

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
 Data File : BF142004.D
 Acq On : 19 Mar 2025 14:16
 Operator : RC/JU
 Sample : Q1598-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 72-11944MS

Quant Time: Mar 19 14:51:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	166671	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	619176	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	279274	20.000	ng	0.01
64) Phenanthrene-d10	11.439	188	407136	20.000	ng	# 0.04
76) Chrysene-d12	14.080	240	390346	20.000	ng	# 0.04
86) Perylene-d12	15.539	264	289373	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	972913	97.423	ng	0.01
7) Phenol-d6	6.510	99	1204364	94.720	ng	0.00
23) Nitrobenzene-d5	7.445	82	782885	71.155	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	433667	122.402	ng	0.03
45) 2-Fluorobiphenyl	9.239	172	1407381	76.640	ng	0.00
79) Terphenyl-d14	13.033	244	1473451	55.808	ng	0.05
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.675	88	157497	37.639	ng	98
3) Pyridine	3.452	79	367506	35.805	ng	99
4) n-Nitrosodimethylamine	3.387	42	174183	35.600	ng	97
6) Aniline	6.546	93	175235	13.970	ng	100
8) 2-Chlorophenol	6.663	128	424546	38.331	ng	99
9) Benzaldehyde	6.428	77	114707	16.130	ng	100
10) Phenol	6.522	94	497045	37.158	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	393840	39.210	ng	97
12) 1,3-Dichlorobenzene	6.822	146	459328	38.413	ng	99
13) 1,4-Dichlorobenzene	6.898	146	465841	38.504	ng	99
14) 1,2-Dichlorobenzene	7.051	146	445365	39.082	ng	98
15) Benzyl Alcohol	7.022	79	373662	36.351	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	406976	33.562	ng	94
17) 2-Methylphenol	7.134	107	330285	37.505	ng	98
18) Hexachloroethane	7.393	117	163468	36.031	ng	96
19) n-Nitroso-di-n-propyla...	7.293	70	281699	34.479	ng	100
20) 3+4-Methylphenols	7.281	107	419597	37.199	ng	# 82
22) Acetophenone	7.287	105	636870	42.951	ng	96
24) Nitrobenzene	7.463	77	421960	38.578	ng	99
25) Isophorone	7.698	82	761166	39.137	ng	100
26) 2-Nitrophenol	7.775	139	204405	38.076	ng	99
27) 2,4-Dimethylphenol	7.810	122	347914	47.067	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	459779	37.692	ng	100
29) 2,4-Dichlorophenol	8.016	162	344172	37.512	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	384253	38.003	ng	99
31) Naphthalene	8.187	128	1174323	36.921	ng	100
32) Benzoic acid	7.922	122	259211	39.893	ng	99
33) 4-Chloroaniline	8.240	127	78471	6.989	ng	96
34) Hexachlorobutadiene	8.298	225	268152	40.666	ng	98
35) Caprolactam	8.604	113	106107	37.932	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	354571	34.643	ng	100
37) 2-Methylnaphthalene	8.875	142	722406	33.980	ng	99
38) 1-Methylnaphthalene	8.975	142	693097	33.785	ng	100
40) 1,2,4,5-Tetrachloroben...	9.040	216	421721	49.598	ng	98
41) Hexachlorocyclopentadiene	9.028	237	223109	67.047	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	235456	42.372	ng	100

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031925\
 Data File : BF142004.D
 Acq On : 19 Mar 2025 14:16
 Operator : RC/JU
 Sample : Q1598-03MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

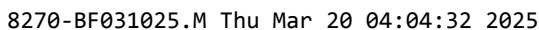
Instrument :
 BNA_F
 ClientSampleId :
 72-11944MS

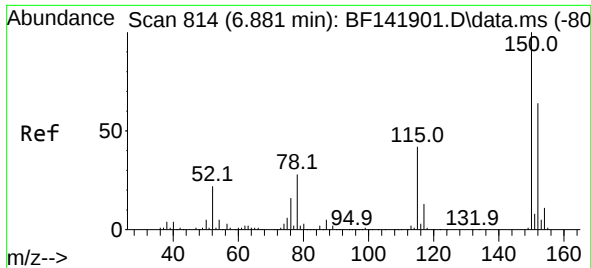
Quant Time: Mar 19 14:51:43 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	234369	41.643	ng	# 95
46) 1,1'-Biphenyl	9.339	154	996269	46.950	ng	100
47) 2-Chloronaphthalene	9.363	162	667140	42.181	ng	99
48) 2-Nitroaniline	9.457	65	201538	44.010	ng	99
49) Acenaphthylene	9.787	152	930110	39.629	ng	# 93
50) Dimethylphthalate	9.639	163	823696	42.118	ng	# 96
51) 2,6-Dinitrotoluene	9.698	165	177984	43.710	ng	# 79
52) Acenaphthene	9.963	154	571502	34.649	ng	98
53) 3-Nitroaniline	9.869	138	97620	23.634	ng	# 77
54) 2,4-Dinitrophenol	9.975	184	18120	13.762	ng	# 1
55) Dibenzofuran	10.134	168	824983	35.005	ng	99
56) 4-Nitrophenol	10.028	139	225512	72.398	ng	# 29
57) 2,4-Dinitrotoluene	10.104	165	198507	37.325	ng	# 79
58) Fluorene	10.486	166	643304	35.395	ng	92
59) 2,3,4,6-Tetrachlorophenol	10.251	232	179360	35.022	ng	# 90
60) Diethylphthalate	10.351	149	699985	35.895	ng	# 80
61) 4-Chlorophenyl-phenylether	10.475	204	377910	39.883	ng	93
62) 4-Nitroaniline	10.481	138	76997	19.148	ng	# 82
63) Azobenzene	10.639	77	541700	29.879	ng	# 77
65) 4,6-Dinitro-2-methylph...	10.516	198	15229	6.275	ng	# 1
66) n-Nitrosodiphenylamine	10.586	169	541672	41.113	ng	98
67) 4-Bromophenyl-phenylether	10.975	248	224801	43.965	ng	99
68) Hexachlorobenzene	11.051	284	273544	48.778	ng	# 92
69) Atrazine	11.157	200	222247	55.026	ng	# 40
70) Pentachlorophenol	11.245	266	340482	98.541	ng	99
71) Phenanthrene	11.469	178	908917	41.332	ng	# 79
72) Anthracene	11.522	178	863745	39.150	ng	# 83
73) Carbazole	11.669	167	715093	37.583	ng	# 79
74) Di-n-butylphthalate	12.004	149	951556	37.691	ng	# 85
75) Fluoranthene	12.675	202	1305309	55.957	ng	90
78) Pyrene	12.904	202	1294868	38.349	ng	# 93
80) Butylbenzylphthalate	13.498	149	411652	31.148	ng	94
81) Benzo(a)anthracene	14.074	228	1202956	46.964	ng	98
82) 3,3'-Dichlorobenzidine	14.033	252	11840	1.600	ng	# 37
83) Chrysene	14.110	228	1037406	44.679	ng	98
84) Bis(2-ethylhexyl)phtha...	14.045	149	688983	37.811	ng	# 94
85) Di-n-octyl phthalate	14.645	149	1023535	40.370	ng	# 94
87) Indeno(1,2,3-cd)pyrene	17.027	276	717918	38.352	ng	95
88) Benzo(b)fluoranthene	15.110	252	1058122	53.353	ng	98
89) Benzo(k)fluoranthene	15.139	252	685706	40.402	ng	98
90) Benzo(a)pyrene	15.480	252	756515	48.751	ng	99
91) Dibenzo(a,h)anthracene	17.039	278	547930	35.477	ng	99
92) Benzo(g,h,i)perylene	17.474	276	549597	36.010	ng	96

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

Quant Time: Mar 19 14:51:43 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 10 15:46:22 2025
Response via : Initial Calibration

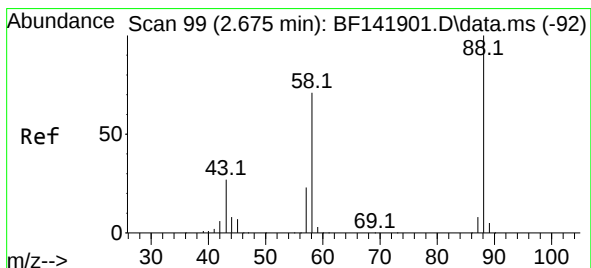
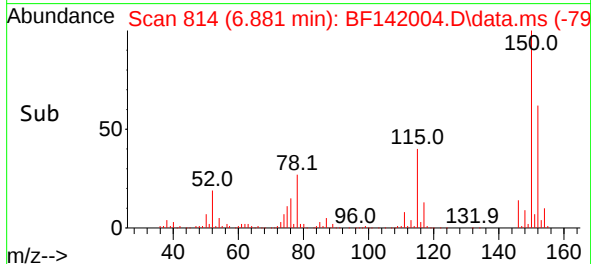
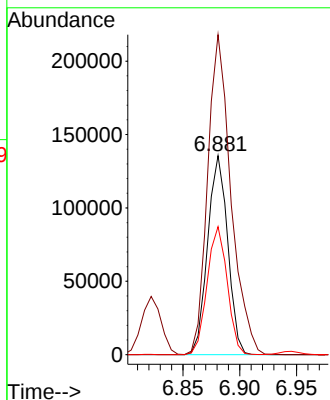
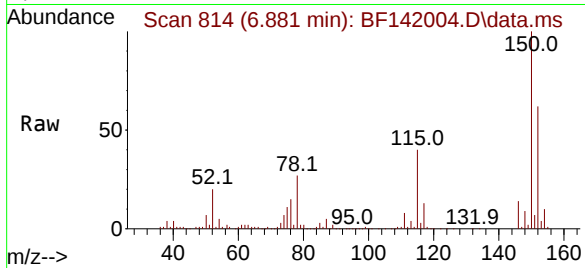




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 814
 Delta R.T. -0.000 min
 Lab File: BF142004.D
 Acq: 19 Mar 2025 14:16

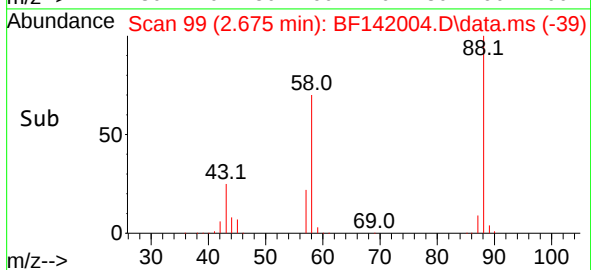
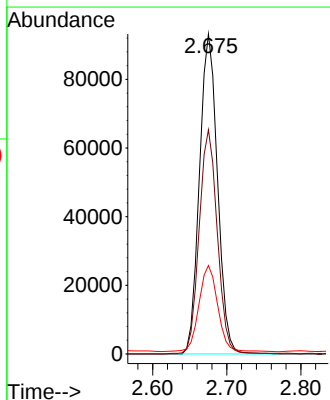
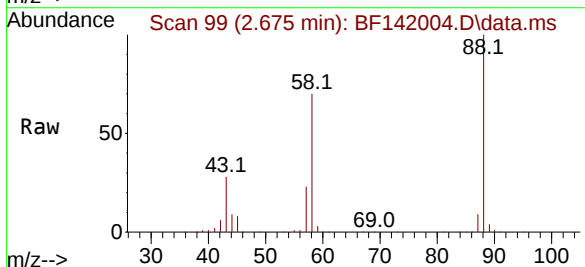
Instrument :
 BNA_F
 ClientSampleId :
 72-11944MS

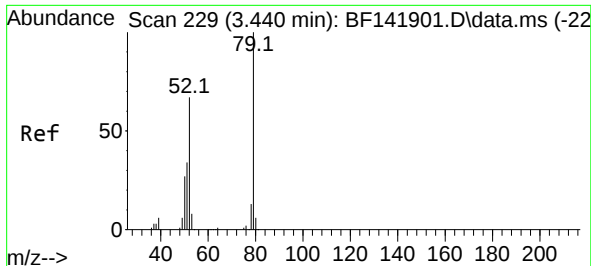
Tgt Ion:152 Resp: 166671
 Ion Ratio Lower Upper
 152 100
 150 160.8 127.4 191.2
 115 64.3 51.9 77.9



#2
 1,4-Dioxane
 Concen: 37.639 ng
 RT: 2.675 min Scan# 99
 Delta R.T. 0.000 min
 Lab File: BF142004.D
 Acq: 19 Mar 2025 14:16

Tgt Ion: 88 Resp: 157497
 Ion Ratio Lower Upper
 88 100
 58 70.7 57.4 86.2
 43 28.1 21.5 32.3





#3

Pyridine

Concen: 35.805 ng

RT: 3.452 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

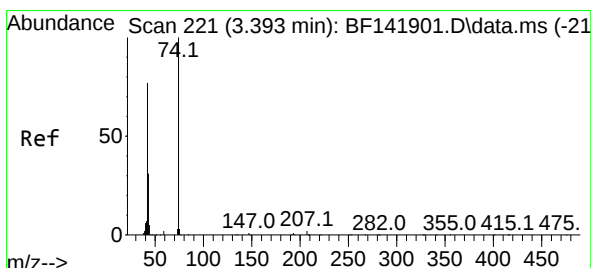
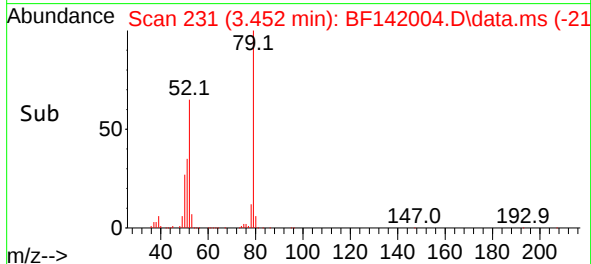
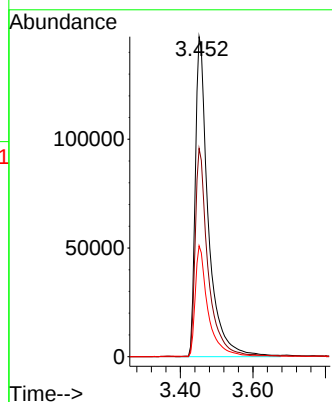
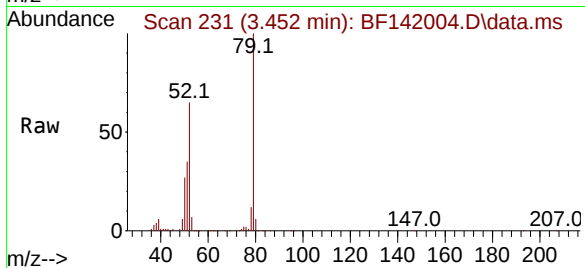
Tgt Ion: 79 Resp: 367506

Ion Ratio Lower Upper

79 100

52 65.1 53.3 79.9

51 34.6 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 35.600 ng

RT: 3.387 min Scan# 220

Delta R.T. -0.006 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

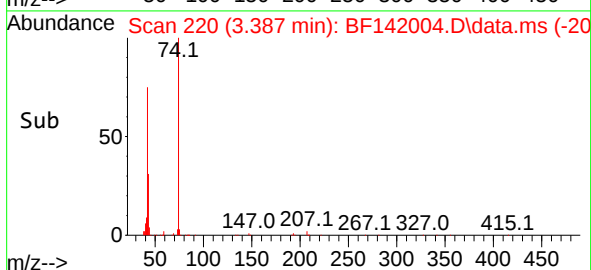
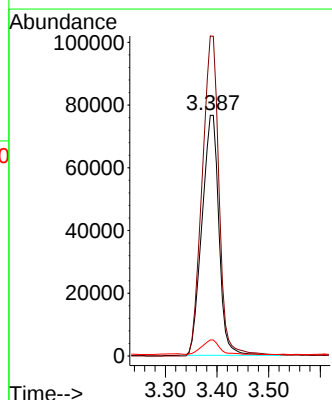
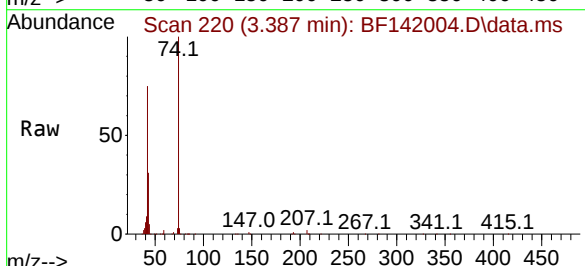
Tgt Ion: 42 Resp: 174183

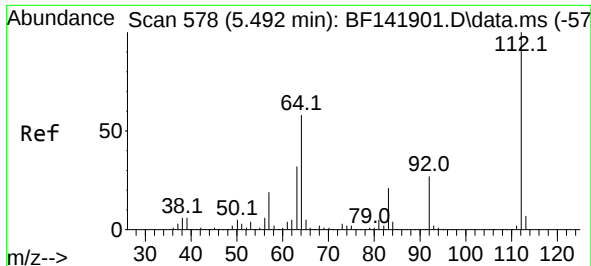
Ion Ratio Lower Upper

42 100

74 132.9 103.4 155.0

44 6.6 5.0 7.4

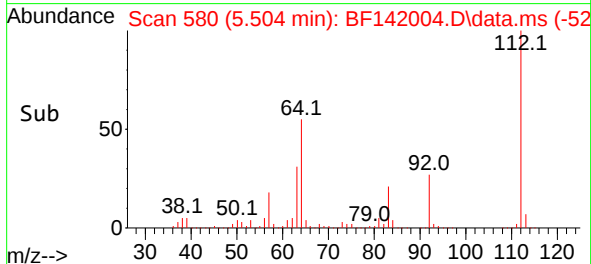
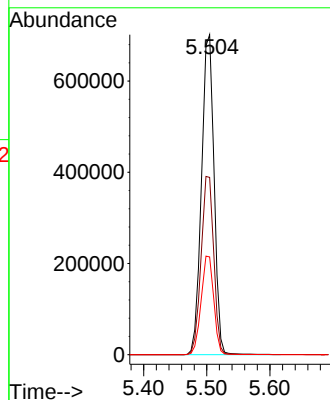
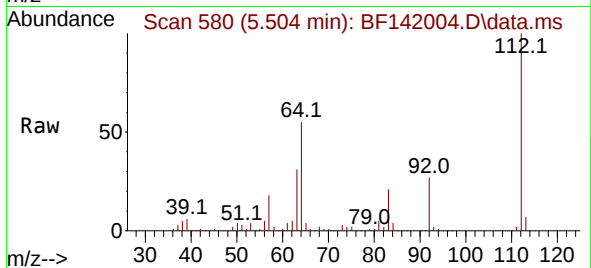




#5
2-Fluorophenol
Concen: 97.423 ng
RT: 5.504 min Scan# 51
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

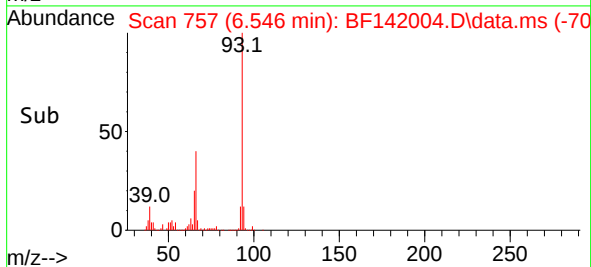
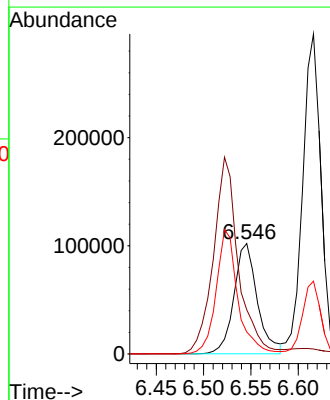
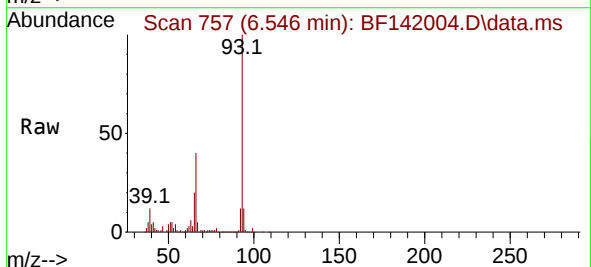
Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion:112 Resp: 972913
Ion Ratio Lower Upper
112 100
64 55.4 46.5 69.7
63 30.6 25.4 38.2



#6
Aniline
Concen: 13.970 ng
RT: 6.546 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 93 Resp: 175235
Ion Ratio Lower Upper
93 100
66 40.0 31.9 47.9
65 19.9 15.8 23.6



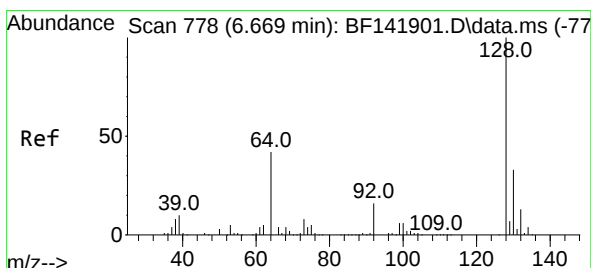
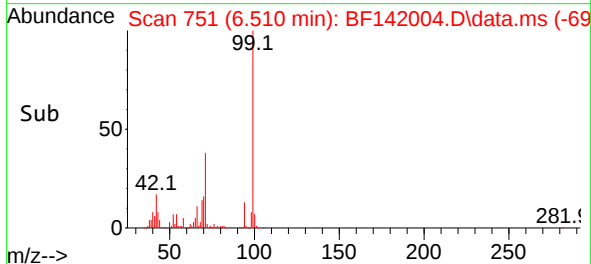
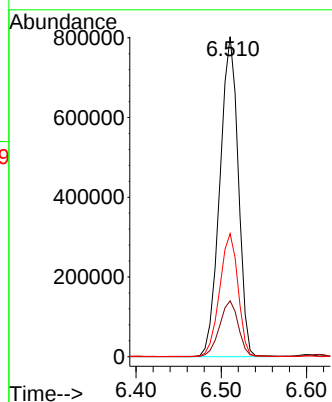
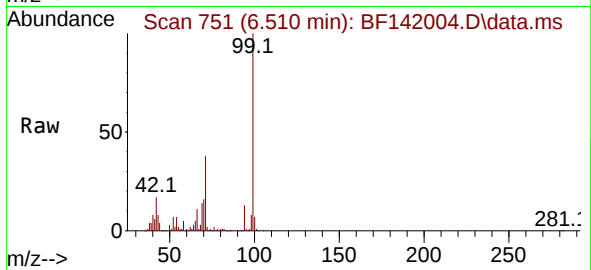


#7
Phenol-d6
Concen: 94.720 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion: 99 Resp: 1204364

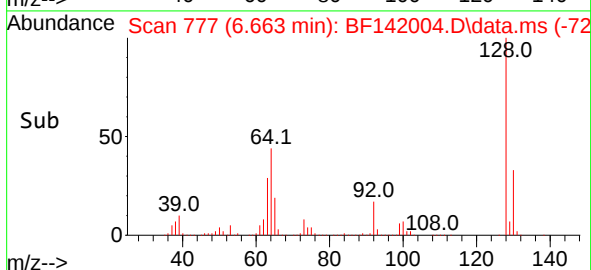
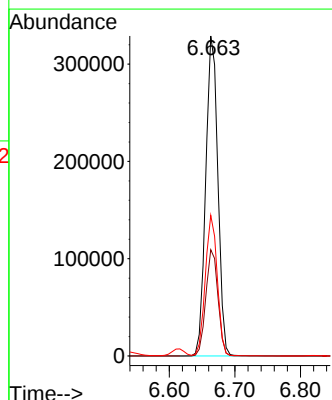
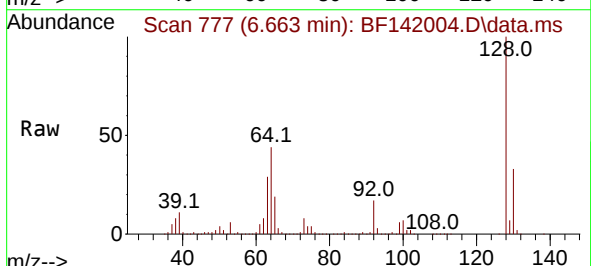
Ion	Ratio	Lower	Upper
99	100		
42	17.5	14.6	21.8
71	38.5	30.8	46.2



#8
2-Chlorophenol
Concen: 38.331 ng
RT: 6.663 min Scan# 777
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 128 Resp: 424546

Ion	Ratio	Lower	Upper
128	100		
130	33.2	12.8	52.8
64	43.9	24.4	64.4

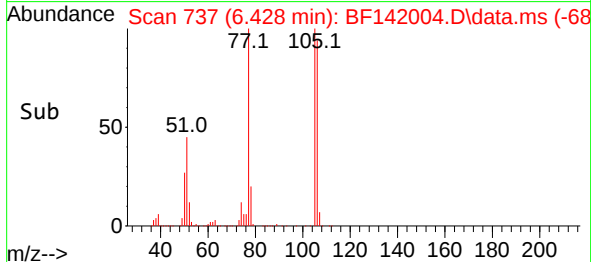
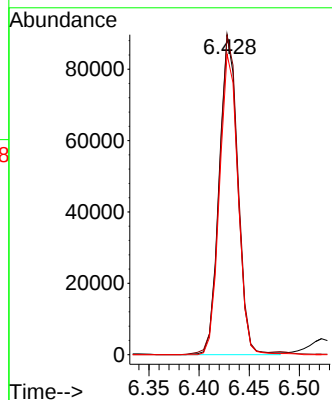
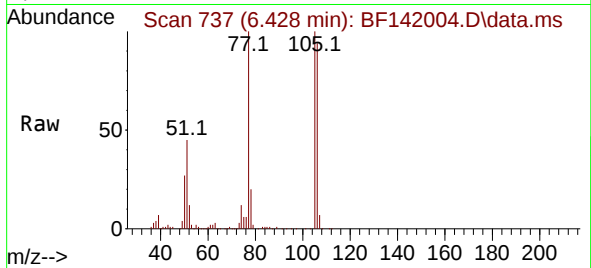




