

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020425\
 Data File : BF141407.D
 Acq On : 04 Feb 2025 14:39
 Operator : RC/JU
 Sample : PB166426BS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BS

Quant Time: Feb 04 15:34:26 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.787	152	82681	20.000	ng	-0.02
21) Naphthalene-d8	8.075	136	331184	20.000	ng	#-0.01
39) Acenaphthene-d10	9.827	164	180993	20.000	ng	-0.01
64) Phenanthrene-d10	11.316	188	312610	20.000	ng	-0.01
76) Chrysene-d12	13.963	240	234119	20.000	ng	-0.01
86) Perylene-d12	15.421	264	200536	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	713019	132.392	ng	0.00
7) Phenol-d6	6.434	99	872692	127.377	ng	0.00
23) Nitrobenzene-d5	7.357	82	579317	92.213	ng	-0.01
42) 2,4,6-Tribromophenol	10.622	330	254875	153.605	ng	-0.01
45) 2-Fluorobiphenyl	9.151	172	1099591	93.511	ng	-0.01
79) Terphenyl-d14	12.904	244	1365459	89.945	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.551	88	94708	39.985	ng	98
3) Pyridine	3.275	79	226080	39.615	ng	97
4) n-Nitrosodimethylamine	3.228	42	163446	50.135	ng	89
6) Aniline	6.451	93	217287	37.466	ng	# 10
8) 2-Chlorophenol	6.581	128	278040	48.166	ng	95
9) Benzaldehyde	6.334	77	25465	6.417	ng	98
10) Phenol	6.445	94	326970	45.020	ng	# 69
11) bis(2-Chloroethyl)ether	6.528	93	253314	45.490	ng	98
12) 1,3-Dichlorobenzene	6.728	146	289320	45.456	ng	99
13) 1,4-Dichlorobenzene	6.804	146	290732	45.469	ng	99
14) 1,2-Dichlorobenzene	6.957	146	278667	46.543	ng	99
15) Benzyl Alcohol	6.934	79	243779	52.066	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.063	45	425235	43.914	ng	56
17) 2-Methylphenol	7.057	107	215340	45.900	ng	# 88
18) Hexachloroethane	7.298	117	112078	47.515	ng	99
19) n-Nitroso-di-n-propyla...	7.204	70	192355	47.250	ng	99
20) 3+4-Methylphenols	7.204	107	278667	48.376	ng	94
22) Acetophenone	7.198	105	387286	49.197	ng	# 97
24) Nitrobenzene	7.375	77	291997	44.851	ng	99
25) Isophorone	7.610	82	512208	47.166	ng	99
26) 2-Nitrophenol	7.686	139	149139	48.573	ng	96
27) 2,4-Dimethylphenol	7.734	122	214302m	54.835	ng	
28) bis(2-Chloroethoxy)met...	7.822	93	311809	45.013	ng	99
29) 2,4-Dichlorophenol	7.939	162	228705	47.802	ng	99
30) 1,2,4-Trichlorobenzene	8.016	180	242234	44.333	ng	100
31) Naphthalene	8.092	128	799068	45.673	ng	100
32) Benzoic acid	7.857	122	173870	48.396	ng	97
33) 4-Chloroaniline	8.145	127	111900	18.861	ng	99
34) Hexachlorobutadiene	8.210	225	153801	47.999	ng	99
35) Caprolactam	8.510	113	71389m	45.688	ng	
36) 4-Chloro-3-methylphenol	8.639	107	252782	49.256	ng	97
37) 2-Methylnaphthalene	8.786	142	524031	47.126	ng	99
38) 1-Methylnaphthalene	8.886	142	488613	44.732	ng	99
40) 1,2,4,5-Tetrachloroben...	8.951	216	244141	47.415	ng	98
41) Hexachlorocyclopentadiene	8.939	237	292771	192.529	ng	99
43) 2,4,6-Trichlorophenol	9.069	196	164492	48.807	ng	98

