
82) 3,3'-Dichlorobenzidine	13.898	252	67758	22.324	ng	99
83) Chrysene	13.968	228	339166	34.667	ng	98
84) Bis(2-ethylhexyl)phtha...	13.915	149	171907	32.431	ng	100
85) Di-n-octyl phthalate	14.527	149	260292	34.421	ng	99
87) Indeno(1,2,3-cd)pyrene	16.827	276	213437	28.136	ng	98
88) Benzo(b)fluoranthene	14.968	252	318634	38.653	ng	# 98
89) Benzo(k)fluoranthene	14.968	252	318634	45.266	ng	99
90) Benzo(a)pyrene	15.327	252	241145	36.152	ng	# 97
91) Dibenzo(a,h)anthracene	16.833	278	144008	23.428	ng	98
92) Benzo(g,h,i)perylene	17.256	276	171613	26.680	ng	99

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

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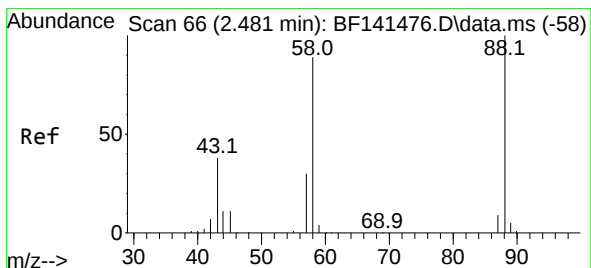
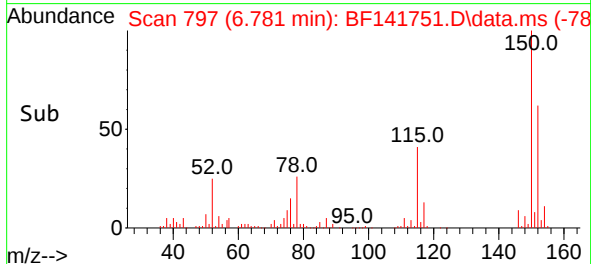
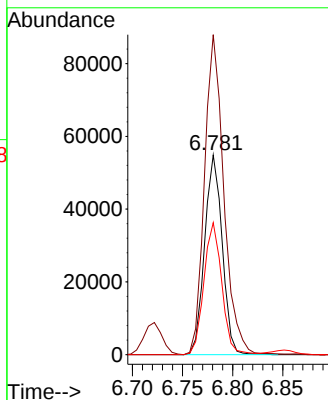
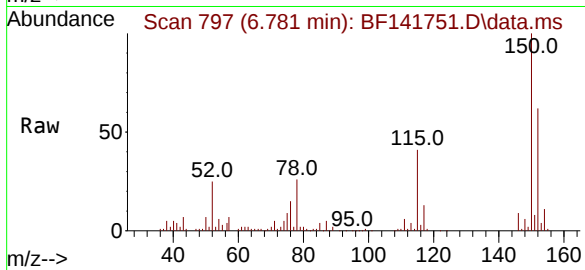




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.781 min Scan# 79
 Delta R.T. -0.011 min
 Lab File: BF141751.D
 Acq: 24 Feb 2025 18:37

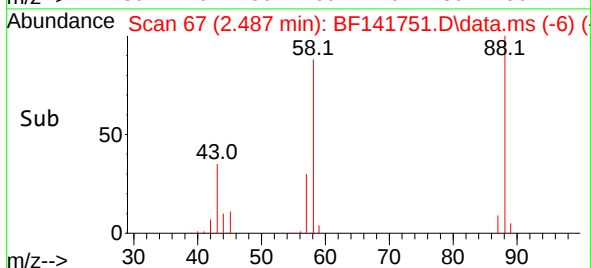
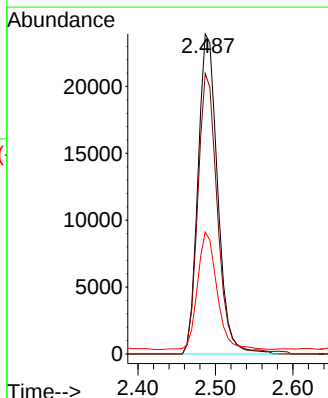
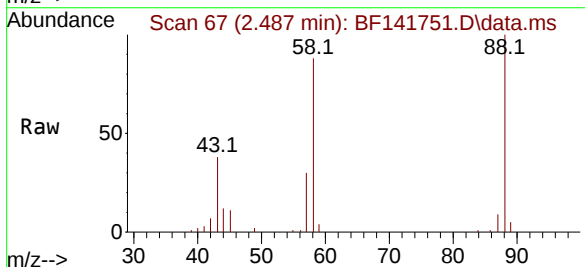
Instrument :
 BNA_F
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 BU-2-022125MS

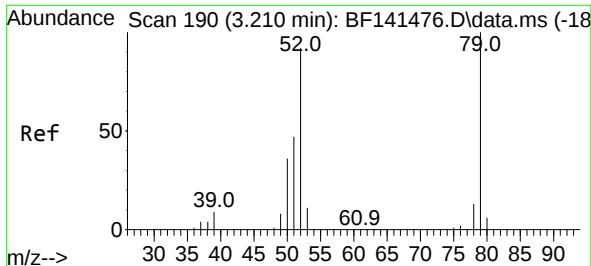
Tgt Ion:152 Resp: 67112
 Ion Ratio Lower Upper
 152 100
 150 160.2 125.0 187.4
 115 66.1 53.6 80.4



#2
 1,4-Dioxane
 Concen: 24.381 ng
 RT: 2.487 min Scan# 67
 Delta R.T. 0.006 min
 Lab File: BF141751.D
 Acq: 24 Feb 2025 18:37

Tgt Ion: 88 Resp: 42007
 Ion Ratio Lower Upper
 88 100
 58 86.7 71.1 106.7
 43 36.4 30.6 46.0

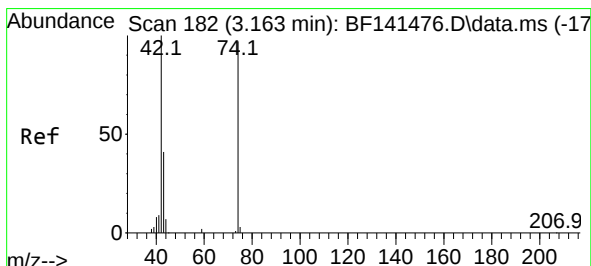
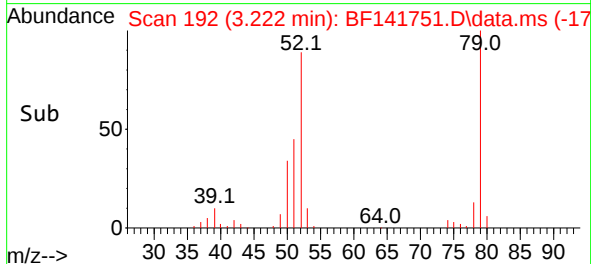
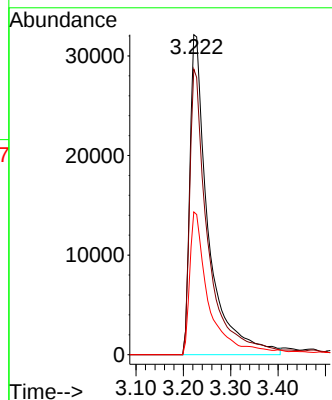
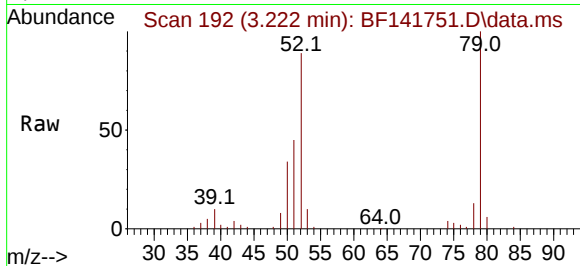




#3
Pyridine
Concen: 21.219 ng
RT: 3.222 min Scan# 190
Delta R.T. 0.006 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

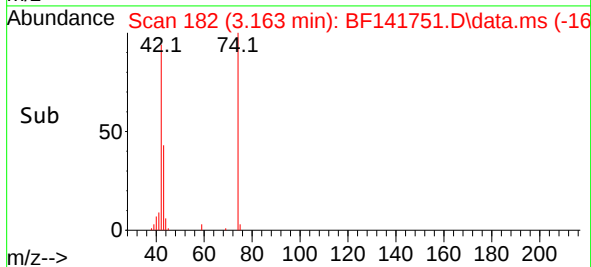
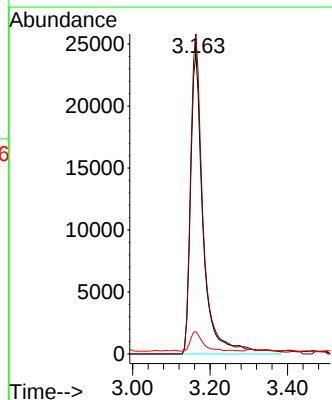
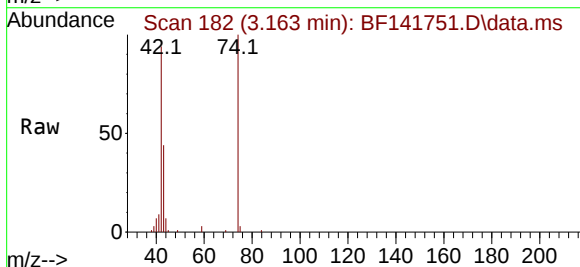
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Tgt Ion: 79 Resp: 86998
Ion Ratio Lower Upper
79 100
52 89.3 73.7 110.5
51 44.6 37.5 56.3



#4
n-Nitrosodimethylamine
Concen: 20.397 ng
RT: 3.163 min Scan# 182
Delta R.T. -0.023 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion: 42 Resp: 55372
Ion Ratio Lower Upper
42 100
74 106.5 78.0 117.0
44 7.4 5.4 8.2

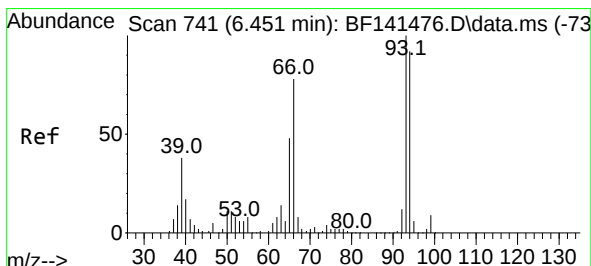
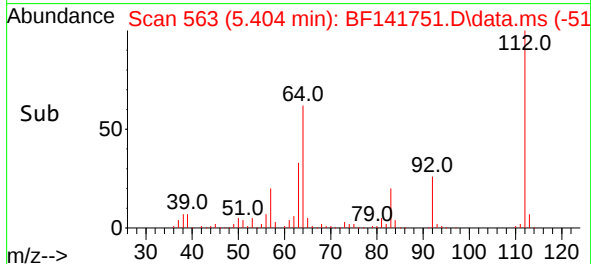
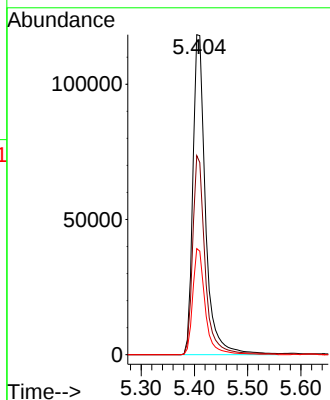
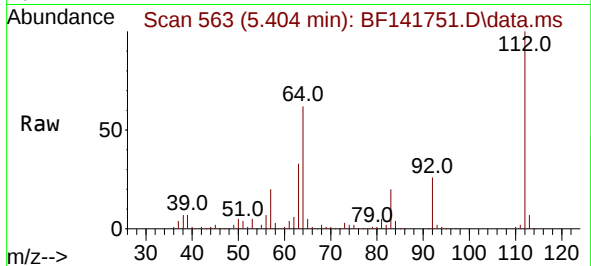




#5
2-Fluorophenol
Concen: 45.787 ng
RT: 5.404 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

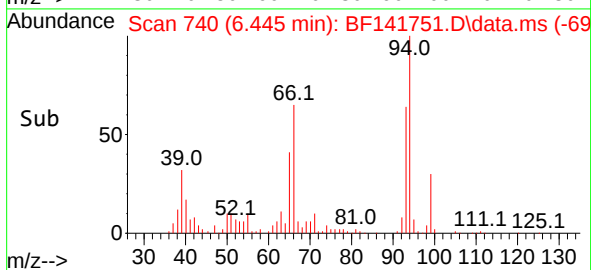
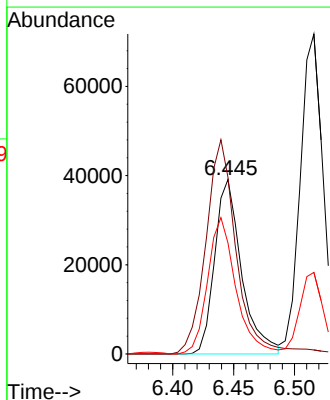
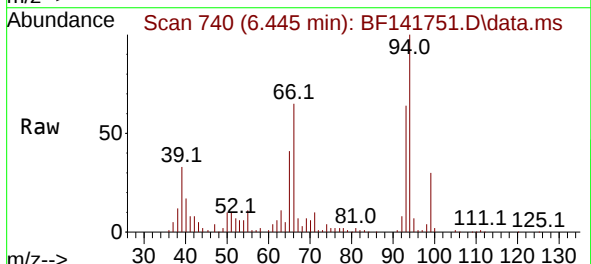
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Tgt Ion:112 Resp: 196007
Ion Ratio Lower Upper
112 100
64 62.2 51.1 76.7
63 33.2 28.4 42.6



#6
Aniline
Concen: 11.862 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion: 93 Resp: 60204
Ion Ratio Lower Upper
93 100
66 101.3 62.6 94.0#
65 63.7 38.3 57.5#

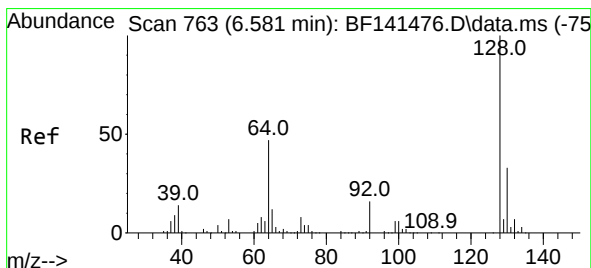
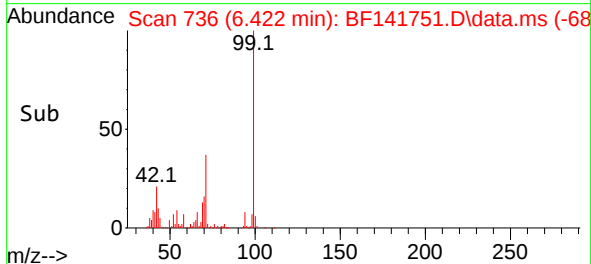
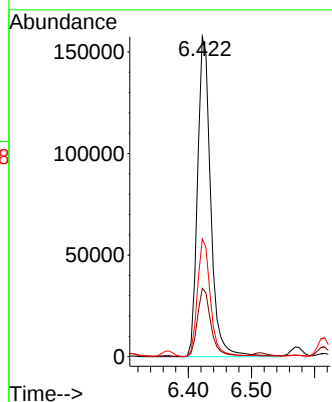
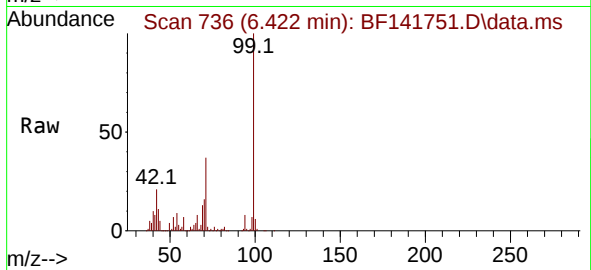




#7
Phenol-d6
Concen: 42.065 ng
RT: 6.422 min Scan# 713
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

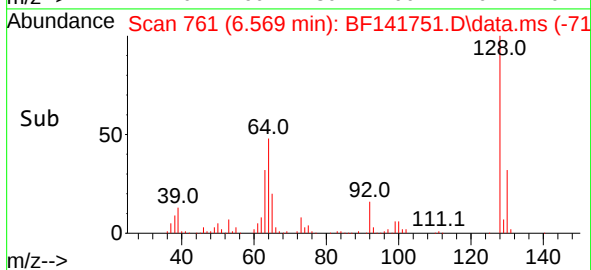
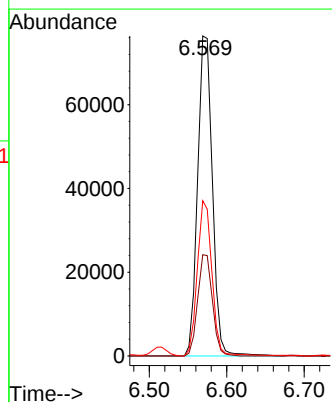
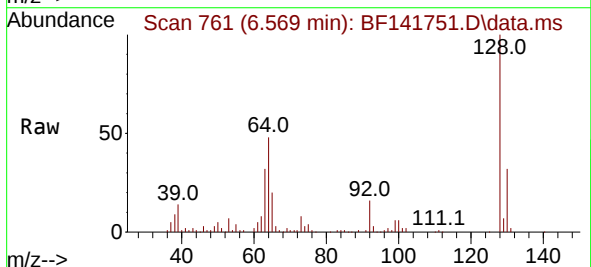
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

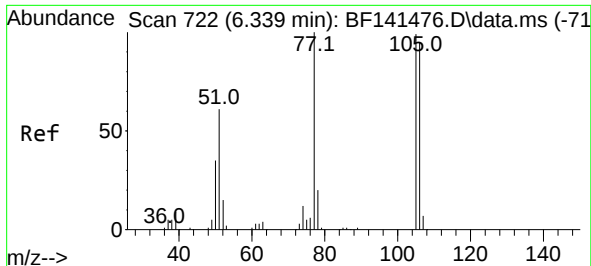
Tgt Ion: 99 Resp: 227594
Ion Ratio Lower Upper
99 100
42 21.4 19.1 28.7
71 36.8 31.1 46.7



#8
2-Chlorophenol
Concen: 21.858 ng
RT: 6.569 min Scan# 761
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion: 128 Resp: 101106
Ion Ratio Lower Upper
128 100
130 31.7 12.7 52.7
64 48.5 28.3 68.3





#9

Benzaldehyde

Concen: 15.142 ng

RT: 6.334 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

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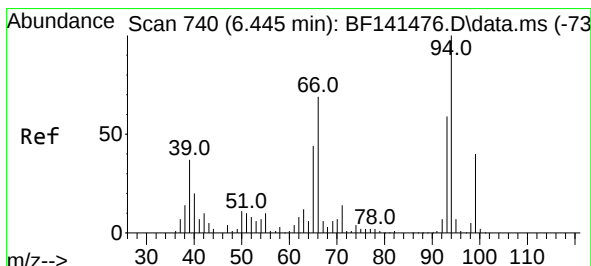
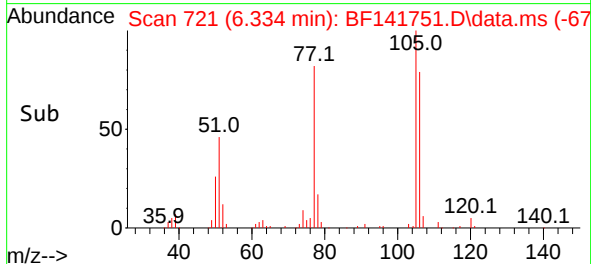
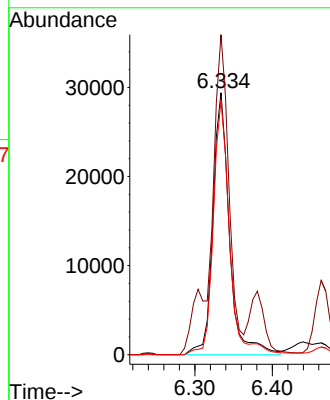
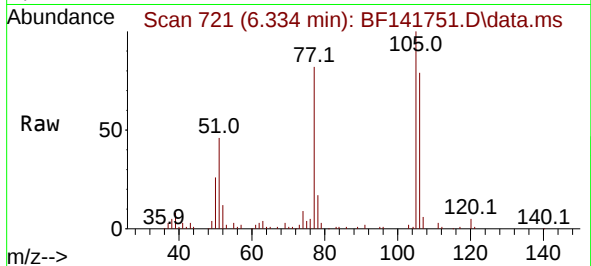
Tgt Ion: 77 Resp: 43537

Ion Ratio Lower Upper

77 100

105 122.2 79.4 119.4#

106 97.1 75.1 115.1



#10

Phenol

Concen: 21.120 ng

RT: 6.439 min Scan# 739

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

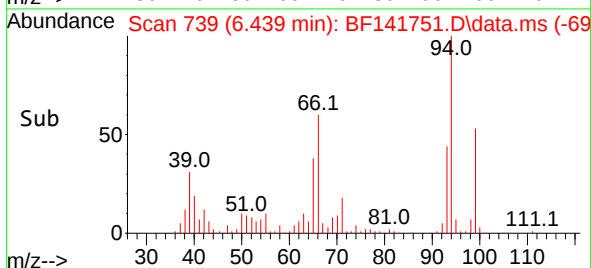
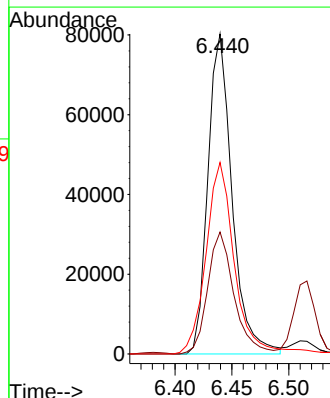
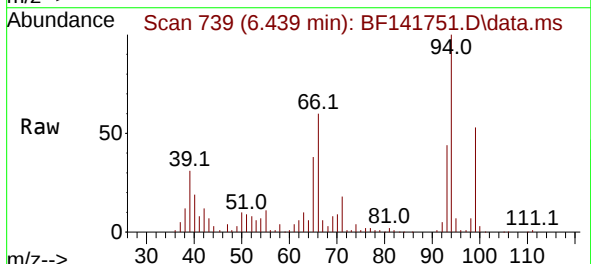
Tgt Ion: 94 Resp: 118934

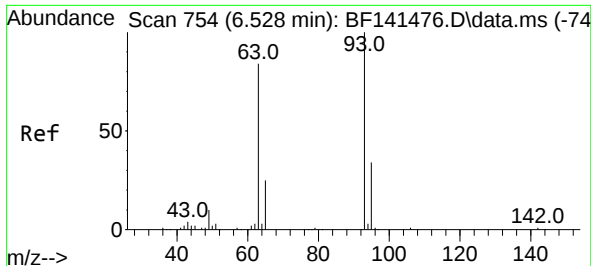
Ion Ratio Lower Upper

94 100

65 38.1 23.7 63.7

66 59.9 49.3 89.3

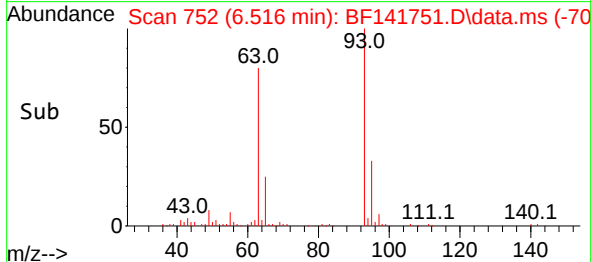
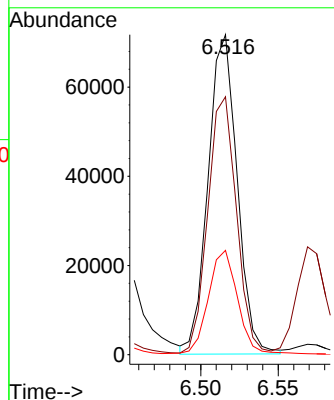
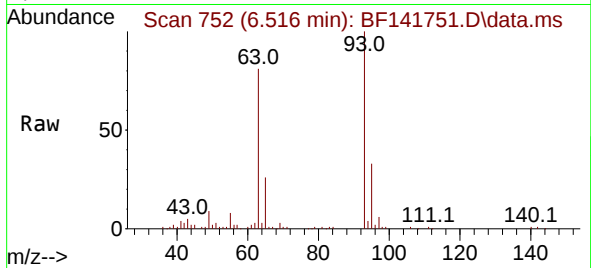




#11
bis(2-Chloroethyl)ether
Concen: 22.120 ng
RT: 6.516 min Scan# 711
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

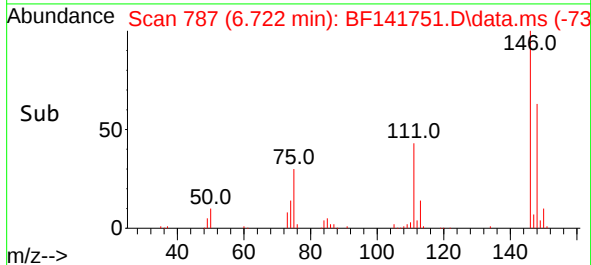
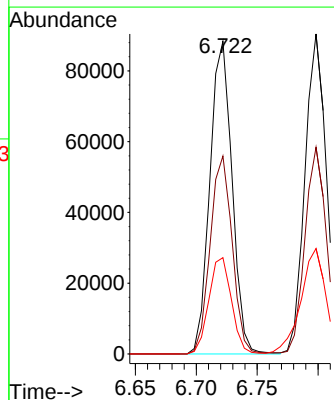
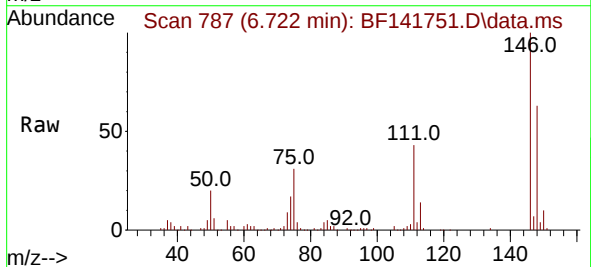
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Tgt Ion: 93	Resp: 93561
Ion Ratio	Lower Upper
93	100
63	80.6 62.0 102.0
95	32.6 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 22.913 ng
RT: 6.722 min Scan# 787
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion: 146	Resp: 111890
Ion Ratio	Lower Upper
146	100
148	63.3 51.9 77.9
75	30.8 28.2 42.2