#9
Benzaldehyde
Concen: 16.130 ng
RT: 6.428 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

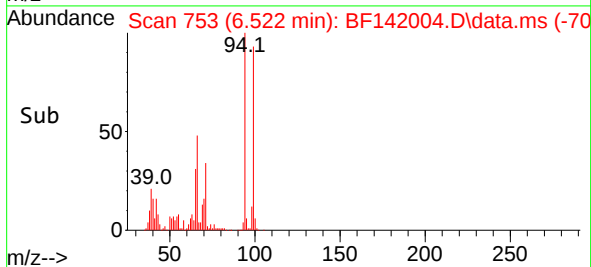
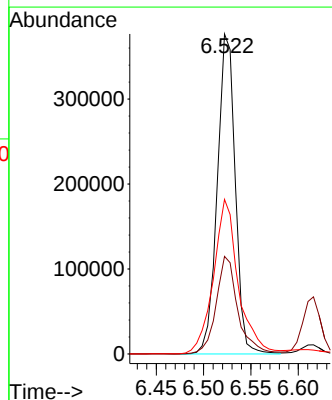
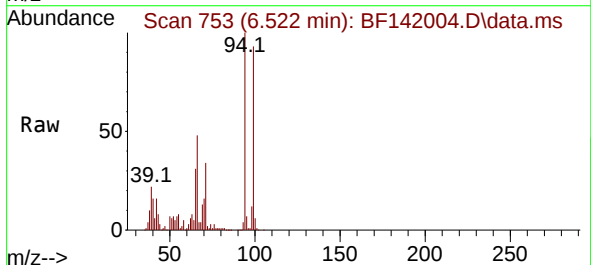
Instrument :
BNA_F
ClientSampleId :
72-11944MS

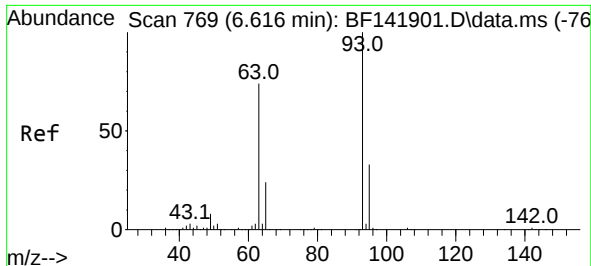
Tgt Ion: 77 Resp: 114707
Ion Ratio Lower Upper
77 100
105 99.7 80.0 120.0
106 93.9 74.5 114.5



#10
Phenol
Concen: 37.158 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 94 Resp: 497045
Ion Ratio Lower Upper
94 100
65 30.5 10.5 50.5
66 48.3 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 39.210 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

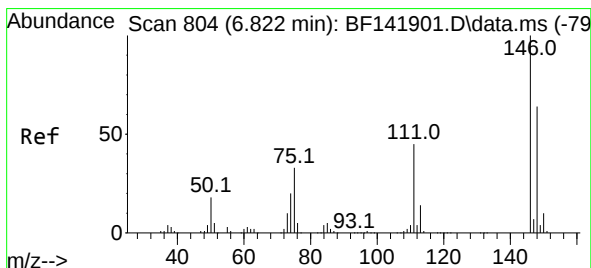
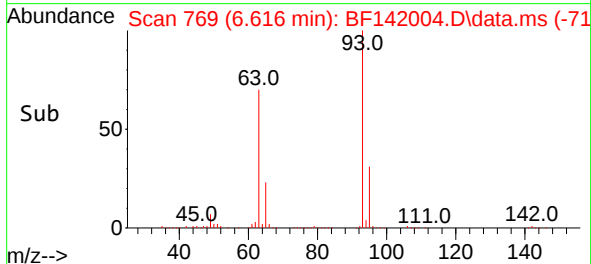
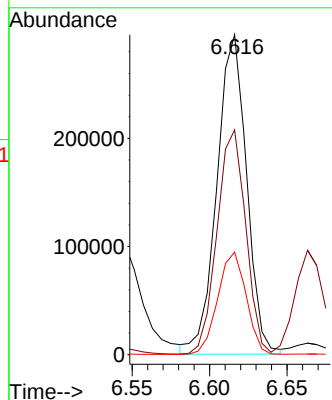
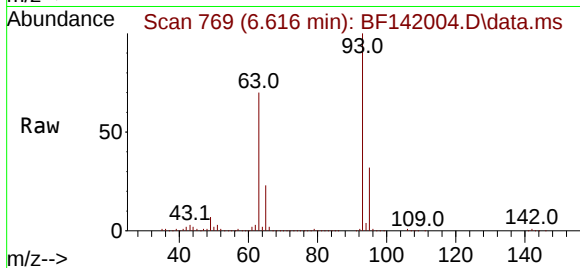
Tgt Ion: 93 Resp: 393840

Ion Ratio Lower Upper

93 100

63 70.3 53.0 93.0

95 32.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.413 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

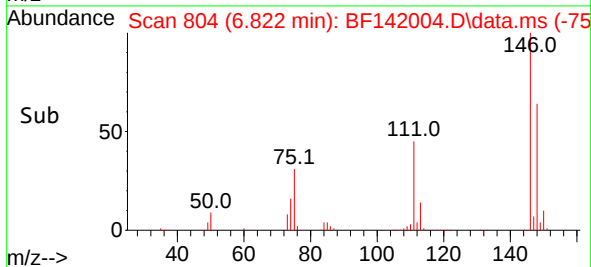
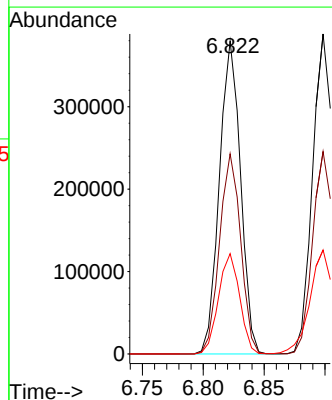
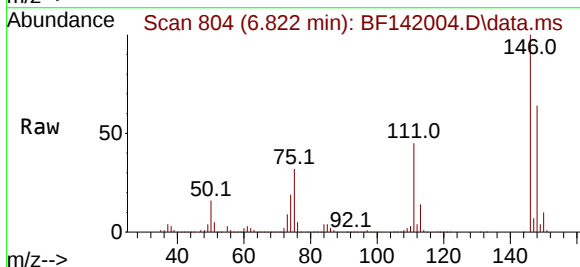
Tgt Ion: 146 Resp: 459328

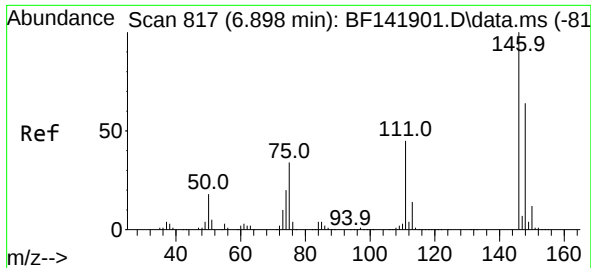
Ion Ratio Lower Upper

146 100

148 64.0 51.3 76.9

75 32.1 26.6 40.0

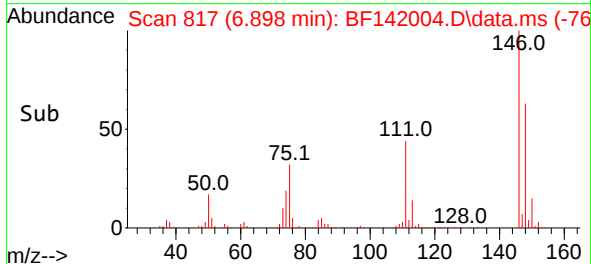
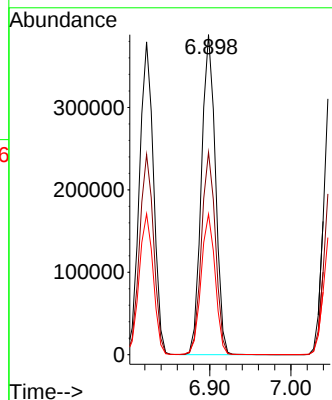
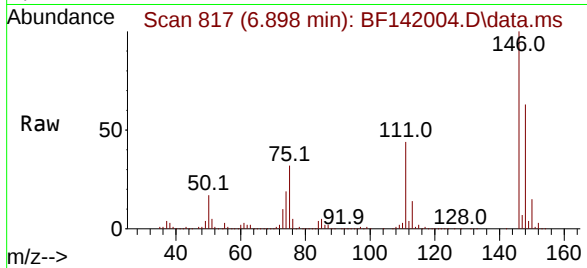




#13
1,4-Dichlorobenzene
Concen: 38.504 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

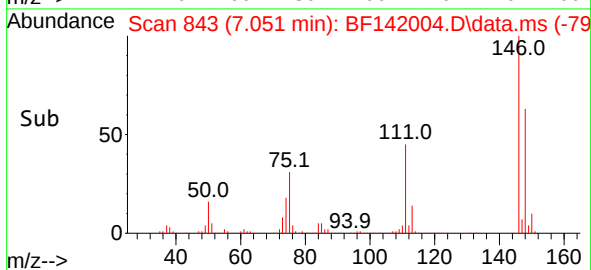
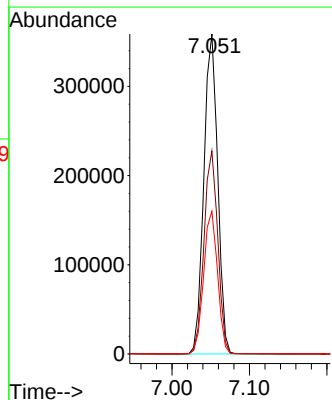
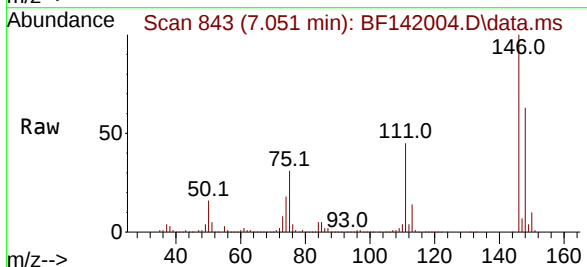
Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion:146 Resp: 465841
Ion Ratio Lower Upper
146 100
148 63.3 51.0 76.6
111 43.9 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 39.082 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:146 Resp: 445365
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
111 44.6 38.0 57.0

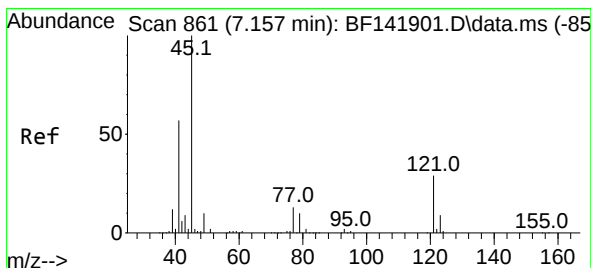
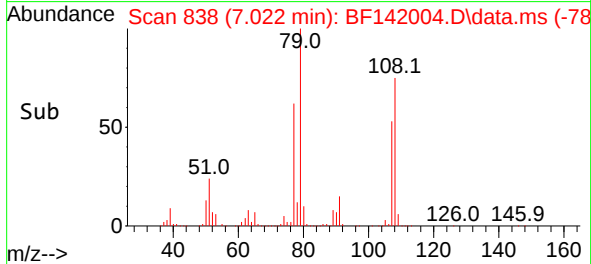
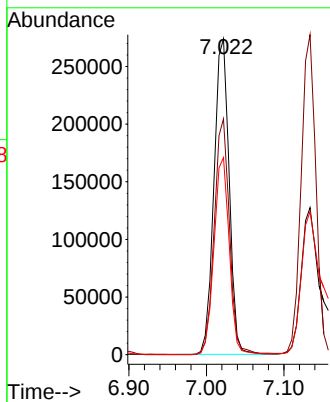
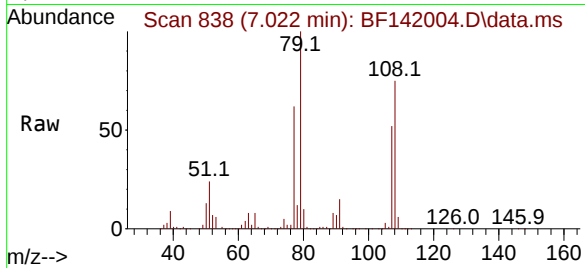




#15
Benzyl Alcohol
Concen: 36.351 ng
RT: 7.022 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

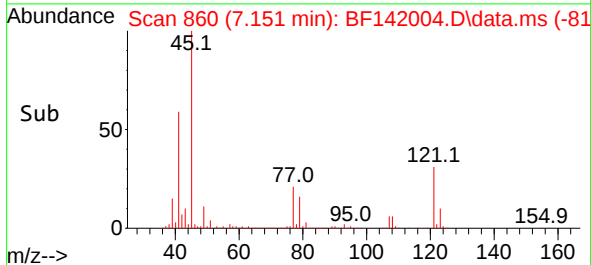
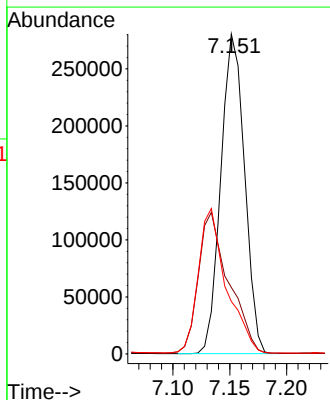
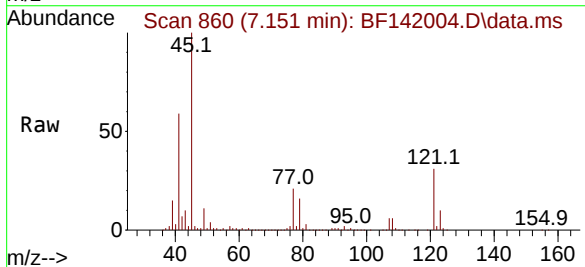
Instrument :
BNA_F
ClientSampleId :
72-11944MS

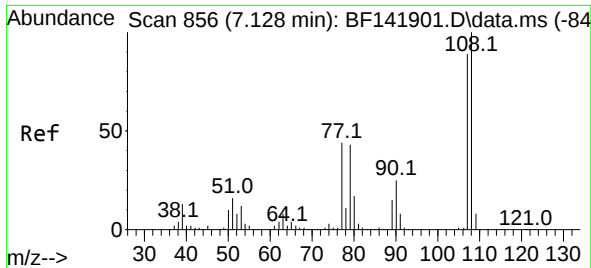
Tgt Ion: 79 Resp: 373662
Ion Ratio Lower Upper
79 100
108 74.7 59.7 89.5
77 62.4 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 33.562 ng
RT: 7.151 min Scan# 860
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 45 Resp: 406976
Ion Ratio Lower Upper
45 100
77 20.8 0.0 37.8
79 16.4 0.0 34.2

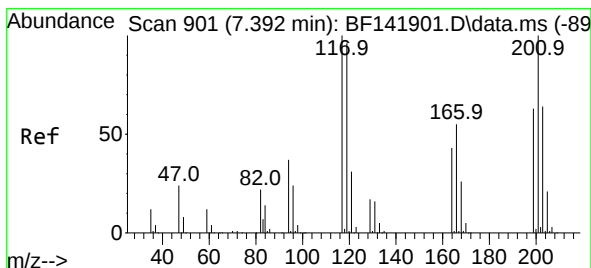
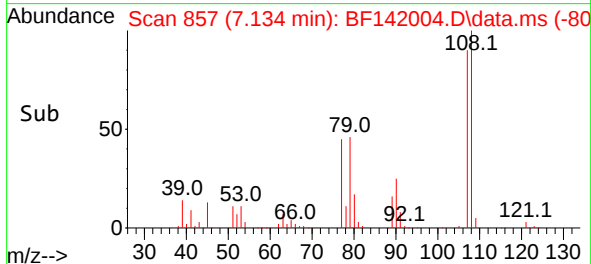
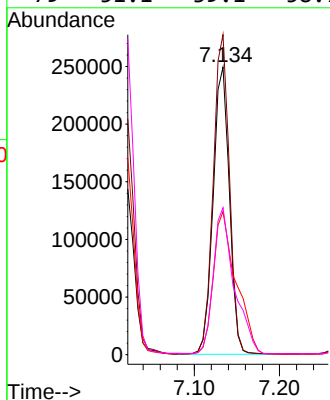
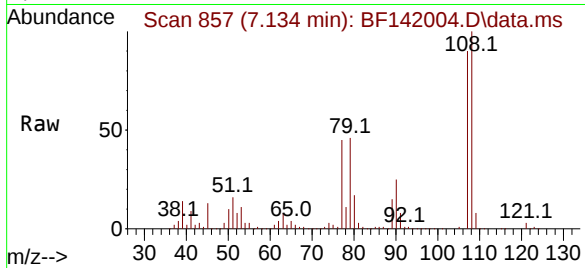




#17
2-Methylphenol
Concen: 37.505 ng
RT: 7.134 min Scan# 856
Delta R.T. 0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

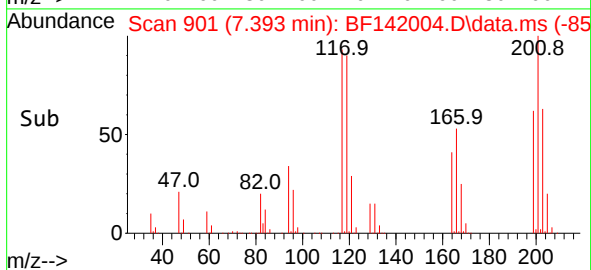
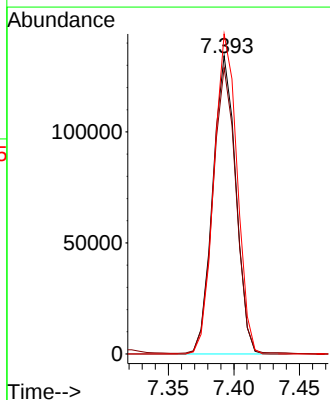
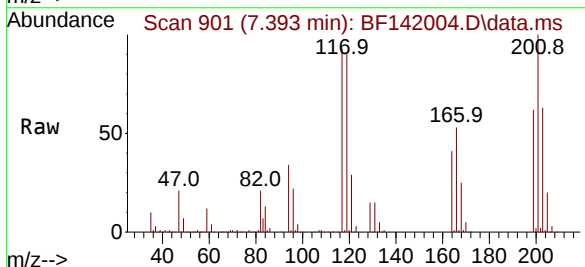
Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion:	107	Resp:	330285
Ion	Ratio	Lower	Upper
107	100		
108	111.3	90.2	135.2
77	49.8	39.6	59.4
79	51.1	39.1	58.7



#18
Hexachloroethane
Concen: 36.031 ng
RT: 7.393 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:	117	Resp:	163468
Ion	Ratio	Lower	Upper
117	100		
119	96.0	76.9	115.3
201	107.3	79.9	119.9

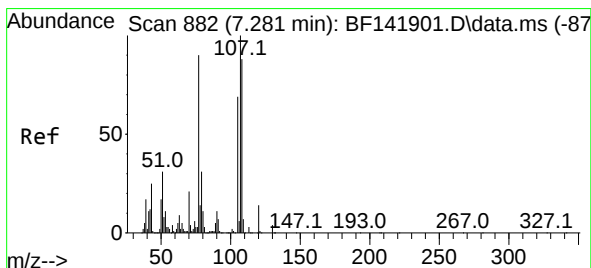
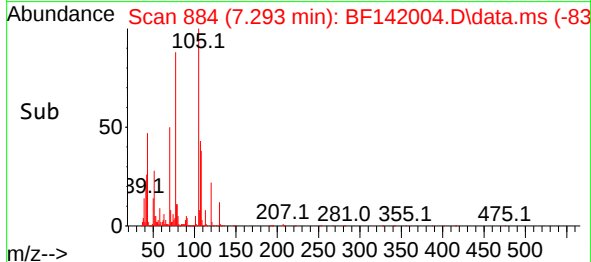
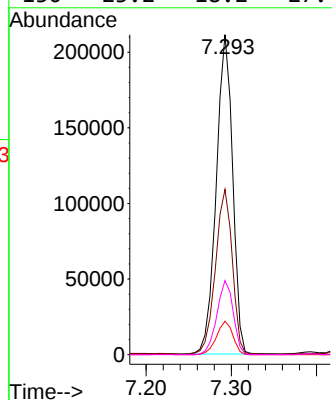
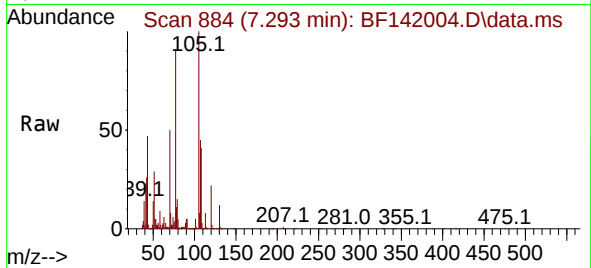




#19
n-Nitroso-di-n-propylamine
Concen: 34.479 ng
RT: 7.293 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

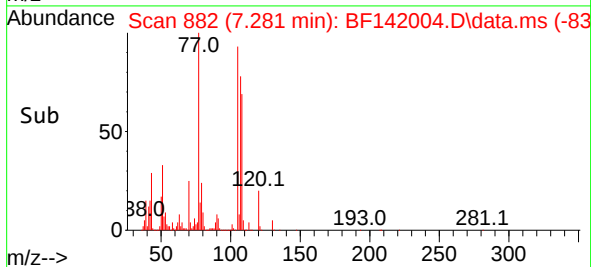
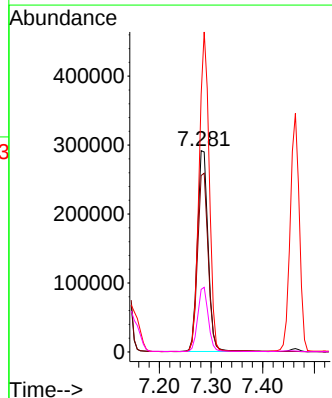
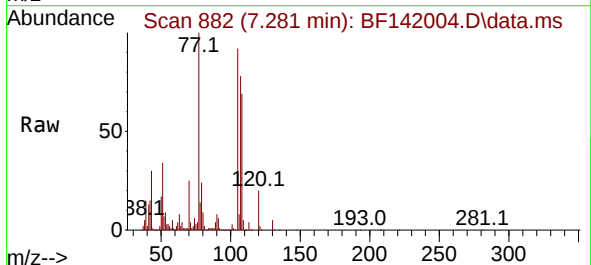
Instrument :
BNA_F
ClientSampleId :
72-11944MS

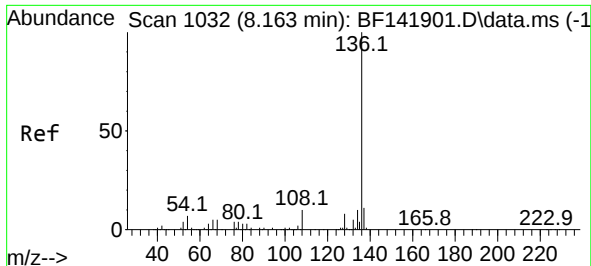
Tgt Ion: 70 Resp: 281699
Ion Ratio Lower Upper
70 100
42 51.7 41.4 62.0
101 10.4 8.2 12.2
130 23.2 18.2 27.4



#20
3+4-Methylphenols
Concen: 37.199 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:107 Resp: 419597
Ion Ratio Lower Upper
107 100
108 87.7 68.4 108.4
77 128.0 69.7 109.7#
79 31.1 11.4 51.4



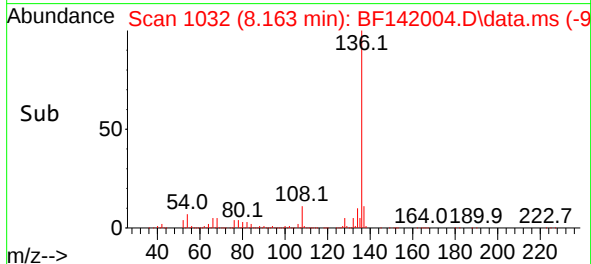
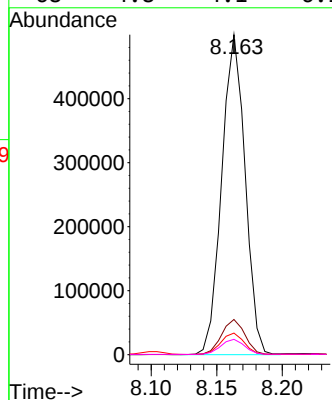
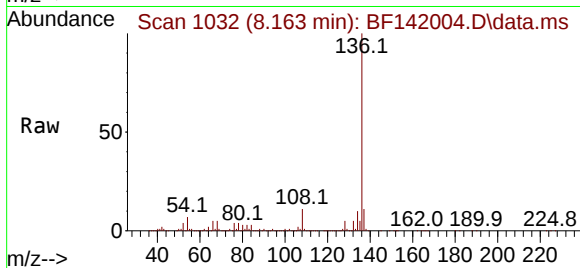


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion:136 Resp: 619176

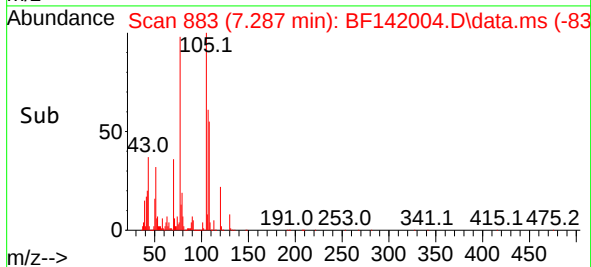
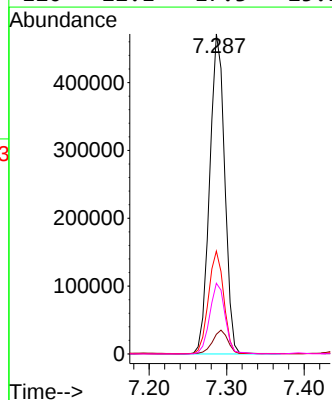
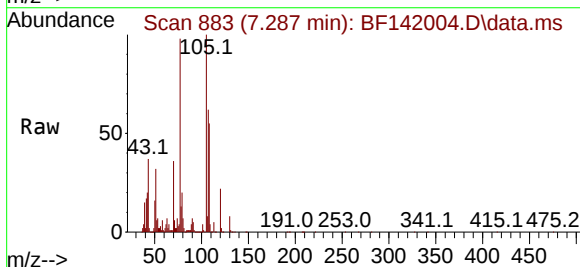
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	5.8	8.8
68	4.8	4.1	6.1