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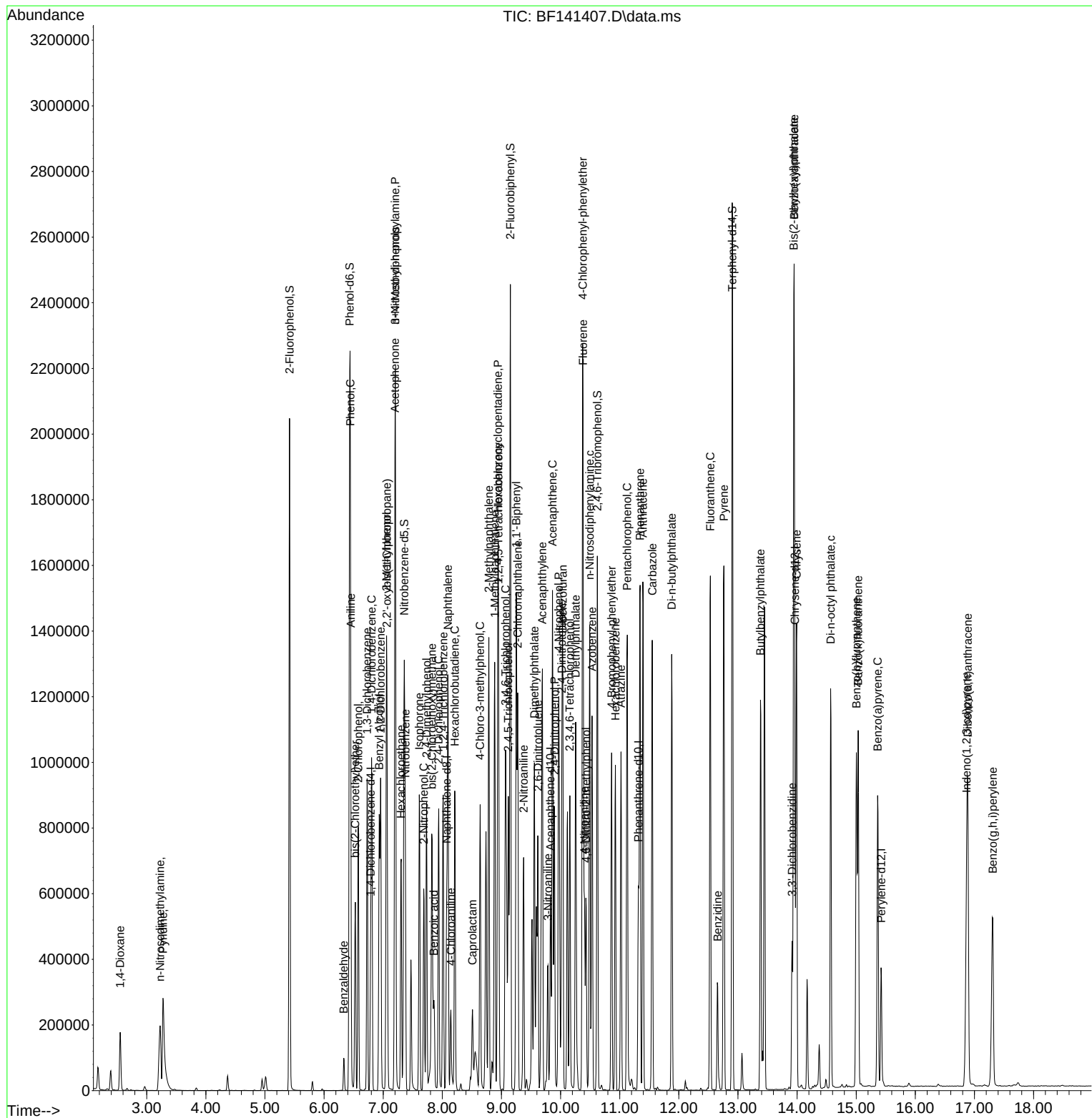
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	173420	47.278	ng	98
46) 1,1'-Biphenyl	9.251	154	655951	46.471	ng	99
47) 2-Chloronaphthalene	9.275	162	489548	44.496	ng	99
48) 2-Nitroaniline	9.375	65	170280	49.205	ng	97
49) Acenaphthylene	9.692	152	760954	49.410	ng	100
50) Dimethylphthalate	9.557	163	593755	48.572	ng	100
51) 2,6-Dinitrotoluene	9.616	165	132856	46.808	ng	98
52) Acenaphthene	9.863	154	591701m	53.779	ng	
53) 3-Nitroaniline	9.786	138	80709	29.013	ng	99
54) 2,4-Dinitrophenol	9.898	184	154693	117.244	ng	93
55) Dibenzofuran	10.039	168	700235	47.547	ng	97
56) 4-Nitrophenol	9.969	139	212195	104.299	ng	90
57) 2,4-Dinitrotoluene	10.022	165	183846	50.028	ng	94
58) Fluorene	10.380	166	560118	49.031	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.157	232	154775	53.634	ng	98
60) Diethylphthalate	10.257	149	586751	49.503	ng	99
61) 4-Chlorophenyl-phenyle...	10.374	204	268913	48.191	ng	97
62) 4-Nitroaniline	10.404	138	135954	49.710	ng	94
63) Azobenzene	10.533	77	564907	47.614	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	109062	58.982	ng	96
66) n-Nitrosodiphenylamine	10.492	169	490366	48.499	ng	99
67) 4-Bromophenyl-phenylether	10.863	248	169955	48.562	ng	99
68) Hexachlorobenzene	10.927	284	181362	48.853	ng	98
69) Atrazine	11.022	200	175099	51.796	ng	99
70) Pentachlorophenol	11.127	266	224331	103.193	ng	99
71) Phenanthrene	11.345	178	861852	51.288	ng	100
72) Anthracene	11.392	178	882833	53.619	ng	99
73) Carbazole	11.551	167	770620	52.783	ng	99
74) Di-n-butylphthalate	11.880	149	922589	52.143	ng	99
75) Fluoranthene	12.533	202	925902	55.804	ng	98
77) Benzidine	12.657	184	182119	24.265	ng	99
78) Pyrene	12.763	202	951626	42.345	ng	100
80) Butylbenzylphthalate	13.380	149	386308	49.204	ng	99
81) Benzo(a)anthracene	13.951	228	745476	46.144	ng	99
82) 3,3'-Dichlorobenzidine	13.915	252	128195	24.949	ng	99
83) Chrysene	13.992	228	722130	48.772	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	509487	51.156	ng	99
85) Di-n-octyl phthalate	14.568	149	801166	51.792	ng	99
87) Indeno(1,2,3-cd)pyrene	16.868	276	638218	49.309	ng	96
88) Benzo(b)fluoranthene	15.004	252	697768	55.316	ng	99
89) Benzo(k)fluoranthene	15.033	252	528168	47.265	ng	99
90) Benzo(a)pyrene	15.362	252	566504	53.145	ng	98
91) Dibenzo(a,h)anthracene	16.886	278	511474	49.118	ng	98
92) Benzo(g,h,i)perylene	17.309	276	479740	44.307	ng	95