#13

1,4-Dichlorobenzene

Concen: 22.685 ng

RT: 6.798 min Scan# 801

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

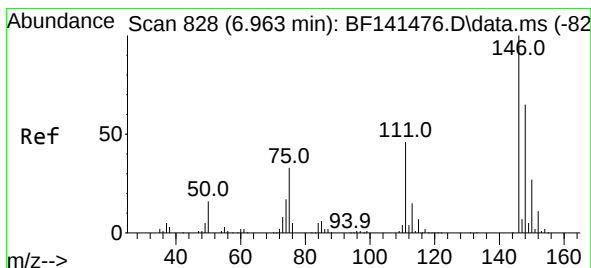
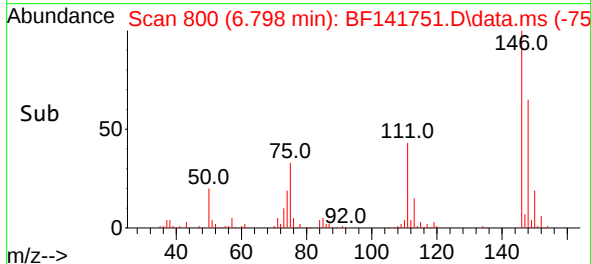
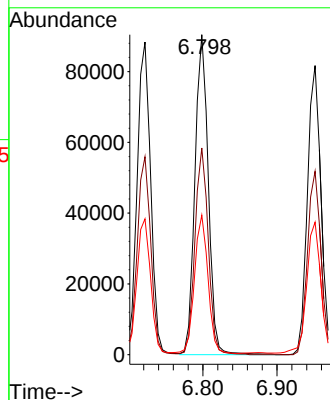
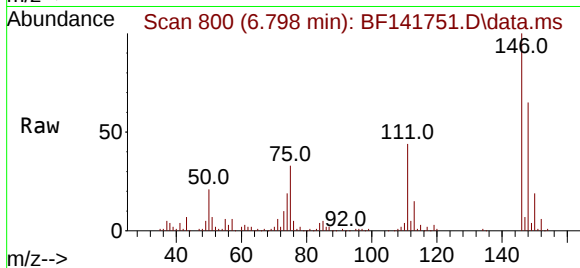
Tgt Ion:146 Resp: 113181

Ion Ratio Lower Upper

146 100

148 64.6 50.9 76.3

111 43.6 35.9 53.9



#14

1,2-Dichlorobenzene

Concen: 22.560 ng

RT: 6.951 min Scan# 826

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

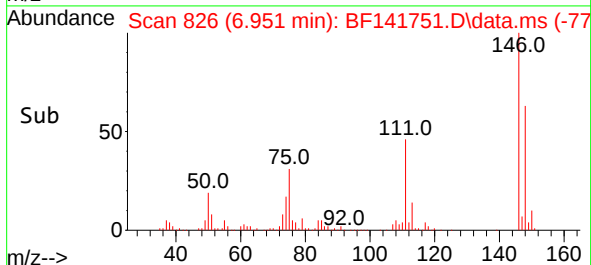
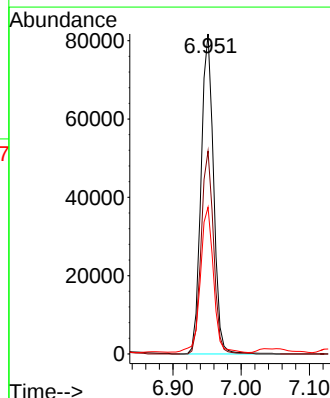
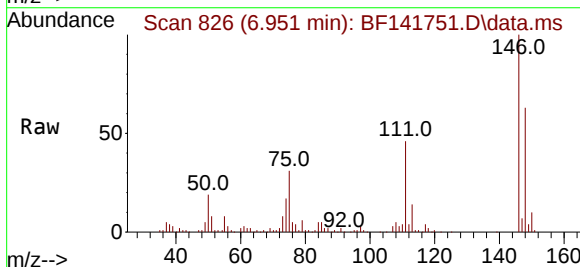
Tgt Ion:146 Resp: 104470

Ion Ratio Lower Upper

146 100

148 63.4 51.8 77.6

111 45.8 37.0 55.4

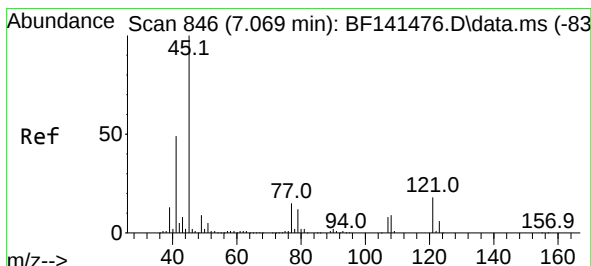
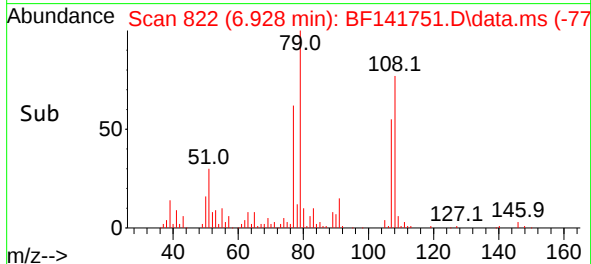
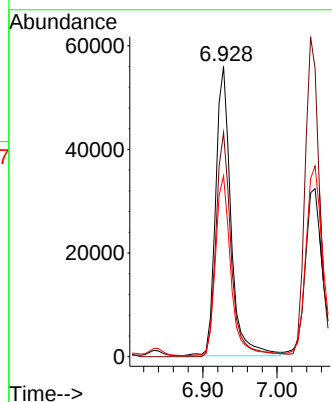
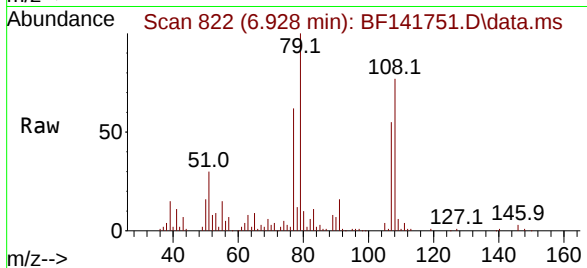




#15
Benzyl Alcohol
Concen: 19.216 ng
RT: 6.928 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

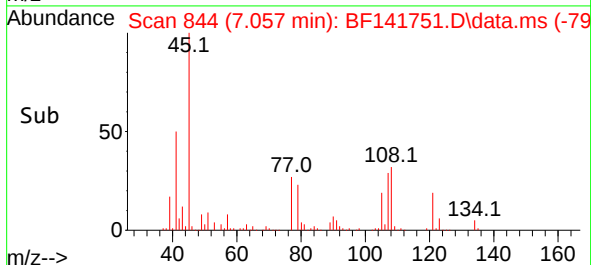
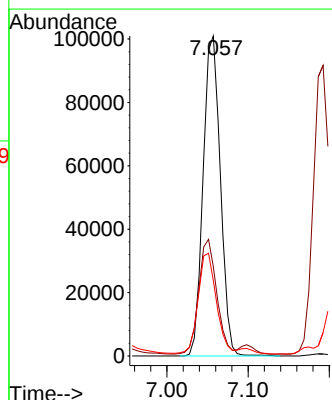
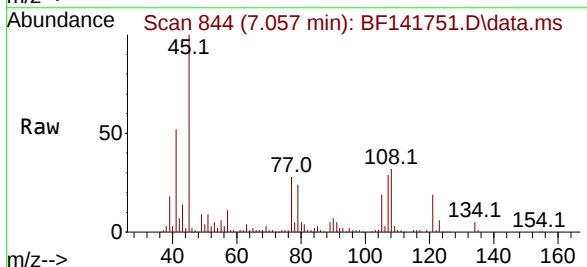
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

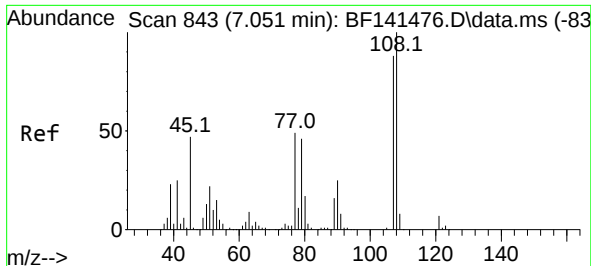
Tgt Ion: 79 Resp: 79731
Ion Ratio Lower Upper
79 100
108 77.1 57.4 86.2
77 62.3 50.9 76.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 20.556 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

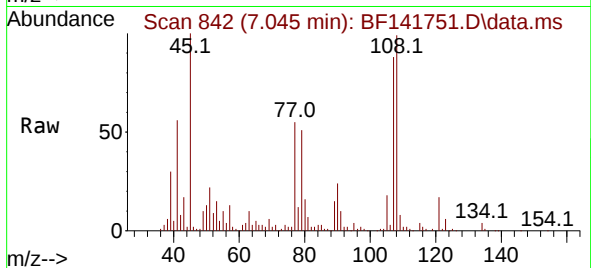
Tgt Ion: 45 Resp: 148834
Ion Ratio Lower Upper
45 100
77 27.9 0.0 35.8
79 23.6 0.0 32.7



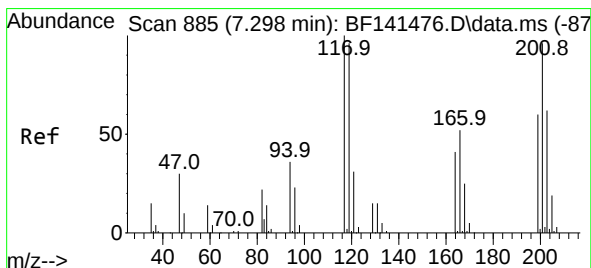
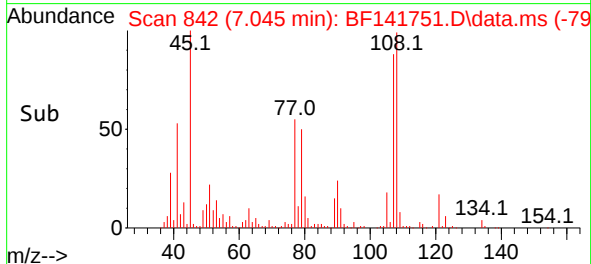
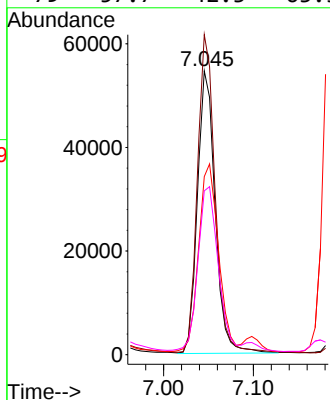


#17
2-Methylphenol
Concen: 20.640 ng
RT: 7.045 min Scan# 84
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

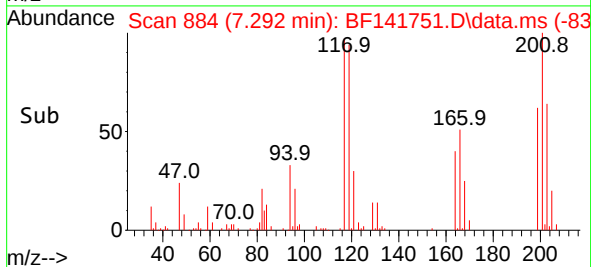
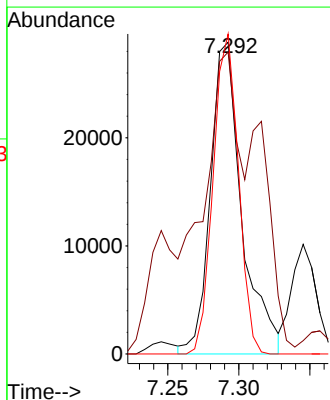
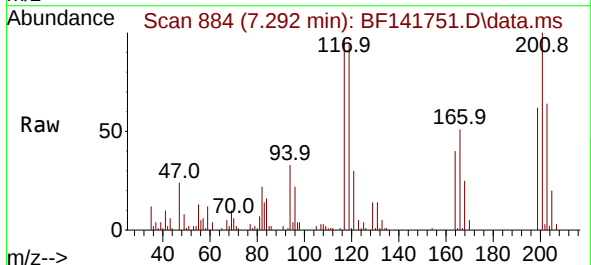


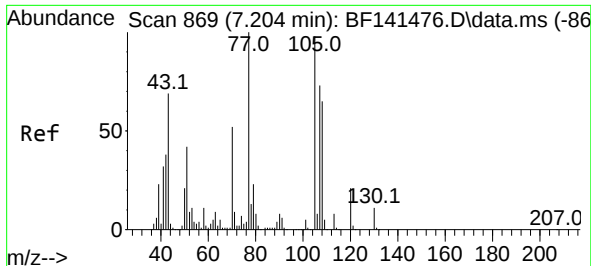
Tgt Ion:	107	Resp:	74711
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.6	136.0
77	62.7	44.4	66.6
79	57.7	42.3	63.5



#18
Hexachloroethane
Concen: 23.942 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:	117	Resp:	44208
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.5	114.7
201	102.6	76.7	115.1





#19

n-Nitroso-di-n-propylamine

Concen: 21.034 ng

RT: 7.186 min Scan# 8

Delta R.T. -0.029 min

Lab File: BF141751.D

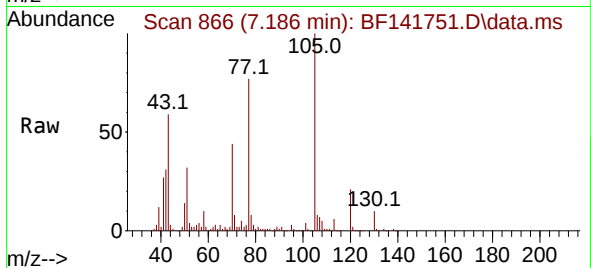
Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS



Tgt Ion: 70 Resp: 68076

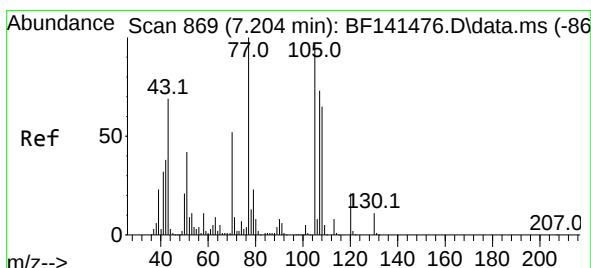
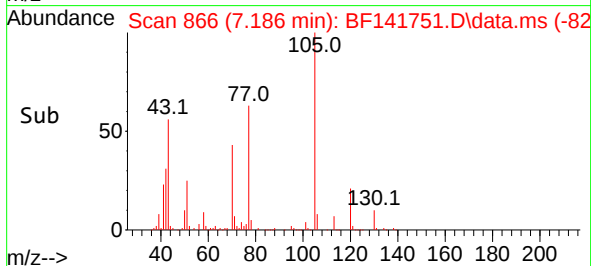
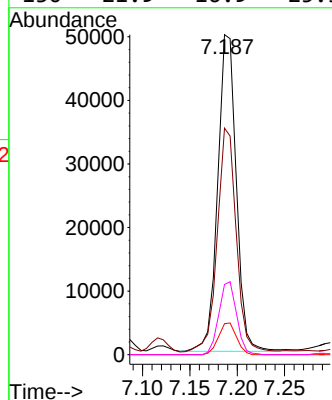
Ion Ratio Lower Upper

70 100

42 70.8 57.4 86.2

101 9.7 8.0 12.0

130 21.9 16.9 25.3



#20

3+4-Methylphenols

Concen: 21.018 ng

RT: 7.204 min Scan# 869

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Tgt Ion: 107 Resp: 96687

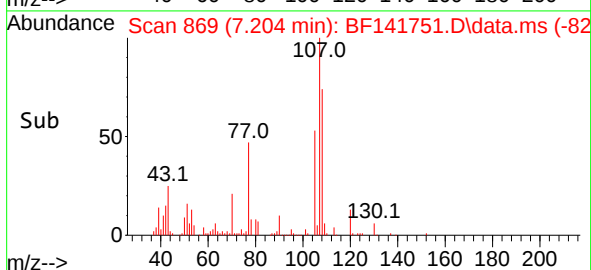
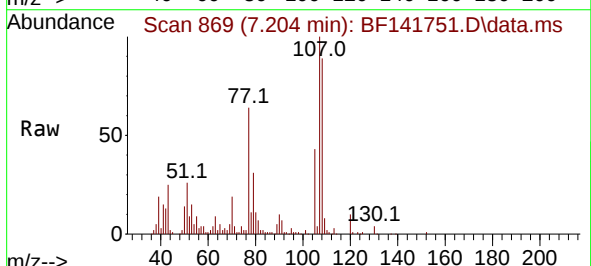
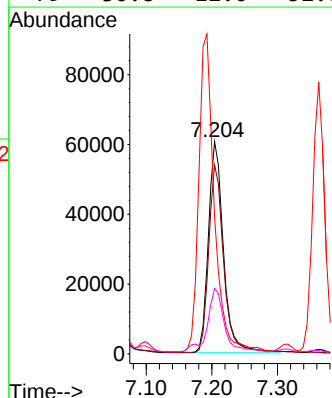
Ion Ratio Lower Upper

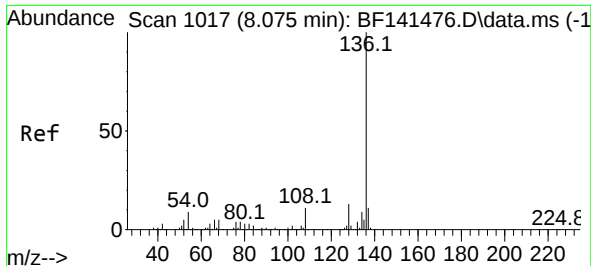
107 100

108 89.0 68.5 108.5

77 64.4 116.5 156.5

79 30.8 12.0 52.0

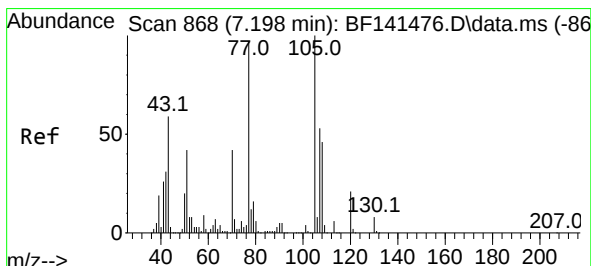
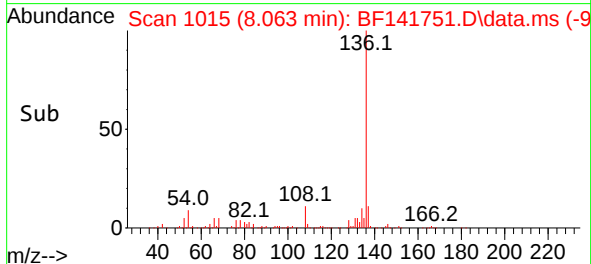
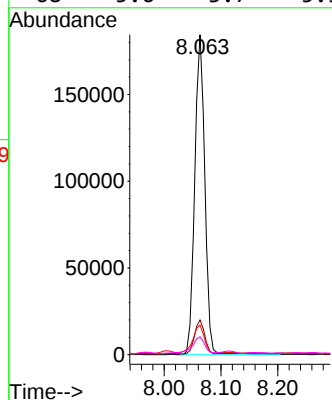
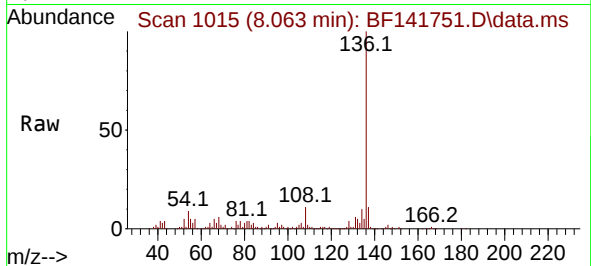




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

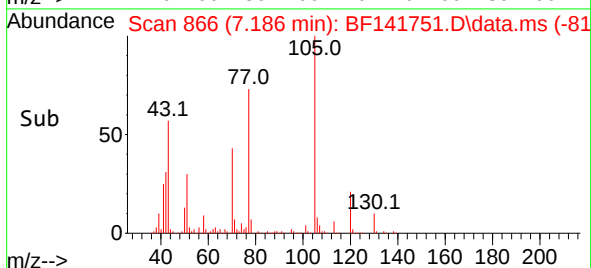
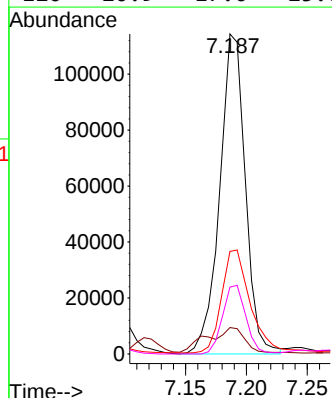
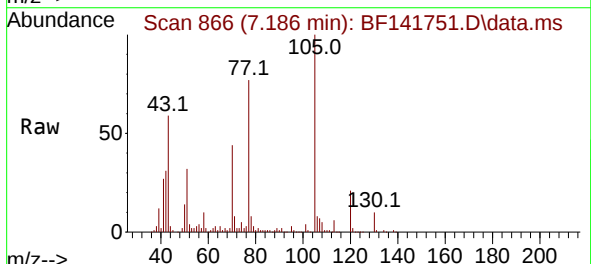
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

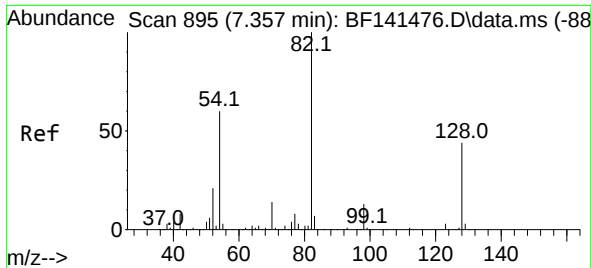
Tgt Ion:136 Resp: 229573
Ion Ratio Lower Upper
136 100
137 10.9 8.6 13.0
54 9.2 7.2 10.8
68 5.6 3.7 5.5#



#22
Acetophenone
Concen: 29.369 ng
RT: 7.186 min Scan# 866
Delta R.T. -0.023 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:105 Resp: 167717
Ion Ratio Lower Upper
105 100
71 8.3 5.7 8.5
51 32.0 33.7 50.5#
120 20.9 17.0 25.6





#23

Nitrobenzene-d5

Concen: 32.299 ng

RT: 7.345 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

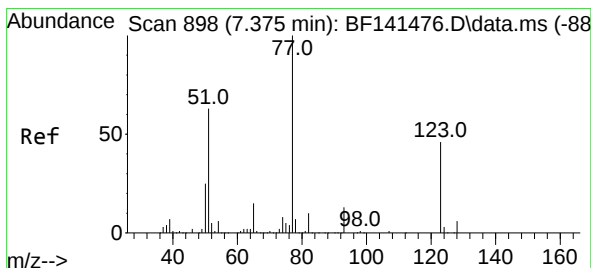
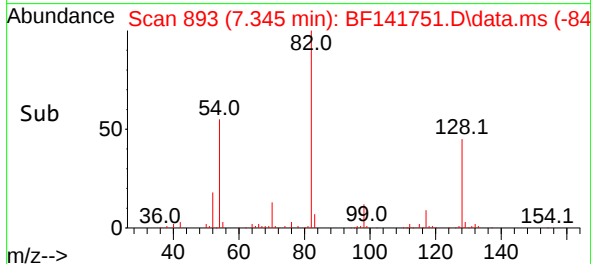
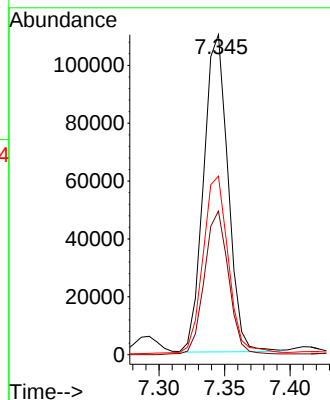
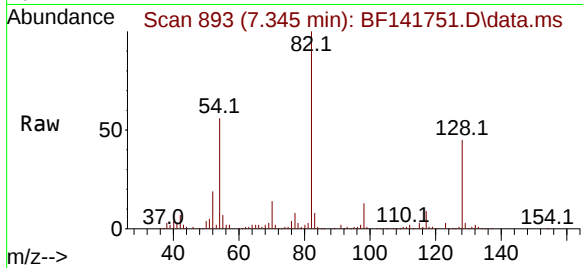
Tgt Ion: 82 Resp: 142162