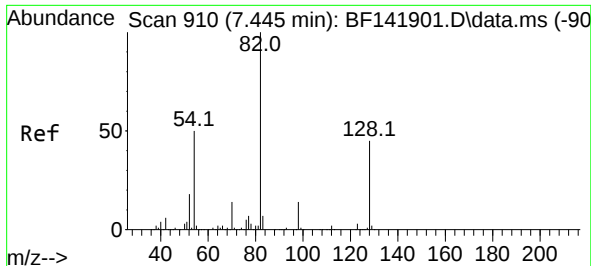


#22
Acetophenone
Concen: 42.951 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:105 Resp: 636870

Ion	Ratio	Lower	Upper
105	100		
71	6.1	5.8	8.8
51	32.1	23.4	35.0
120	22.1	17.3	25.9





#23

Nitrobenzene-d5

Concen: 71.155 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

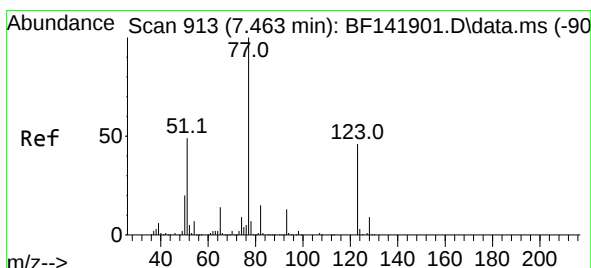
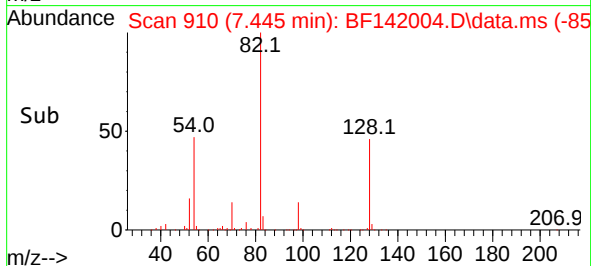
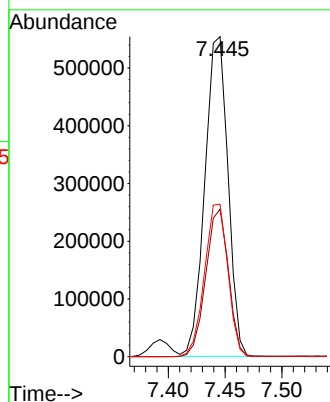
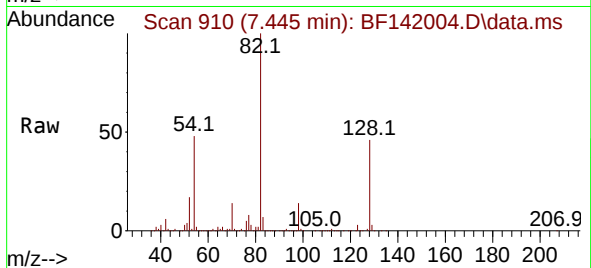
Tgt Ion: 82 Resp: 782885

Ion Ratio Lower Upper

82 100

128 46.1 36.0 54.0

54 47.6 39.6 59.4



#24

Nitrobenzene

Concen: 38.578 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

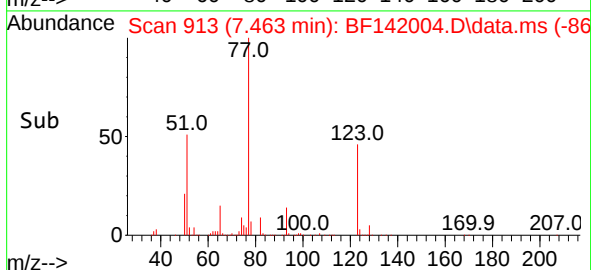
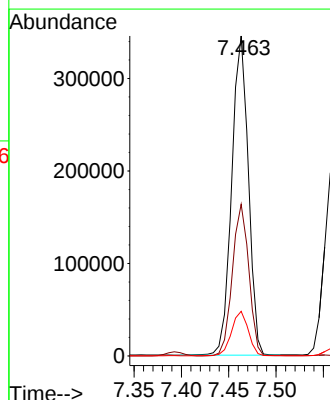
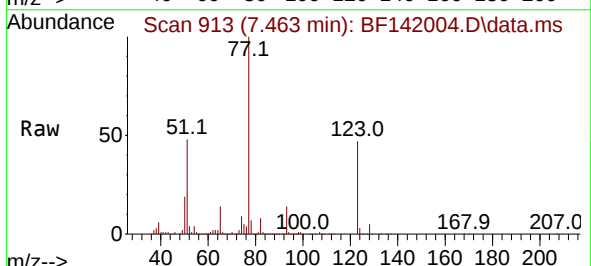
Tgt Ion: 77 Resp: 421960

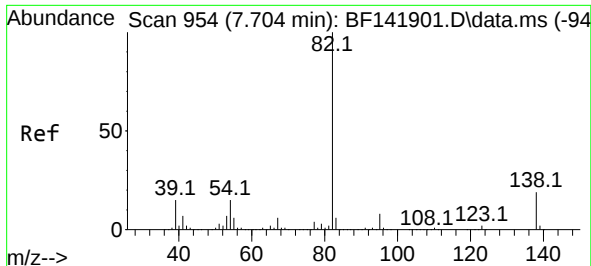
Ion Ratio Lower Upper

77 100

123 47.4 37.0 55.4

65 13.9 11.3 16.9

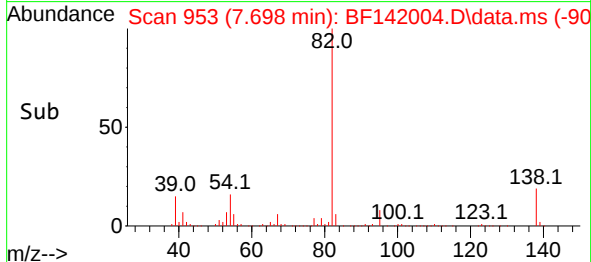
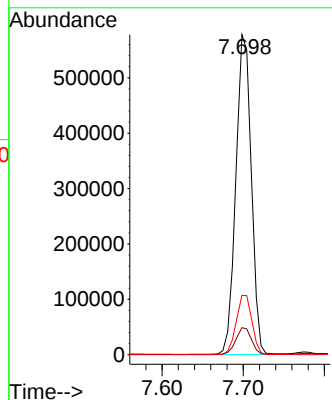
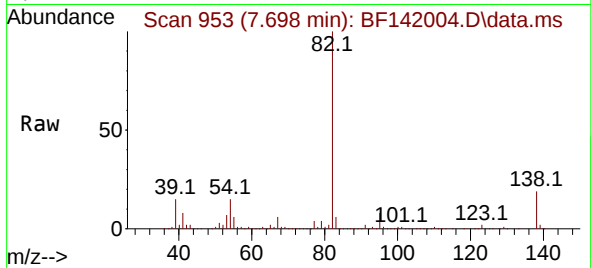




#25
Isophorone
Concen: 39.137 ng
RT: 7.698 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

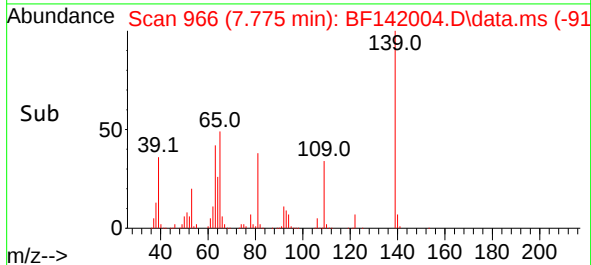
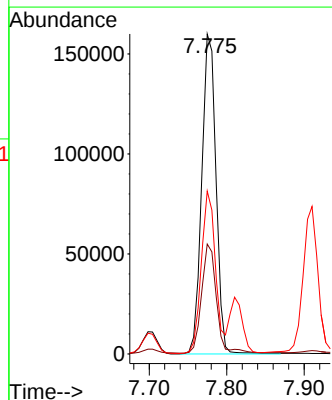
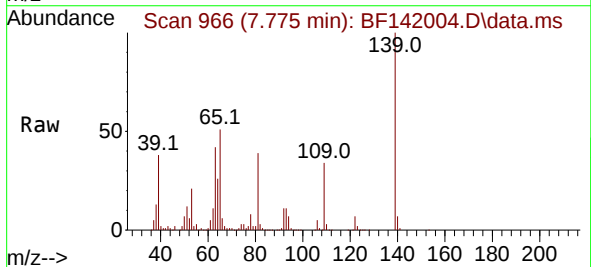
Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion: 82 Resp: 761166
Ion Ratio Lower Upper
82 100
95 8.4 6.4 9.6
138 18.6 14.9 22.3



#26
2-Nitrophenol
Concen: 38.076 ng
RT: 7.775 min Scan# 966
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:139 Resp: 204405
Ion Ratio Lower Upper
139 100
109 34.3 26.5 39.7
65 50.9 40.3 60.5





#27

2,4-Dimethylphenol

Concen: 47.067 ng

RT: 7.810 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF142004.D

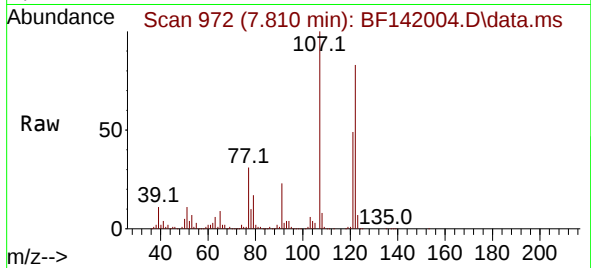
Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS



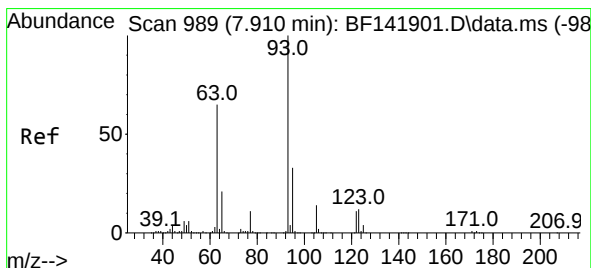
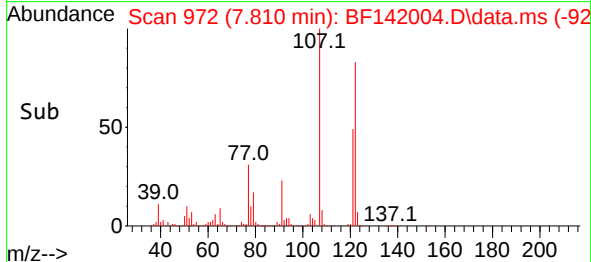
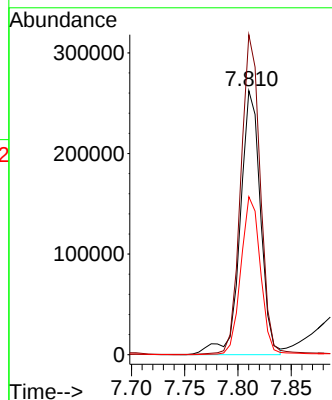
Tgt Ion:122 Resp: 347914

Ion Ratio Lower Upper

122 100

107 121.2 94.8 142.2

121 59.8 47.8 71.6



#28

bis(2-Chloroethoxy)methane

Concen: 37.692 ng

RT: 7.910 min Scan# 989

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

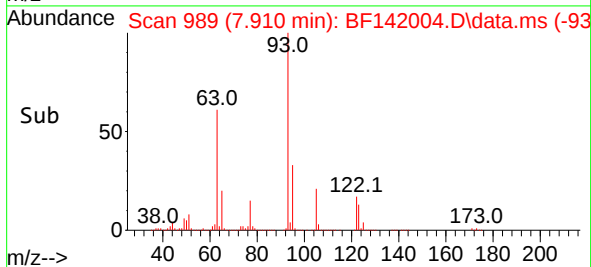
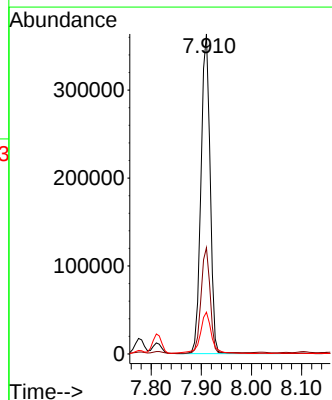
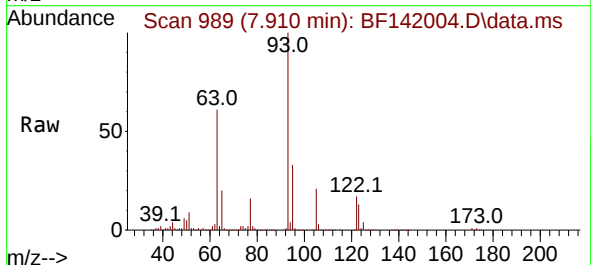
Tgt Ion: 93 Resp: 459779

Ion Ratio Lower Upper

93 100

95 33.2 26.6 40.0

123 13.0 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 37.512 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

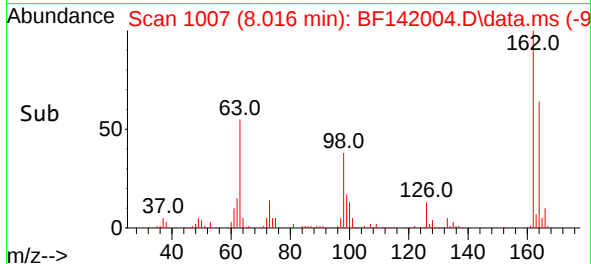
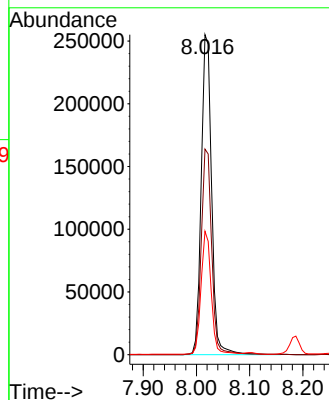
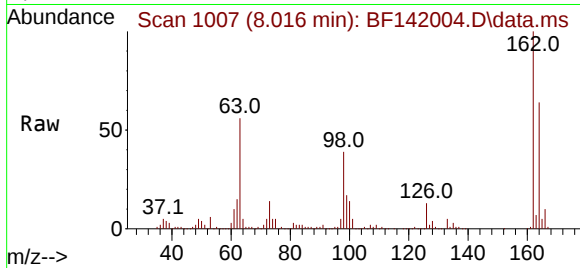
Tgt Ion:162 Resp: 344172

Ion Ratio Lower Upper

162 100

164 64.2 43.8 83.8

98 38.5 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.003 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

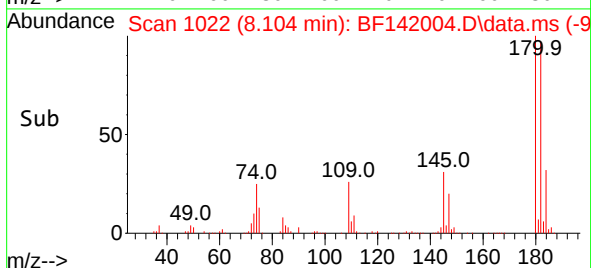
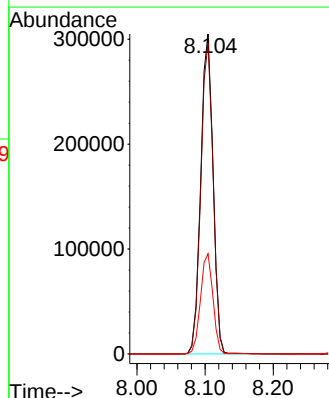
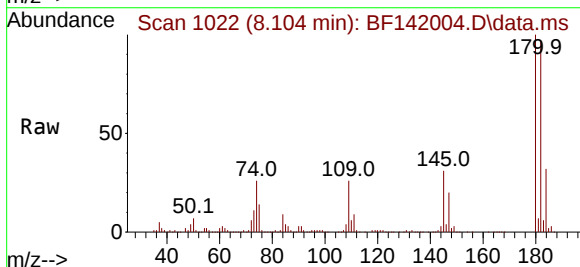
Tgt Ion:180 Resp: 384253

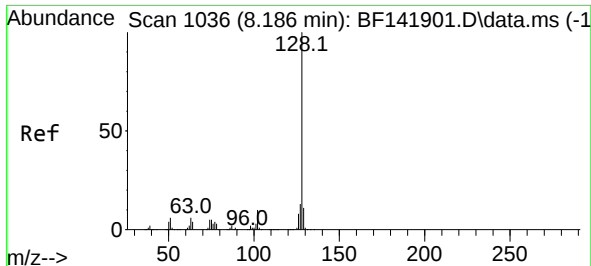
Ion Ratio Lower Upper

180 100

182 97.3 77.5 116.3

145 31.4 25.8 38.6

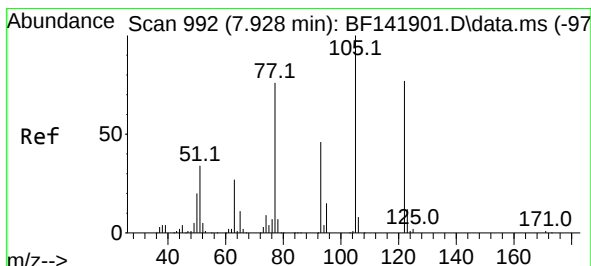
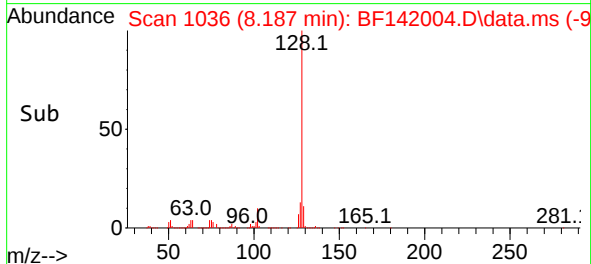
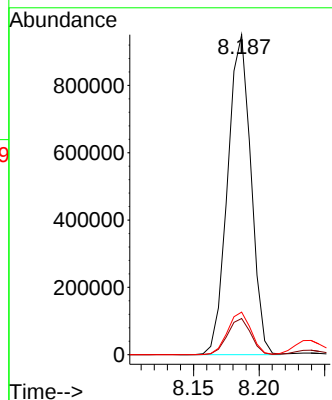
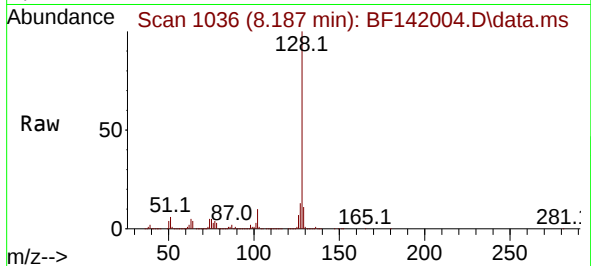




#31
Naphthalene
Concen: 36.921 ng
RT: 8.187 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

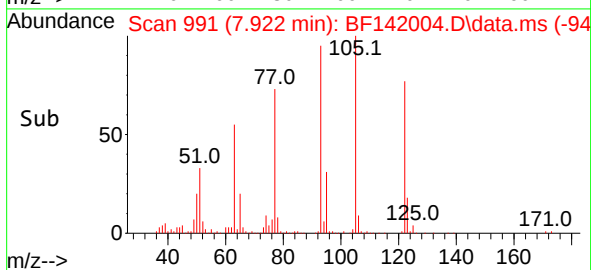
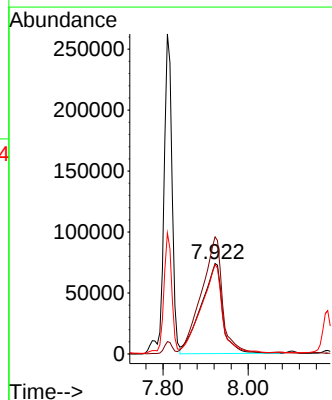
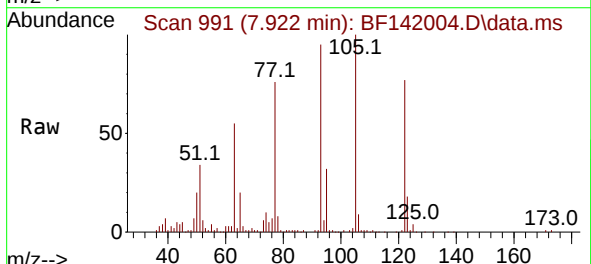
Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion:128 Resp: 1174323
Ion Ratio Lower Upper
128 100
129 11.3 9.0 13.6
127 13.3 10.8 16.2



#32
Benzoic acid
Concen: 39.893 ng
RT: 7.922 min Scan# 991
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:122 Resp: 259211
Ion Ratio Lower Upper
122 100
105 129.4 107.9 147.9
77 98.8 79.0 119.0

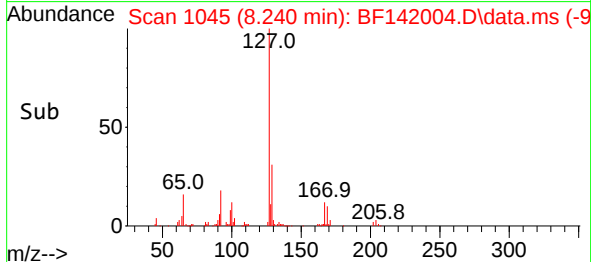
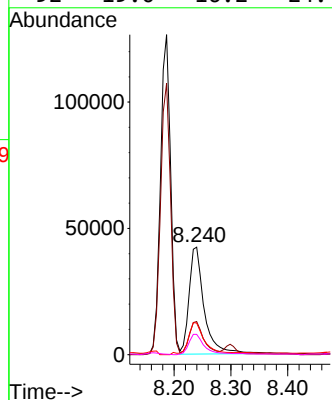
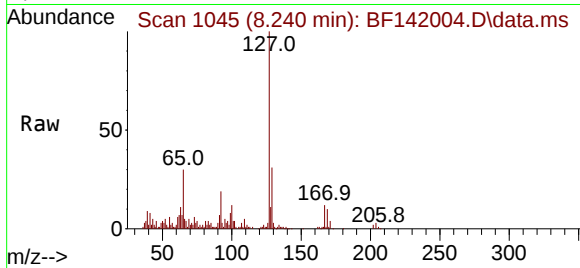




#33
4-Chloroaniline
Concen: 6.989 ng
RT: 8.240 min Scan# 1043
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

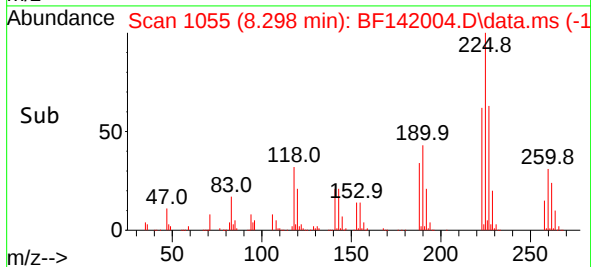
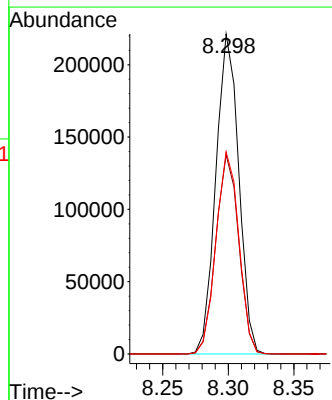
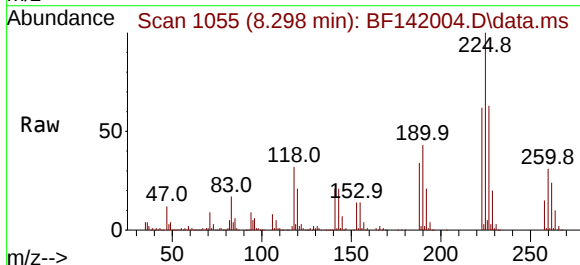
Instrument :
BNA_F
ClientSampleId :
72-11944MS

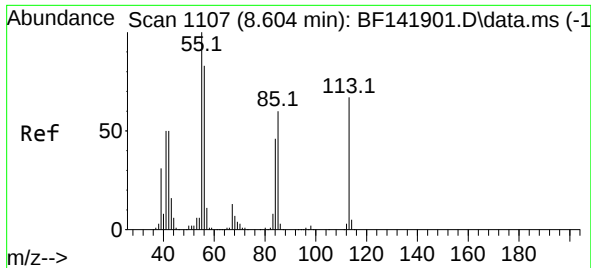
Tgt Ion:127	Resp:	78471
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.2 39.4
65	29.6	25.4 38.2
92	19.0	16.2 24.4



#34
Hexachlorobutadiene
Concen: 40.666 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:225	Resp:	268152
Ion Ratio	Lower	Upper
225	100	
223	62.2	50.6 75.8
227	63.2	52.2 78.2