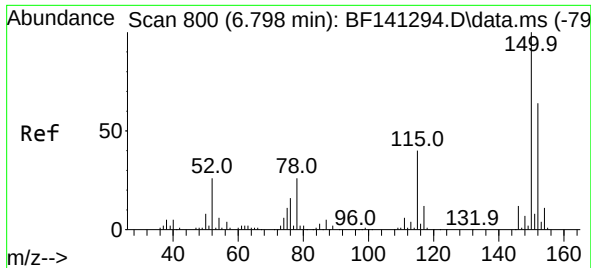
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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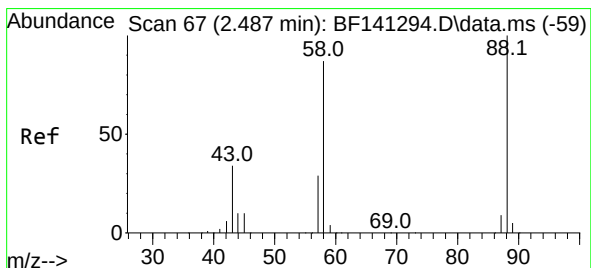
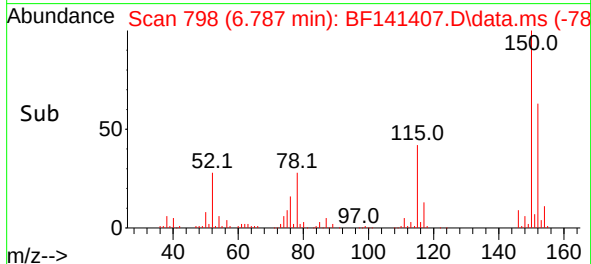
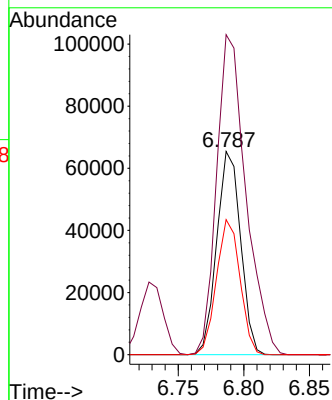
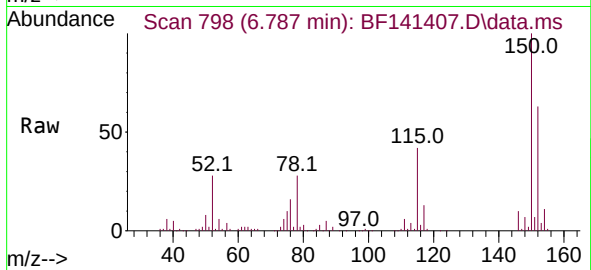