Ion Ratio Lower Upper

82 100

128 44.9 34.8 52.2

54 55.8 48.2 72.4



#24

Nitrobenzene

Concen: 22.497 ng

RT: 7.363 min Scan# 896

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

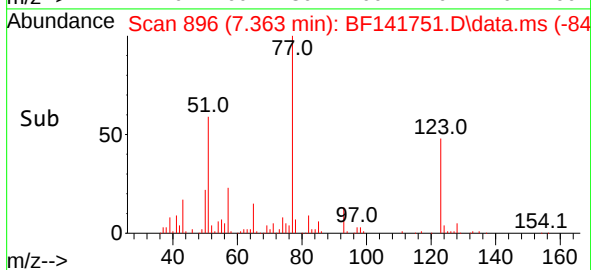
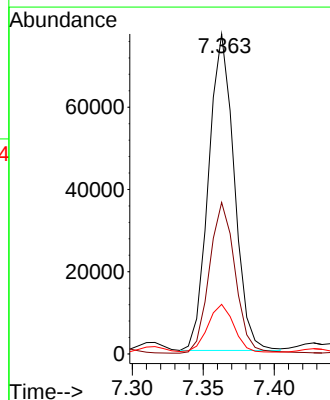
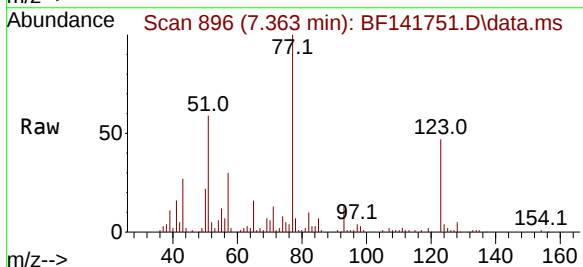
Tgt Ion: 77 Resp: 96558

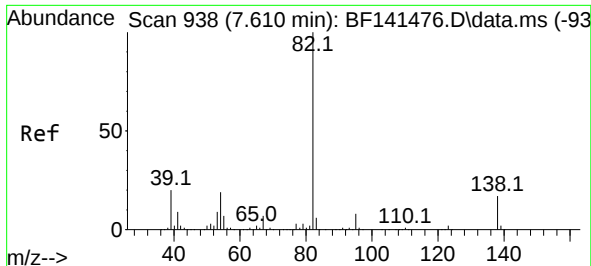
Ion Ratio Lower Upper

77 100

123 47.3 36.9 55.3

65 15.5 11.9 17.9

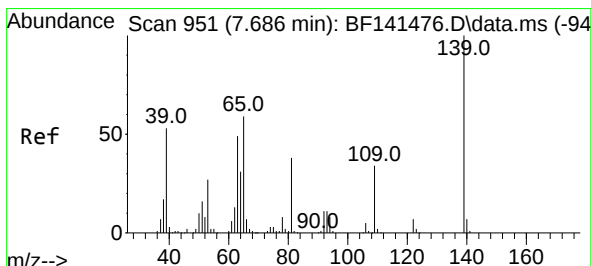
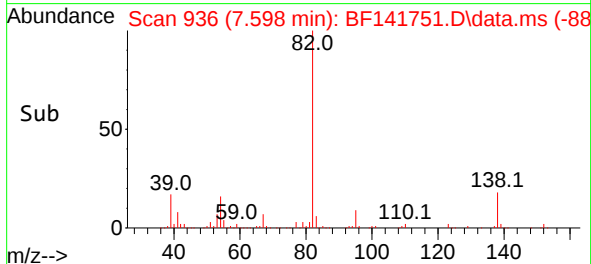
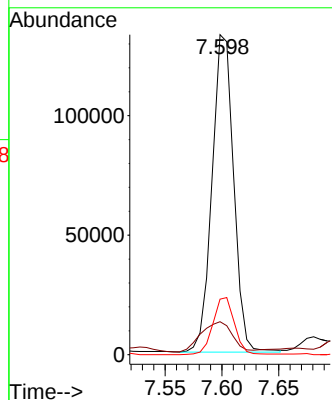
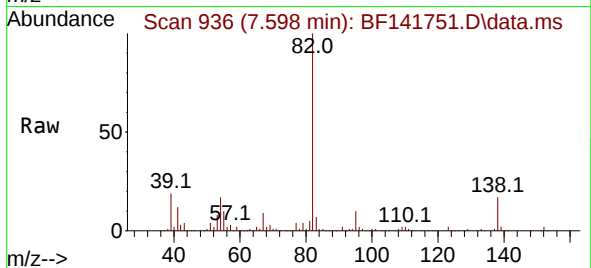




#25
Isophorone
Concen: 25.094 ng
RT: 7.598 min Scan# 91
Delta R.T. -0.023 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

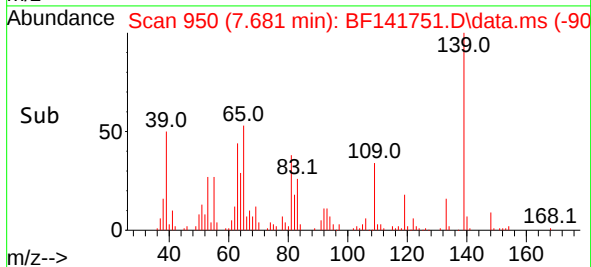
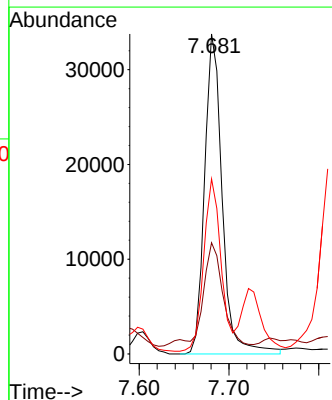
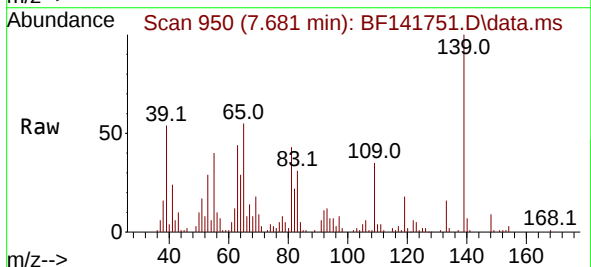
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

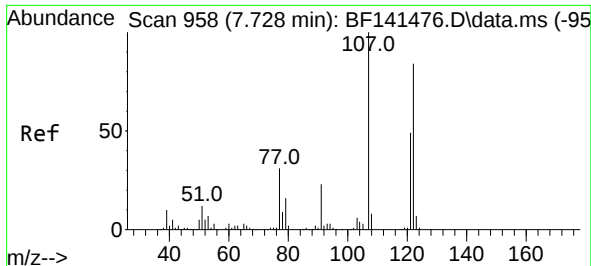
Tgt Ion: 82 Resp: 176109
Ion Ratio Lower Upper
82 100
95 10.3 6.4 9.6#
138 17.3 13.9 20.9



#26
2-Nitrophenol
Concen: 21.589 ng
RT: 7.681 min Scan# 950
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:139 Resp: 46100
Ion Ratio Lower Upper
139 100
109 34.8 27.0 40.6
65 54.7 47.1 70.7





#27

2,4-Dimethylphenol

Concen: 28.793 ng

RT: 7.728 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

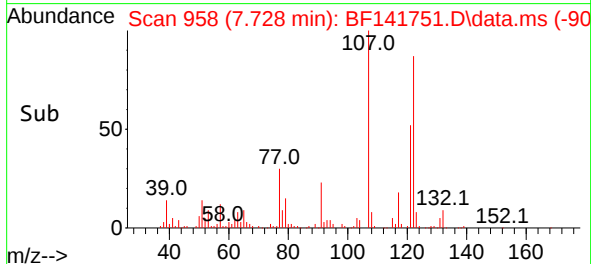
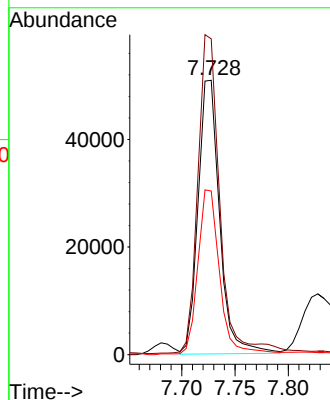
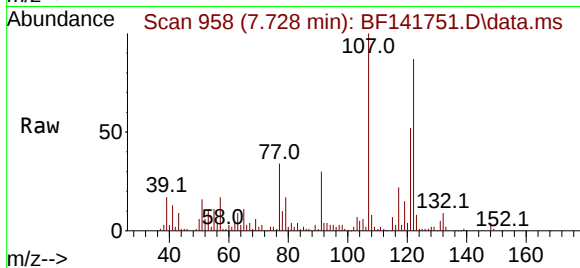
Tgt Ion:122 Resp: 71825

Ion Ratio Lower Upper

122 100

107 115.1 94.3 141.5

121 59.7 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 23.781 ng

RT: 7.810 min Scan# 972

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

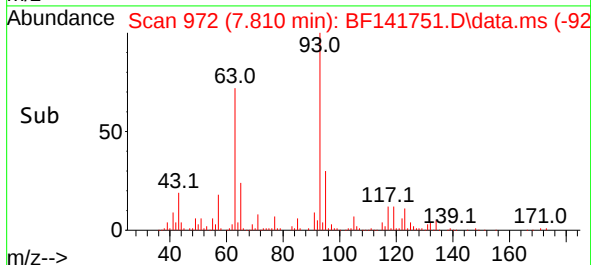
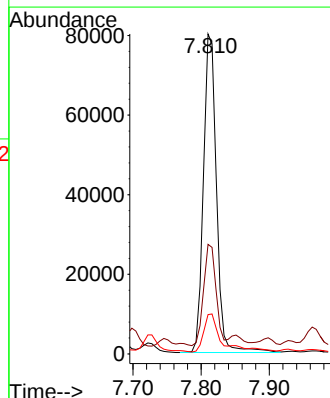
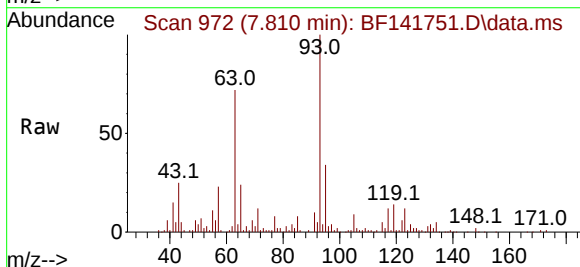
Tgt Ion: 93 Resp: 106944

Ion Ratio Lower Upper

93 100

95 34.3 26.1 39.1

123 12.3 9.5 14.3





#29

2,4-Dichlorophenol

Concen: 21.485 ng

RT: 7.939 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

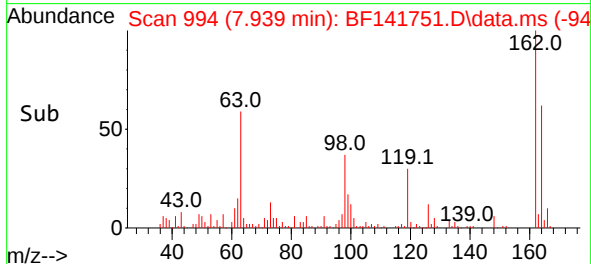
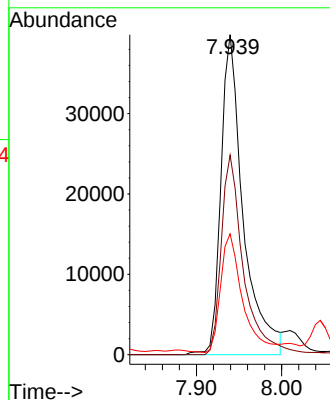
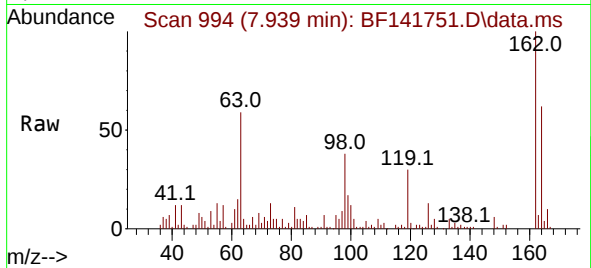
Tgt Ion:162 Resp: 72415

Ion Ratio Lower Upper

162 100

164 62.3 44.6 84.6

98 37.7 17.2 57.2



#30

1,2,4-Trichlorobenzene

Concen: 22.412 ng

RT: 8.004 min Scan# 1005

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

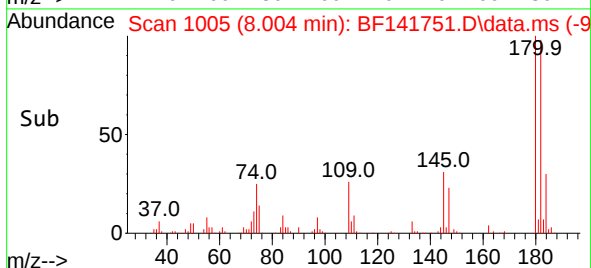
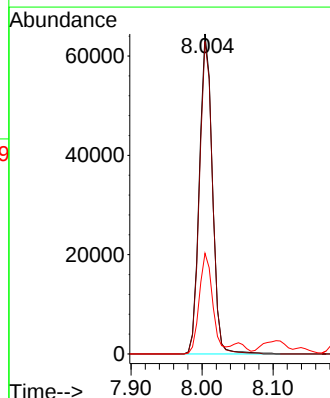
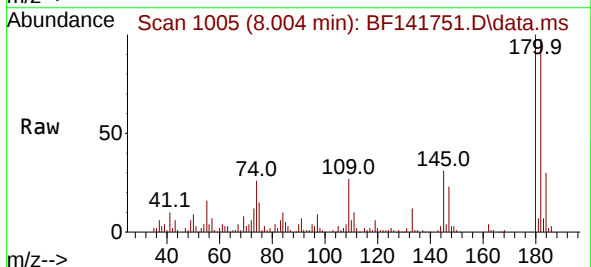
Tgt Ion:180 Resp: 82258

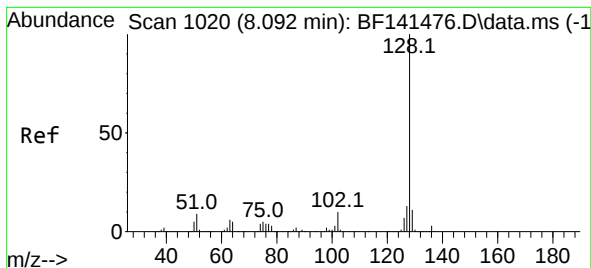
Ion Ratio Lower Upper

180 100

182 97.6 76.8 115.2

145 31.4 24.2 36.4





#31

Naphthalene

Concen: 23.854 ng

RT: 8.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

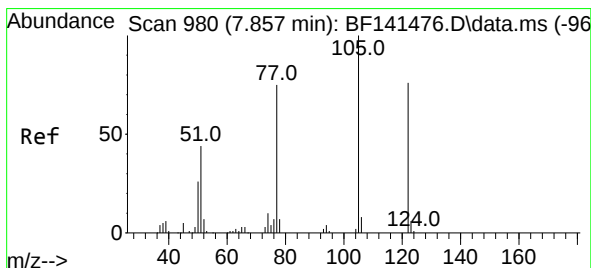
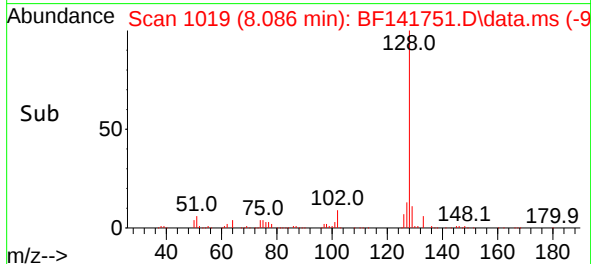
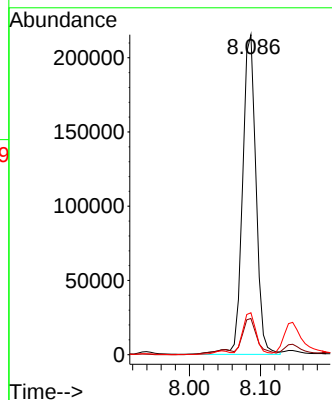
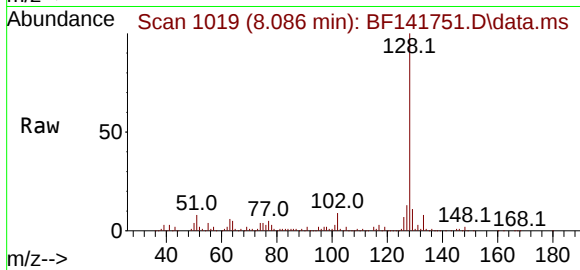
Tgt Ion:128 Resp: 285059

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.1 10.7 16.1



#32

Benzoic acid

Concen: 12.812 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.065 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

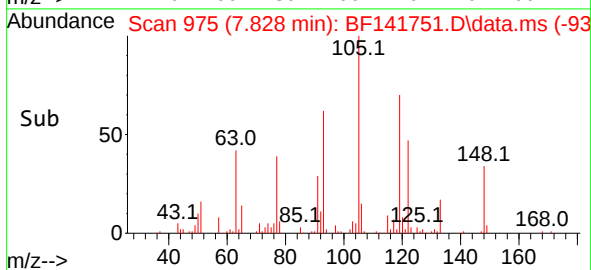
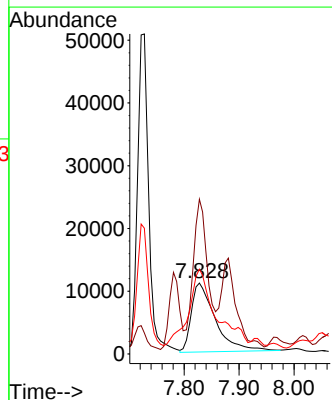
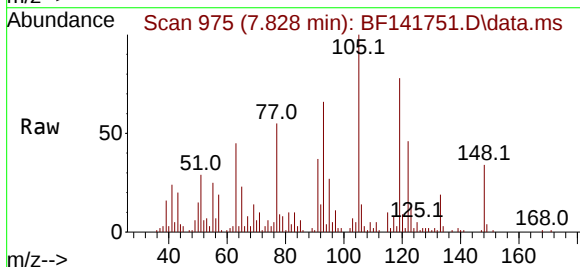
Tgt Ion:122 Resp: 33197

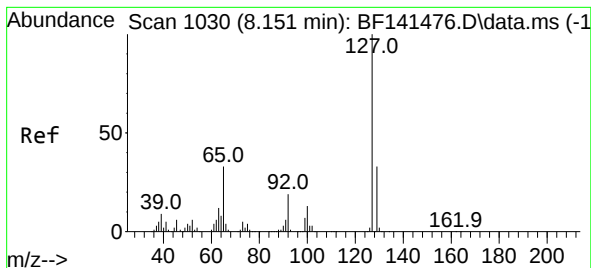
Ion Ratio Lower Upper

122 100

105 218.4 106.5 146.5#

77 119.7 76.3 116.3#





#33

4-Chloroaniline

Concen: 9.959 ng

RT: 8.145 min Scan# 1030

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

Tgt Ion:127 Resp: 41551

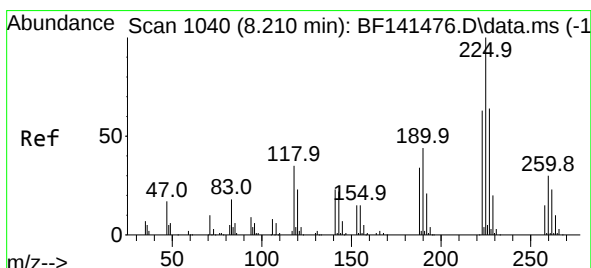
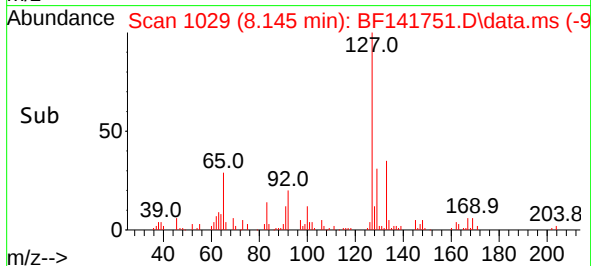
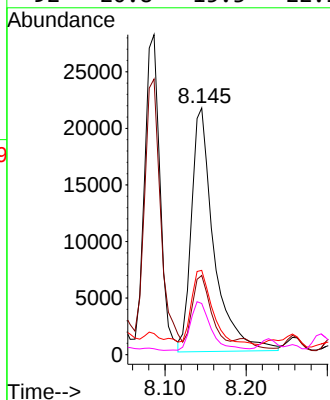
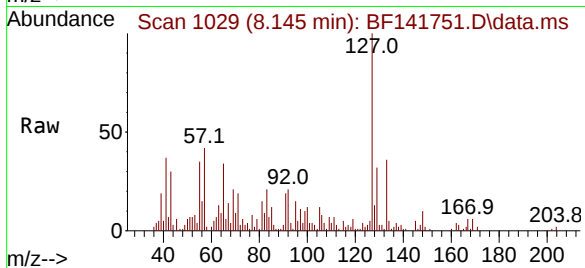
Ion Ratio Lower Upper

127 100

129 32.1 26.5 39.7

65 34.2 26.4 39.6

92 20.8 15.3 22.9



#34

Hexachlorobutadiene

Concen: 23.474 ng

RT: 8.198 min Scan# 1038

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

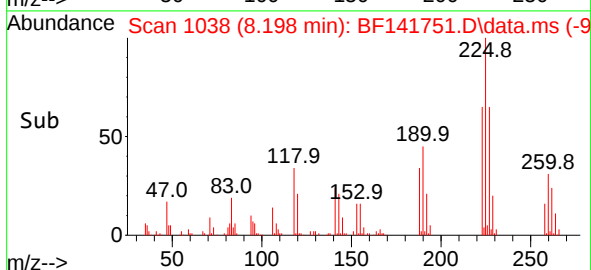
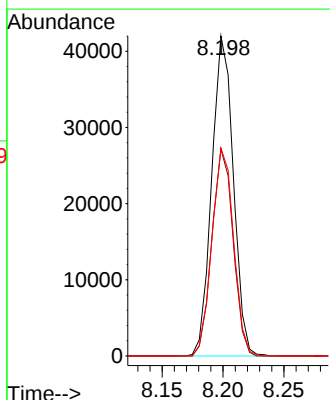
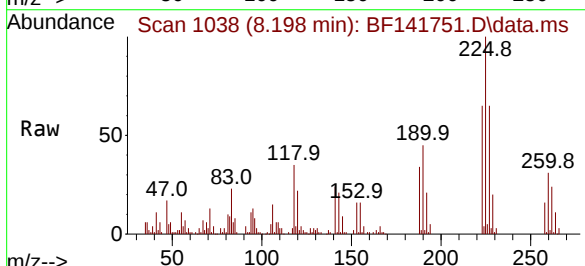
Tgt Ion:225 Resp: 51724

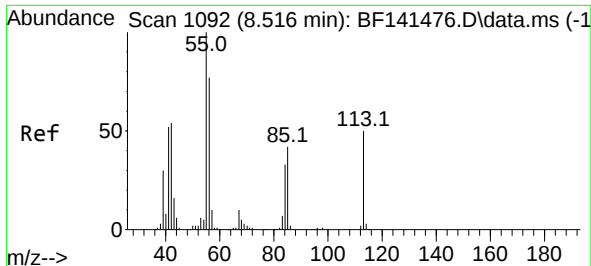
Ion Ratio Lower Upper

225 100

223 64.7 50.1 75.1

227 65.0 51.0 76.6

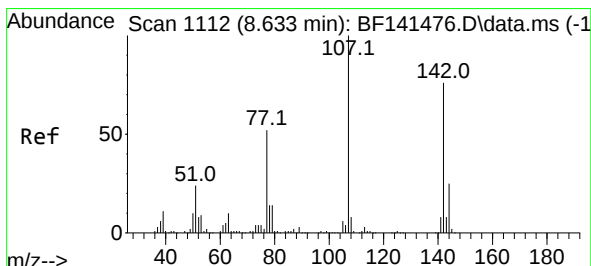
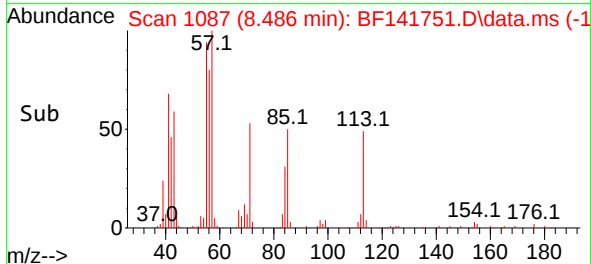
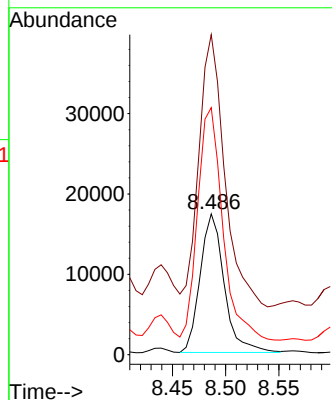
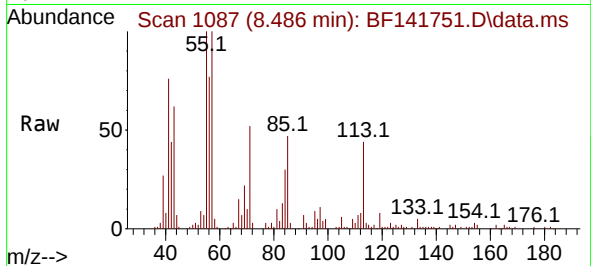