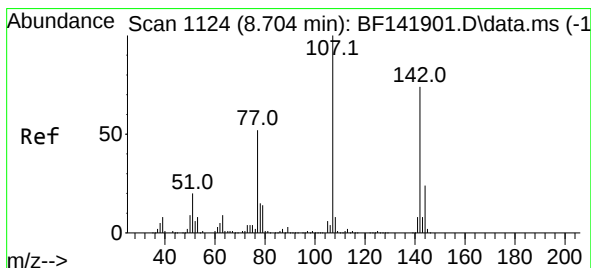
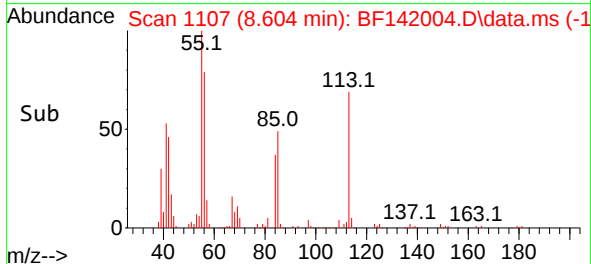
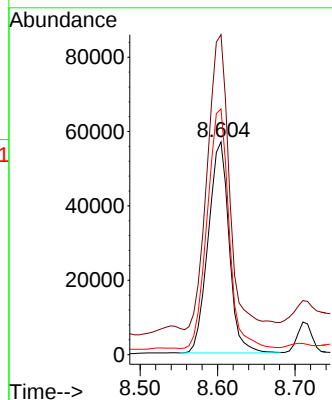
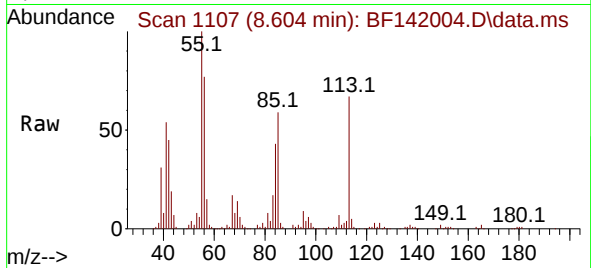




#35
Caprolactam
Concen: 37.932 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

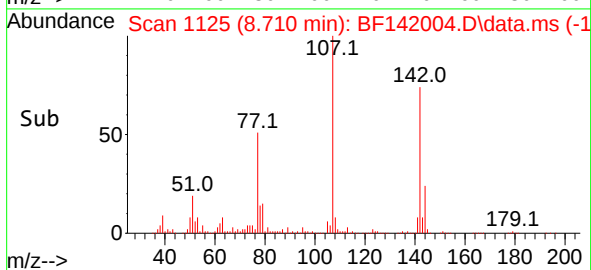
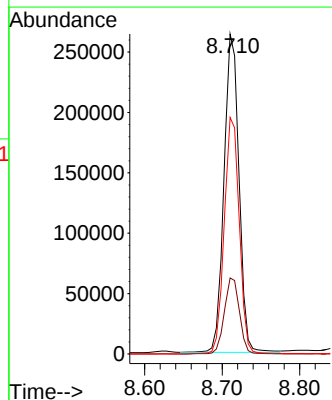
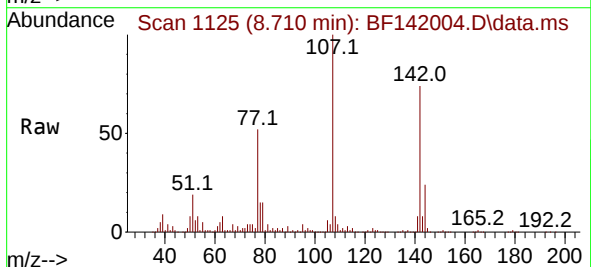
Instrument :
BNA_F
ClientSampleId :
72-11944MS

Tgt Ion:113 Resp: 106107
Ion Ratio Lower Upper
113 100
55 150.4 129.6 169.6
56 115.5 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 34.643 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:107 Resp: 354571
Ion Ratio Lower Upper
107 100
144 23.8 19.0 28.6
142 73.9 59.2 88.8

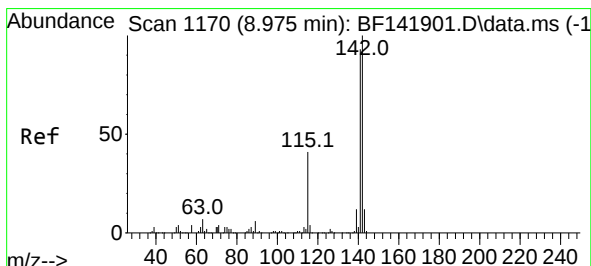
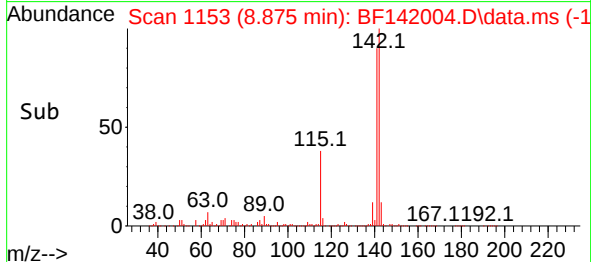
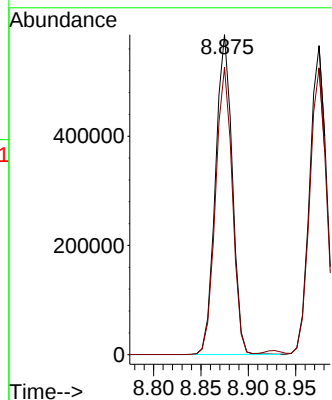
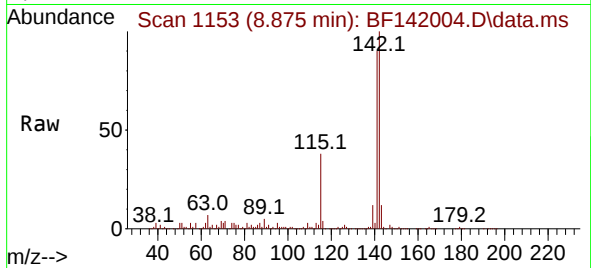




#37
2-Methylnaphthalene
Concen: 33.980 ng
RT: 8.875 min Scan# 1153
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

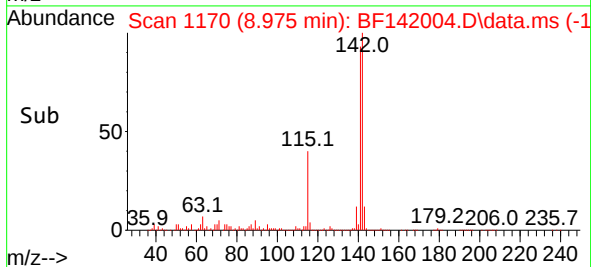
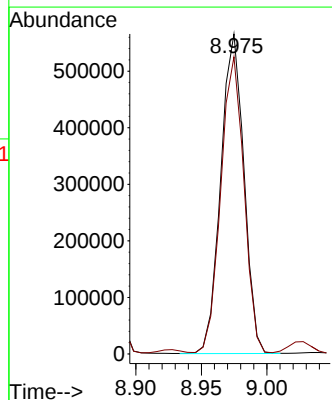
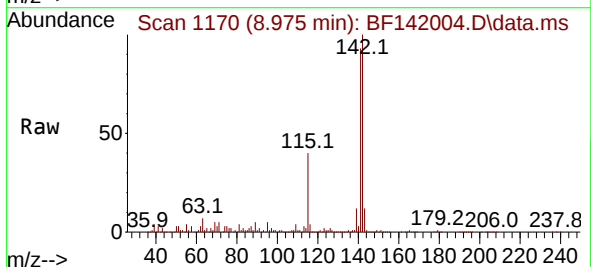
Instrument :
BNA_F
ClientSampleId :
72-11944MS

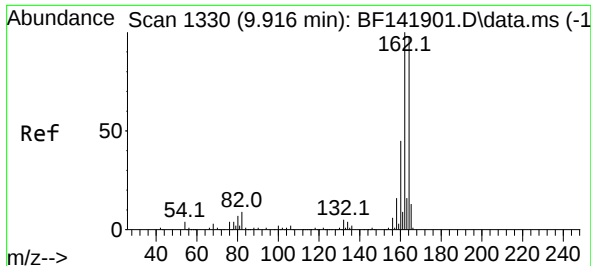
Tgt Ion:142 Resp: 722406
Ion Ratio Lower Upper
142 100
141 89.8 71.2 106.8



#38
1-Methylnaphthalene
Concen: 33.785 ng
RT: 8.975 min Scan# 1170
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:142 Resp: 693097
Ion Ratio Lower Upper
142 100
141 92.9 74.2 111.4

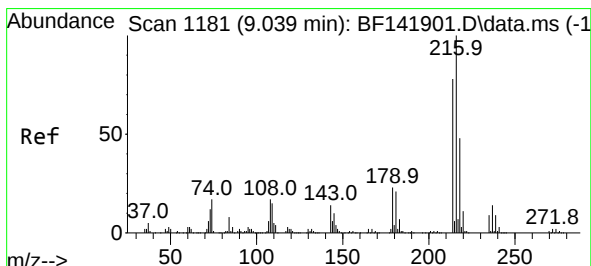
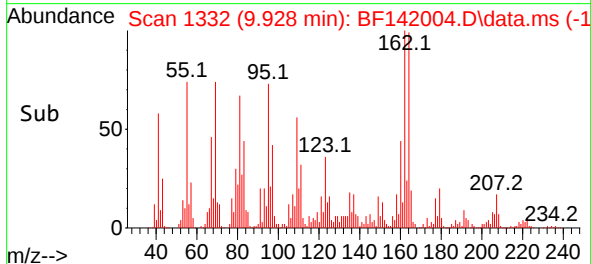
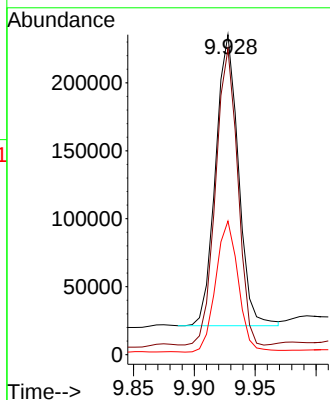
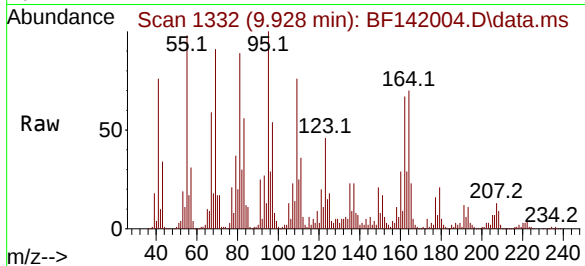




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 11332
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

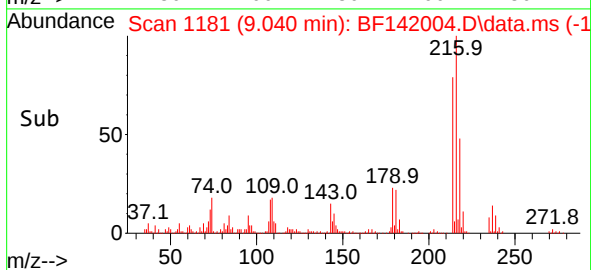
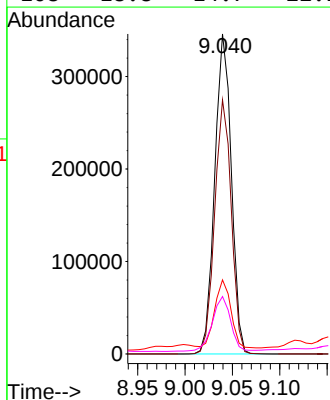
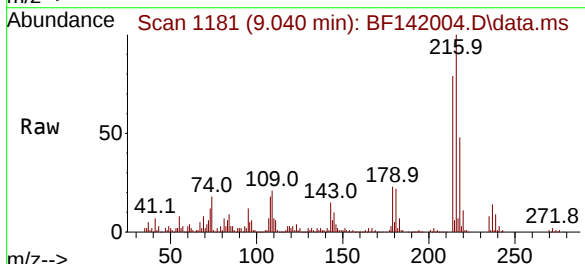
Instrument :
BNA_F
ClientSampleId :
72-11944MS

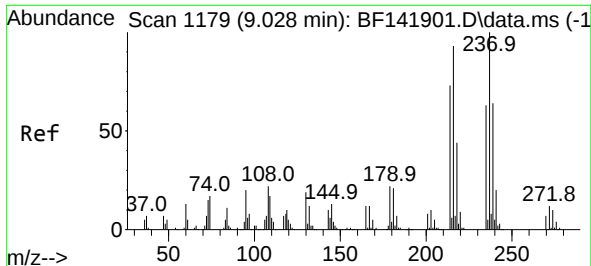
Tgt Ion:164 Resp: 279274
Ion Ratio Lower Upper
164 100
162 95.5 81.8 122.6
160 41.7 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.598 ng
RT: 9.040 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:216 Resp: 421721
Ion Ratio Lower Upper
216 100
214 79.4 61.9 92.9
179 20.5 18.1 27.1
108 18.8 14.7 22.1

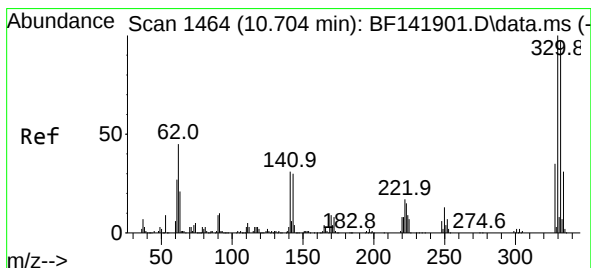
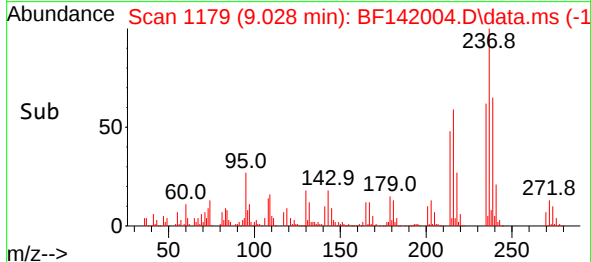
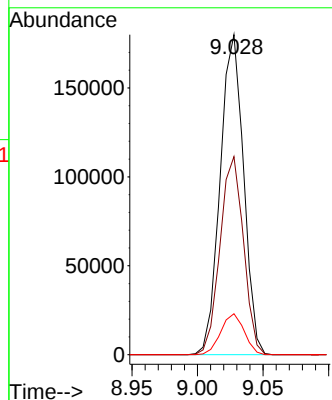
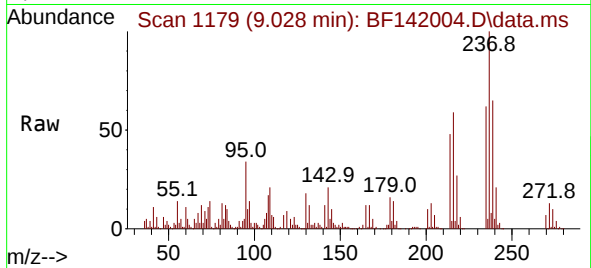




#41
Hexachlorocyclopentadiene
Concen: 67.047 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

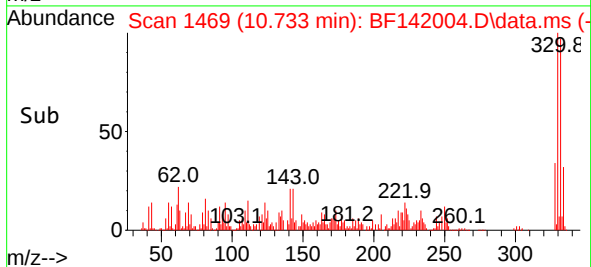
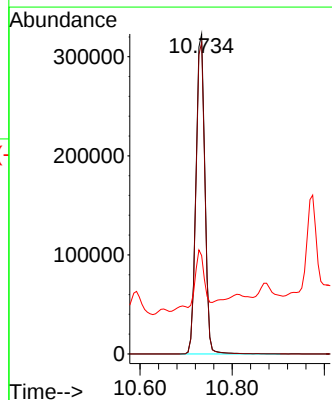
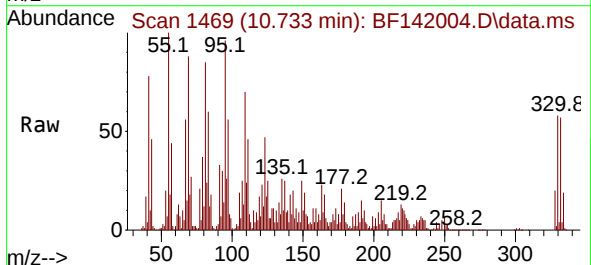
Instrument :
BNA_F
ClientSampleId :
72-11944MS

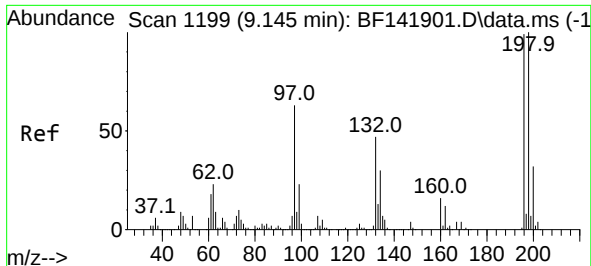
Tgt Ion:237 Resp: 223109
Ion Ratio Lower Upper
237 100
235 61.9 43.1 83.1
272 12.8 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 122.402 ng
RT: 10.733 min Scan# 1469
Delta R.T. 0.030 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:330 Resp: 433667
Ion Ratio Lower Upper
330 100
332 97.3 77.6 116.4
141 17.7 24.7 37.1#





#43

2,4,6-Trichlorophenol

Concen: 42.372 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

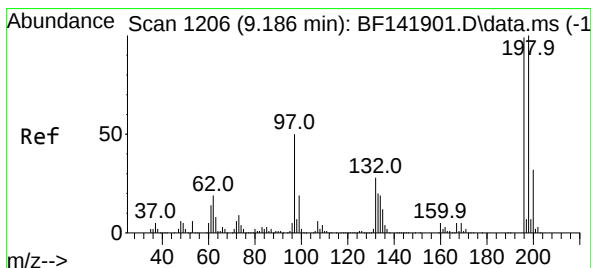
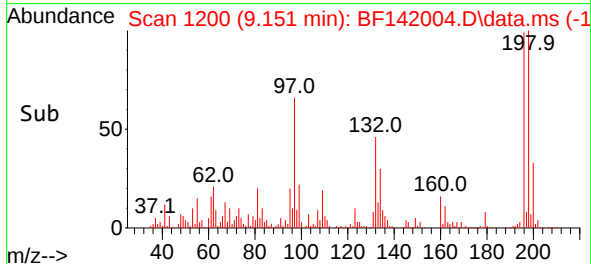
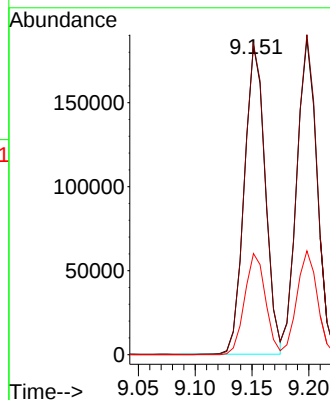
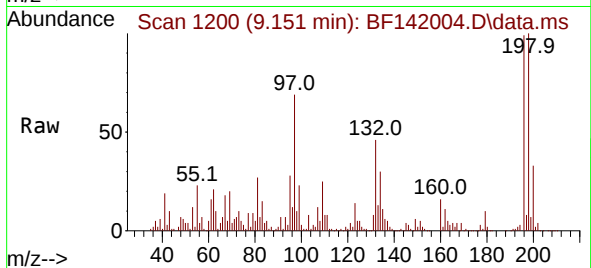
Tgt Ion:196 Resp: 235456

Ion Ratio Lower Upper

196 100

198 100.5 80.6 121.0

200 32.7 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 41.643 ng

RT: 9.198 min Scan# 1208

Delta R.T. 0.012 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Tgt Ion:196 Resp: 234369

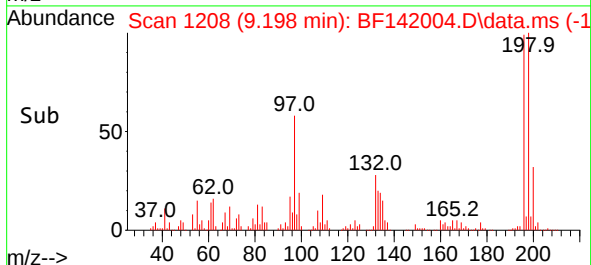
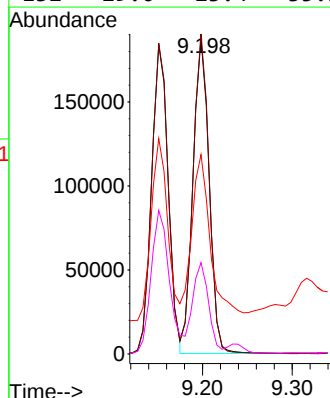
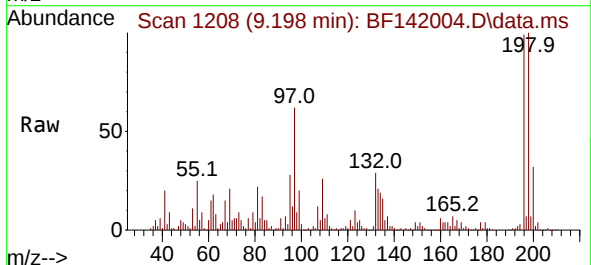
Ion Ratio Lower Upper

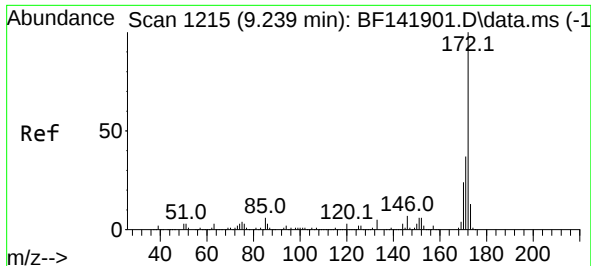
196 100

198 101.4 80.7 121.1

97 63.2 42.1 63.1#

132 29.0 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 76.640 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

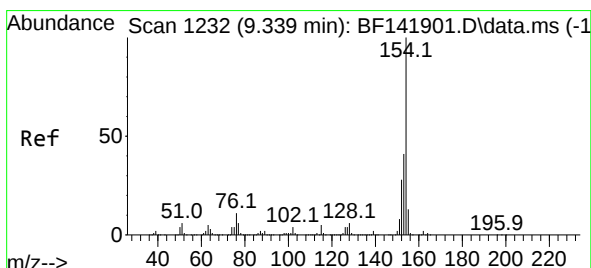
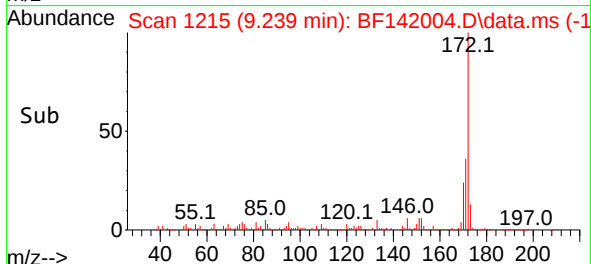
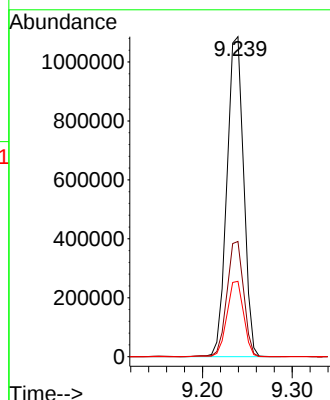
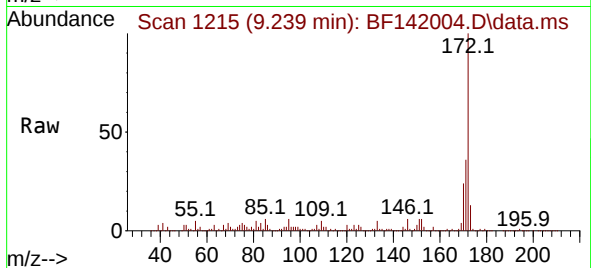
Tgt Ion:172 Resp: 1407381

Ion Ratio Lower Upper

172 100

171 36.0 29.3 43.9

170 23.6 19.4 29.0



#46

1,1'-Biphenyl

Concen: 46.950 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

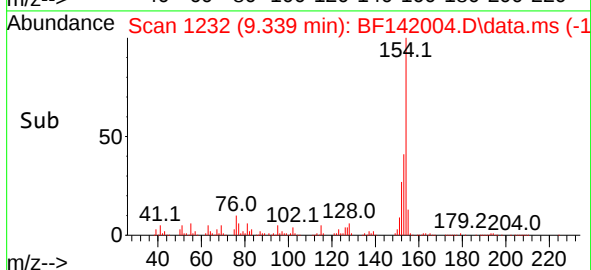
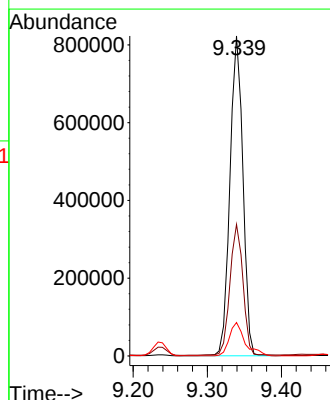
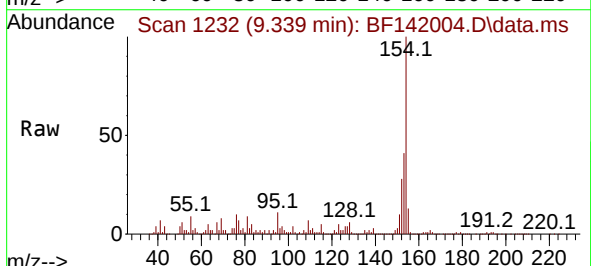
Tgt Ion:154 Resp: 996269