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.787 min Scan# 79
 Delta R.T. -0.018 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

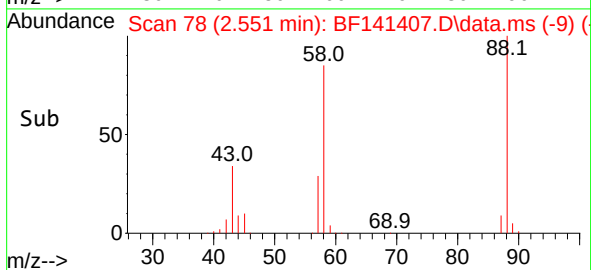
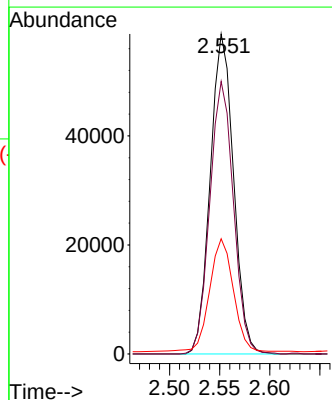
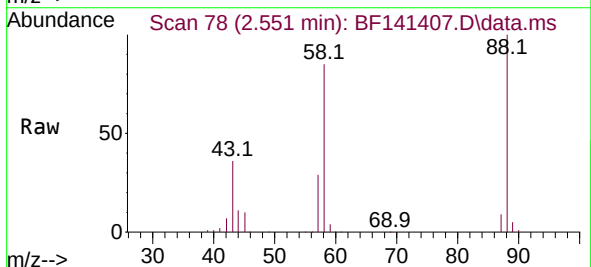
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 BNA_F
 ClientSampleId :
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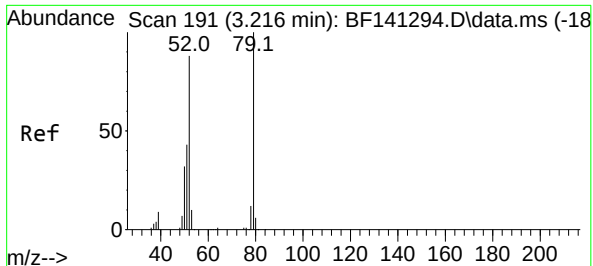
Tgt Ion:152 Resp: 82681
 Ion Ratio Lower Upper
 152 100
 150 157.5 125.9 188.9
 115 66.5 49.7 74.5



#2
 1,4-Dioxane
 Concen: 39.985 ng
 RT: 2.551 min Scan# 78
 Delta R.T. 0.059 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

Tgt Ion: 88 Resp: 94708
 Ion Ratio Lower Upper
 88 100
 58 86.5 70.2 105.4
 43 36.1 27.6 41.4