#35
 Caprolactam
 Concen: 26.549 ng
 RT: 8.486 min Scan# 1092
 Delta R.T. -0.059 min
 Lab File: BF141751.D
 Acq: 24 Feb 2025 18:37

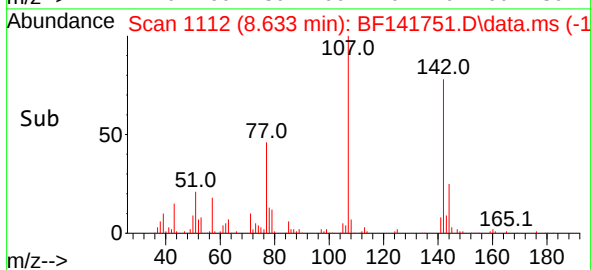
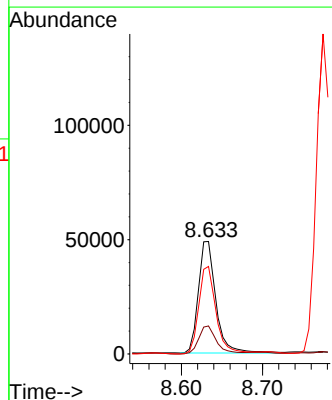
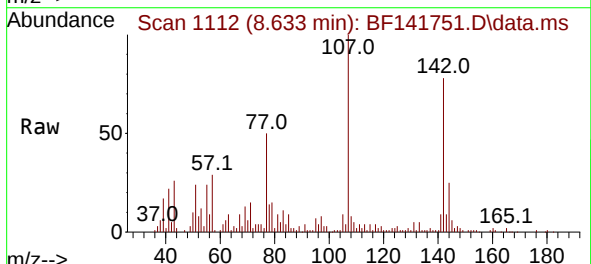
Instrument :
 BNA_F
 ClientSampleId :
 BU-2-022125MS

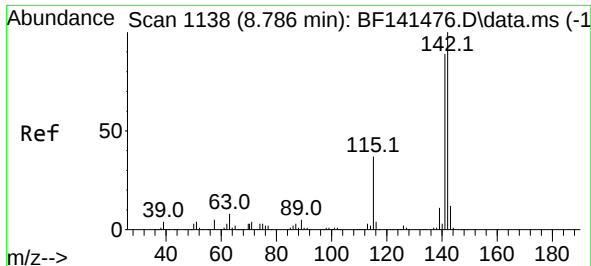
Tgt Ion:113 Resp: 27245
 Ion Ratio Lower Upper
 113 100
 55 227.3 180.8 220.8#
 56 175.5 133.6 173.6#



#36
 4-Chloro-3-methylphenol
 Concen: 19.584 ng
 RT: 8.633 min Scan# 1112
 Delta R.T. -0.006 min
 Lab File: BF141751.D
 Acq: 24 Feb 2025 18:37

Tgt Ion:107 Resp: 73116
 Ion Ratio Lower Upper
 107 100
 144 24.9 19.7 29.5
 142 77.9 60.8 91.2

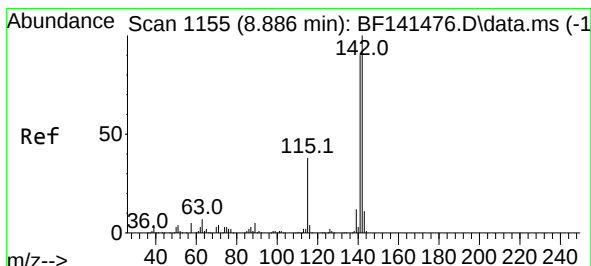
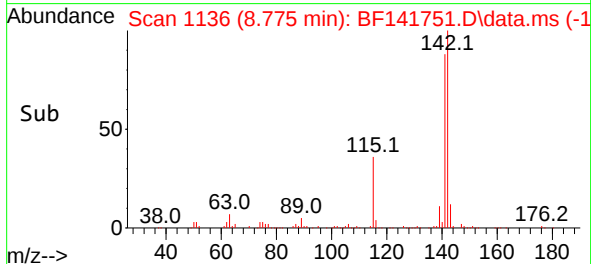
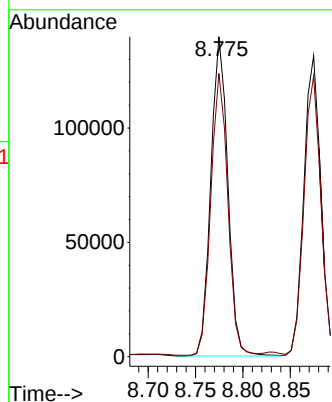
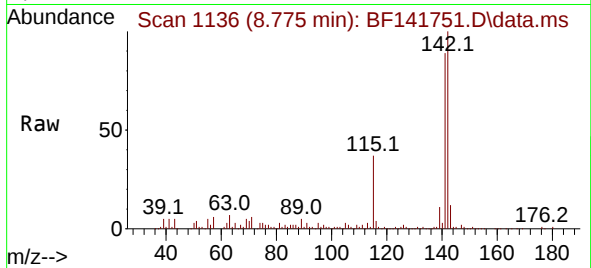




#37
2-Methylnaphthalene
Concen: 22.415 ng
RT: 8.775 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

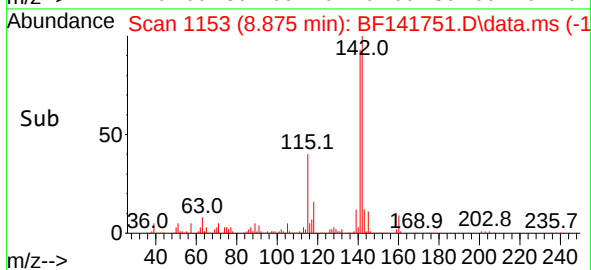
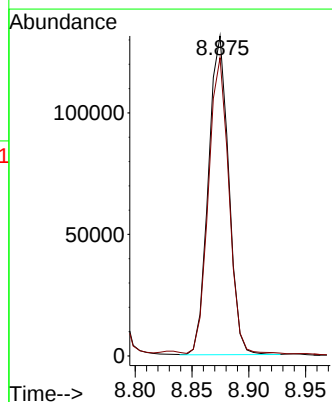
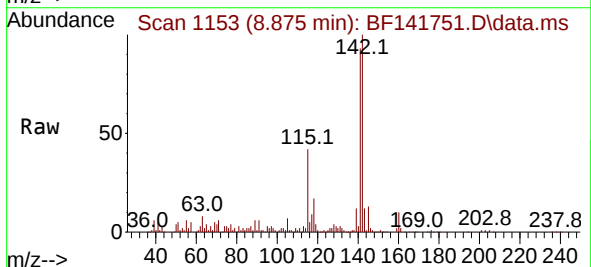
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

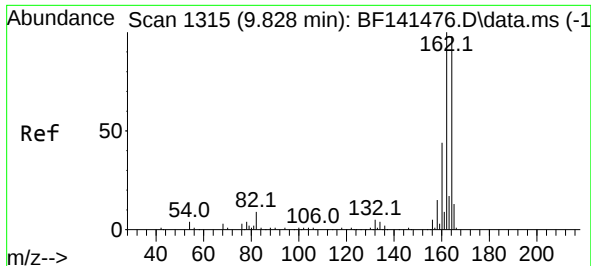
Tgt Ion:142 Resp: 174308
Ion Ratio Lower Upper
142 100
141 88.5 71.2 106.8



#38
1-Methylnaphthalene
Concen: 21.686 ng
RT: 8.875 min Scan# 1153
Delta R.T. -0.012 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:142 Resp: 163334
Ion Ratio Lower Upper
142 100
141 93.2 72.1 108.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.816 min Scan# 1114

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

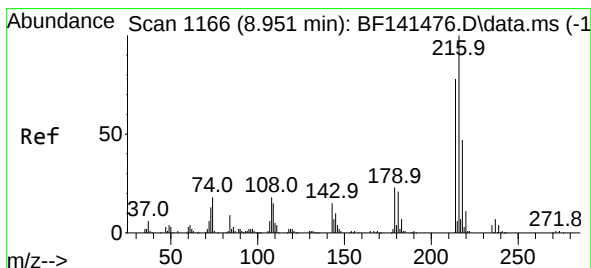
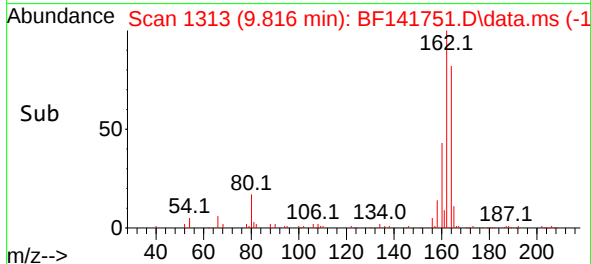
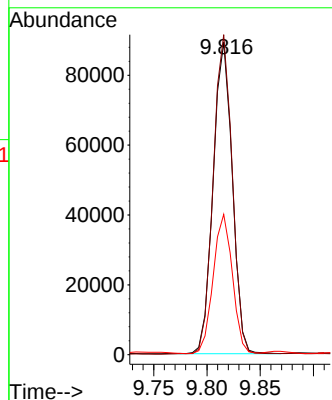
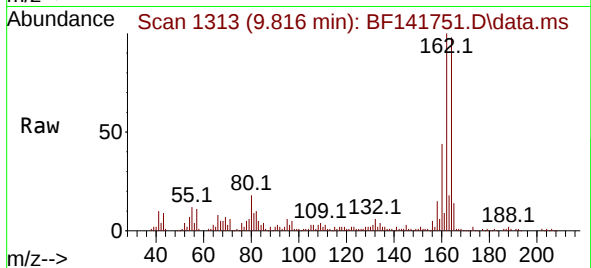
Tgt Ion:164 Resp: 111484

Ion Ratio Lower Upper

164 100

162 102.4 81.3 121.9

160 44.9 35.9 53.9



#40

1,2,4,5-Tetrachlorobenzene

Concen: 26.080 ng

RT: 8.939 min Scan# 1164

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Tgt Ion:216 Resp: 84119

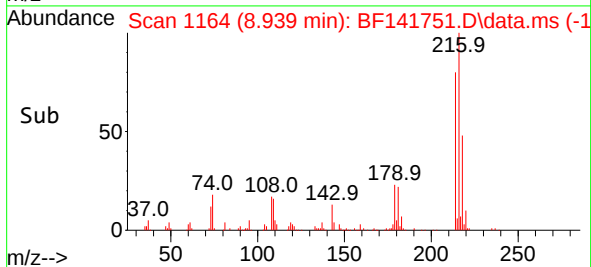
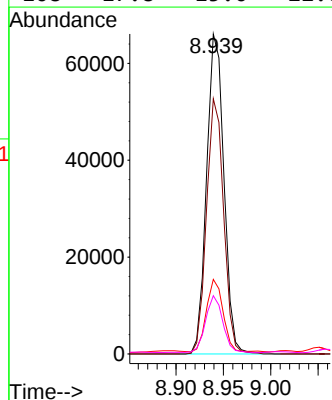
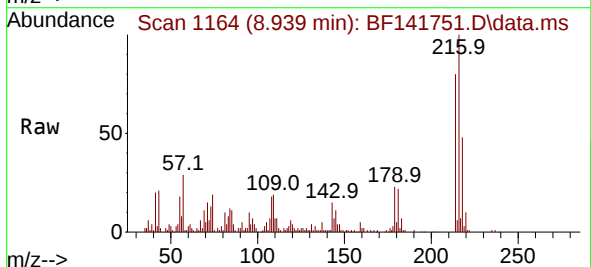
Ion Ratio Lower Upper

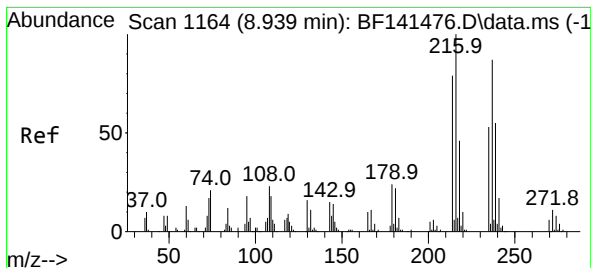
216 100

214 78.7 62.3 93.5

179 21.6 18.0 27.0

108 17.8 15.0 22.6





#41

Hexachlorocyclopentadiene

Concen: 3.885 ng

RT: 8.928 min Scan# 1162

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

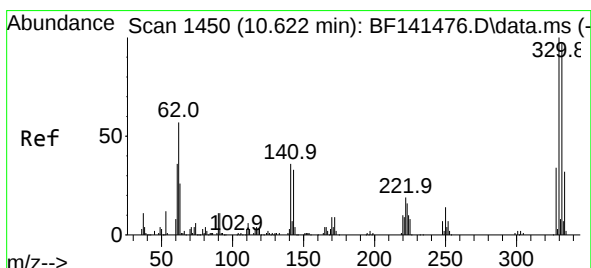
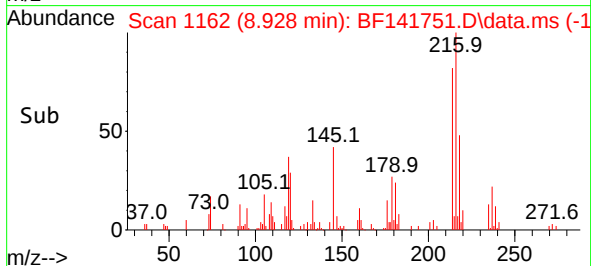
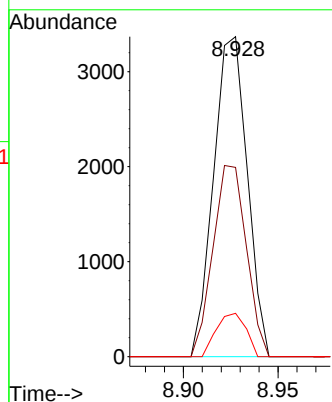
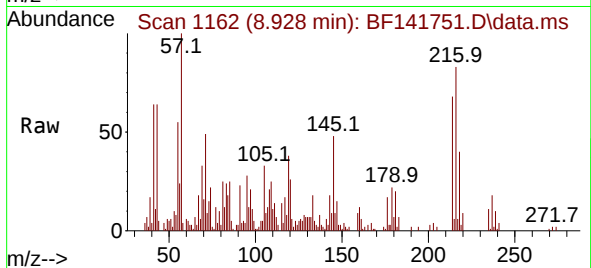
Tgt Ion:237 Resp: 4168

Ion Ratio Lower Upper

237 100

235 59.2 41.4 81.4

272 13.6 0.0 32.4



#42

2,4,6-Tribromophenol

Concen: 45.469 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.023 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

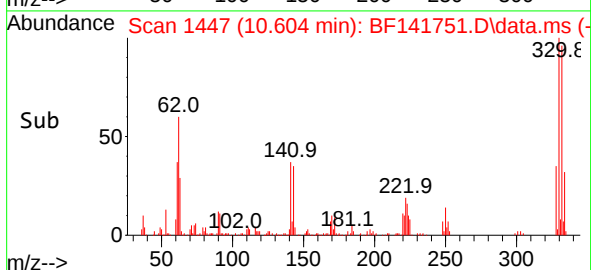
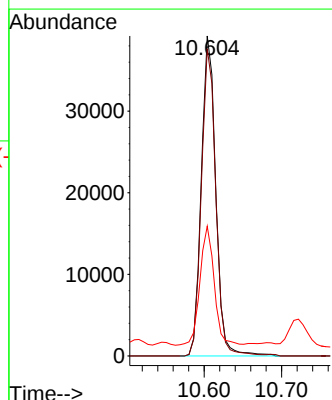
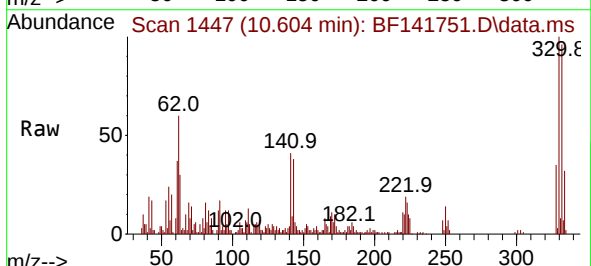
Tgt Ion:330 Resp: 50921

Ion Ratio Lower Upper

330 100

332 95.3 78.5 117.7

141 36.5 31.0 46.4





#43

2,4,6-Trichlorophenol

Concen: 22.989 ng

RT: 9.057 min Scan# 1184

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

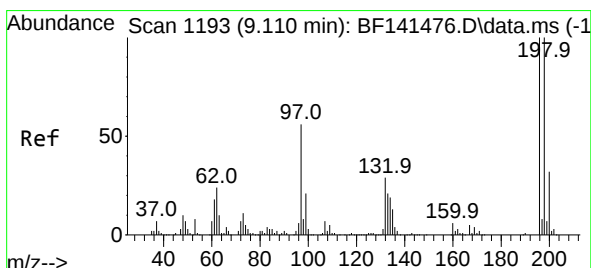
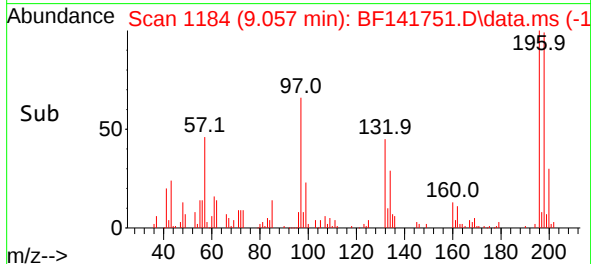
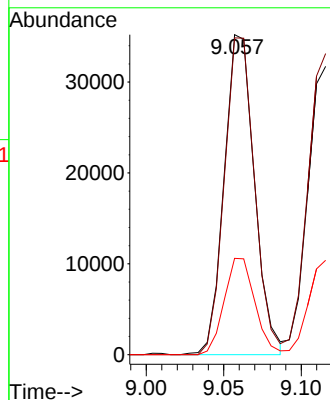
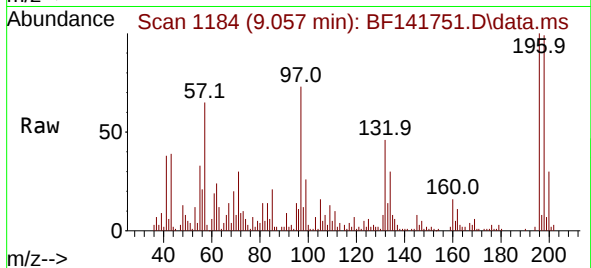
Tgt Ion:196 Resp: 47922

Ion Ratio Lower Upper

196 100

198 99.0 80.6 121.0

200 30.1 25.5 38.3



#44

2,4,5-Trichlorophenol

Concen: 20.956 ng

RT: 9.116 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Tgt Ion:196 Resp: 47345

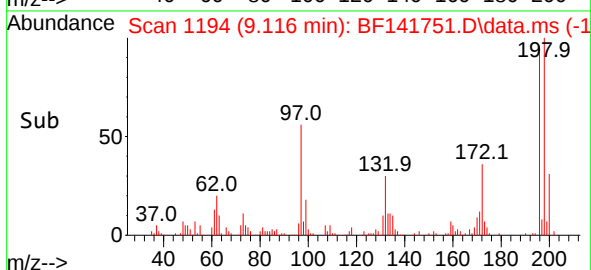
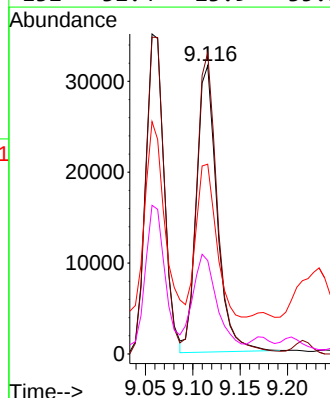
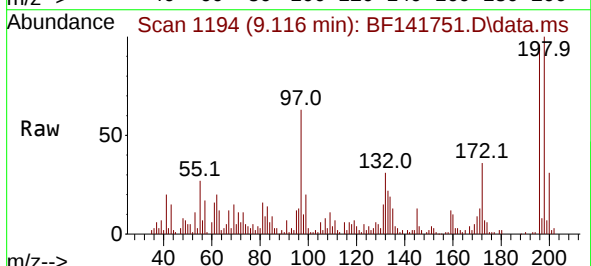
Ion Ratio Lower Upper

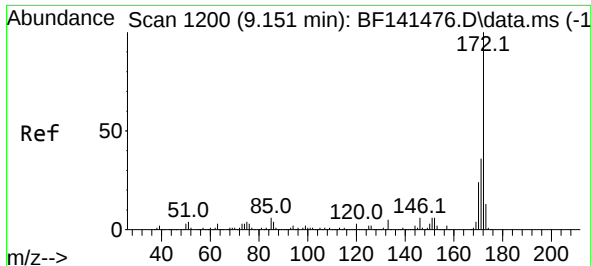
196 100

198 104.4 79.8 119.8

97 65.8 44.8 67.2

132 32.4 23.9 35.9





#45

2-Fluorobiphenyl

Concen: 34.901 ng

RT: 9.133 min Scan# 1197

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

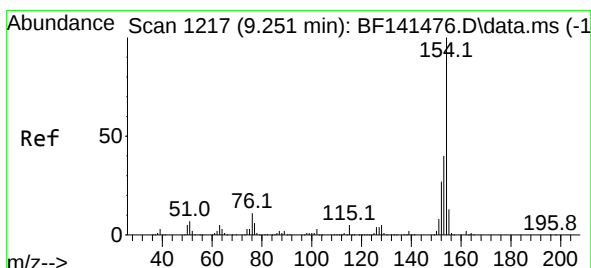
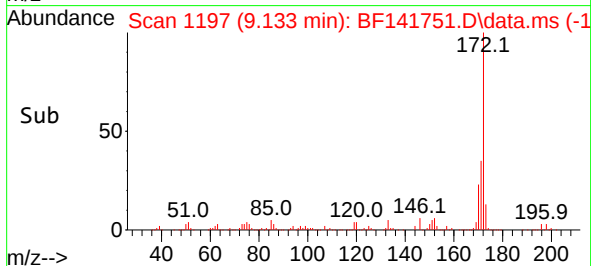
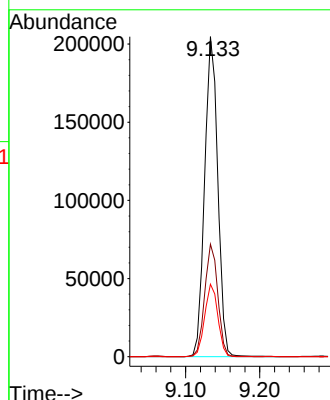
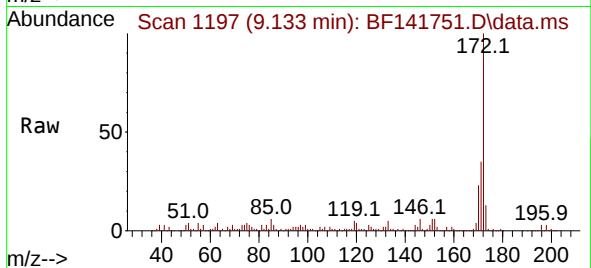
Tgt Ion:172 Resp: 252550

Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 22.7 18.9 28.3



#46

1,1'-Biphenyl

Concen: 27.397 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

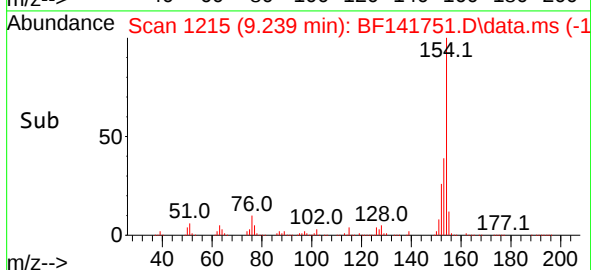
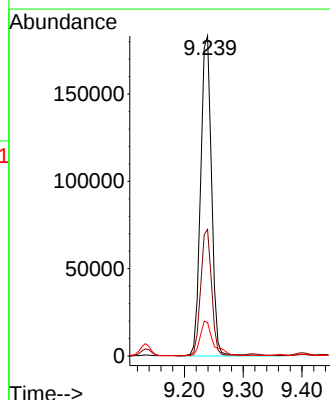
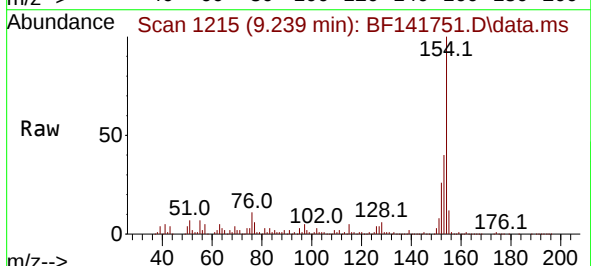
Tgt Ion:154 Resp: 236796