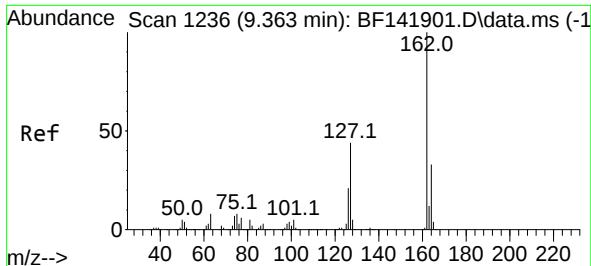
Ion Ratio Lower Upper

154 100

153 41.1 21.1 61.1

76 10.5 0.0 31.3

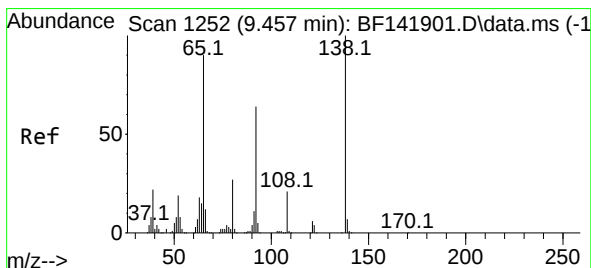
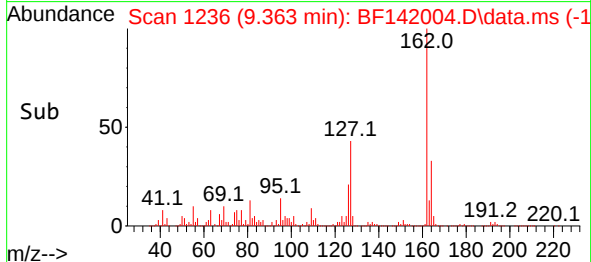
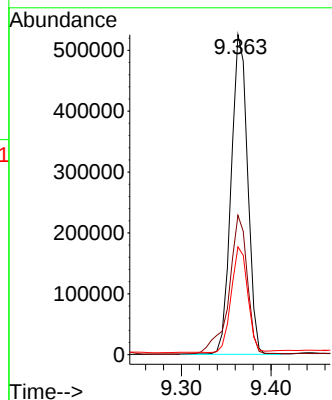
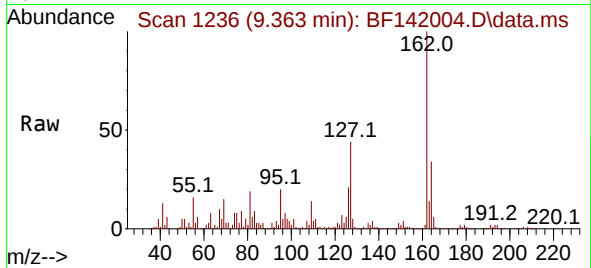




#47
2-Chloronaphthalene
Concen: 42.181 ng
RT: 9.363 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

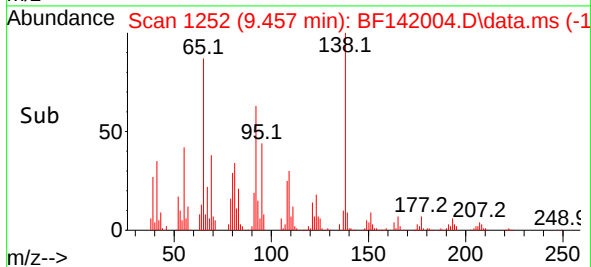
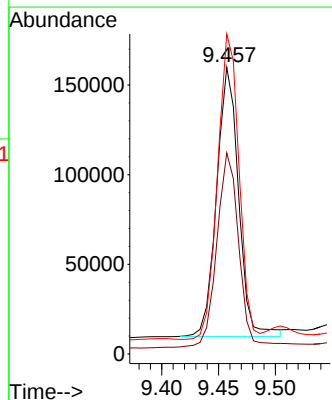
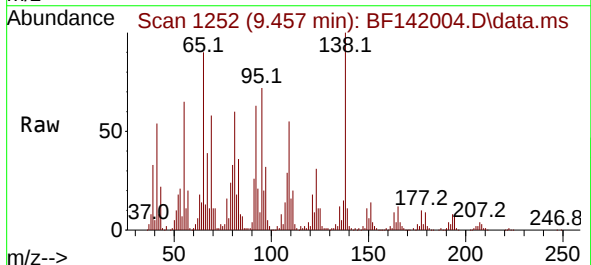
Instrument :
BNA_F
ClientSampleId :
72-11944MS

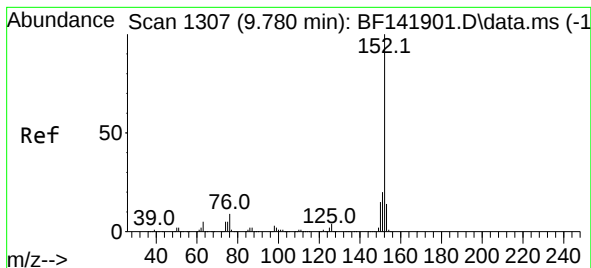
Tgt Ion:162 Resp: 667140
Ion Ratio Lower Upper
162 100
127 43.5 35.5 53.3
164 33.7 26.6 40.0



#48
2-Nitroaniline
Concen: 44.010 ng
RT: 9.457 min Scan# 1252
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion: 65 Resp: 201538
Ion Ratio Lower Upper
65 100
92 70.2 56.6 84.8
138 111.6 88.6 133.0





#49

Acenaphthylene

Concen: 39.629 ng

RT: 9.787 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

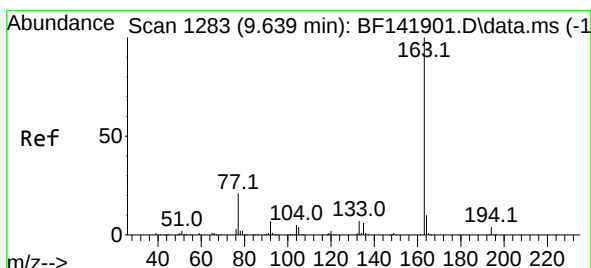
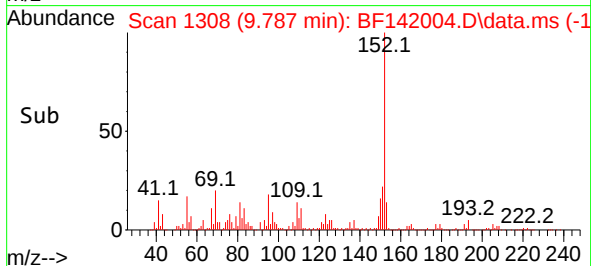
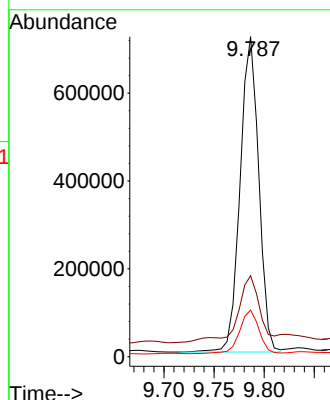
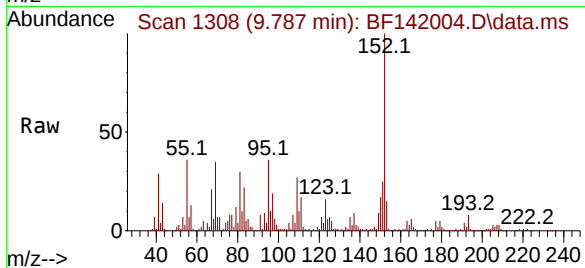
Tgt Ion:152 Resp: 930110

Ion Ratio Lower Upper

152 100

151 25.3 16.3 24.5#

153 14.6 11.1 16.7



#50

Dimethylphthalate

Concen: 42.118 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

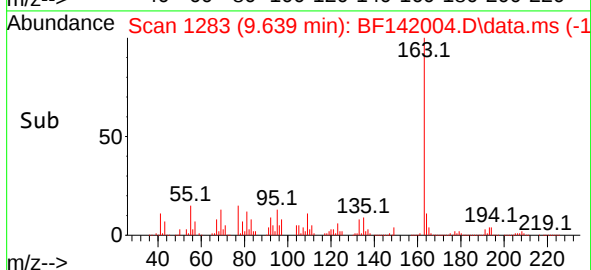
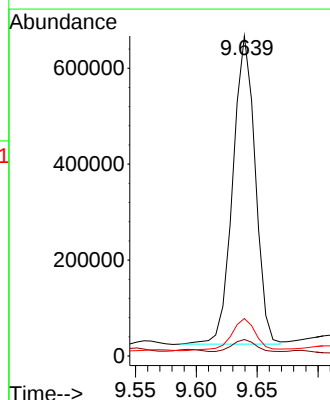
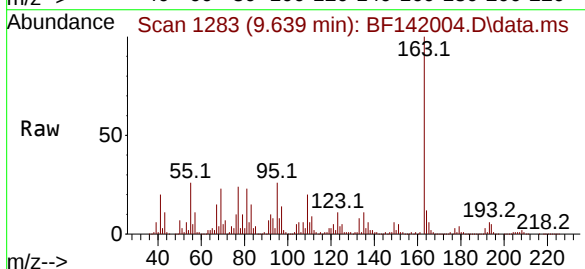
Tgt Ion:163 Resp: 823696

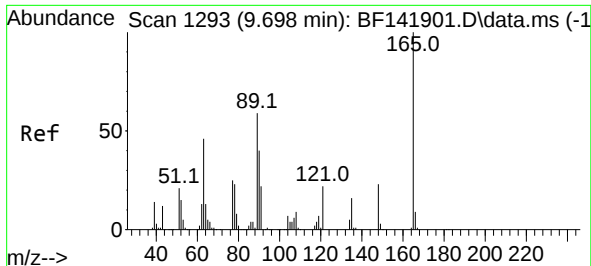
Ion Ratio Lower Upper

163 100

194 5.2 3.1 4.7#

164 11.7 8.2 12.4





#51

2,6-Dinitrotoluene

Concen: 43.710 ng

RT: 9.698 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

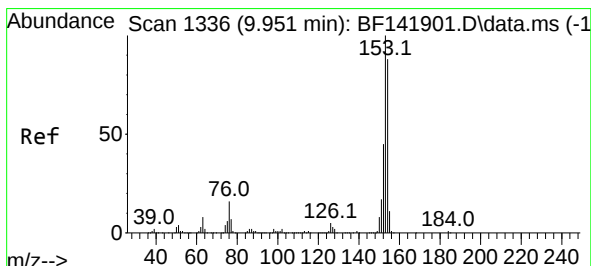
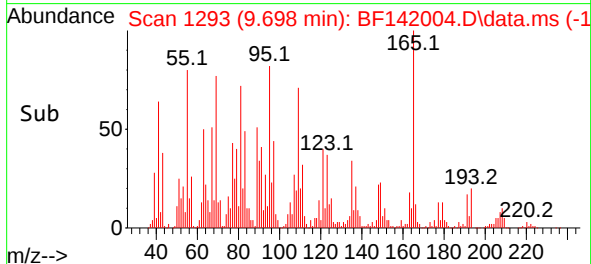
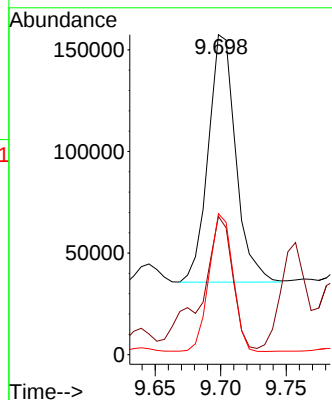
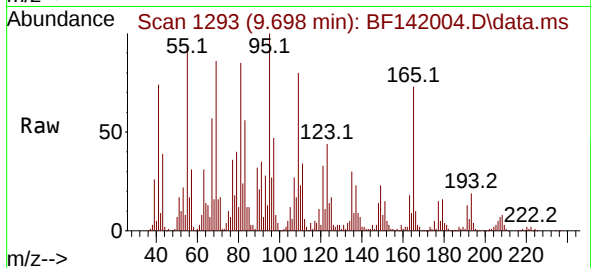
Tgt Ion:165 Resp: 177984

Ion Ratio Lower Upper

165 100

63 43.2 47.0 70.4#

89 44.0 47.4 71.2#



#52

Acenaphthene

Concen: 34.649 ng

RT: 9.963 min Scan# 1338

Delta R.T. 0.012 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

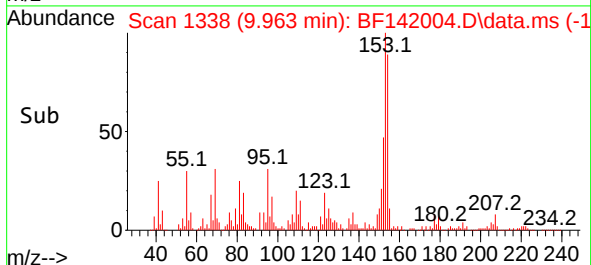
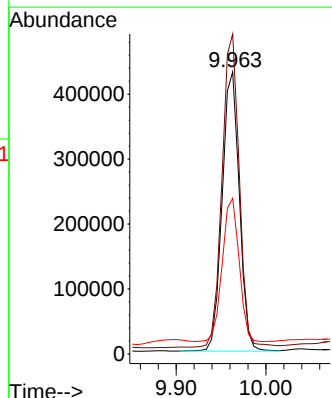
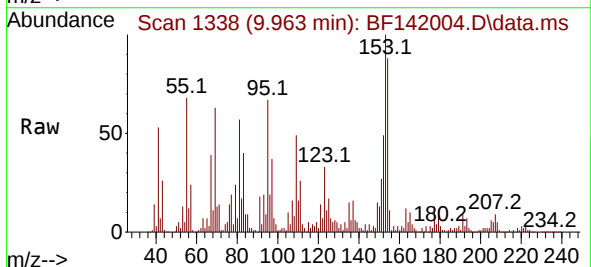
Tgt Ion:154 Resp: 571502

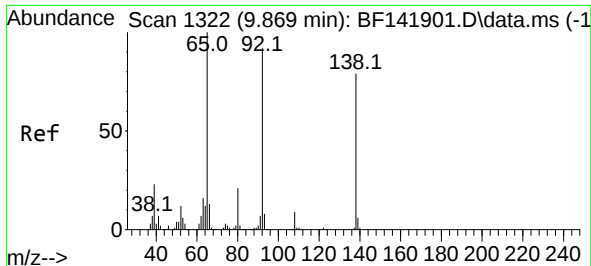
Ion Ratio Lower Upper

154 100

153 113.5 90.7 136.1

152 55.2 41.1 61.7

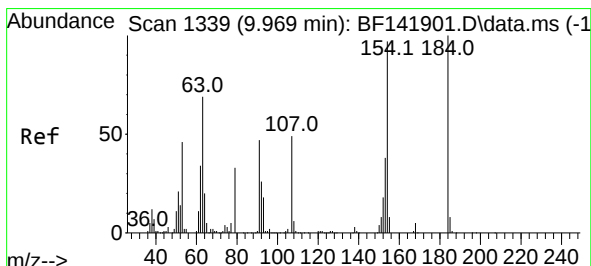
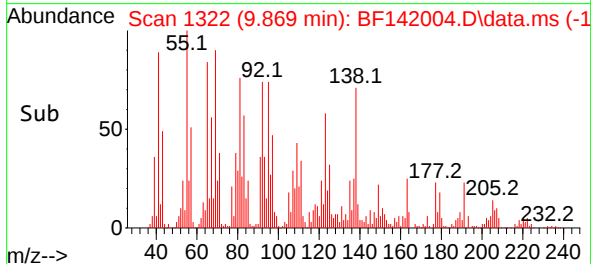
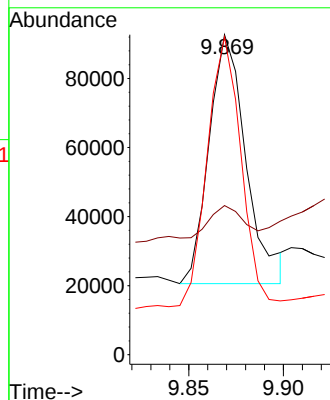
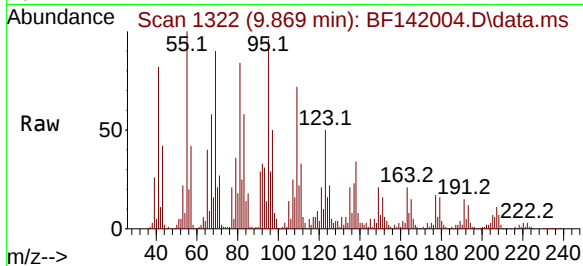




#53
3-Nitroaniline
Concen: 23.634 ng
RT: 9.869 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

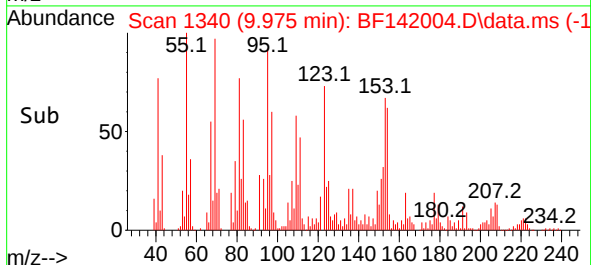
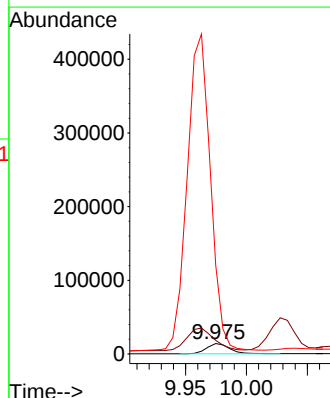
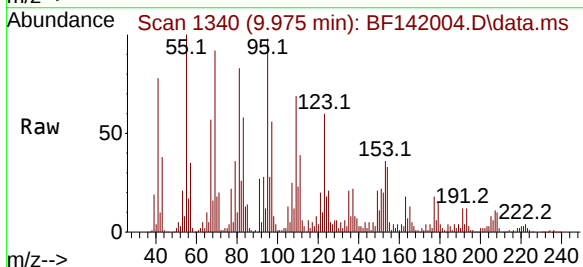
Instrument :
BNA_F
ClientSampleId :
72-11944MS

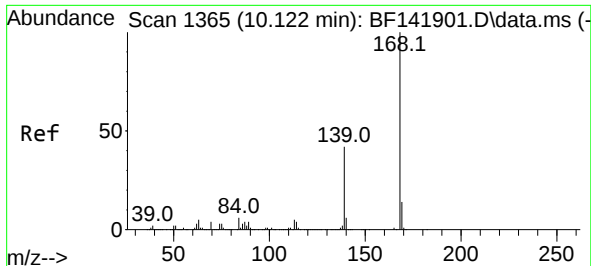
Tgt Ion:138 Resp: 97620
Ion Ratio Lower Upper
138 100
108 46.6 9.3 13.9#
92 99.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 13.762 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:184 Resp: 18120
Ion Ratio Lower Upper
184 100
63 131.2 60.2 90.4#
154 858.8 132.9 199.3#

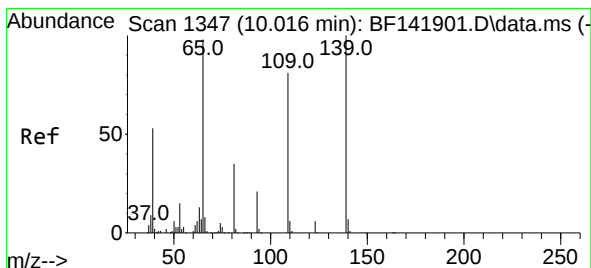
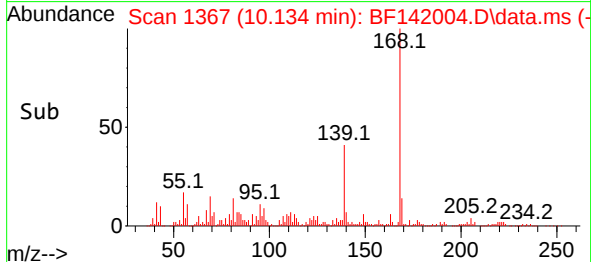
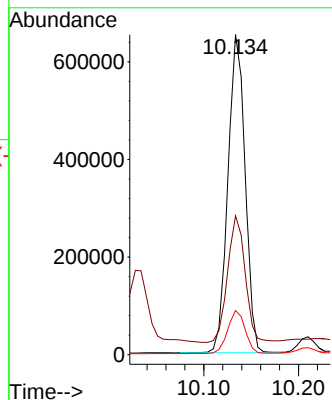
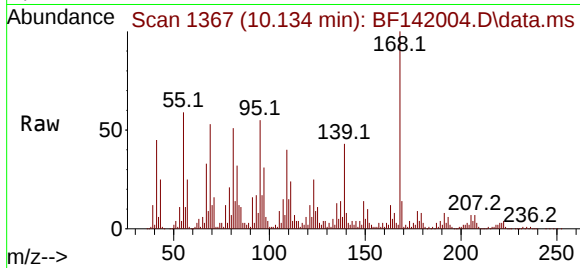




#55
Dibenzenofuran
Concen: 35.005 ng
RT: 10.134 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

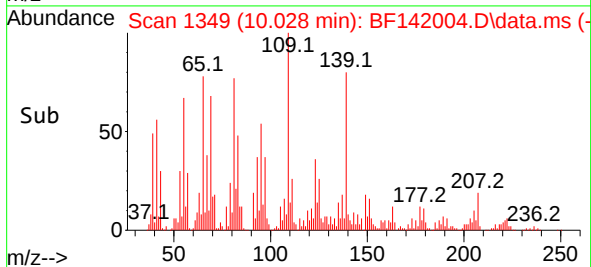
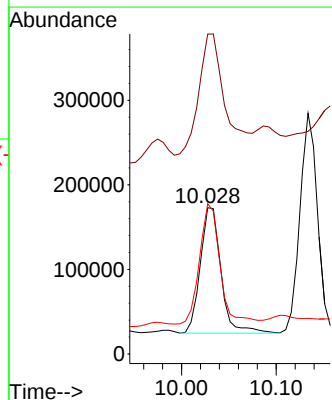
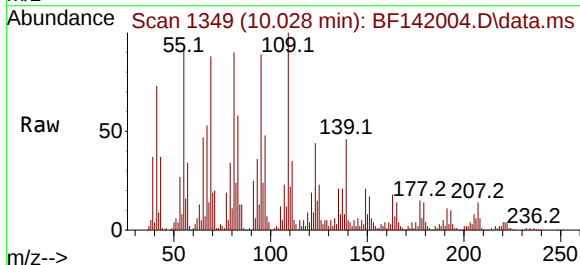
Instrument :
BNA_F
ClientSampleId :
72-11944MS

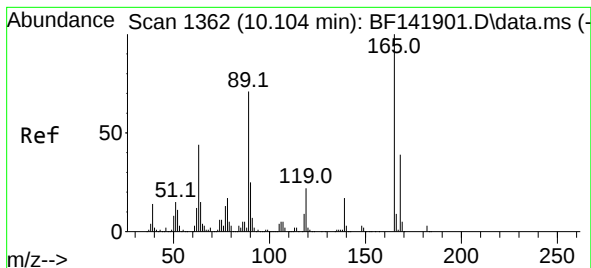
Tgt Ion:168 Resp: 824983
Ion Ratio Lower Upper
168 100
139 43.4 33.9 50.9
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 72.398 ng
RT: 10.028 min Scan# 1349
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:139 Resp: 225512
Ion Ratio Lower Upper
139 100
109 218.6 61.6 101.6#
65 102.7 79.4 119.4

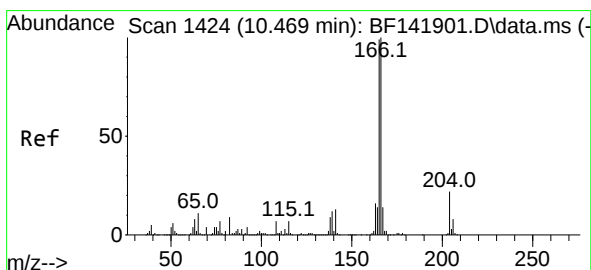
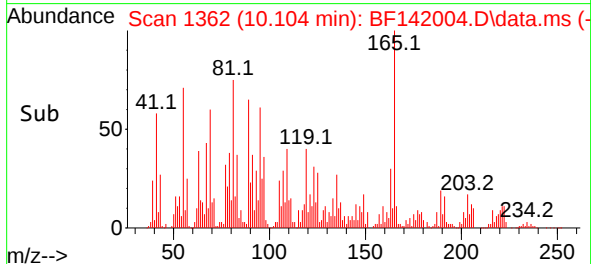
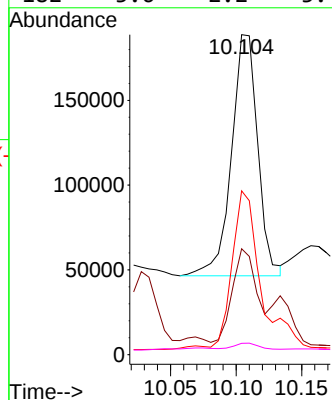
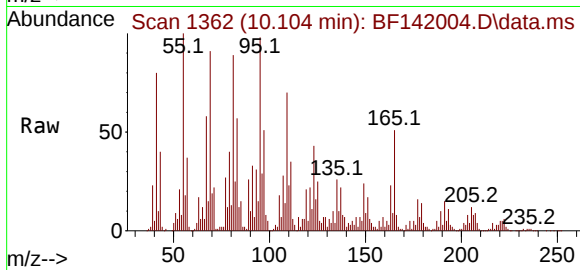




#57
2,4-Dinitrotoluene
Concen: 37.325 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