#3

Pyridine

Concen: 39.615 ng

RT: 3.275 min Scan# 20

Delta R.T. 0.047 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

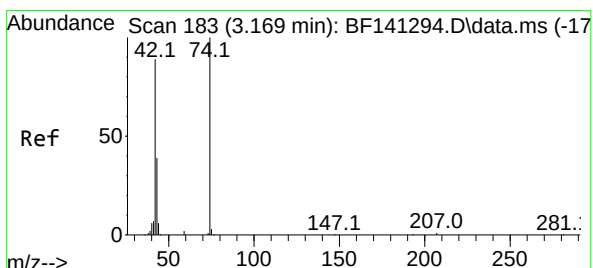
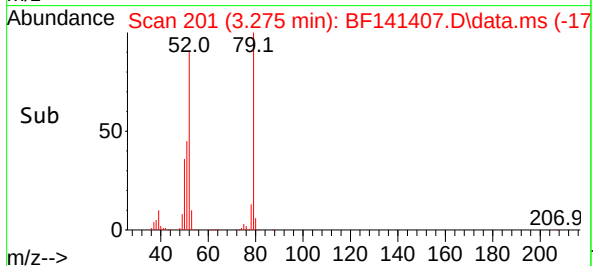
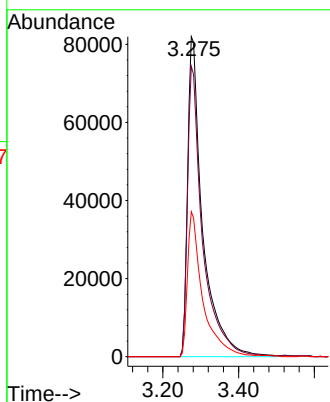
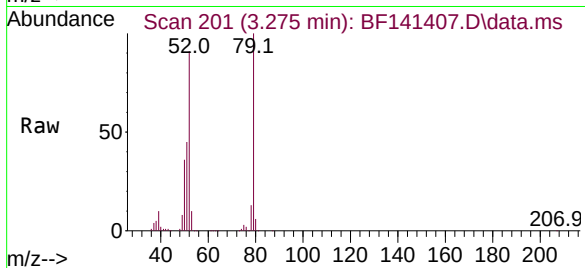
Tgt Ion: 79 Resp: 226080

Ion Ratio Lower Upper

79 100

52 90.7 70.3 105.5

51 45.3 34.3 51.5



#4

n-Nitrosodimethylamine

Concen: 50.135 ng

RT: 3.228 min Scan# 193

Delta R.T. 0.029 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

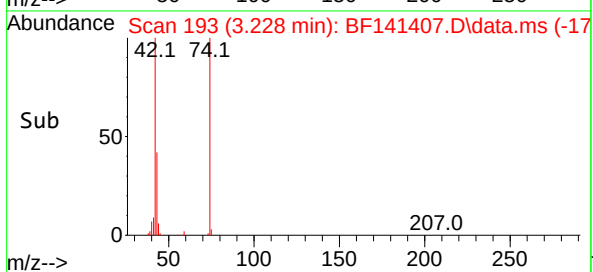
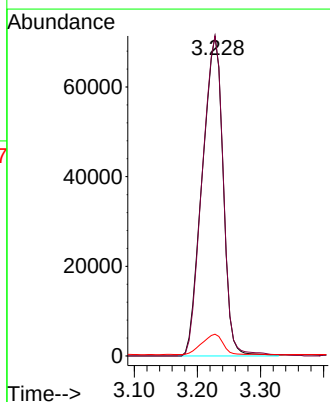
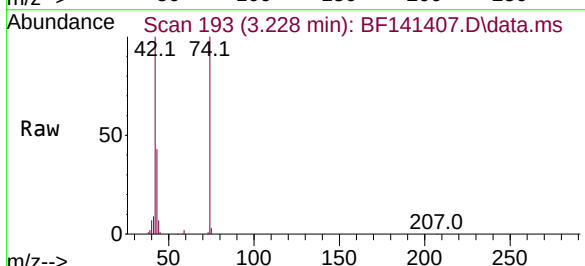
Tgt Ion: 42 Resp: 163446