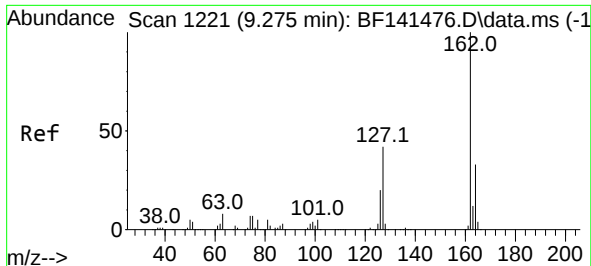
Ion Ratio Lower Upper

154 100

153 39.6 20.4 60.4

76 10.5 0.0 30.8





#47

2-Chloronaphthalene

Concen: 23.597 ng

RT: 9.263 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

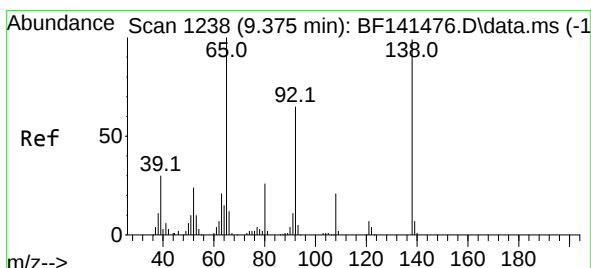
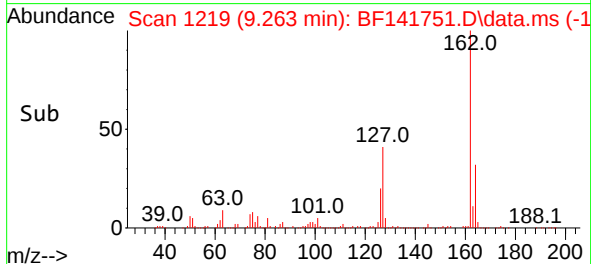
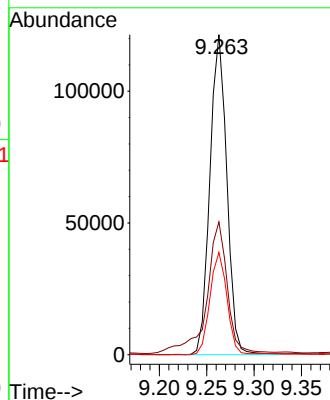
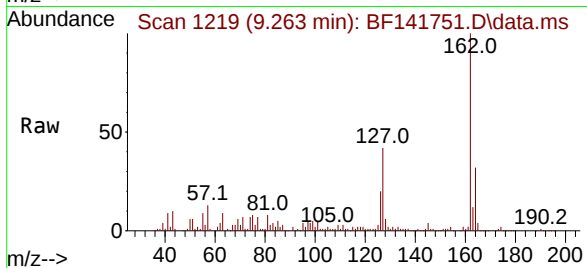
Tgt Ion:162 Resp: 150814

Ion Ratio Lower Upper

162 100

127 41.5 34.1 51.1

164 31.9 26.3 39.5



#48

2-Nitroaniline

Concen: 23.004 ng

RT: 9.363 min Scan# 1236

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

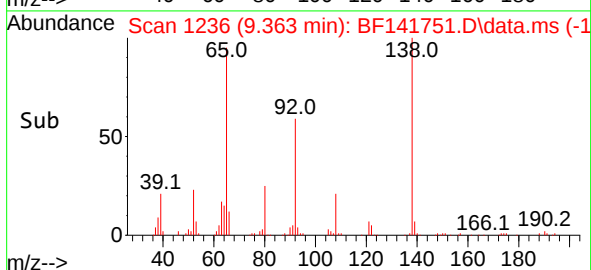
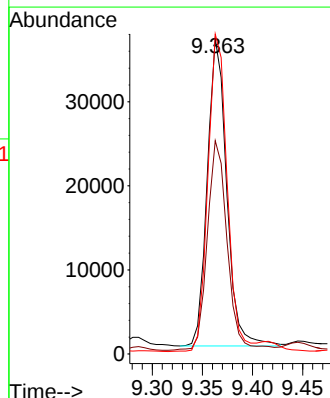
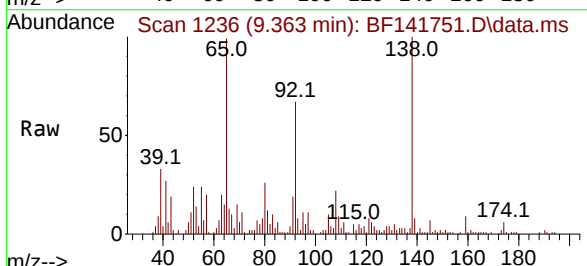
Tgt Ion: 65 Resp: 49343

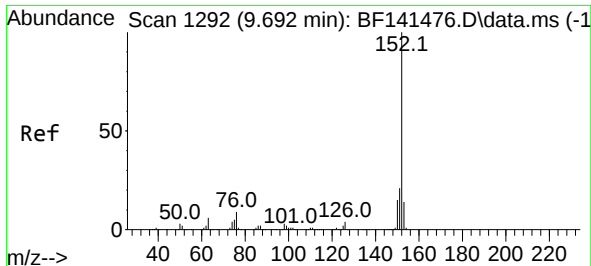
Ion Ratio Lower Upper

65 100

92 67.7 52.2 78.2

138 101.5 79.5 119.3

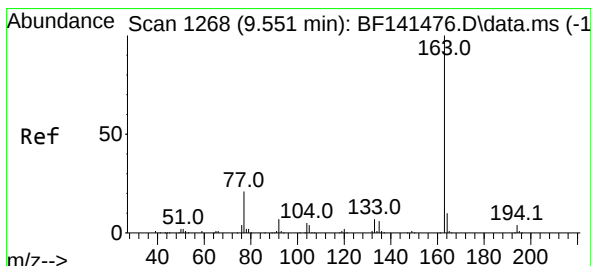
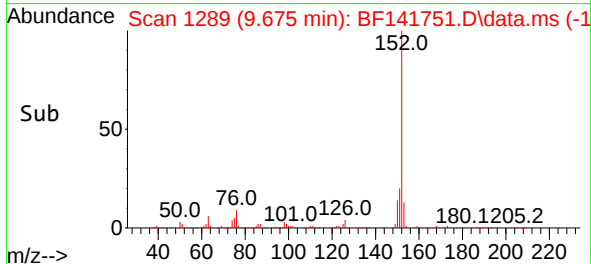
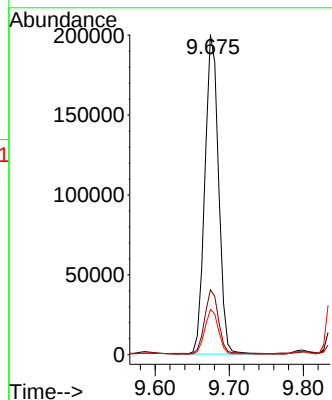
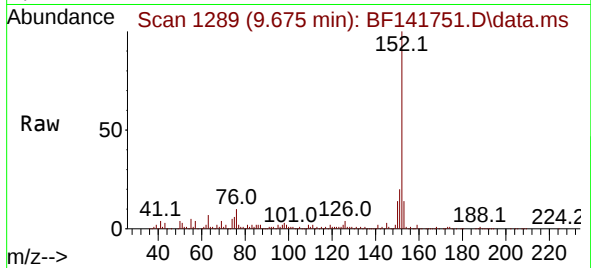




#49
Acenaphthylene
Concen: 27.047 ng
RT: 9.675 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

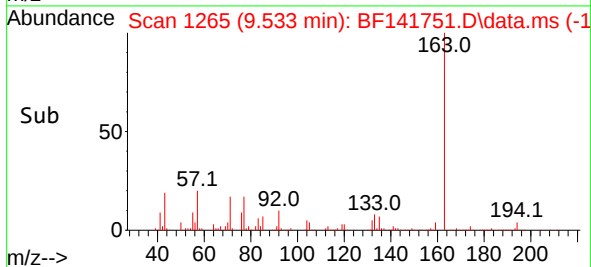
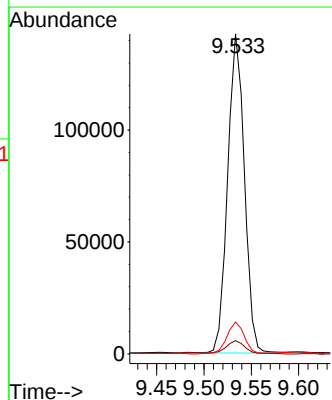
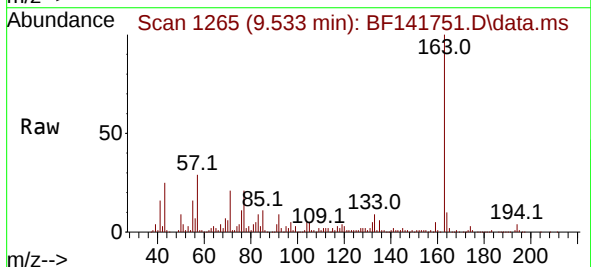
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

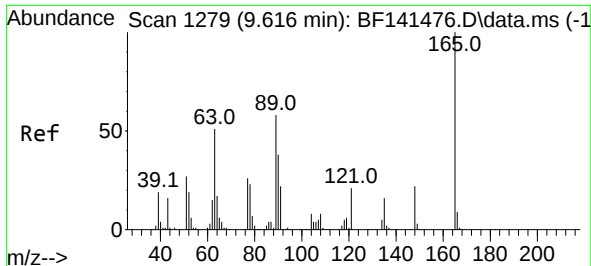
Tgt Ion:152 Resp: 257123
Ion Ratio Lower Upper
152 100
151 20.3 16.4 24.6
153 14.1 10.9 16.3



#50
Dimethylphthalate
Concen: 23.188 ng
RT: 9.533 min Scan# 1265
Delta R.T. -0.029 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:163 Resp: 175493
Ion Ratio Lower Upper
163 100
194 4.2 3.0 4.4
164 10.0 7.9 11.9

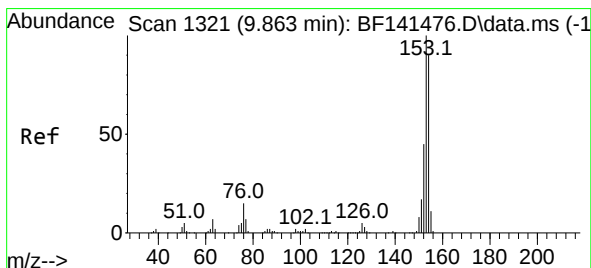
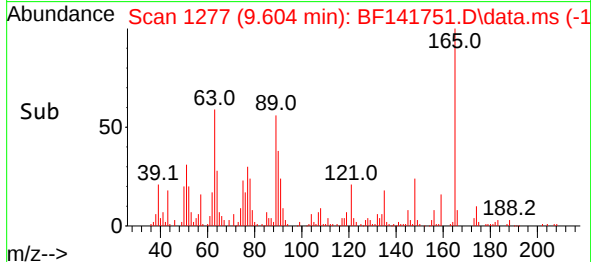
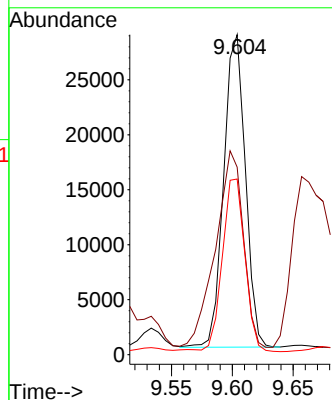
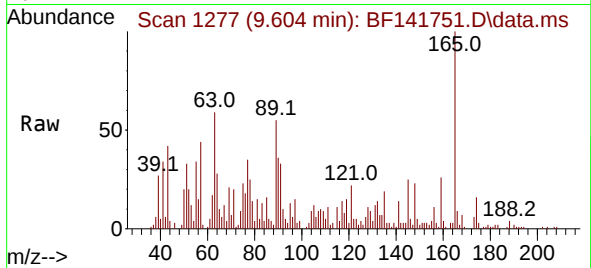




#51
2,6-Dinitrotoluene
Concen: 21.285 ng
RT: 9.604 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

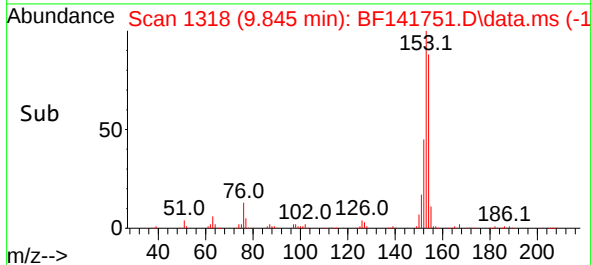
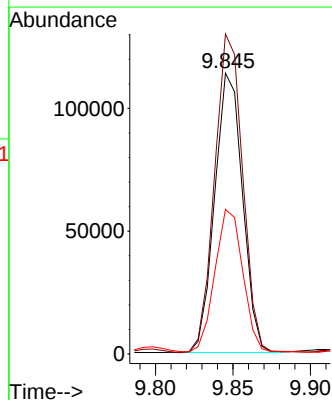
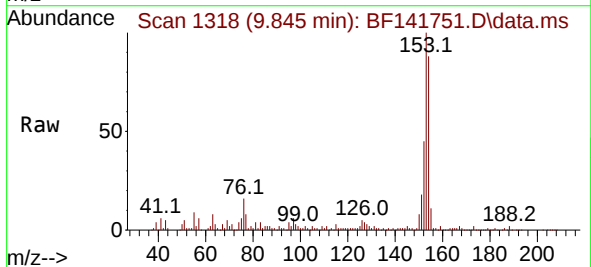
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

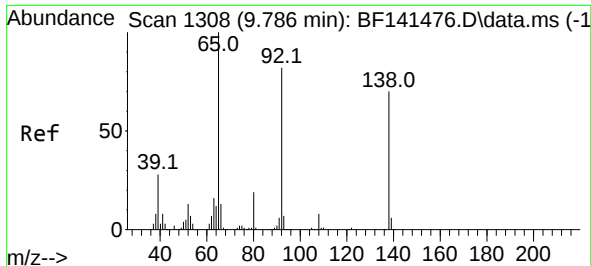
Tgt Ion:165 Resp: 35216
Ion Ratio Lower Upper
165 100
63 58.6 49.4 74.0
89 54.9 46.5 69.7



#52
Acenaphthene
Concen: 22.240 ng
RT: 9.845 min Scan# 1318
Delta R.T. -0.023 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:154 Resp: 142134
Ion Ratio Lower Upper
154 100
153 113.9 89.2 133.8
152 51.5 39.8 59.8

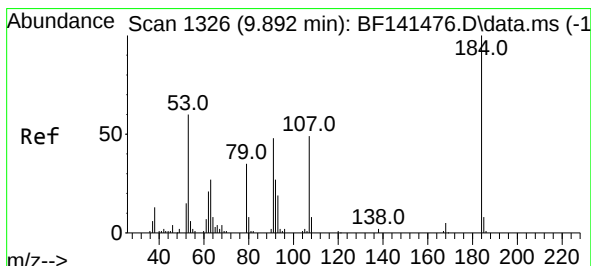
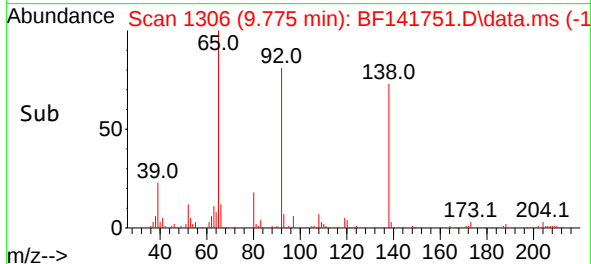
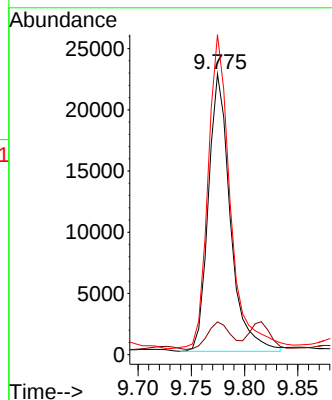
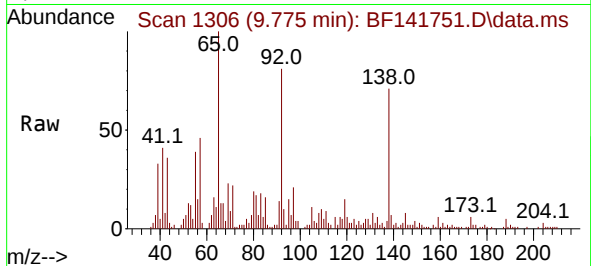




#53
3-Nitroaniline
Concen: 18.213 ng
RT: 9.775 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

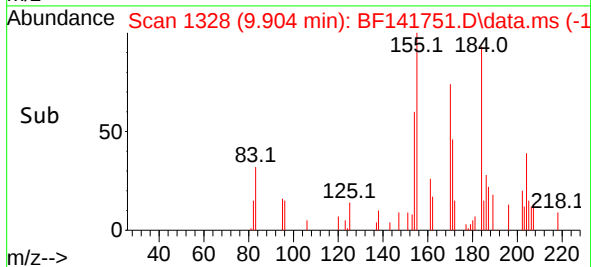
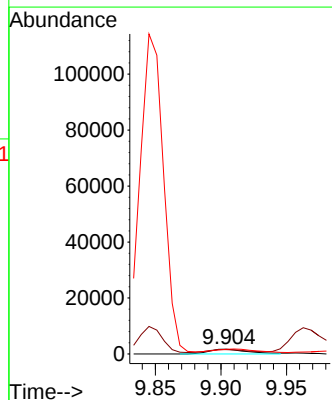
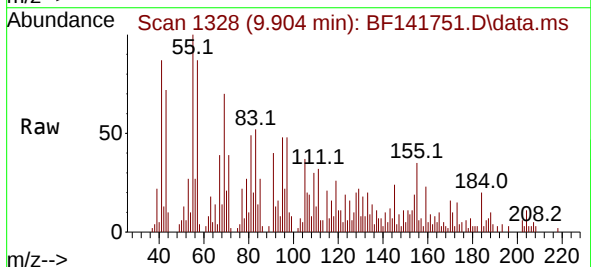
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

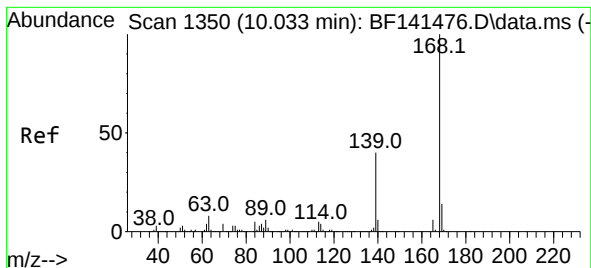
Tgt Ion:138 Resp: 32432
Ion Ratio Lower Upper
138 100
108 11.7 9.0 13.4
92 114.0 93.7 140.5



#54
2,4-Dinitrophenol
Concen: 3.599 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.000 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:184 Resp: 3539
Ion Ratio Lower Upper
184 100
63 88.8 61.0 91.6
154 96.3 59.9 89.9#

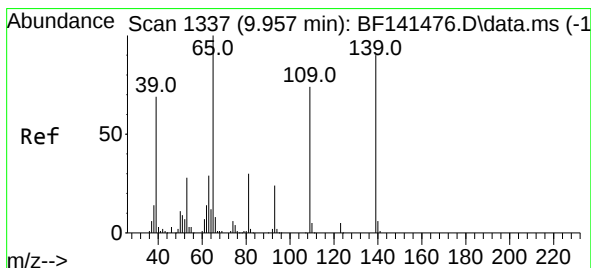
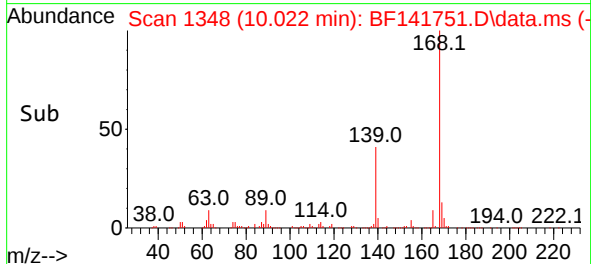
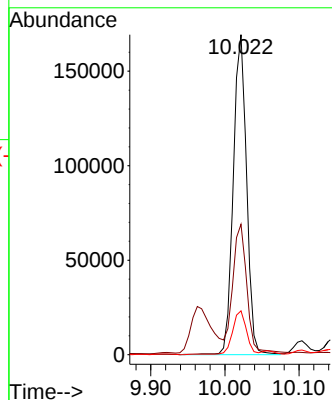
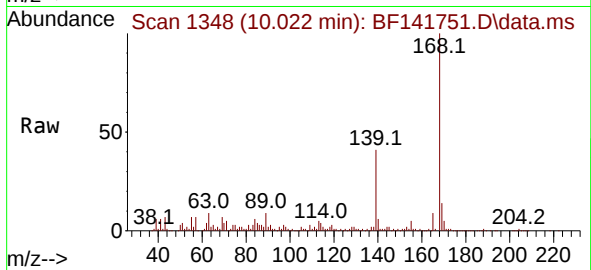




#55
Dibenzenofuran
Concen: 22.515 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

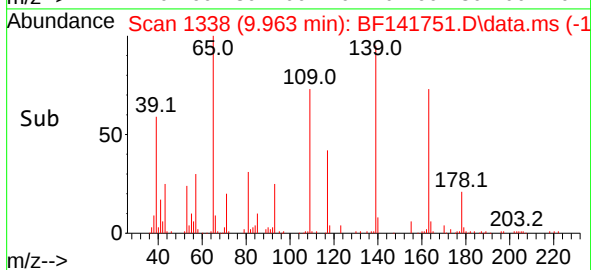
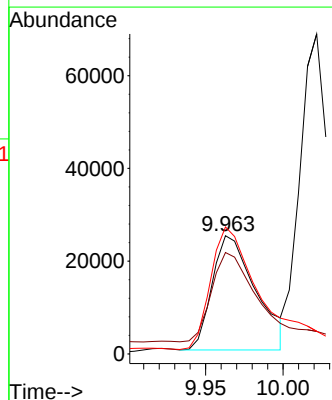
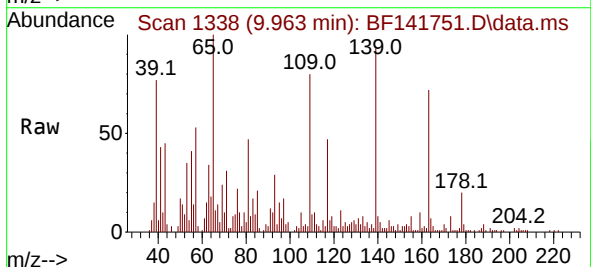
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

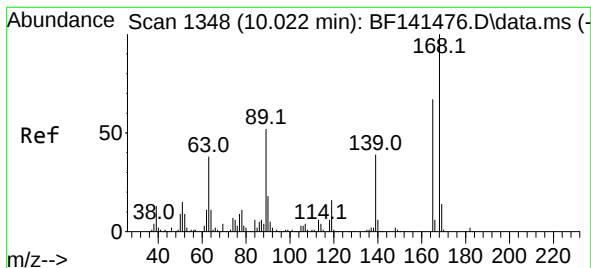
Tgt Ion:168 Resp: 211215
Ion Ratio Lower Upper
168 100
139 40.7 32.7 49.1
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 36.362 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:139 Resp: 48067
Ion Ratio Lower Upper
139 100
109 85.8 62.0 102.0
65 107.5 91.2 131.2

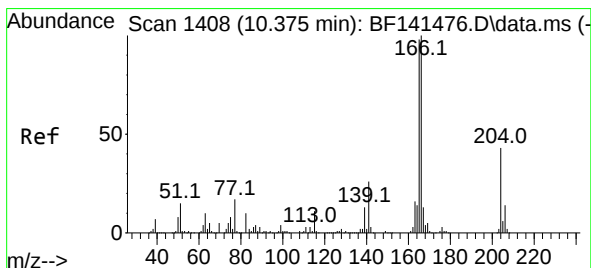
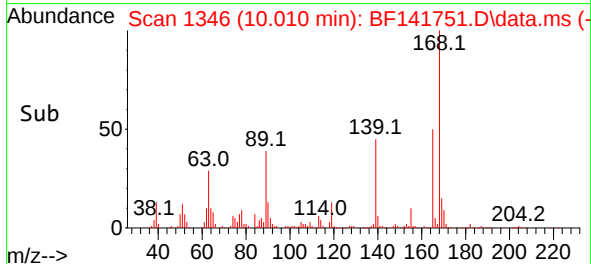
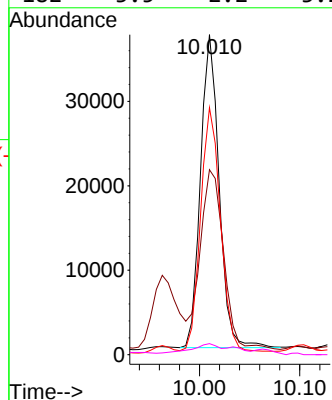
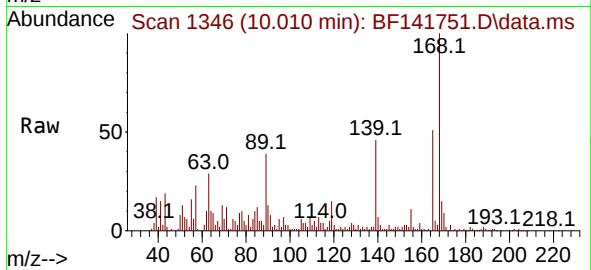




#57
2,4-Dinitrotoluene
Concen: 21.744 ng
RT: 10.010 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