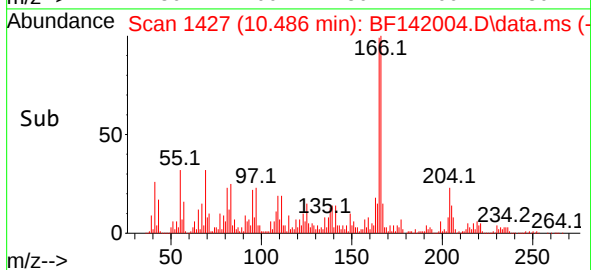
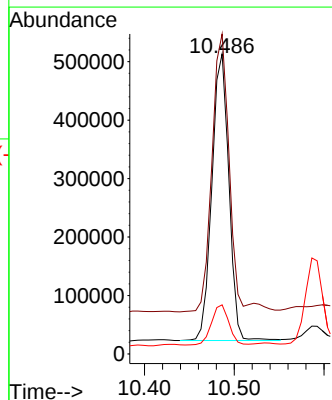
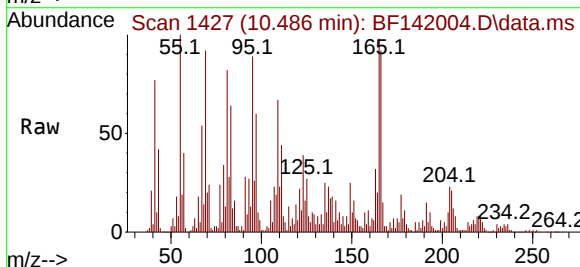
Instrument :
BNA_F
ClientSampleId :
72-11944MS

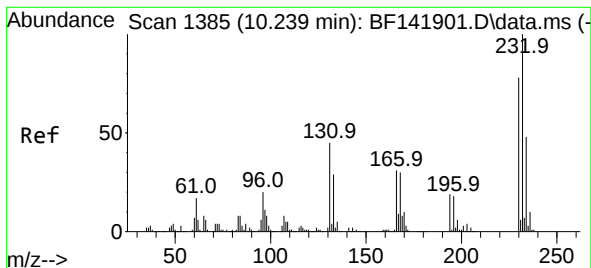
Tgt Ion:165 Resp: 198507
Ion Ratio Lower Upper
165 100
63 33.1 35.4 53.2#
89 51.2 56.6 84.8#
182 3.6 2.2 3.4#



#58
Fluorene
Concen: 35.395 ng
RT: 10.486 min Scan# 1427
Delta R.T. 0.018 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:166 Resp: 643304
Ion Ratio Lower Upper
166 100
165 106.6 79.0 118.4
167 16.4 11.0 16.4

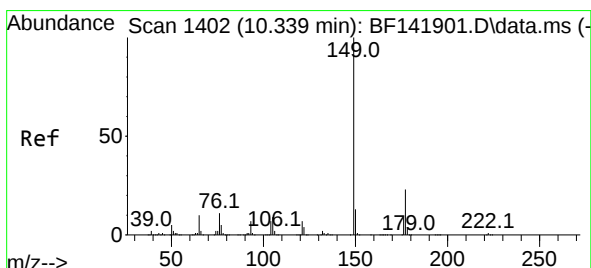
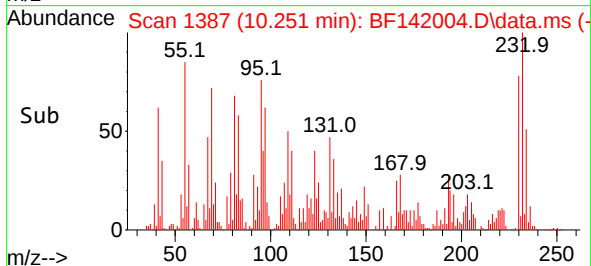
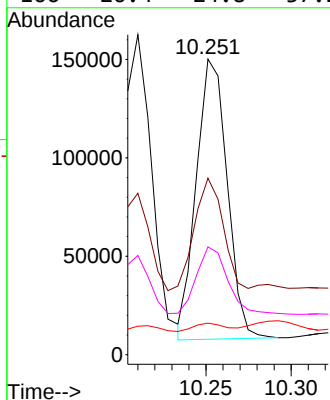
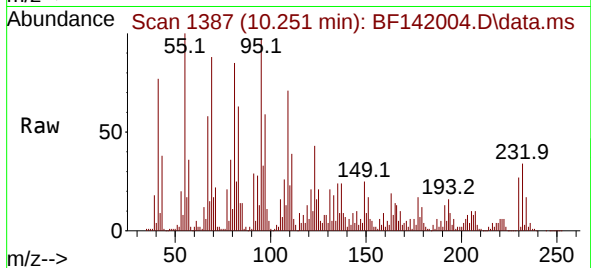




#59
2,3,4,6-Tetrachlorophenol
Concen: 35.022 ng
RT: 10.251 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

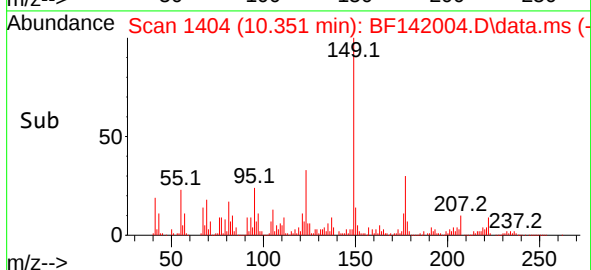
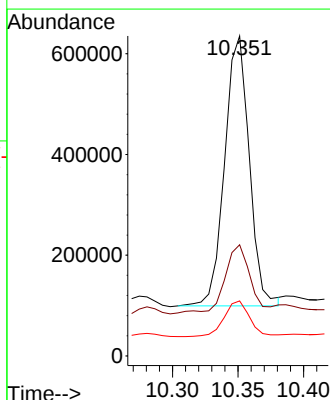
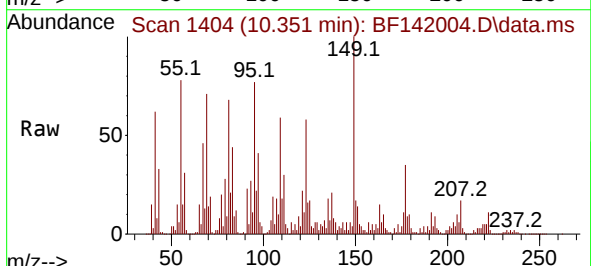
Instrument :
BNA_F
ClientSampleId :
72-11944MS

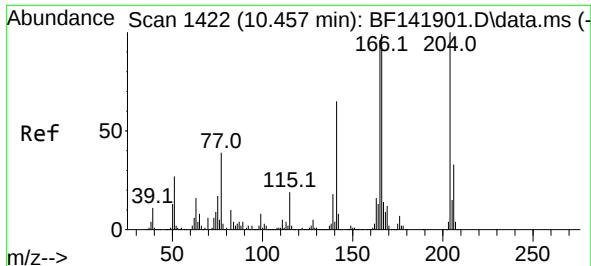
Tgt Ion:232 Resp: 179360
Ion Ratio Lower Upper
232 100
131 38.6 37.3 55.9
130 3.6 1.9 2.9#
166 26.4 24.8 37.2



#60
Diethylphthalate
Concen: 35.895 ng
RT: 10.351 min Scan# 1404
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:149 Resp: 699985
Ion Ratio Lower Upper
149 100
177 34.8 18.0 27.0#
150 17.2 10.2 15.4#

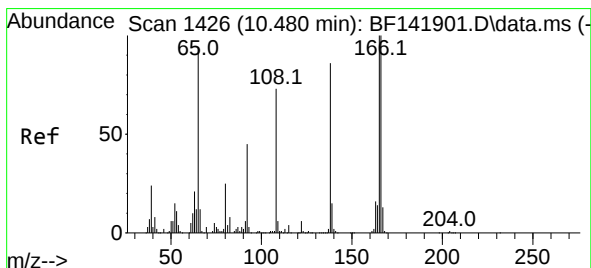
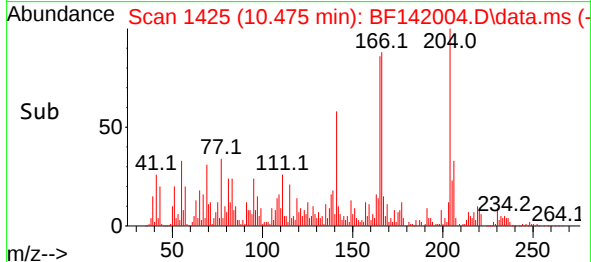
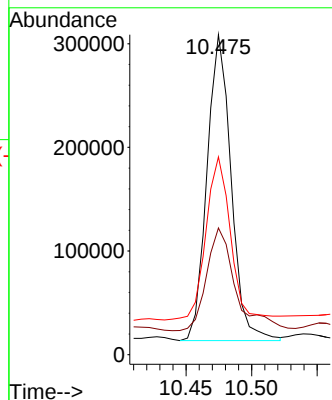
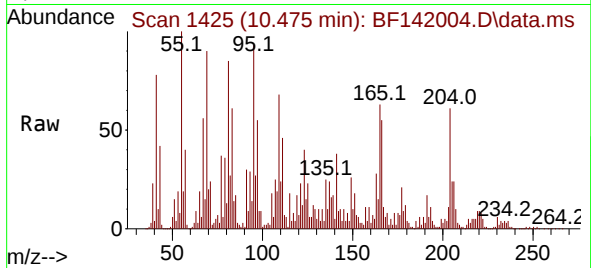




#61
4-Chlorophenyl-phenylether
Concen: 39.883 ng
RT: 10.475 min Scan# 1425
Delta R.T. 0.018 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

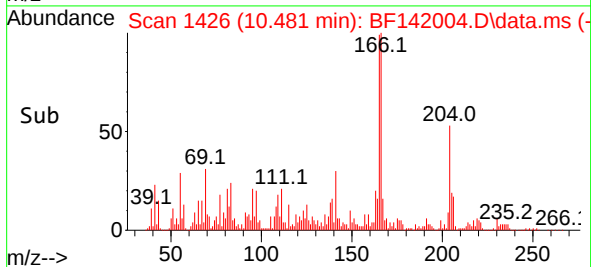
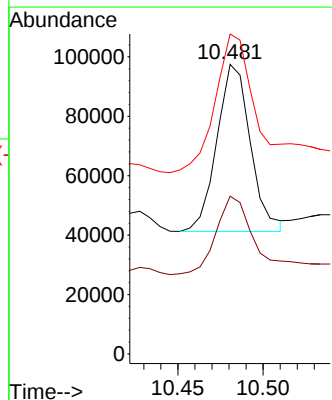
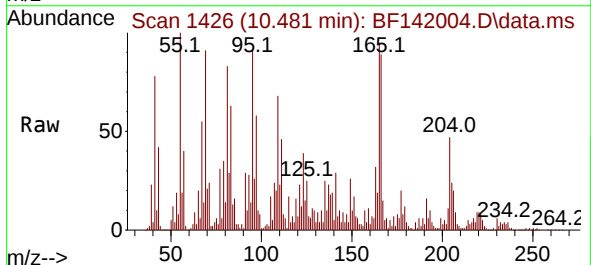
Instrument :
BNA_F
ClientSampleId :
72-11944MS

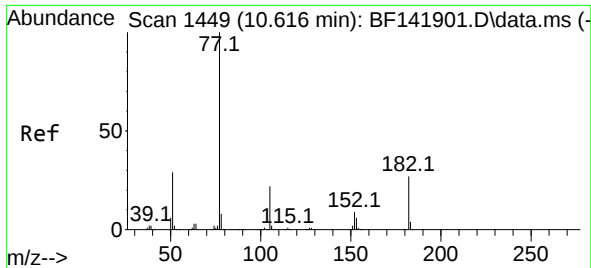
Tgt Ion:204 Resp: 377910
Ion Ratio Lower Upper
204 100
206 39.6 26.8 40.2
141 61.8 52.4 78.6



#62
4-Nitroaniline
Concen: 19.148 ng
RT: 10.481 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:138 Resp: 76997
Ion Ratio Lower Upper
138 100
92 54.5 32.6 72.6
108 110.5 65.0 105.0#

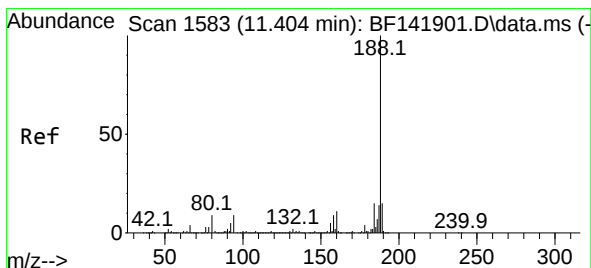
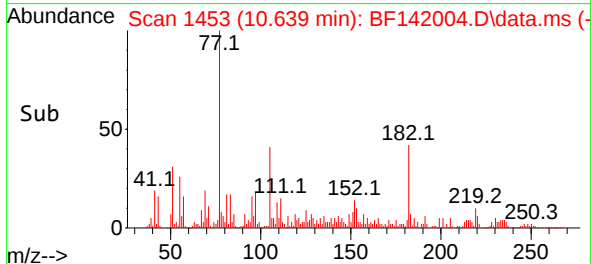
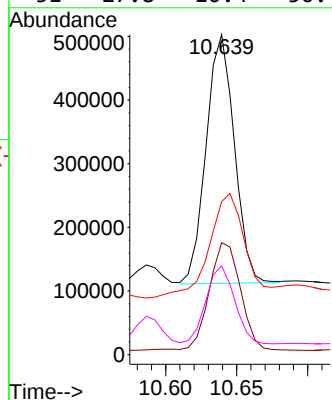
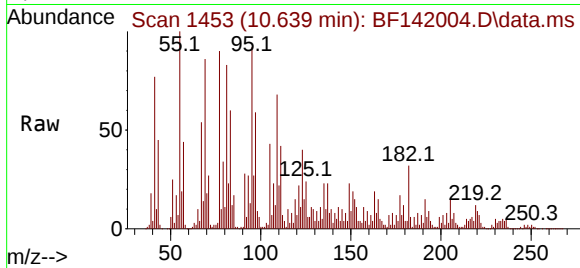




#63
Azobenzene
Concen: 29.879 ng
RT: 10.639 min Scan# 1449
Delta R.T. 0.024 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

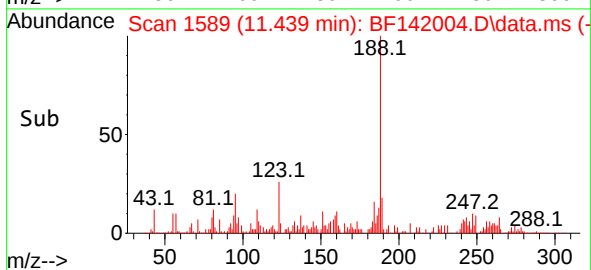
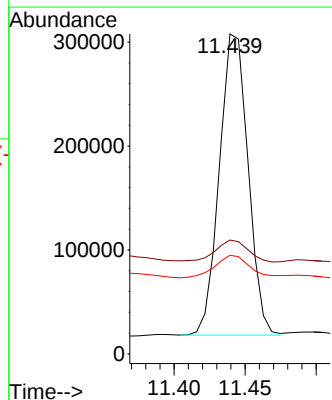
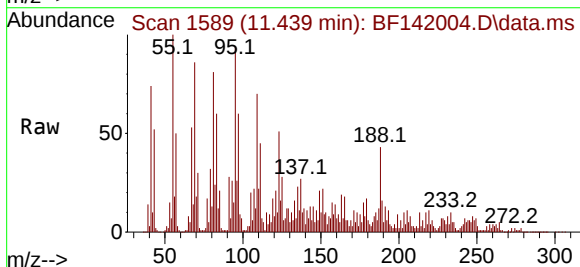
Instrument :
BNA_F
ClientSampleId :
72-11944MS

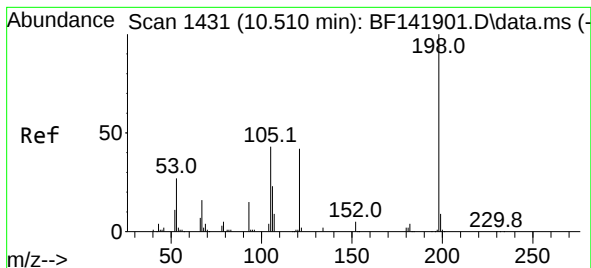
Tgt Ion: 77	Resp: 541700
Ion Ratio	Lower Upper
77 100	
182 35.0	6.6 46.6
105 47.8	1.3 41.3#
51 27.8	10.4 50.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.439 min Scan# 1589
Delta R.T. 0.035 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:188	Resp: 407136
Ion Ratio	Lower Upper
188 100	
94 35.6	6.8 10.2#
80 30.8	7.6 11.4#

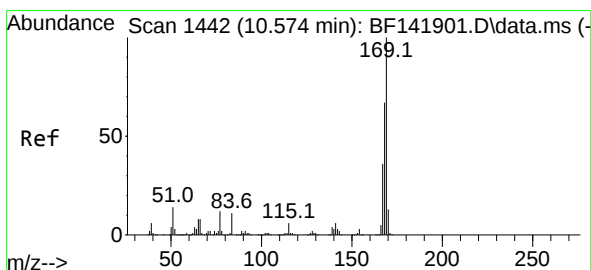
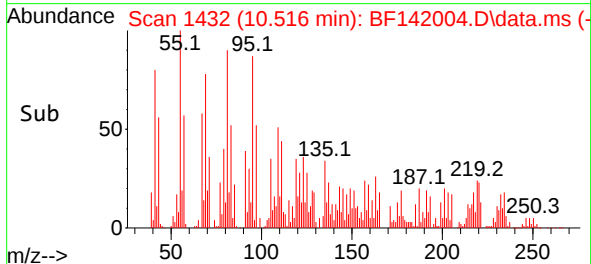
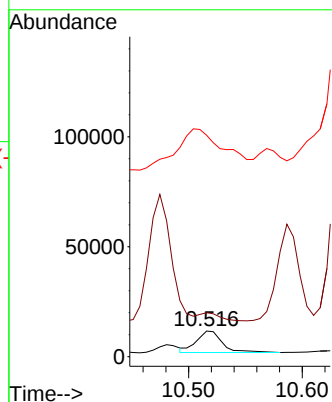
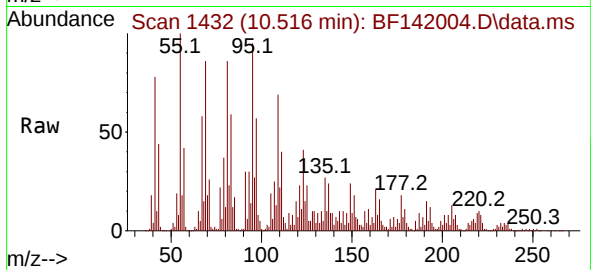




#65
4,6-Dinitro-2-methylphenol
Concen: 6.275 ng
RT: 10.516 min Scan# 1431
Delta R.T. 0.006 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

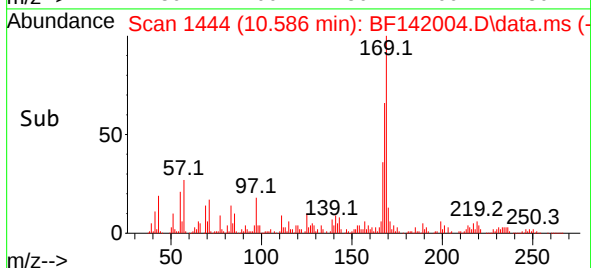
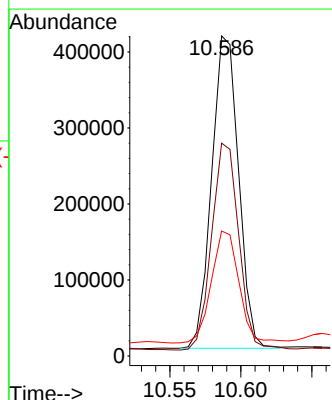
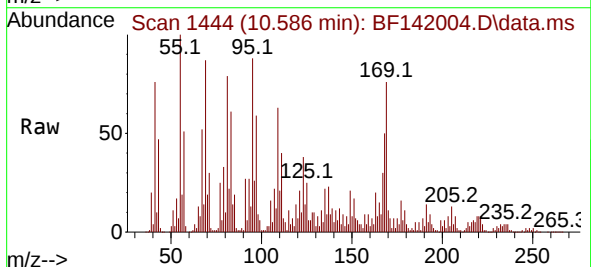
Instrument :
BNA_F
ClientSampleId :
72-11944MS

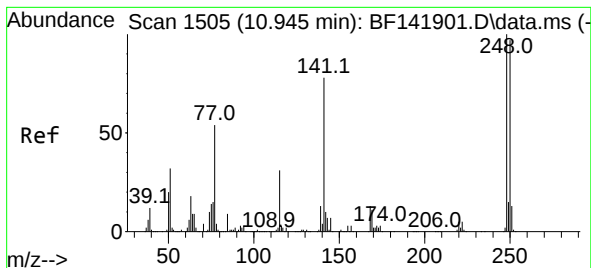
Tgt Ion:198 Resp: 15229
Ion Ratio Lower Upper
198 100
51 172.1 22.3 62.3#
105 865.7 23.0 63.0#



#66
n-Nitrosodiphenylamine
Concen: 41.113 ng
RT: 10.586 min Scan# 1444
Delta R.T. 0.012 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:169 Resp: 541672
Ion Ratio Lower Upper
169 100
168 66.5 53.7 80.5
167 39.0 29.2 43.8

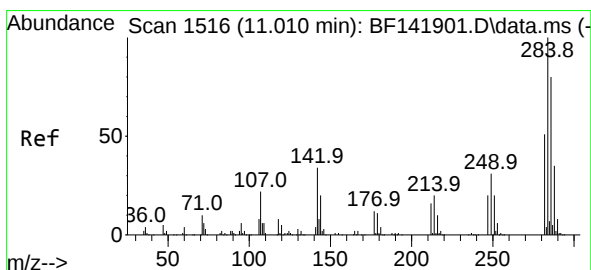
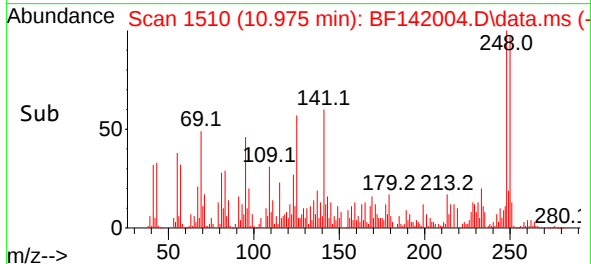
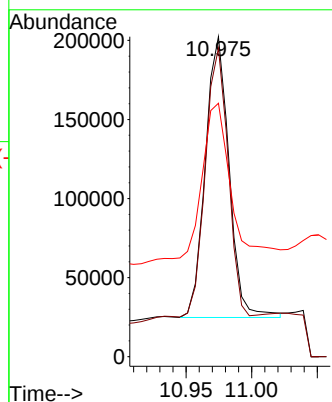
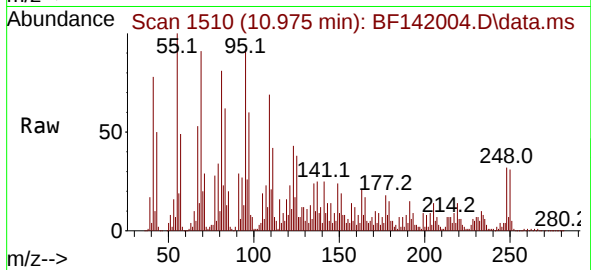




#67
4-Bromophenyl-phenylether
Concen: 43.965 ng
RT: 10.975 min Scan# 1510
Delta R.T. 0.030 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

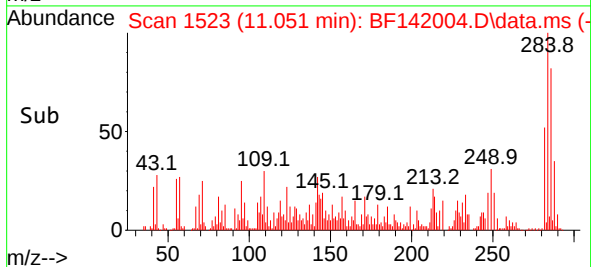
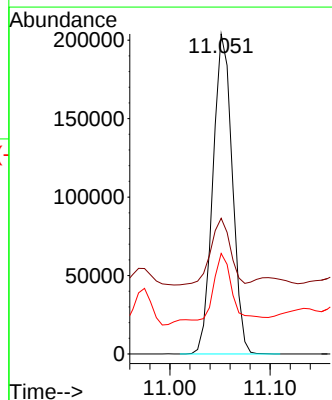
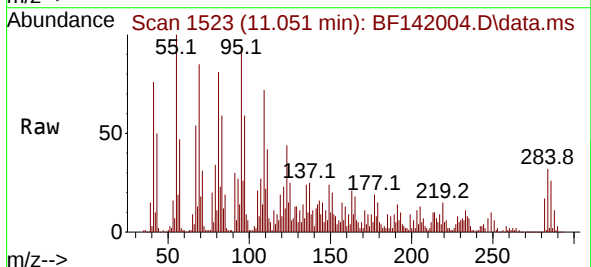
Instrument :
BNA_F
ClientSampleId :
72-11944MS

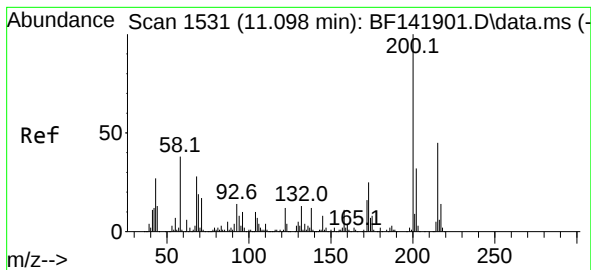
Tgt Ion:248 Resp: 224801
Ion Ratio Lower Upper
248 100
250 96.5 77.8 116.8
141 79.2 62.6 93.8



#68
Hexachlorobenzene
Concen: 48.778 ng
RT: 11.051 min Scan# 1523
Delta R.T. 0.041 min
Lab File: BF142004.D
Acq: 19 Mar 2025 14:16

Tgt Ion:284 Resp: 273544
Ion Ratio Lower Upper
284 100
142 42.4 27.0 40.6#
249 31.4 25.2 37.8