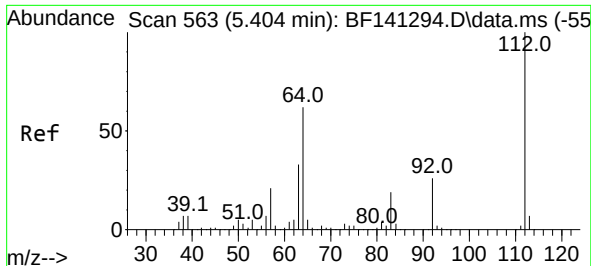
Ion Ratio Lower Upper

42 100

74 100.1 90.3 135.5

44 6.8 5.7 8.5

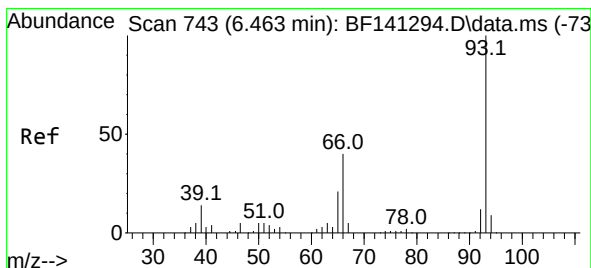
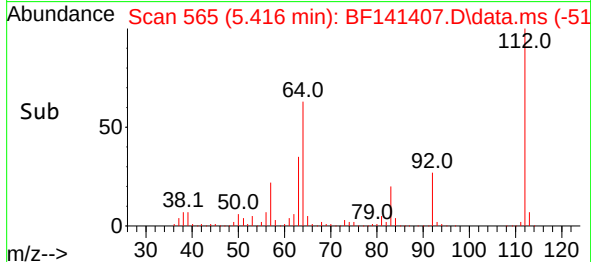
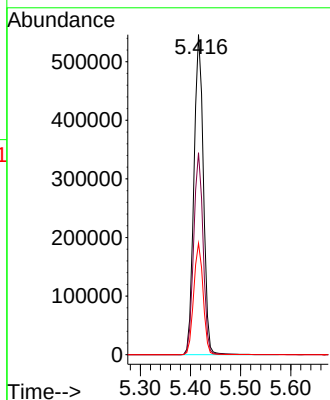
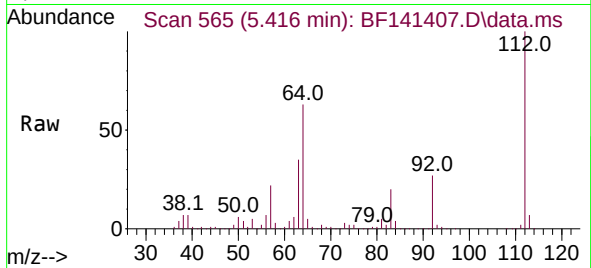




#5
2-Fluorophenol
Concen: 132.392 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

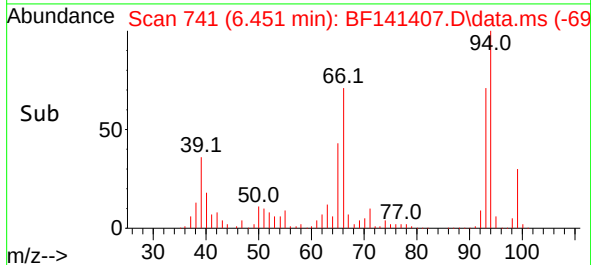
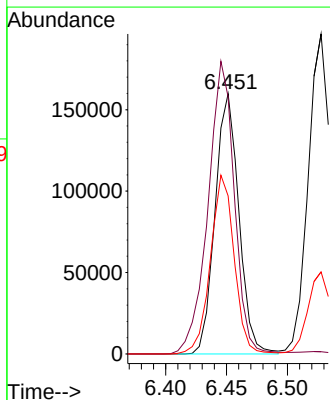
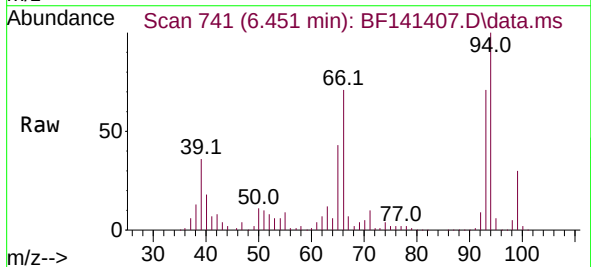
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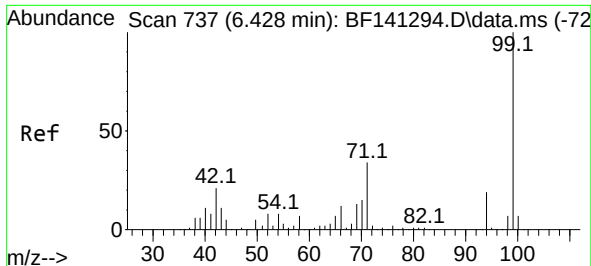
Tgt Ion:112 Resp: 713019
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 34.8 26.1 39.1