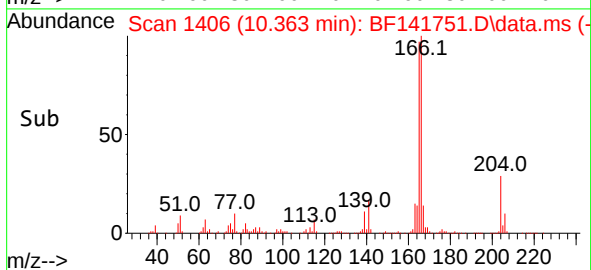
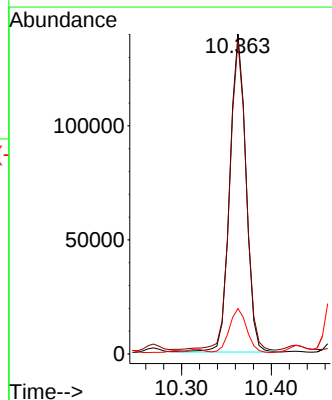
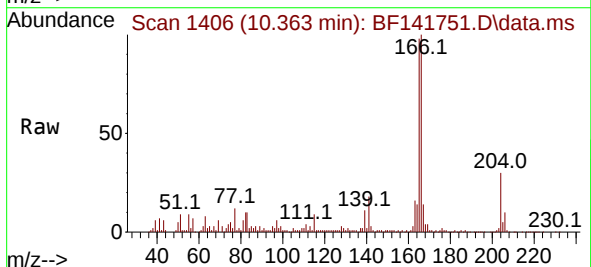
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Tgt Ion:165 Resp: 47892
Ion Ratio Lower Upper
165 100
63 57.8 46.4 69.6
89 77.2 61.8 92.6
182 3.5 2.2 3.2#



#58
Fluorene
Concen: 23.997 ng
RT: 10.363 min Scan# 1406
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:166 Resp: 174060
Ion Ratio Lower Upper
166 100
165 97.7 78.2 117.2
167 14.2 10.7 16.1

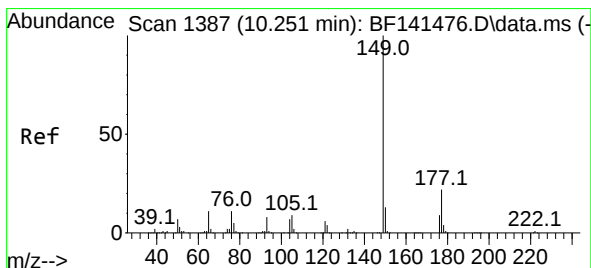
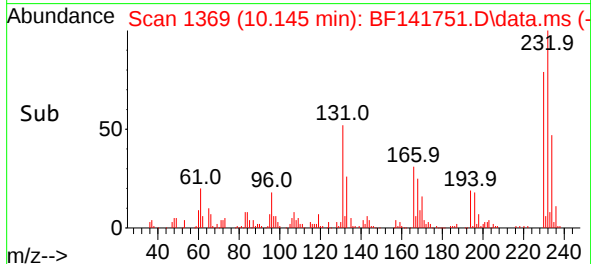
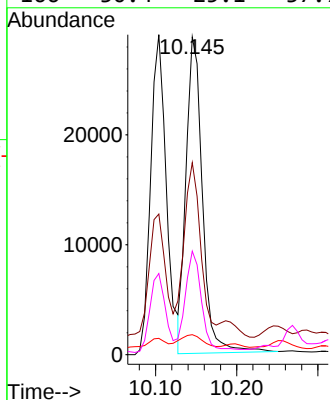
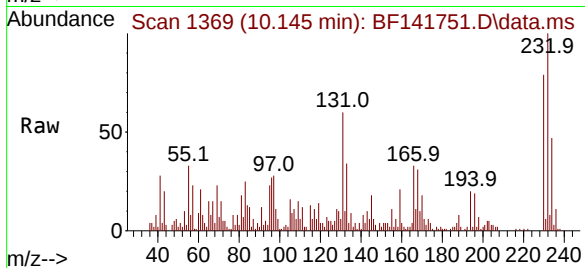




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.814 ng
RT: 10.145 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

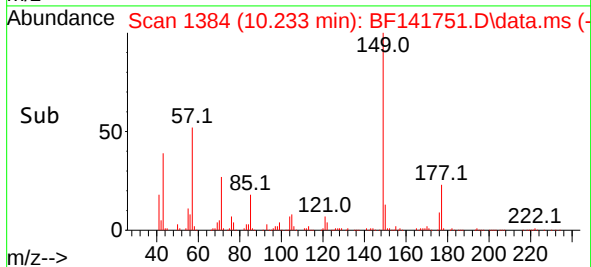
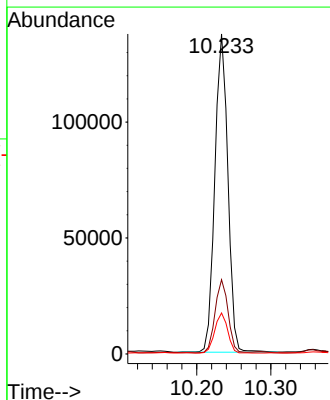
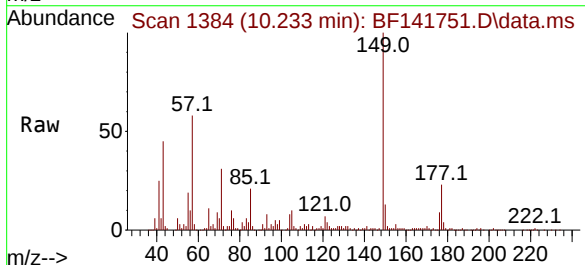
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

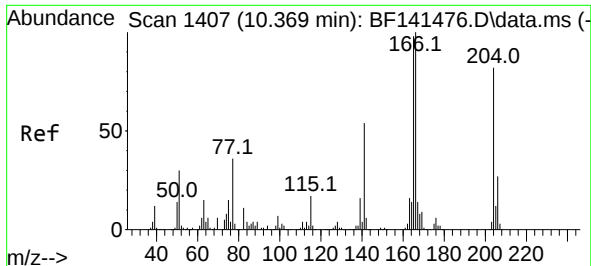
Tgt Ion:232 Resp: 40484
Ion Ratio Lower Upper
232 100
131 48.7 39.2 58.8
130 5.8 2.1 3.1#
166 30.4 25.1 37.7



#60
Diethylphthalate
Concen: 22.462 ng
RT: 10.233 min Scan# 1384
Delta R.T. -0.023 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:149 Resp: 167259
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.6
150 12.8 10.1 15.1

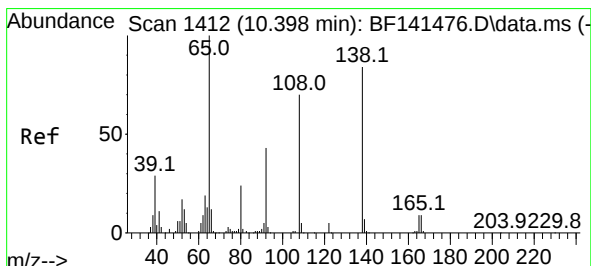
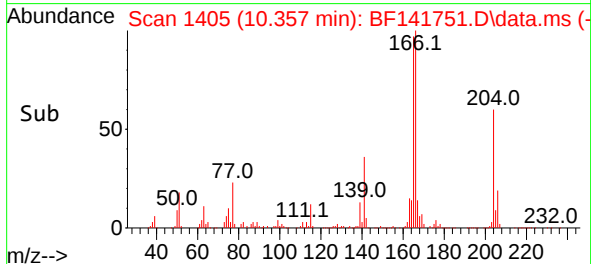
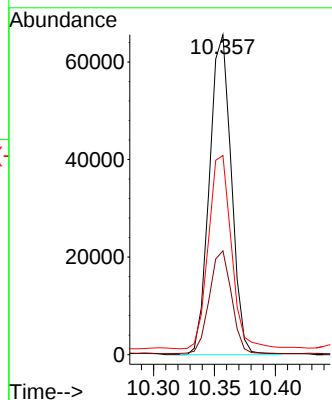
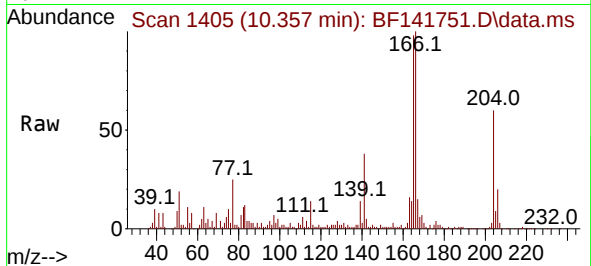




#61
4-Chlorophenyl-phenylether
Concen: 23.507 ng
RT: 10.357 min Scan# 1410
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

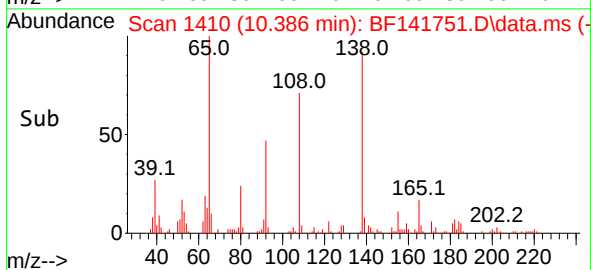
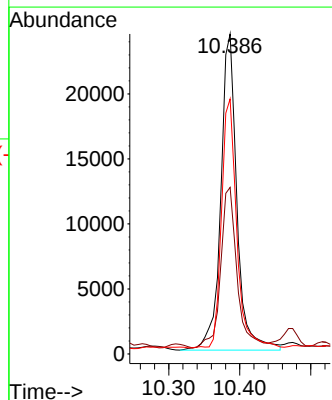
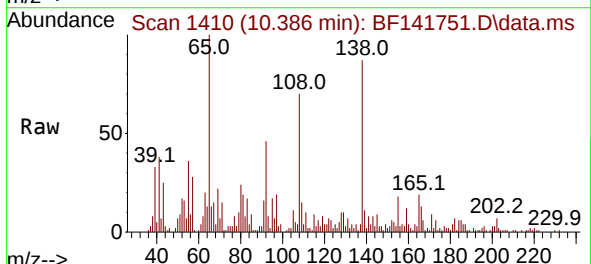
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

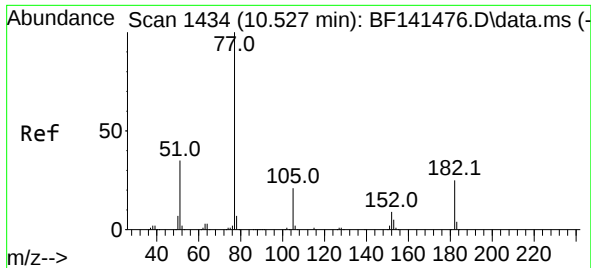
Tgt Ion:204 Resp: 82027
Ion Ratio Lower Upper
204 100
206 32.5 26.6 40.0
141 62.3 51.9 77.9



#62
4-Nitroaniline
Concen: 21.251 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.029 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:138 Resp: 38425
Ion Ratio Lower Upper
138 100
92 52.0 31.3 71.3
108 79.7 63.7 103.7



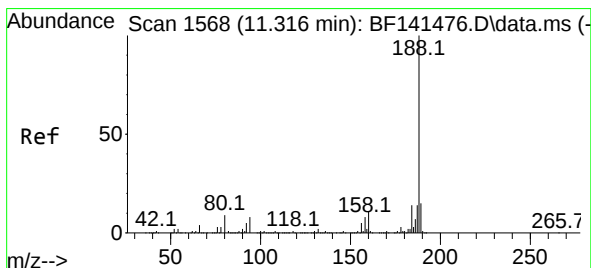
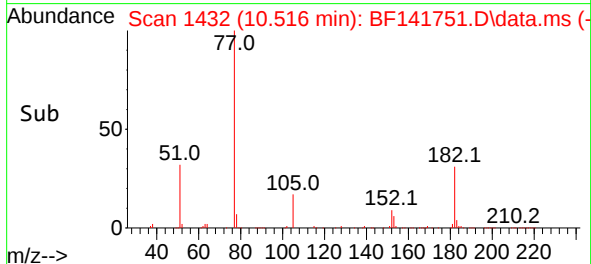
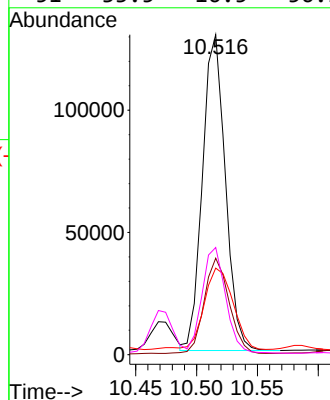
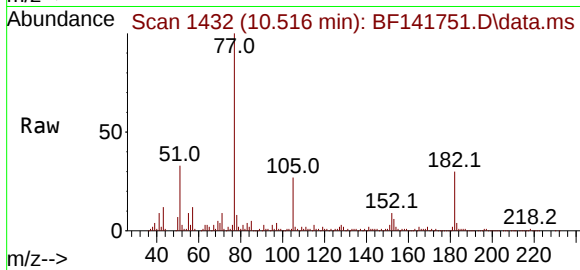


#63
Azobenzene
Concen: 22.839 ng
RT: 10.516 min Scan# 1434
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Tgt Ion: 77 Resp: 169070

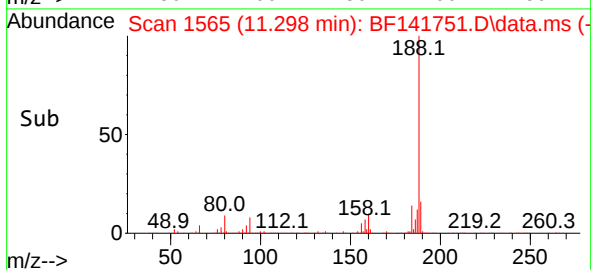
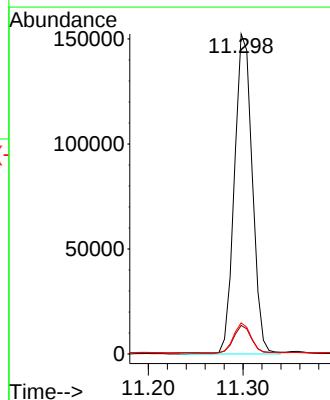
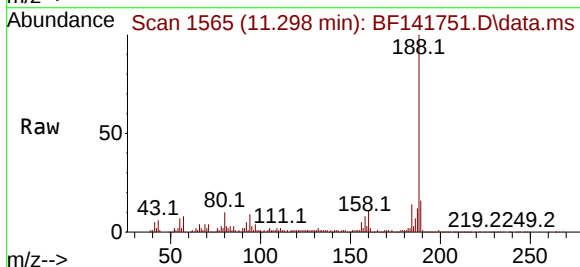
Ion	Ratio	Lower	Upper
77	100		
182	30.1	4.7	44.7
105	27.0	0.4	40.4
51	33.5	16.5	56.5

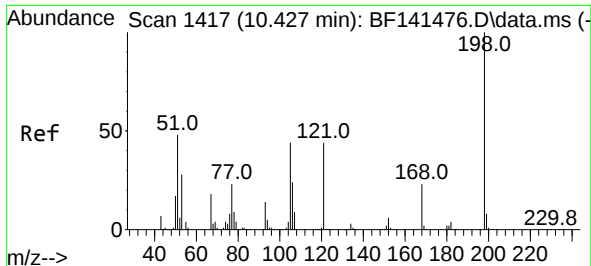


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.298 min Scan# 1565
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion: 188 Resp: 199141

Ion	Ratio	Lower	Upper
188	100		
94	8.9	6.6	10.0
80	9.7	7.3	10.9

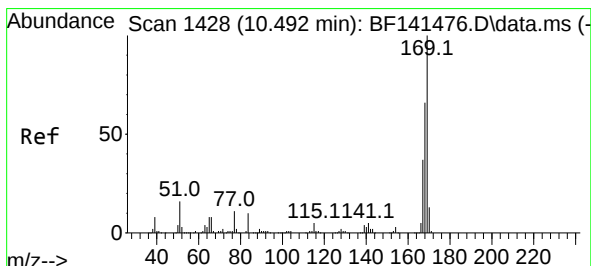
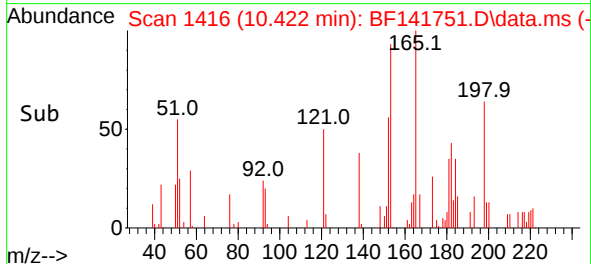
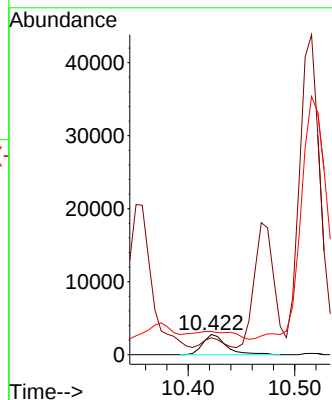
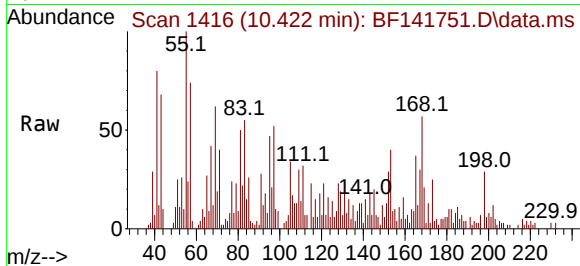




#65
4,6-Dinitro-2-methylphenol
Concen: 3.056 ng
RT: 10.422 min Scan# 1417
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

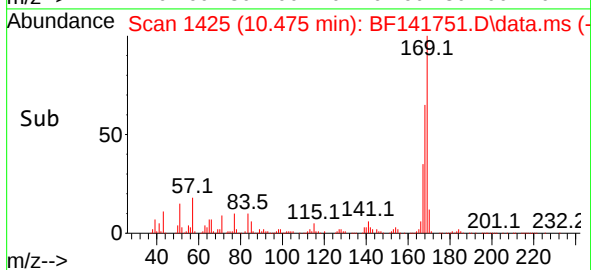
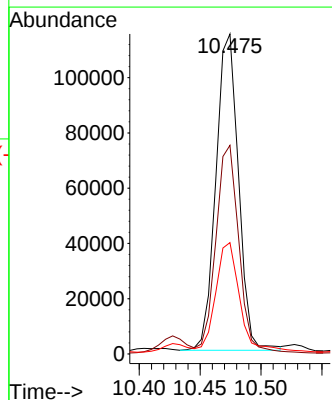
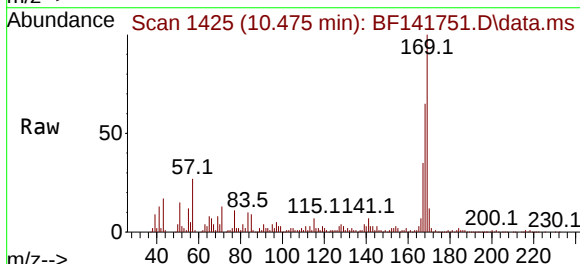
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Tgt Ion:198 Resp: 4228
Ion Ratio Lower Upper
198 100
51 83.8 37.4 77.4#
105 114.9 25.2 65.2#



#66
n-Nitrosodiphenylamine
Concen: 23.208 ng
RT: 10.475 min Scan# 1425
Delta R.T. -0.023 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:169 Resp: 147944
Ion Ratio Lower Upper
169 100
168 65.2 53.3 79.9
167 34.8 29.4 44.2

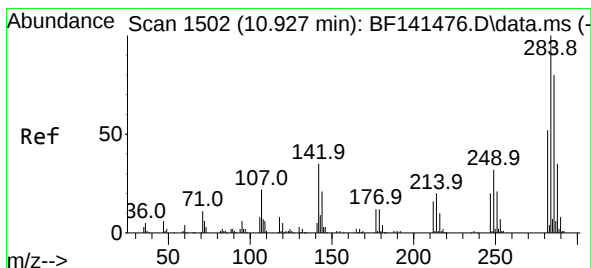
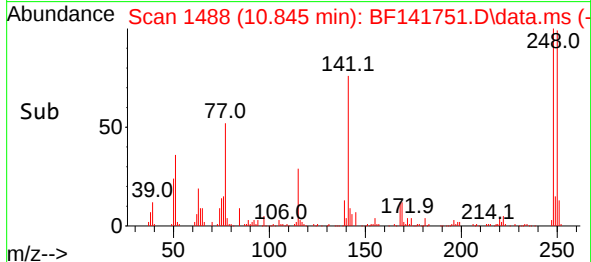
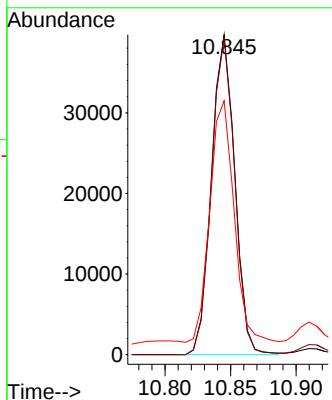
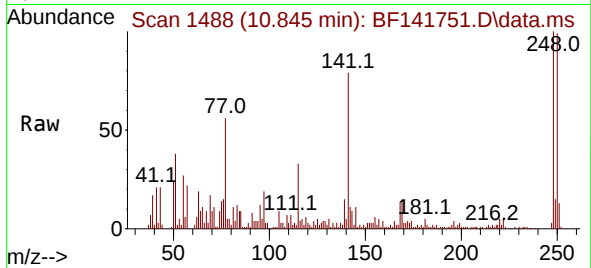




#67
4-Bromophenyl-phenylether
Concen: 22.125 ng
RT: 10.845 min Scan# 1488
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

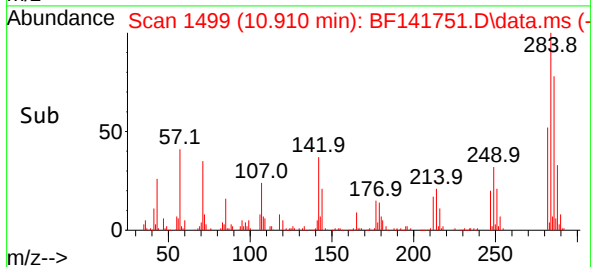
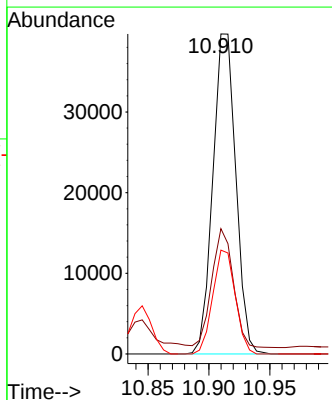
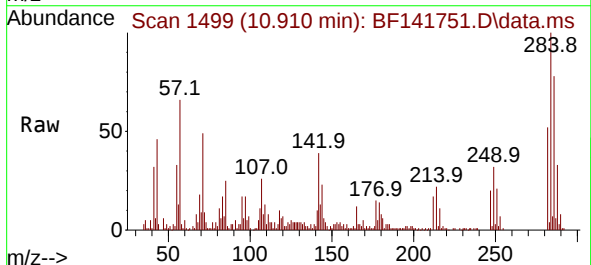
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

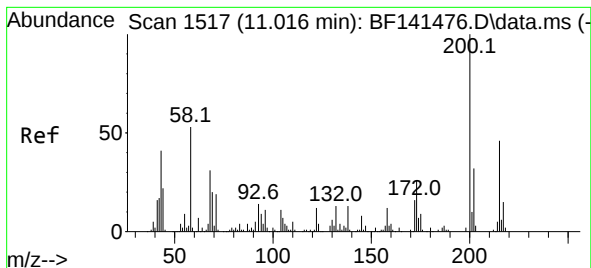
Tgt Ion:248 Resp: 49243
Ion Ratio Lower Upper
248 100
250 99.0 77.8 116.6
141 79.4 60.6 90.8



#68
Hexachlorobenzene
Concen: 22.777 ng
RT: 10.910 min Scan# 1499
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:284 Resp: 52202
Ion Ratio Lower Upper
284 100
142 39.2 28.0 42.0
249 32.5 25.8 38.8





#69

Atrazine

Concen: 30.129 ng

RT: 10.998 min Scan# 1514

Delta R.T. -0.023 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

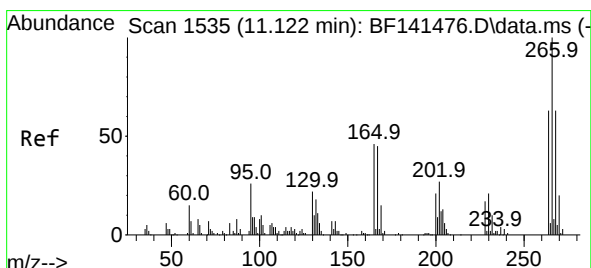
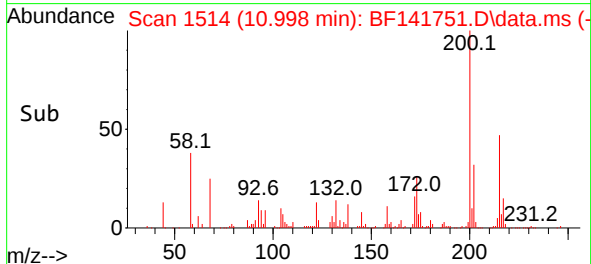
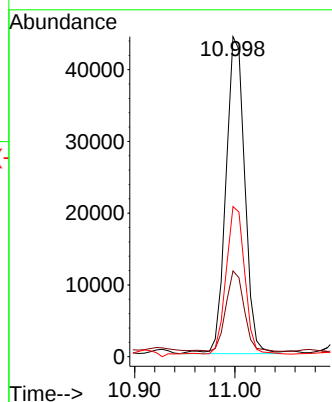
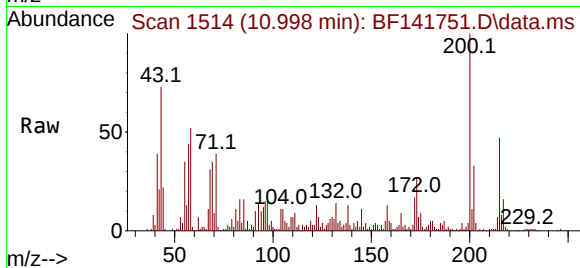
Tgt Ion:200 Resp: 57620