#69

Atrazine

Concen: 55.026 ng

RT: 11.157 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

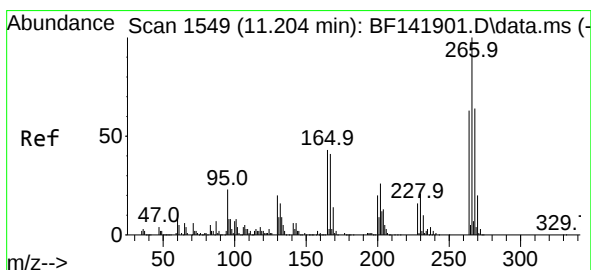
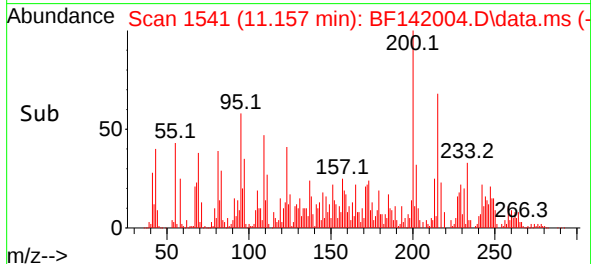
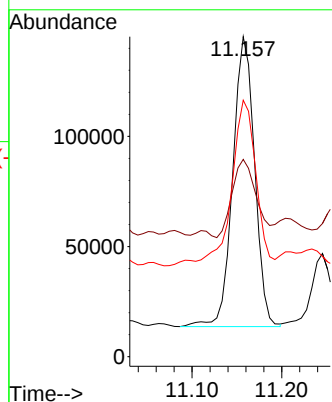
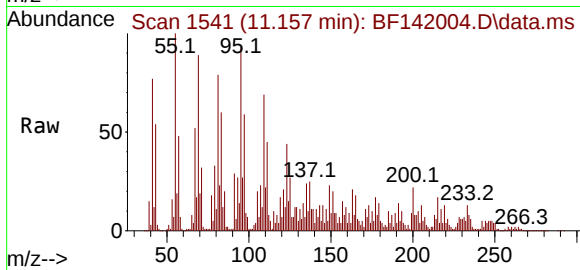
Tgt Ion:200 Resp: 222247

Ion Ratio Lower Upper

200 100

173 61.6 4.7 44.7#

215 80.1 25.4 65.4#



#70

Pentachlorophenol

Concen: 98.541 ng

RT: 11.245 min Scan# 1556

Delta R.T. 0.041 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

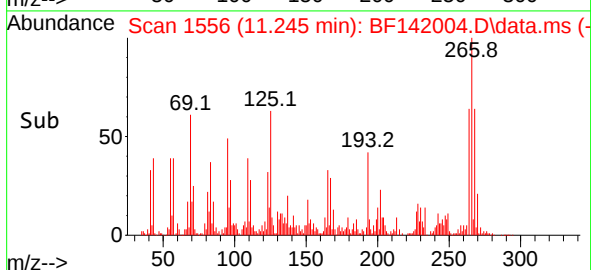
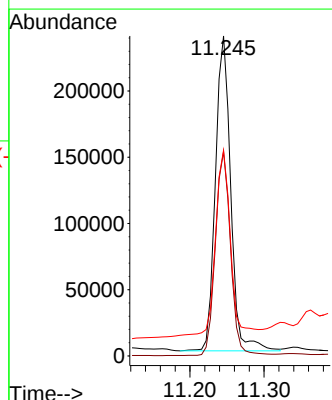
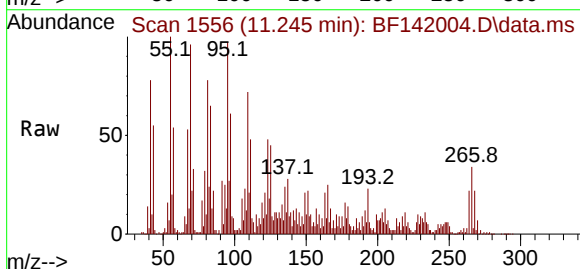
Tgt Ion:266 Resp: 340482

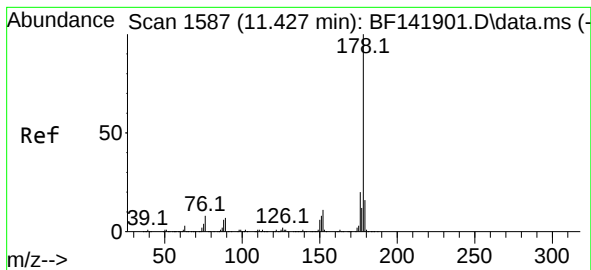
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 64.3 50.2 75.2





#71

Phenanthrene

Concen: 41.332 ng

RT: 11.469 min Scan# 1

Delta R.T. 0.041 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

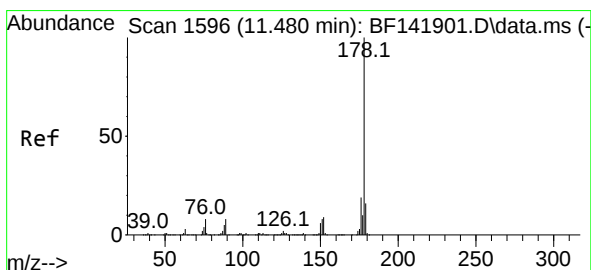
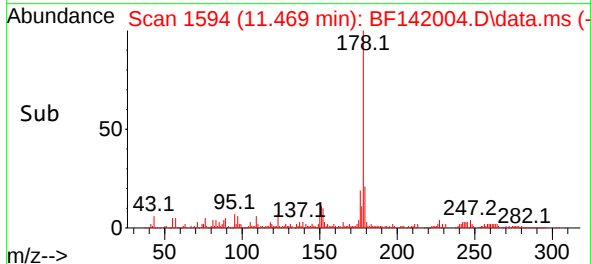
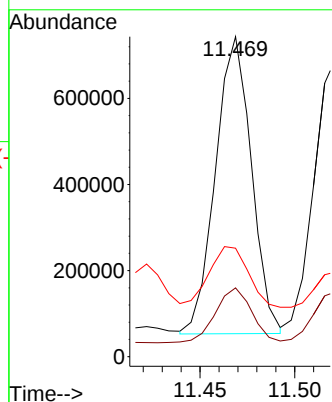
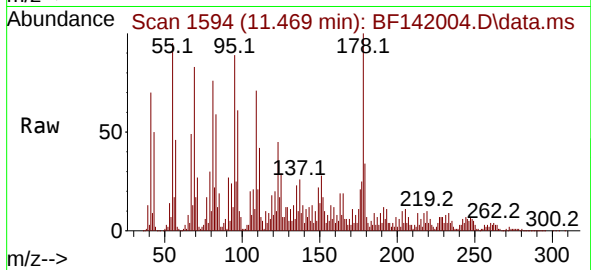
Tgt Ion:178 Resp: 908917

Ion Ratio Lower Upper

178 100

176 21.5 15.8 23.8

179 33.9 12.6 19.0#



#72

Anthracene

Concen: 39.150 ng

RT: 11.522 min Scan# 1603

Delta R.T. 0.041 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

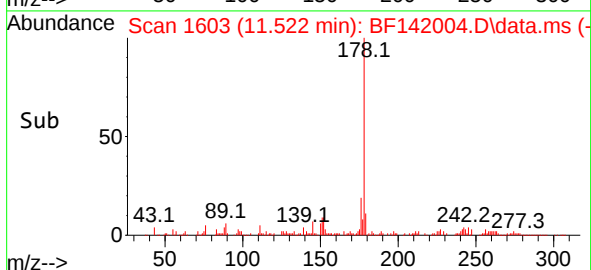
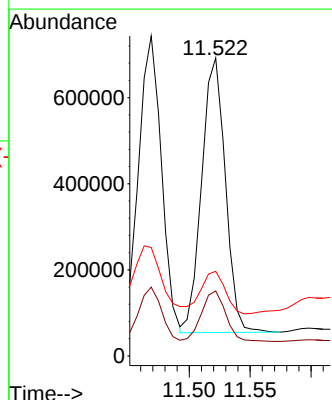
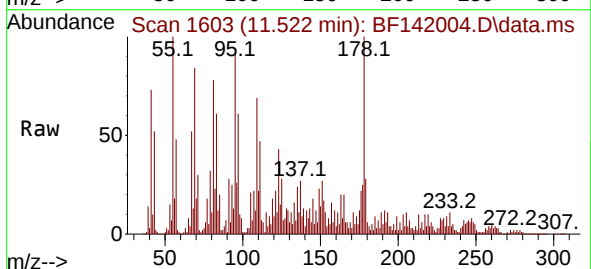
Tgt Ion:178 Resp: 863745

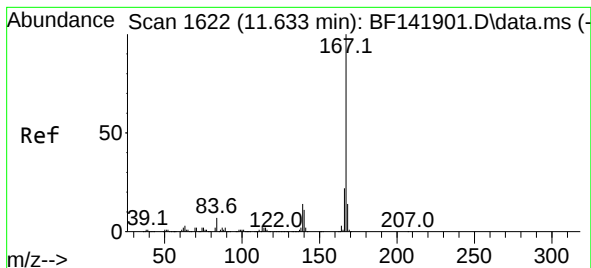
Ion Ratio Lower Upper

178 100

176 21.8 15.1 22.7

179 28.4 12.6 19.0#





#73

Carbazole

Concen: 37.583 ng

RT: 11.669 min Scan# 1

Delta R.T. 0.036 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

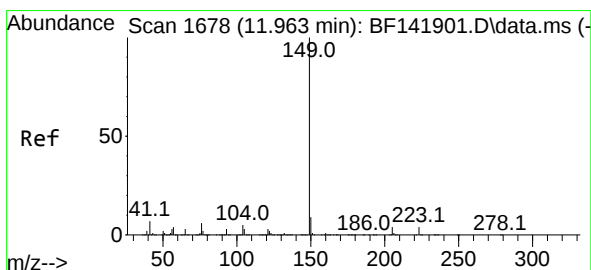
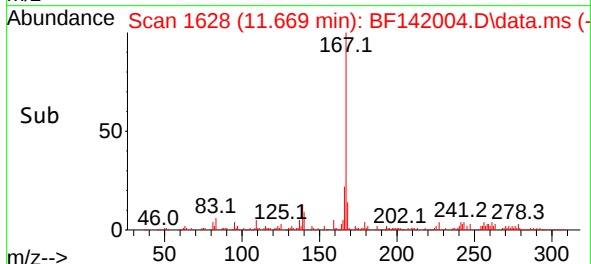
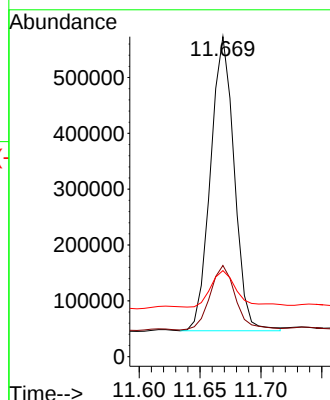
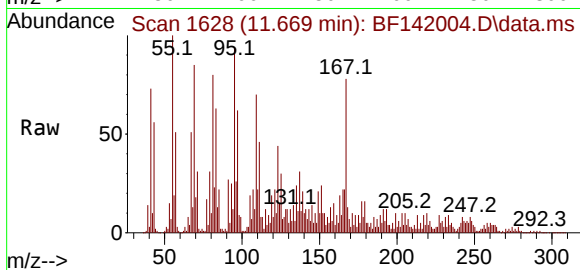
Tgt Ion:167 Resp: 715093

Ion Ratio Lower Upper

167 100

166 28.5 17.4 26.2#

139 26.9 11.0 16.6#



#74

Di-n-butylphthalate

Concen: 37.691 ng

RT: 12.004 min Scan# 1685

Delta R.T. 0.041 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

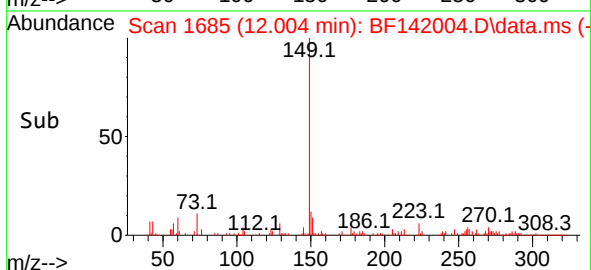
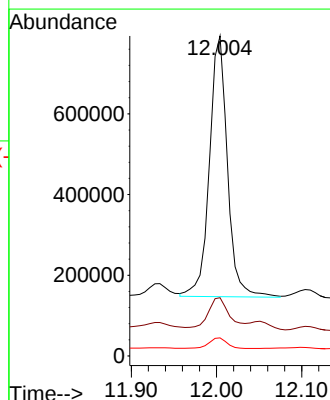
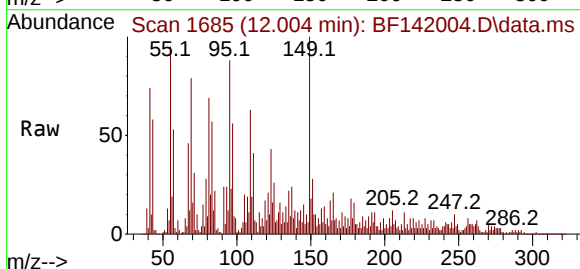
Tgt Ion:149 Resp: 951556

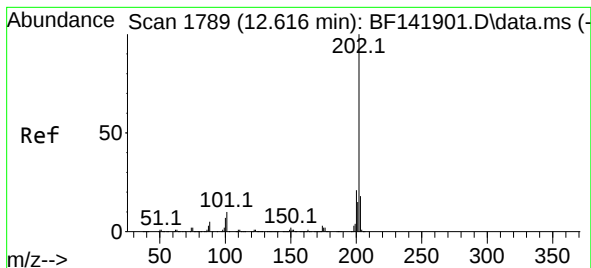
Ion Ratio Lower Upper

149 100

150 18.2 7.6 11.4#

104 5.7 4.4 6.6





#75

Fluoranthene

Concen: 55.957 ng

RT: 12.675 min Scan# 11

Delta R.T. 0.059 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

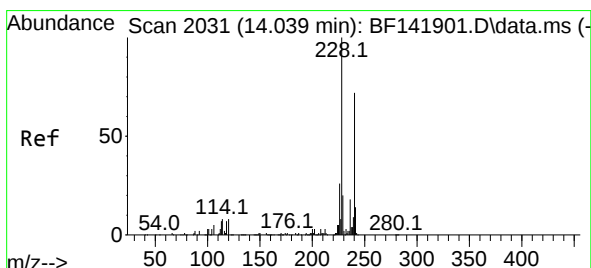
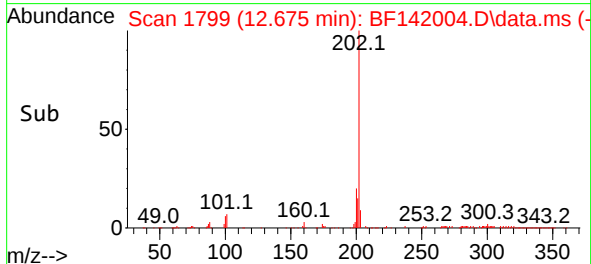
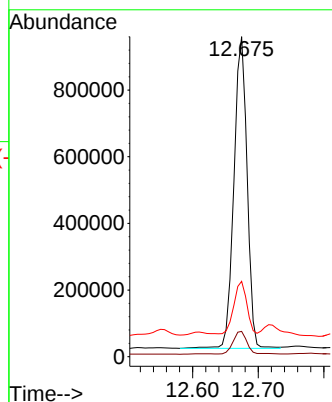
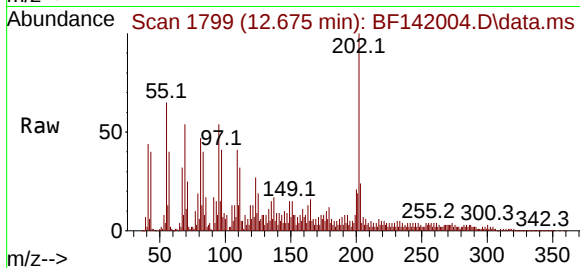
Tgt Ion:202 Resp: 1305309

Ion Ratio Lower Upper

202 100

101 7.9 0.0 29.7

203 23.6 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.080 min Scan# 2038

Delta R.T. 0.041 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

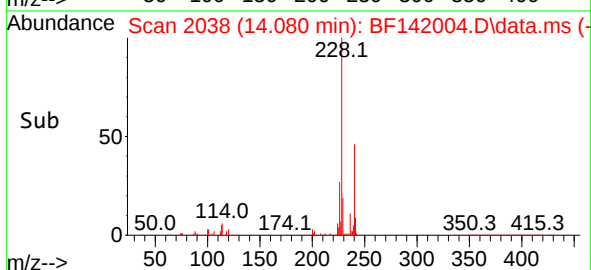
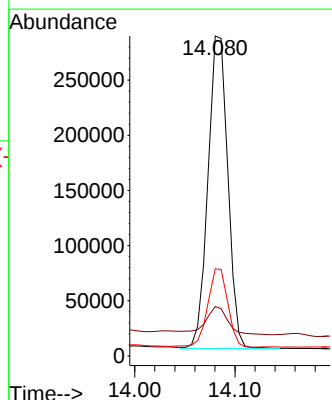
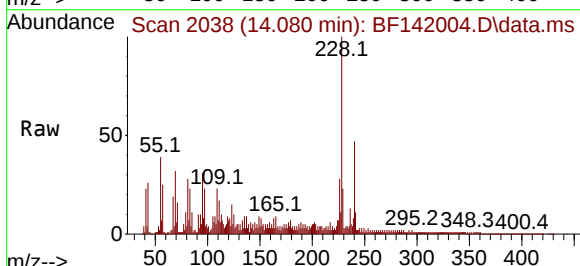
Tgt Ion:240 Resp: 390346

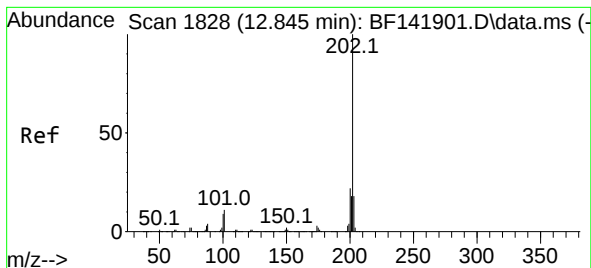
Ion Ratio Lower Upper

240 100

120 15.5 8.4 12.6#

236 27.3 20.5 30.7





#78

Pyrene

Concen: 38.349 ng

RT: 12.904 min Scan# 1838

Delta R.T. 0.059 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

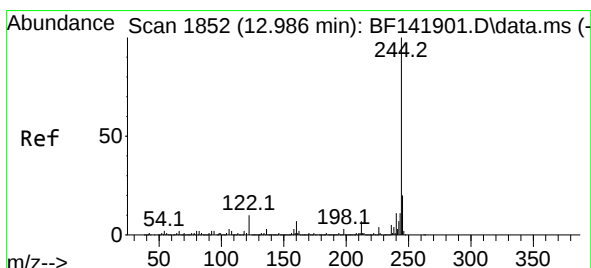
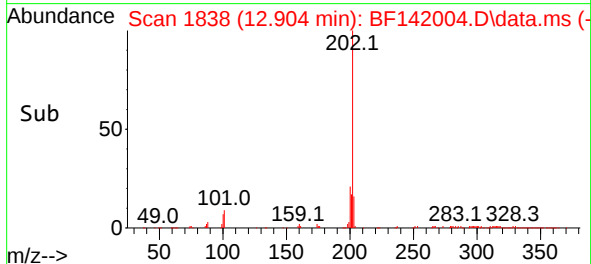
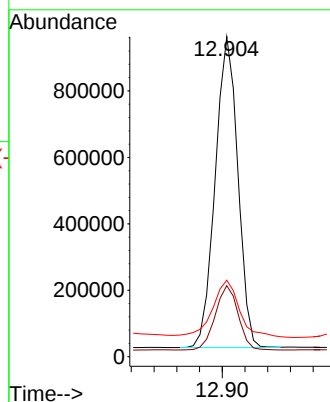
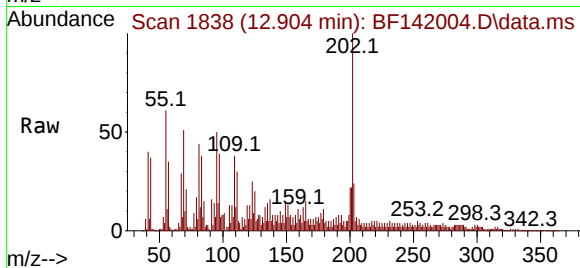
Tgt Ion:202 Resp: 1294868

Ion Ratio Lower Upper

202 100

200 22.2 17.3 25.9

203 23.9 14.4 21.6#



#79

Terphenyl-d14

Concen: 55.808 ng

RT: 13.033 min Scan# 1860

Delta R.T. 0.047 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

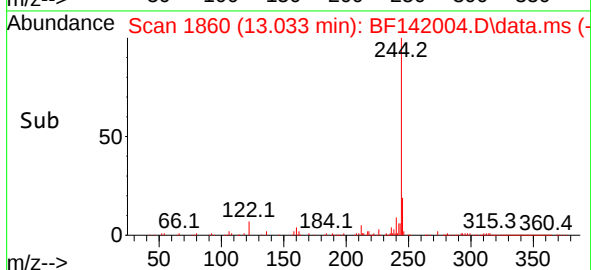
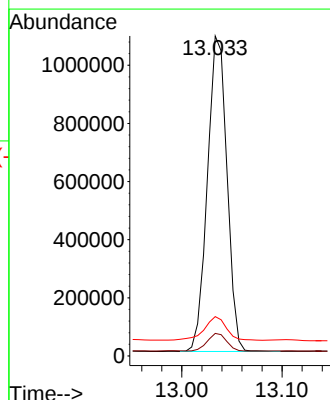
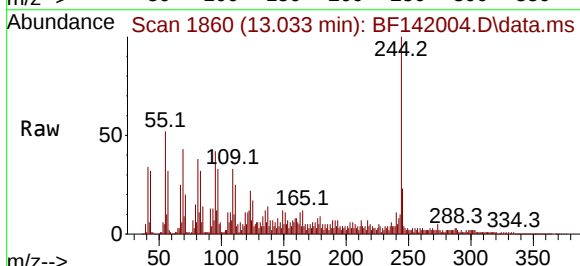
Tgt Ion:244 Resp: 1473451

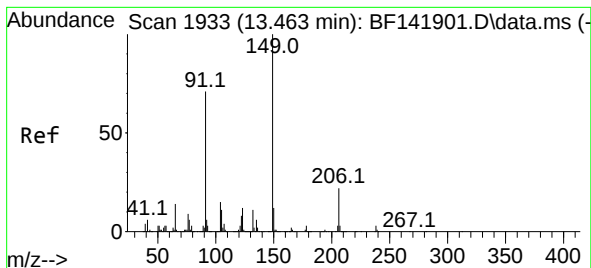
Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

122 12.3 7.7 11.5#





#80

Butylbenzylphthalate

Concen: 31.148 ng

RT: 13.498 min Scan# 1939

Delta R.T. 0.036 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

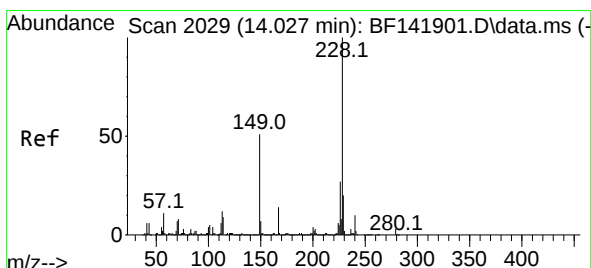
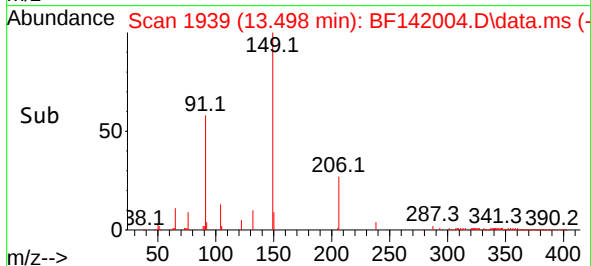
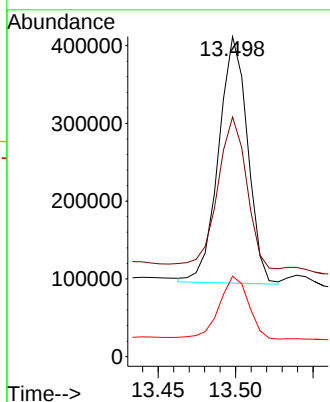
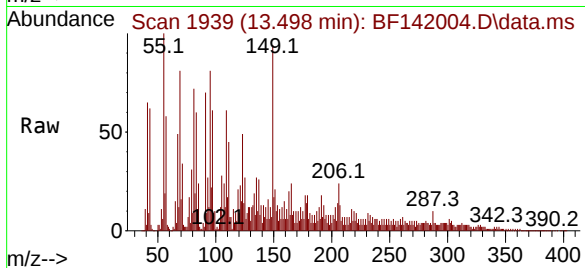
Tgt Ion:149 Resp: 411652