Ion Ratio Lower Upper

200 100

173 26.8 5.9 45.9

215 46.9 25.9 65.9



#70

Pentachlorophenol

Concen: 35.691 ng

RT: 11.116 min Scan# 1534

Delta R.T. -0.012 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

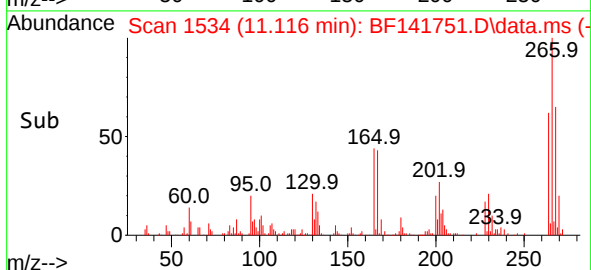
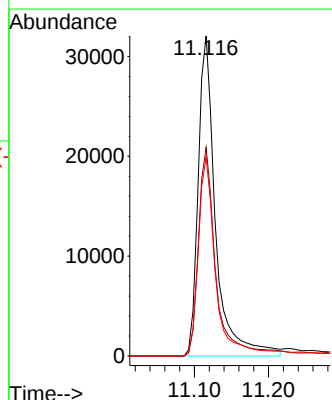
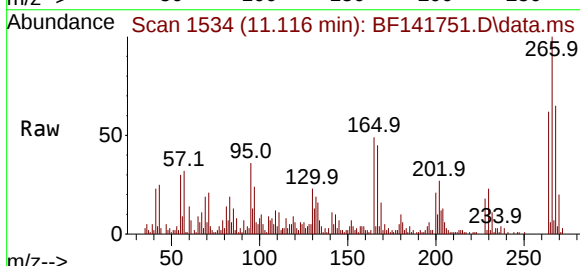
Tgt Ion:266 Resp: 52303

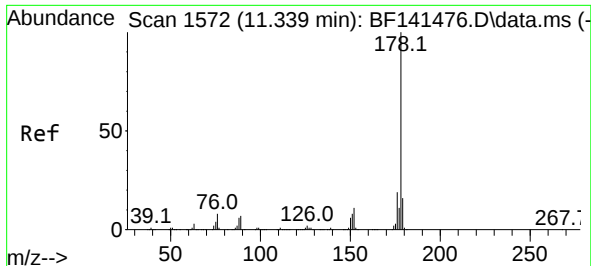
Ion Ratio Lower Upper

266 100

268 65.1 50.1 75.1

264 62.1 50.1 75.1

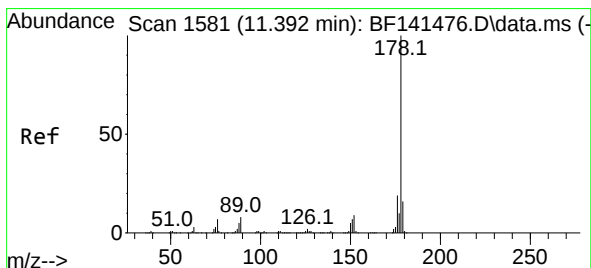
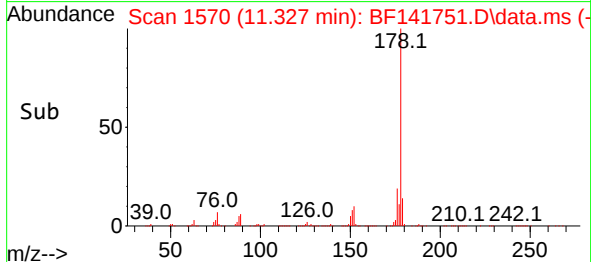
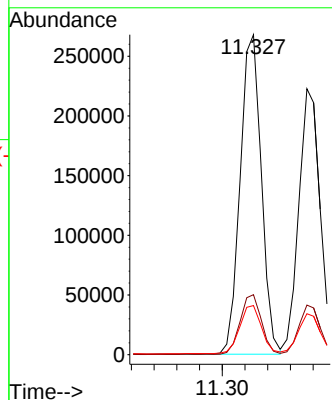
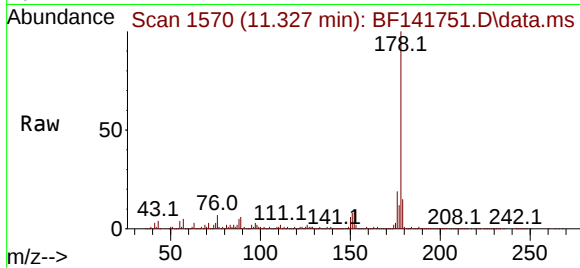




#71
Phenanthrene
Concen: 31.489 ng
RT: 11.327 min Scan# 1572
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

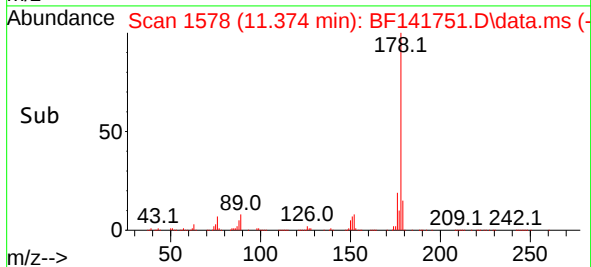
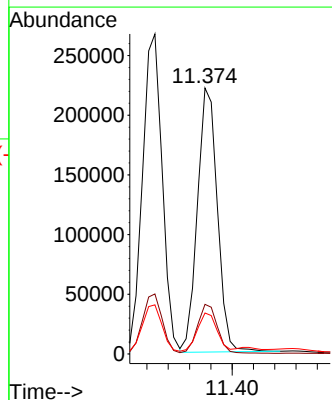
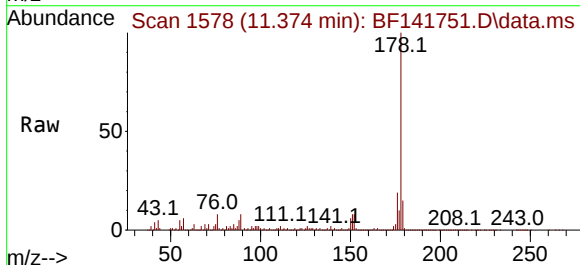
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

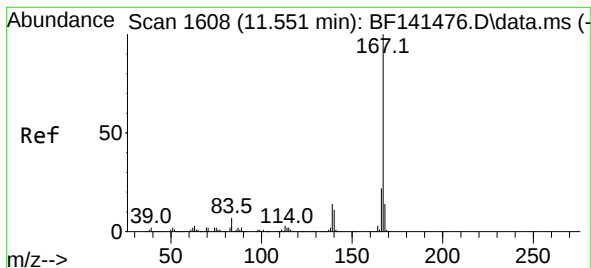
Tgt Ion:178 Resp: 345172
Ion Ratio Lower Upper
178 100
176 18.8 15.4 23.0
179 15.3 12.4 18.6



#72
Anthracene
Concen: 26.190 ng
RT: 11.374 min Scan# 1578
Delta R.T. -0.023 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:178 Resp: 288590
Ion Ratio Lower Upper
178 100
176 18.7 14.8 22.2
179 15.4 12.4 18.6





#73

Carbazole

Concen: 24.069 ng

RT: 11.533 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

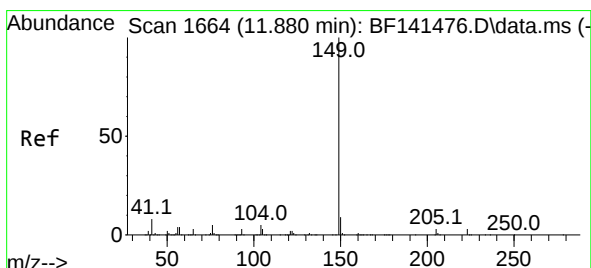
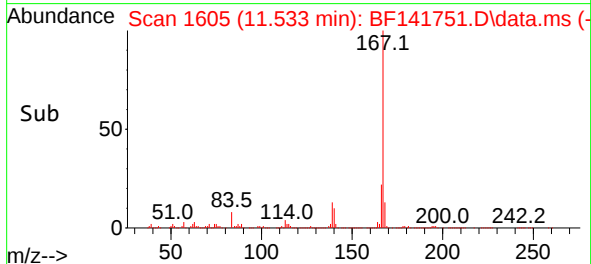
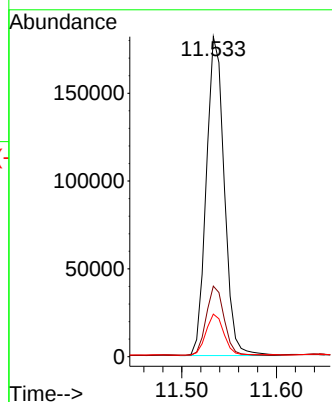
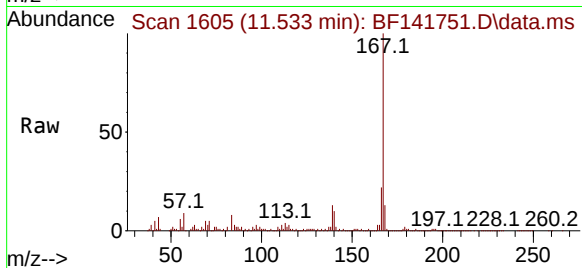
Tgt Ion:167 Resp: 238641

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 13.3 10.9 16.3



#74

Di-n-butylphthalate

Concen: 24.760 ng

RT: 11.863 min Scan# 1661

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

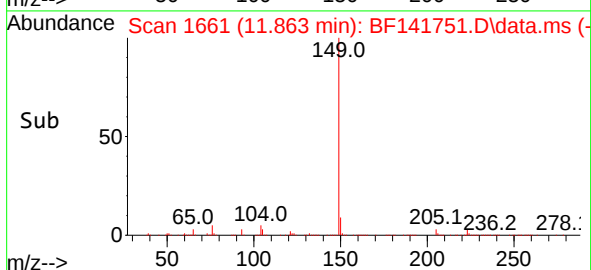
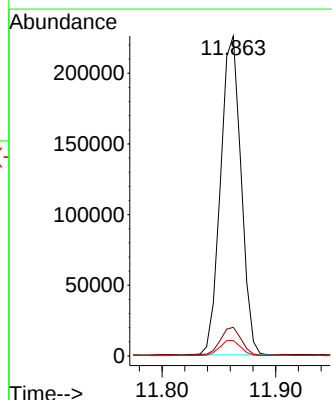
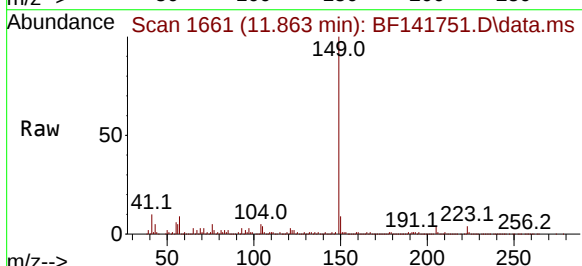
Tgt Ion:149 Resp: 283467

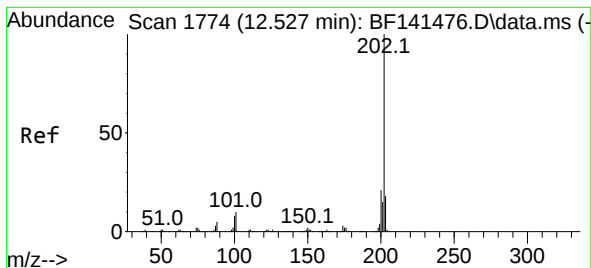
Ion Ratio Lower Upper

149 100

150 8.9 7.4 11.0

104 4.9 4.2 6.2





#75

Fluoranthene

Concen: 46.439 ng

RT: 12.516 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

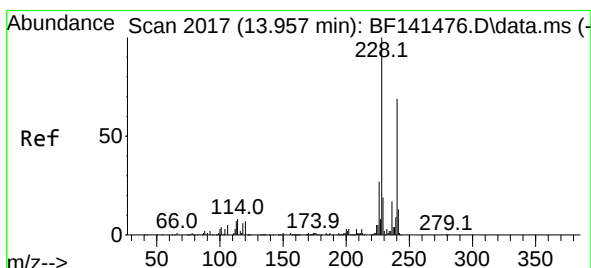
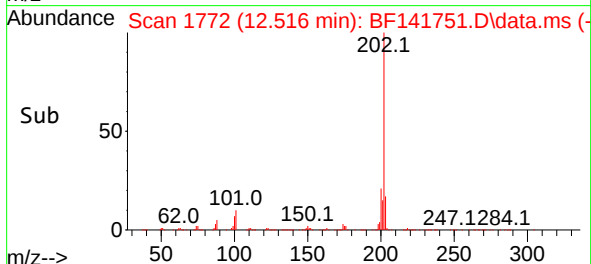
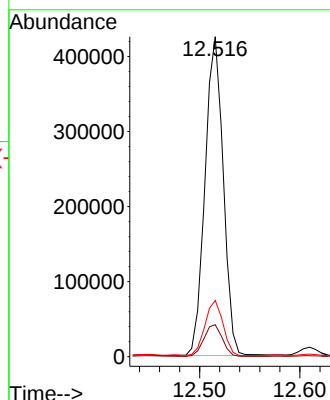
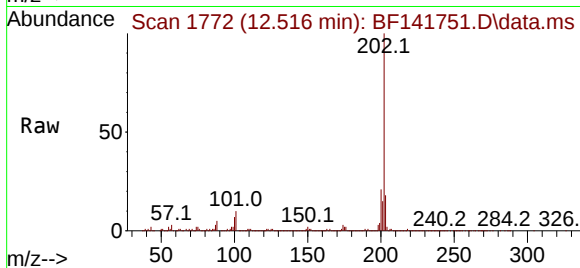
Tgt Ion:202 Resp: 539698

Ion Ratio Lower Upper

202 100

101 10.0 0.0 30.2

203 17.5 0.0 37.6



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.018 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

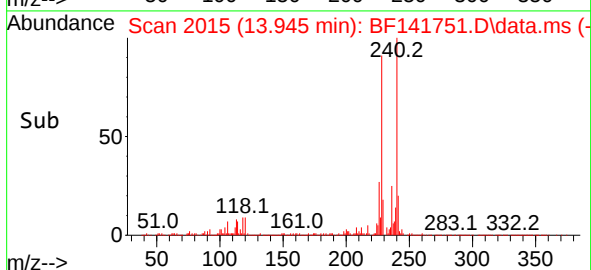
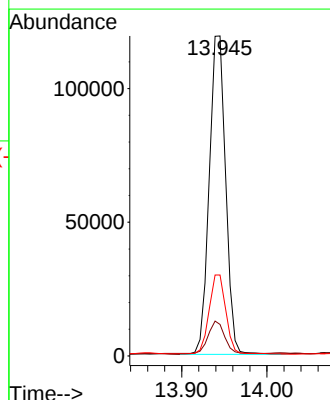
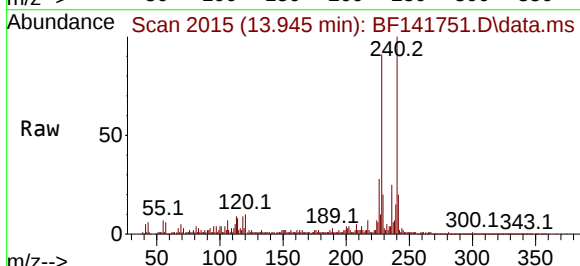
Tgt Ion:240 Resp: 159396

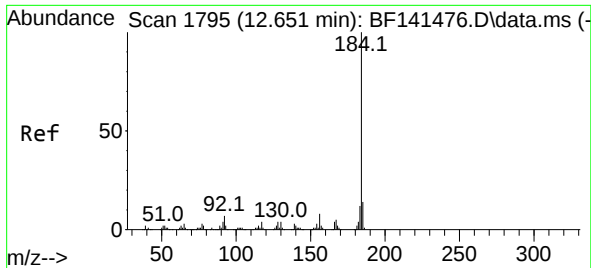
Ion Ratio Lower Upper

240 100

120 9.8 8.0 12.0

236 25.3 19.8 29.8

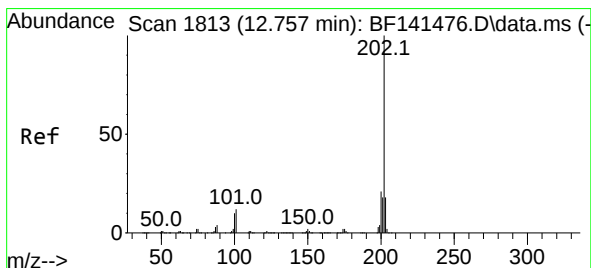
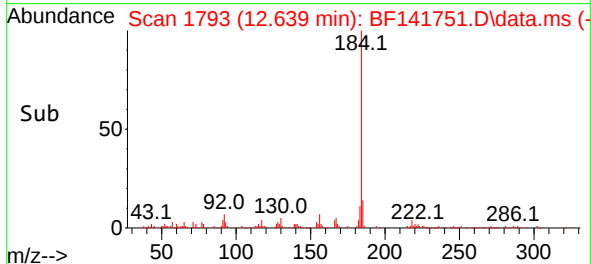
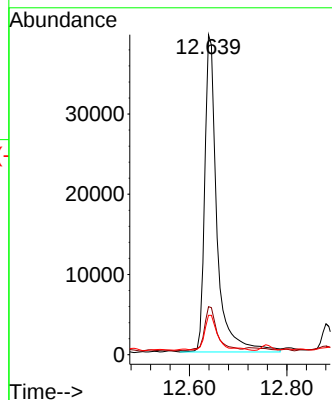
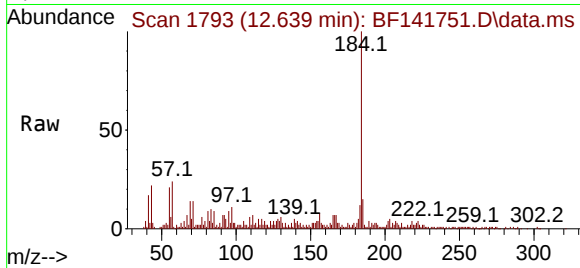




#77
Benzidine
Concen: 19.629 ng
RT: 12.639 min Scan# 1793
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

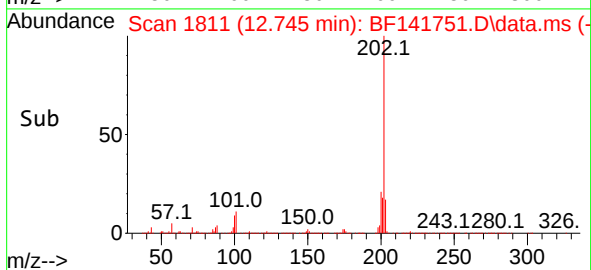
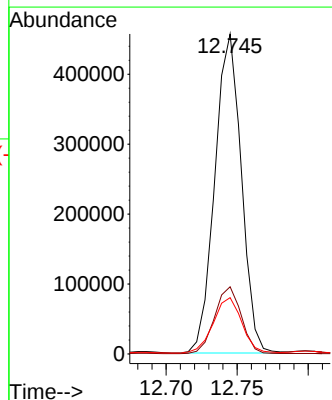
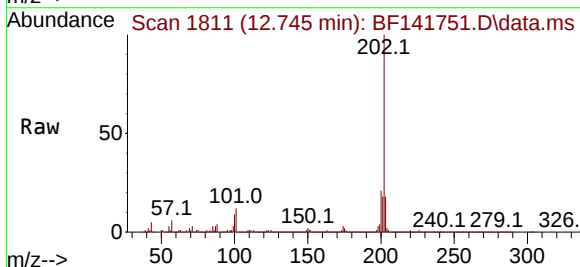
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

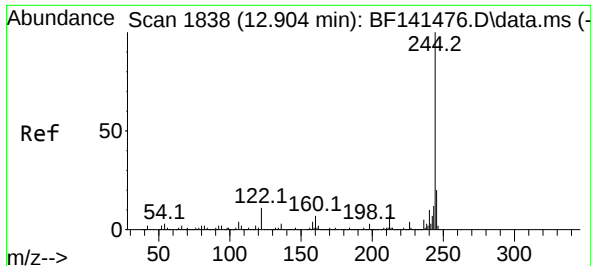
Tgt Ion:184 Resp: 69005
Ion Ratio Lower Upper
184 100
185 15.0 11.3 16.9
183 12.3 9.3 13.9



#78
Pyrene
Concen: 43.663 ng
RT: 12.745 min Scan# 1811
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:202 Resp: 592462
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.4
203 17.6 14.3 21.5

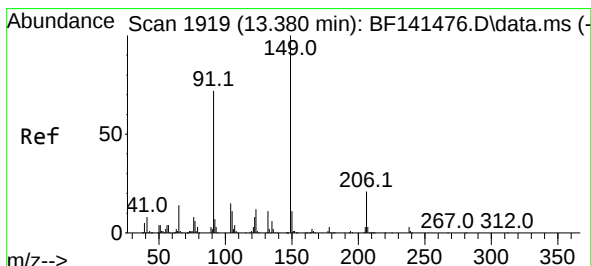
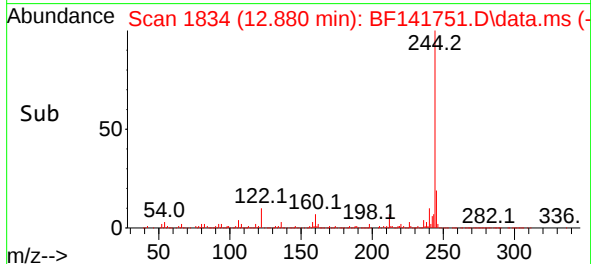
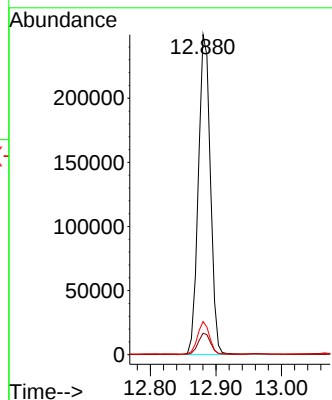
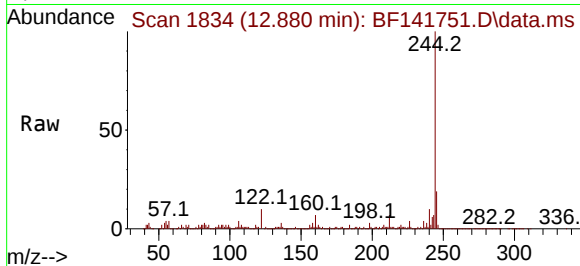




#79
 Terphenyl-d14
 Concen: 33.758 ng
 RT: 12.880 min Scan# 1834
 Delta R.T. -0.023 min
 Lab File: BF141751.D
 Acq: 24 Feb 2025 18:37

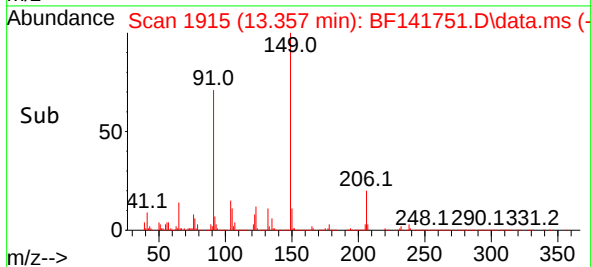
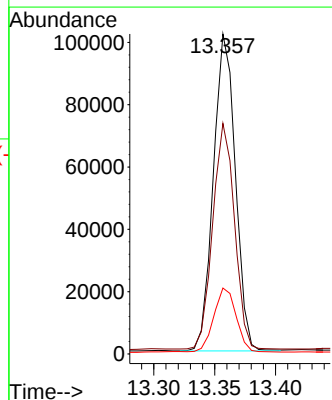
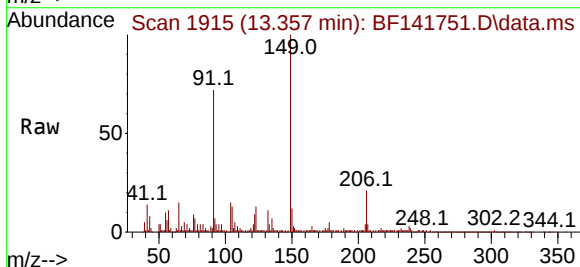
Instrument :
 BNA_F
 ClientSampleId :
 BU-2-022125MS

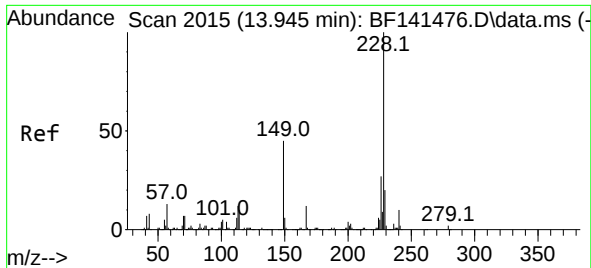
Tgt Ion:244 Resp: 318742
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 10.4 8.4 12.6



#80
 Butylbenzylphthalate
 Concen: 27.209 ng
 RT: 13.357 min Scan# 1915
 Delta R.T. -0.023 min
 Lab File: BF141751.D
 Acq: 24 Feb 2025 18:37

Tgt Ion:149 Resp: 127881
 Ion Ratio Lower Upper
 149 100
 91 72.1 57.8 86.8
 206 20.6 16.7 25.1

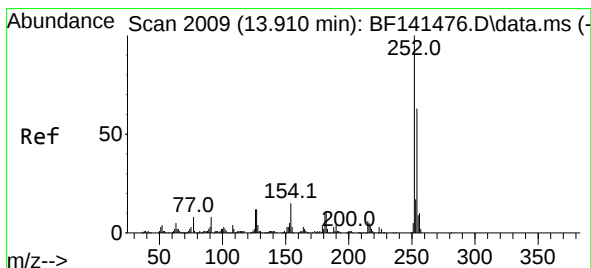
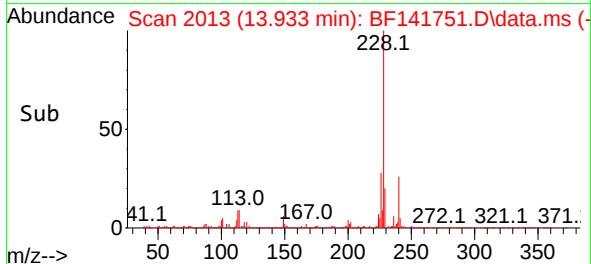
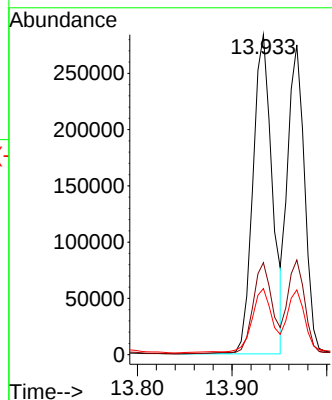
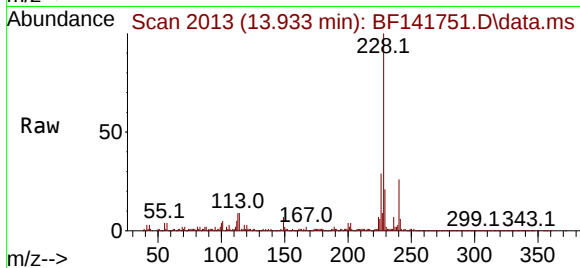




#81
Benzo(a)anthracene
Concen: 37.981 ng
RT: 13.933 min Scan# 20
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

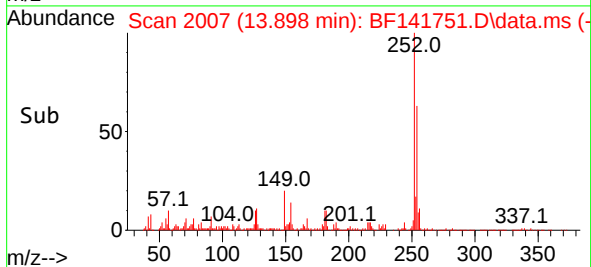
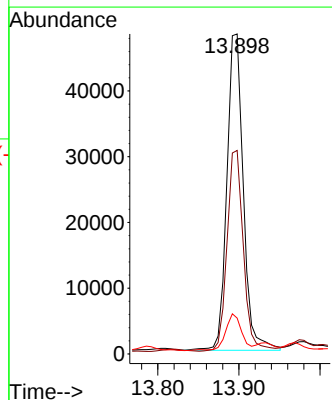
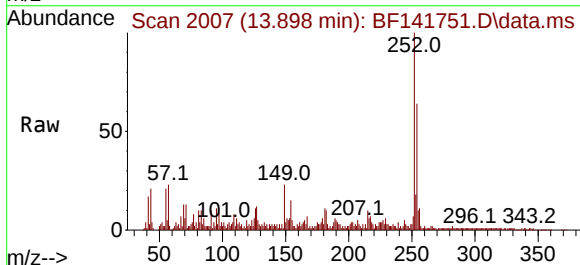
Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

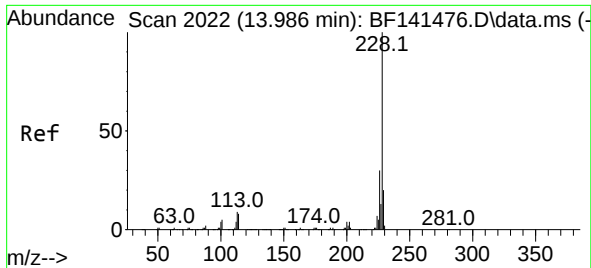
Tgt Ion:228 Resp: 402436
Ion Ratio Lower Upper
228 100
226 28.8 21.8 32.8
229 20.6 15.8 23.6



#82
3,3'-Dichlorobenzidine
Concen: 22.324 ng
RT: 13.898 min Scan# 2007
Delta R.T. -0.018 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:252 Resp: 67758
Ion Ratio Lower Upper
252 100
254 63.6 50.6 76.0
126 11.2 9.3 13.9





#83

Chrysene

Concen: 34.667 ng

RT: 13.968 min Scan# 20

Delta R.T. -0.023 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

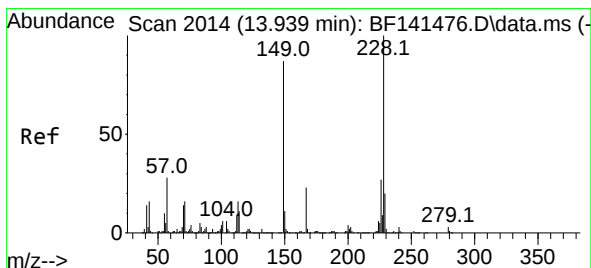
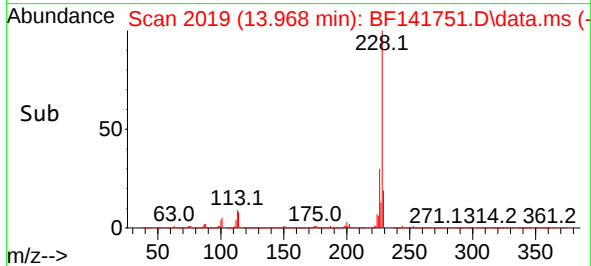
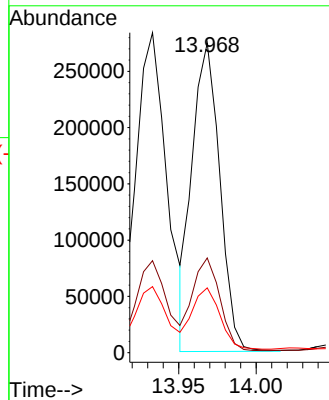
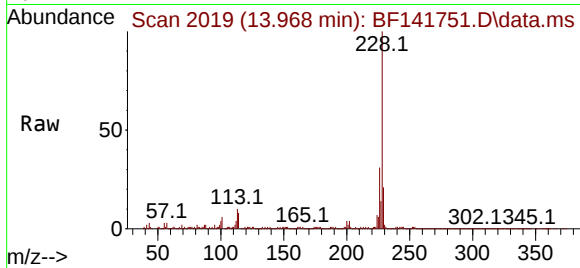
Tgt Ion:228 Resp: 339166

Ion Ratio Lower Upper

228 100

226 30.6 24.0 36.0

229 20.9 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 32.431 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.023 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

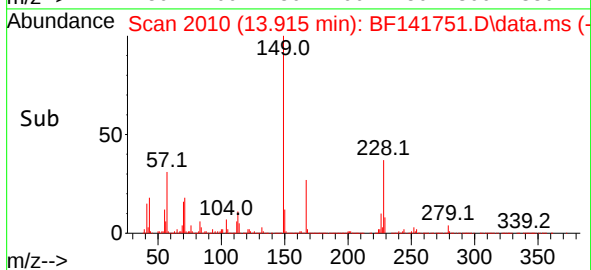
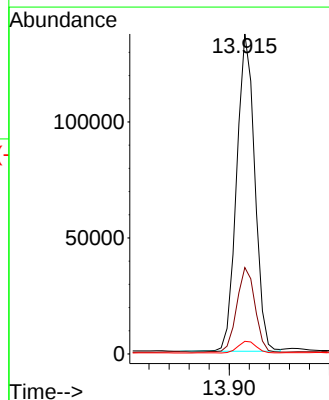
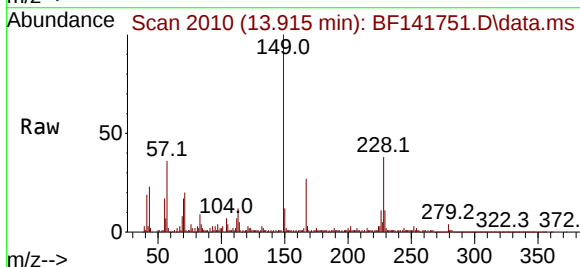
Tgt Ion:149 Resp: 171907

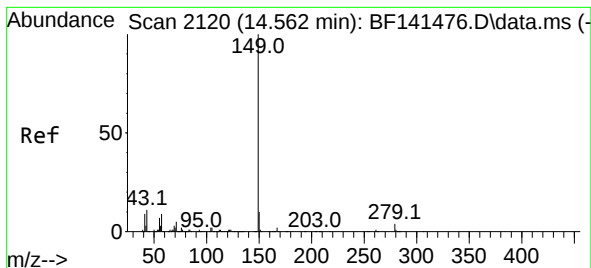
Ion Ratio Lower Upper

149 100

167 27.0 21.4 32.0

279 4.0 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 34.421 ng

RT: 14.527 min Scan# 21

Delta R.T. -0.035 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

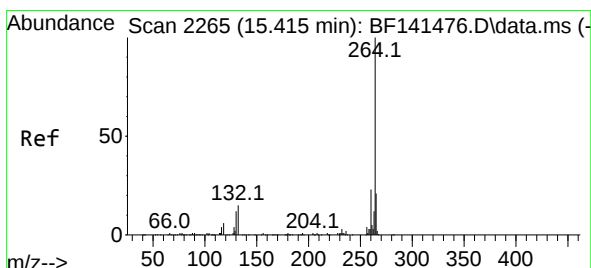
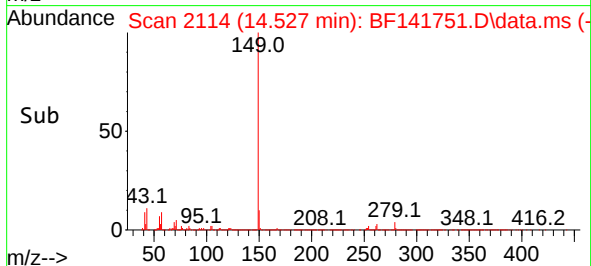
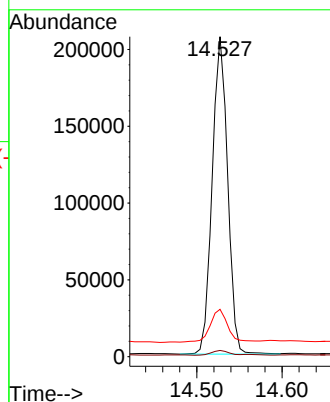
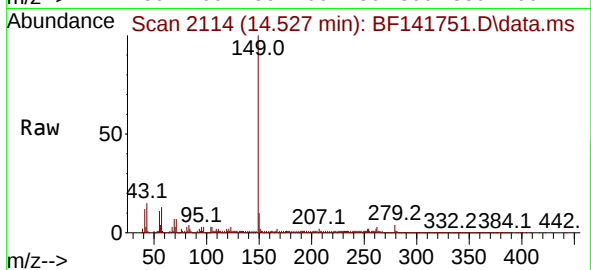
Tgt Ion:149 Resp: 260292

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.6 9.5 14.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.386 min Scan# 2260

Delta R.T. -0.029 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

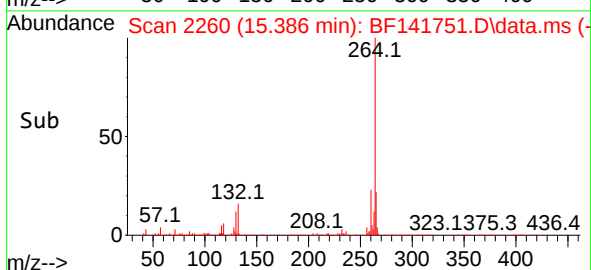
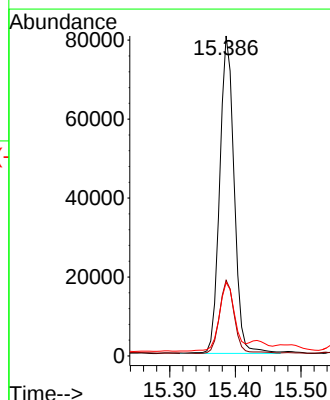
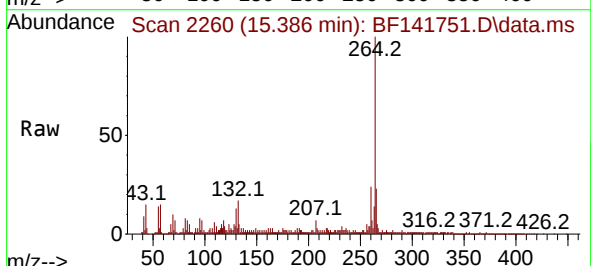
Tgt Ion:264 Resp: 122771

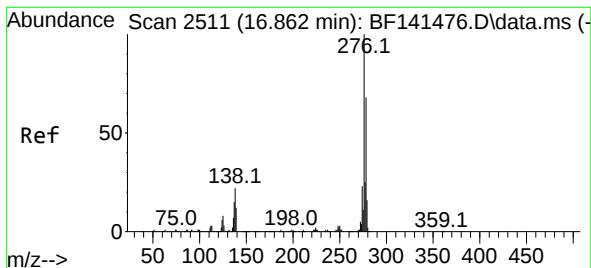
Ion Ratio Lower Upper

264 100

260 23.6 18.6 28.0

265 23.0 17.0 25.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 28.136 ng

RT: 16.827 min Scan# 21

Delta R.T. -0.047 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

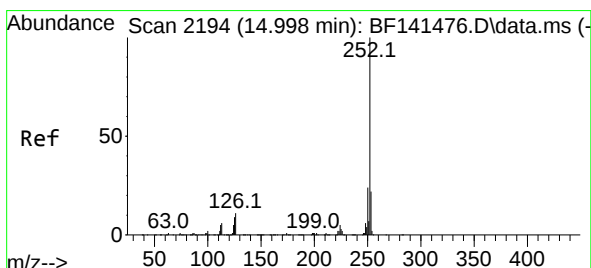
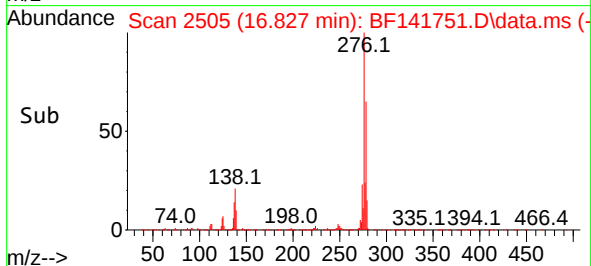
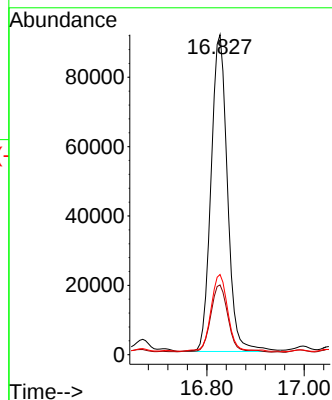
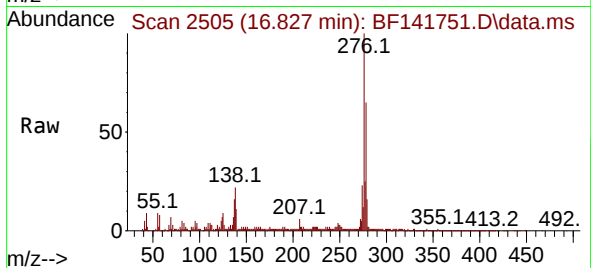
Tgt Ion:276 Resp: 213437

Ion Ratio Lower Upper

276 100

138 21.2 18.0 27.0

277 24.4 20.4 30.6



#88

Benzo(b)fluoranthene

Concen: 38.653 ng

RT: 14.968 min Scan# 2189

Delta R.T. -0.035 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

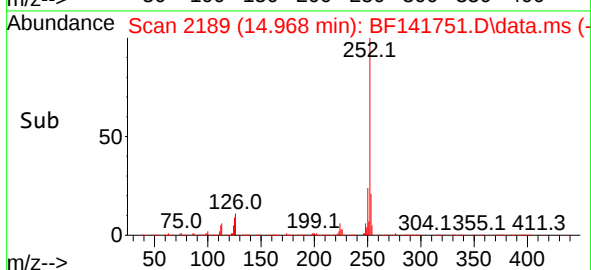
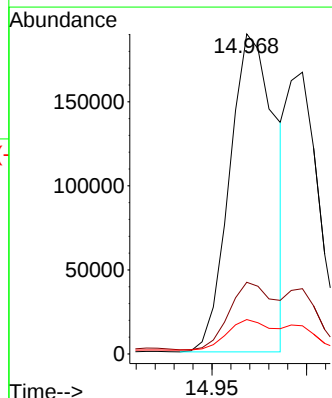
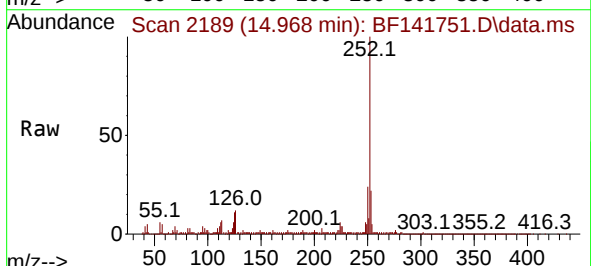
Tgt Ion:252 Resp: 318634

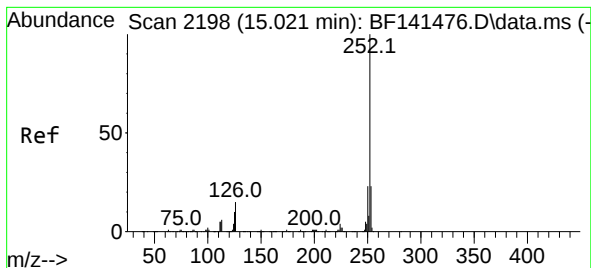
Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

125 10.8 7.0 10.6#





#89

Benzo(k)fluoranthene

Concen: 45.266 ng

RT: 14.968 min Scan# 2198

Delta R.T. -0.065 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

Instrument :

BNA_F

ClientSampleId :

BU-2-022125MS

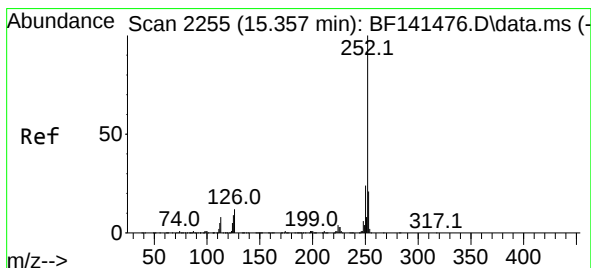
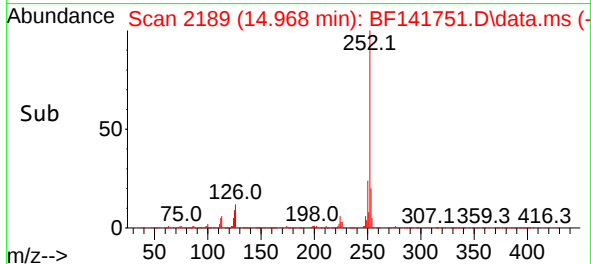
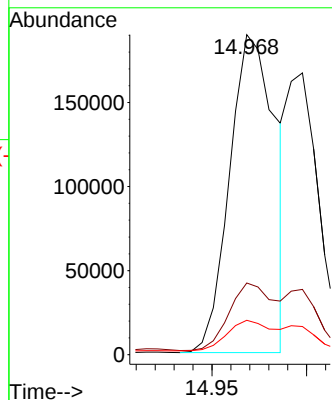
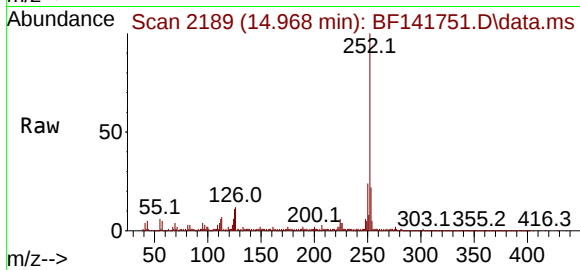
Tgt Ion:252 Resp: 318634

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

125 10.8 7.4 11.0



#90

Benzo(a)pyrene

Concen: 36.152 ng

RT: 15.327 min Scan# 2250

Delta R.T. -0.035 min

Lab File: BF141751.D

Acq: 24 Feb 2025 18:37

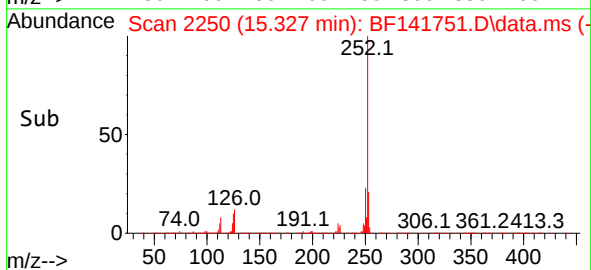
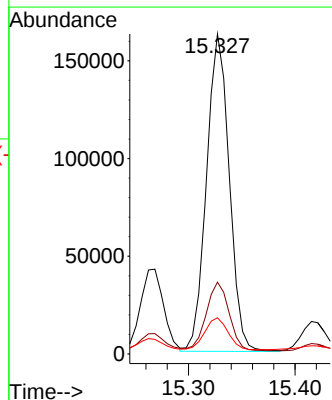
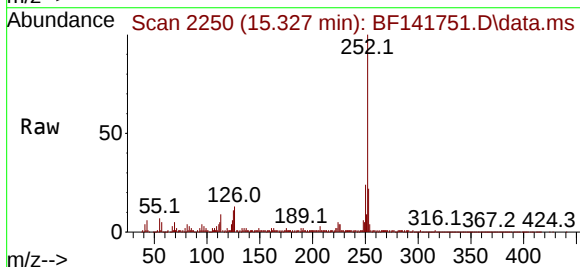
Tgt Ion:252 Resp: 241145

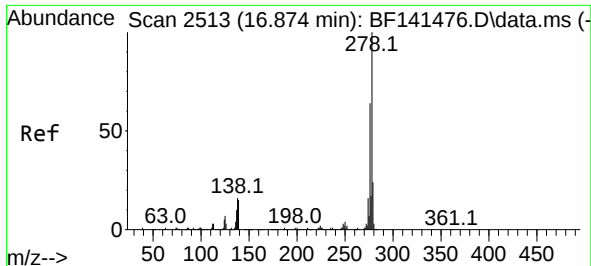
Ion Ratio Lower Upper

252 100

253 22.4 17.1 25.7

125 11.3 7.4 11.2#

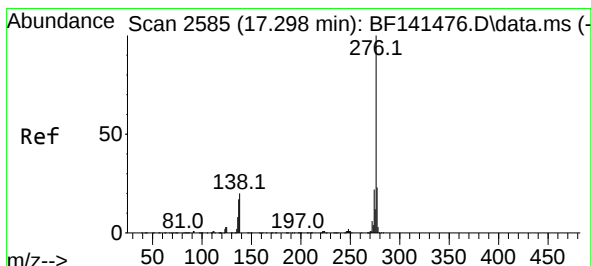
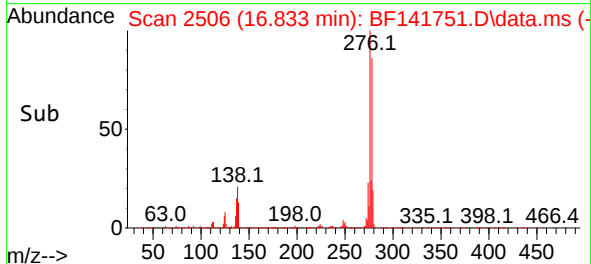
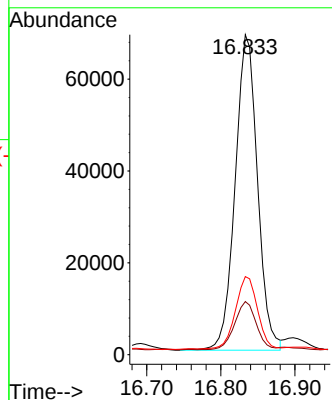
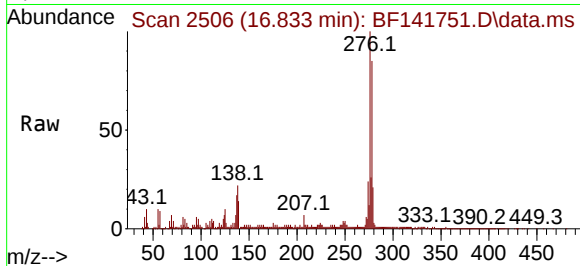




#91
Dibenzo(a,h)anthracene
Concen: 23.428 ng
RT: 16.833 min Scan# 21
Delta R.T. -0.059 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Instrument :
BNA_F
ClientSampleId :
BU-2-022125MS

Tgt Ion:278 Resp: 144008
Ion Ratio Lower Upper
278 100
139 16.6 11.8 17.6
279 24.4 19.1 28.7



#92
Benzo(g,h,i)perylene
Concen: 26.680 ng
RT: 17.256 min Scan# 2578
Delta R.T. -0.059 min
Lab File: BF141751.D
Acq: 24 Feb 2025 18:37

Tgt Ion:276 Resp: 171613
Ion Ratio Lower Upper
276 100
277 24.2 18.6 28.0
138 19.7 15.9 23.9