Ion Ratio Lower Upper

149 100

91 74.9 56.5 84.7

206 25.2 17.3 25.9



#81

Benzo(a)anthracene

Concen: 46.964 ng

RT: 14.074 min Scan# 2037

Delta R.T. 0.047 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

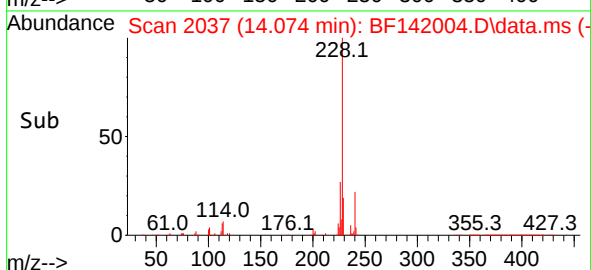
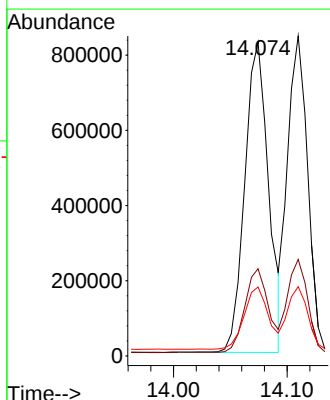
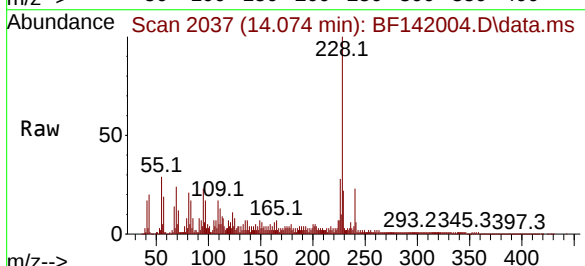
Tgt Ion:228 Resp: 1202956

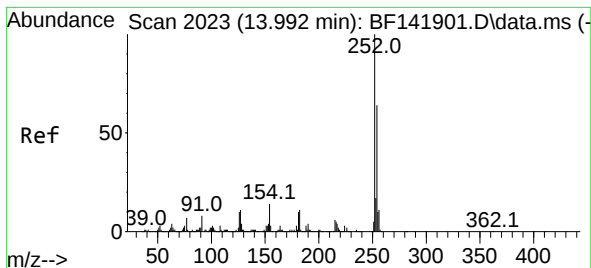
Ion Ratio Lower Upper

228 100

226 27.8 21.8 32.8

229 22.0 16.0 24.0





#82

3,3'-Dichlorobenzidine

Concen: 1.600 ng

RT: 14.033 min Scan# 2043

Delta R.T. 0.041 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

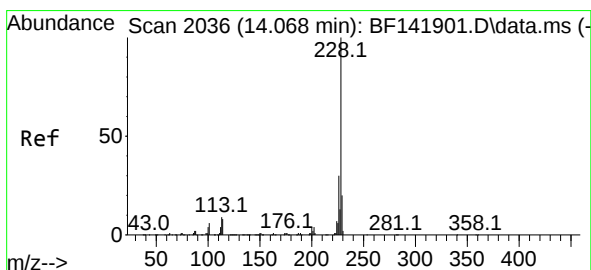
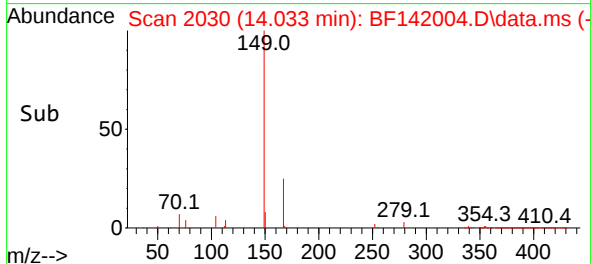
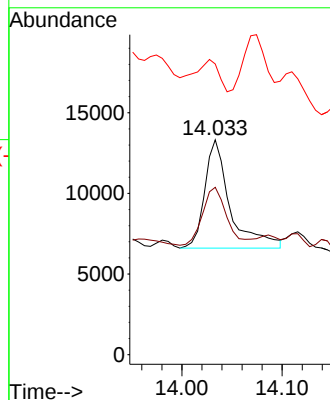
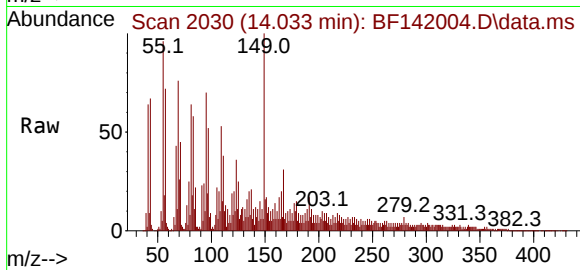
Tgt Ion:252 Resp: 11840

Ion Ratio Lower Upper

252 100

254 77.9 51.0 76.6#

126 135.3 8.4 12.6#



#83

Chrysene

Concen: 44.679 ng

RT: 14.110 min Scan# 2043

Delta R.T. 0.041 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

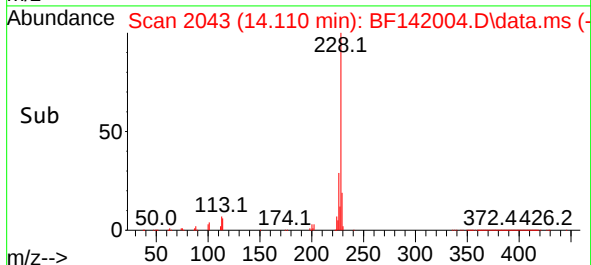
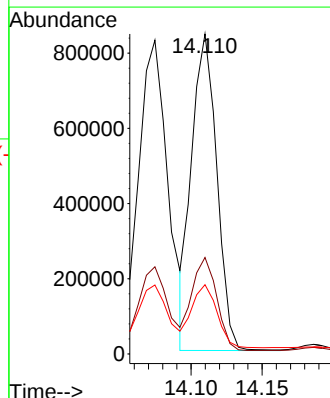
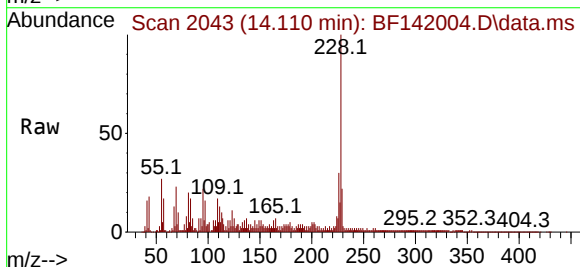
Tgt Ion:228 Resp: 1037406

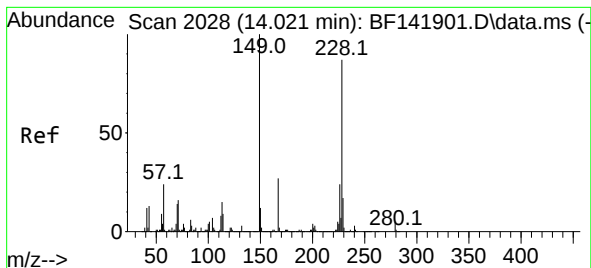
Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 21.6 15.7 23.5

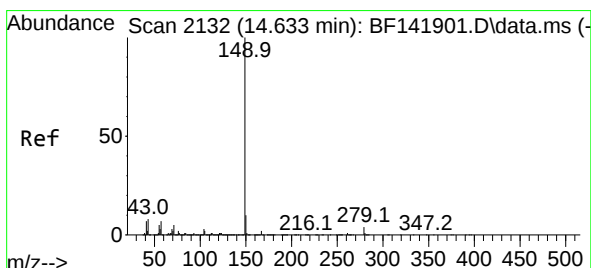
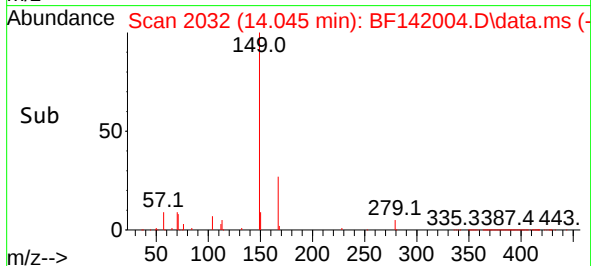
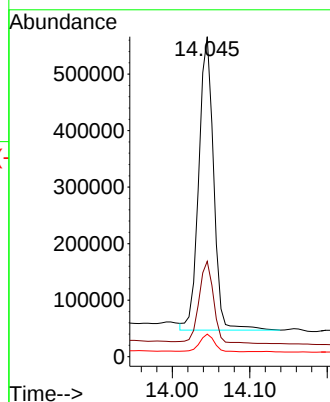
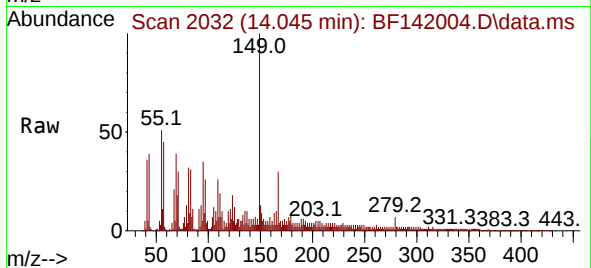




#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.811 ng
 RT: 14.045 min Scan# 2028
 Delta R.T. 0.024 min
 Lab File: BF142004.D
 Acq: 19 Mar 2025 14:16

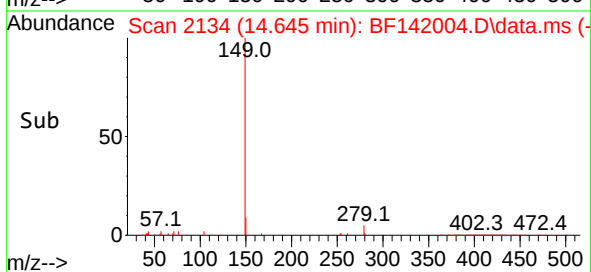
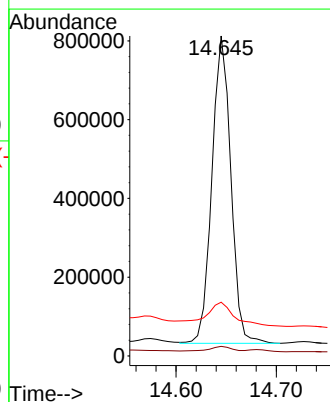
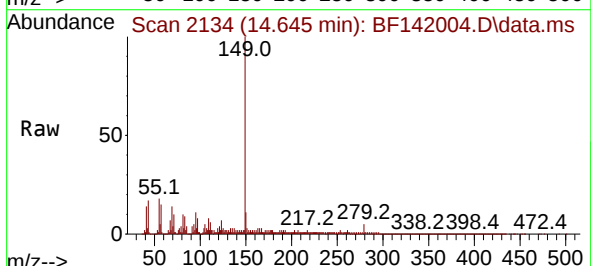
Instrument :
 BNA_F
 ClientSampleId :
 72-11944MS

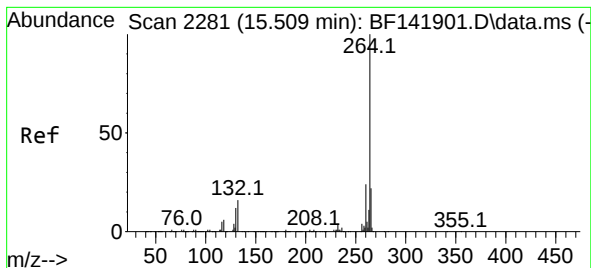
Tgt Ion:149 Resp: 688983
 Ion Ratio Lower Upper
 149 100
 167 29.8 21.4 32.0
 279 7.1 3.8 5.6#



#85
 Di-n-octyl phthalate
 Concen: 40.370 ng
 RT: 14.645 min Scan# 2134
 Delta R.T. 0.012 min
 Lab File: BF142004.D
 Acq: 19 Mar 2025 14:16

Tgt Ion:149 Resp: 1023535
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 11.0 6.9 10.3#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

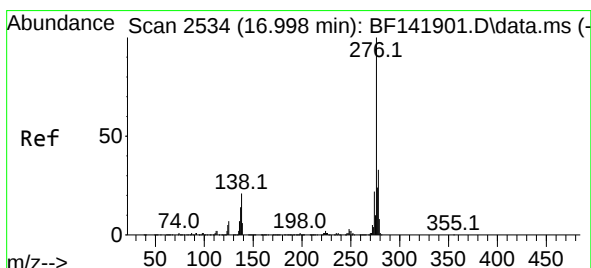
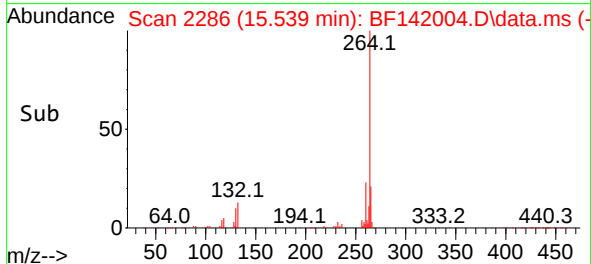
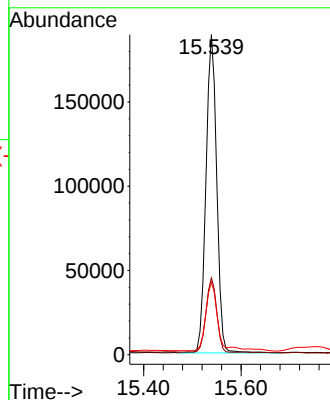
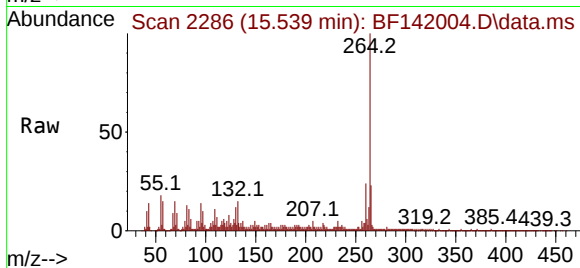
Tgt Ion:264 Resp: 289373

Ion Ratio Lower Upper

264 100

260 24.0 19.1 28.7

265 22.6 17.5 26.3



#87

Indeno(1,2,3-cd)pyrene

Concen: 38.352 ng

RT: 17.027 min Scan# 2539

Delta R.T. 0.030 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

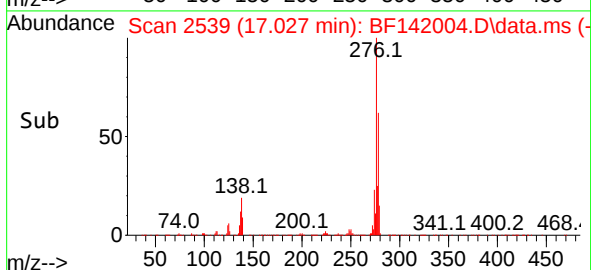
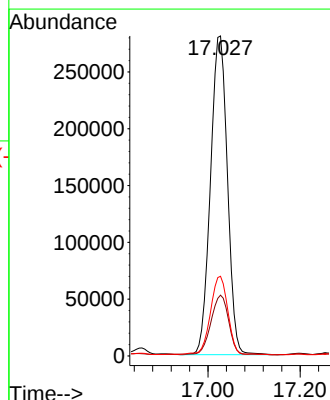
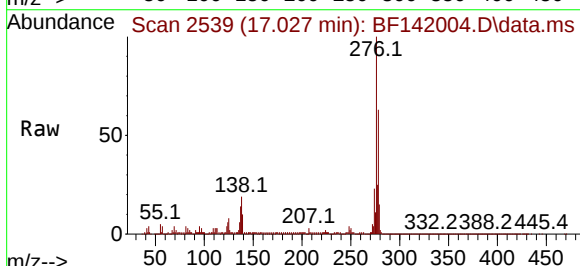
Tgt Ion:276 Resp: 717918

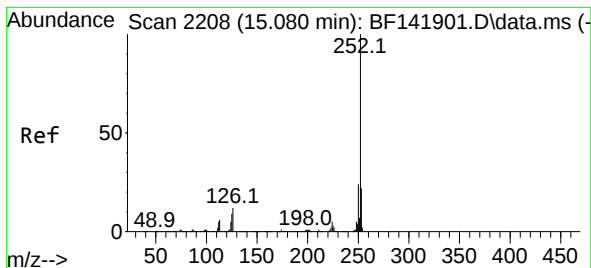
Ion Ratio Lower Upper

276 100

138 18.9 18.4 27.6

277 24.7 20.3 30.5





#88

Benzo(b)fluoranthene

Concen: 53.353 ng

RT: 15.110 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNF

ClientSampleId :

72-11944MS

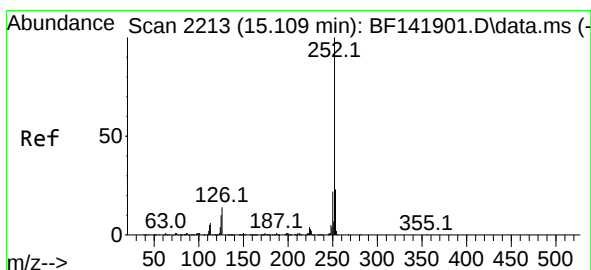
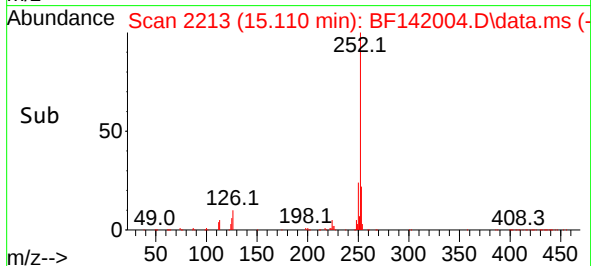
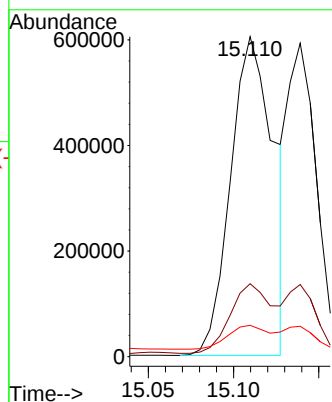
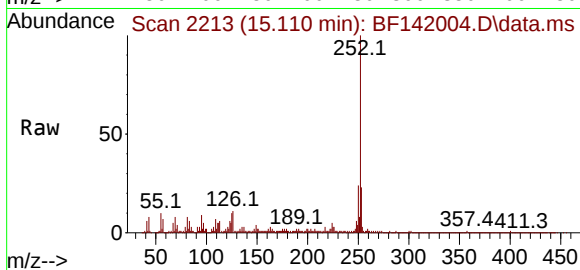
Tgt Ion:252 Resp: 1058122

Ion Ratio Lower Upper

252 100

253 22.8 17.5 26.3

125 9.8 7.0 10.4



#89

Benzo(k)fluoranthene

Concen: 40.402 ng

RT: 15.139 min Scan# 2218

Delta R.T. 0.030 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

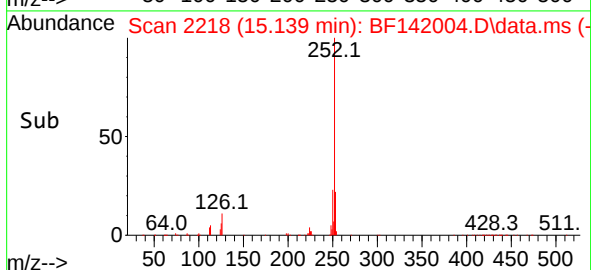
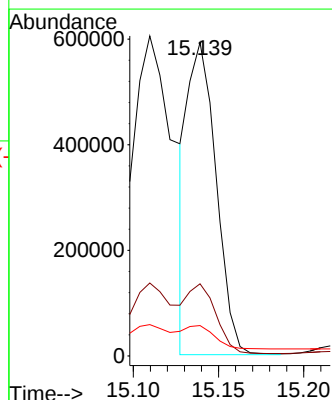
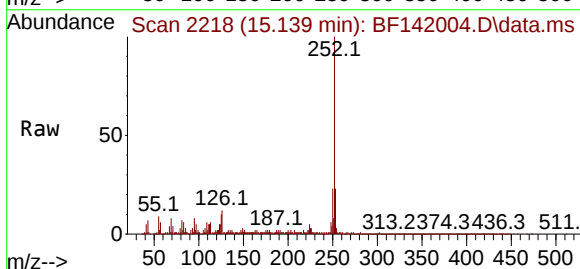
Tgt Ion:252 Resp: 685706

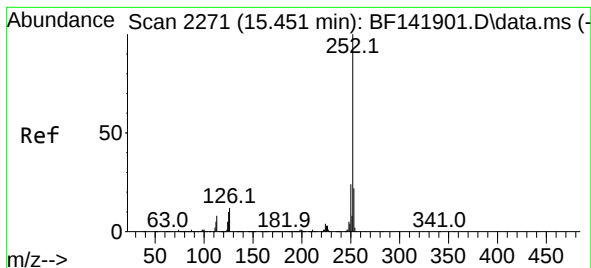
Ion Ratio Lower Upper

252 100

253 23.0 17.7 26.5

125 9.7 7.2 10.8





#90

Benzo(a)pyrene

Concen: 48.751 ng

RT: 15.480 min Scan# 21

Delta R.T. 0.030 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS

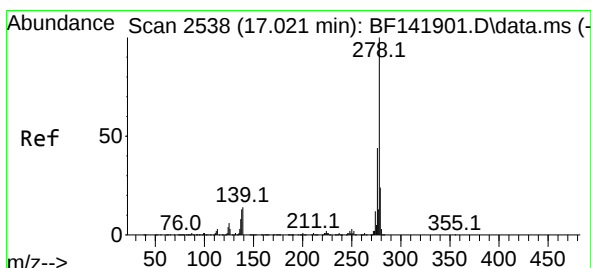
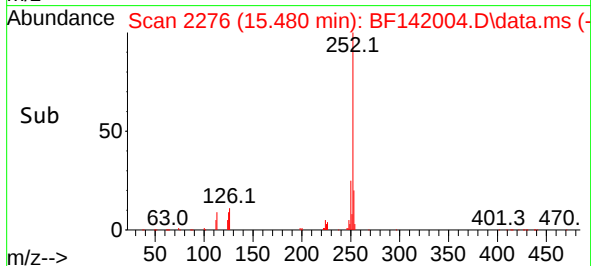
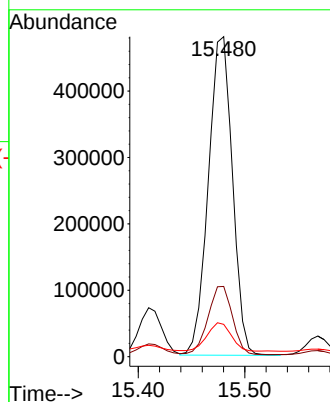
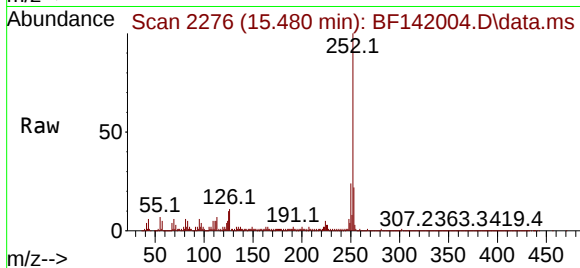
Tgt Ion:252 Resp: 756515

Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 10.1 7.8 11.8



#91

Dibenzo(a,h)anthracene

Concen: 35.477 ng

RT: 17.039 min Scan# 2541

Delta R.T. 0.018 min

Lab File: BF142004.D

Acq: 19 Mar 2025 14:16

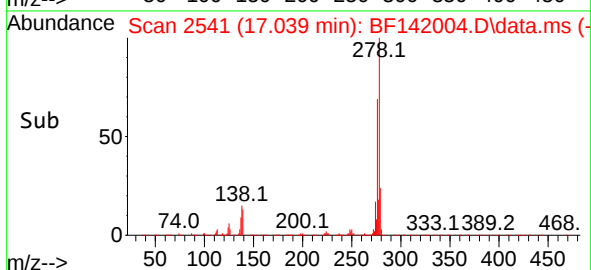
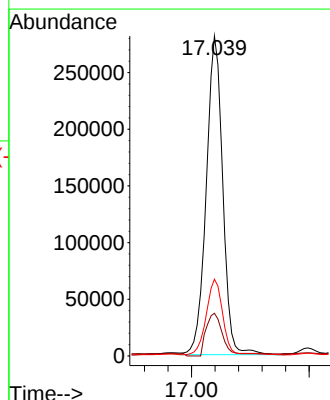
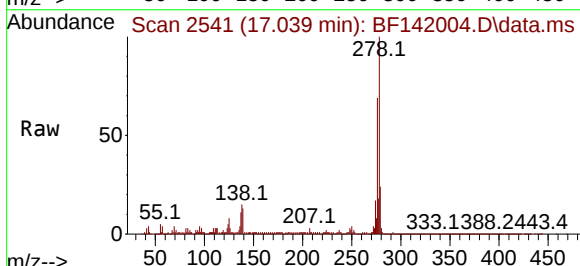
Tgt Ion:278 Resp: 547930

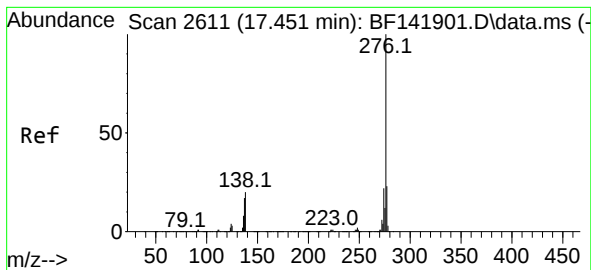
Ion Ratio Lower Upper

278 100

139 13.4 11.4 17.2

279 24.0 18.8 28.2





#92

Benzo(g,h,i)perylene

Concen: 36.010 ng

RT: 17.474 min Scan# 20

Delta R.T. 0.024 min

Lab File: BF142004.D

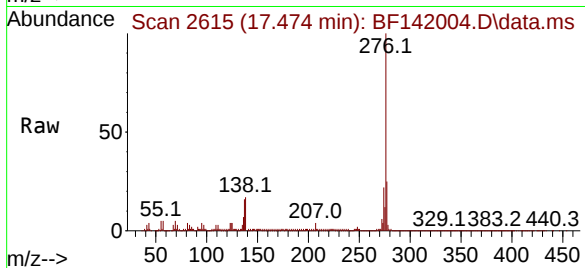
Acq: 19 Mar 2025 14:16

Instrument :

BNA_F

ClientSampleId :

72-11944MS



Tgt Ion:276 Resp: 549597

Ion Ratio Lower Upper

276 100

277 24.7 18.7 28.1

138 17.3 15.8 23.8