#6
Aniline
Concen: 37.466 ng
RT: 6.451 min Scan# 741
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion: 93 Resp: 217287
Ion Ratio Lower Upper
93 100
66 98.7 32.5 48.7#
65 60.7 17.0 25.6#

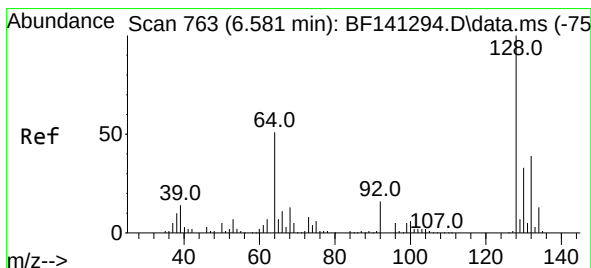
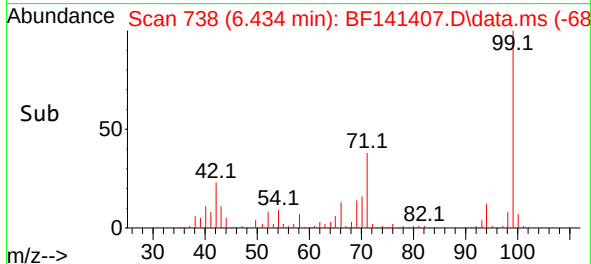
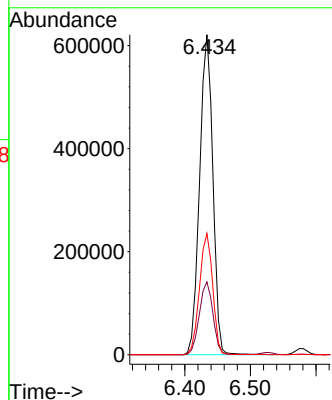
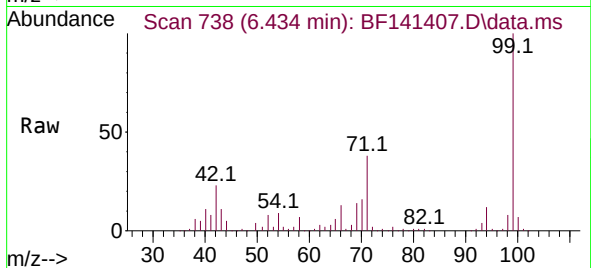




#7
Phenol-d6
Concen: 127.377 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

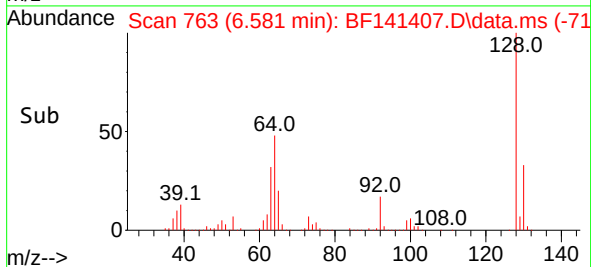
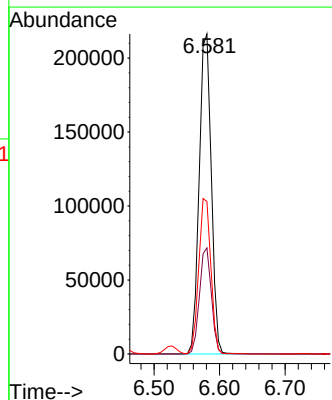
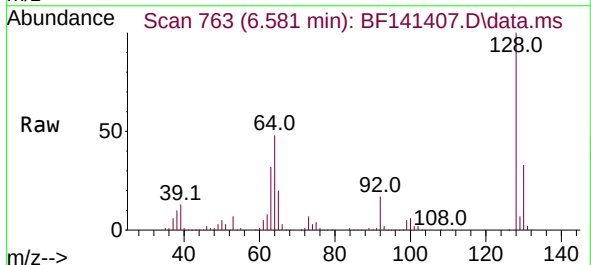
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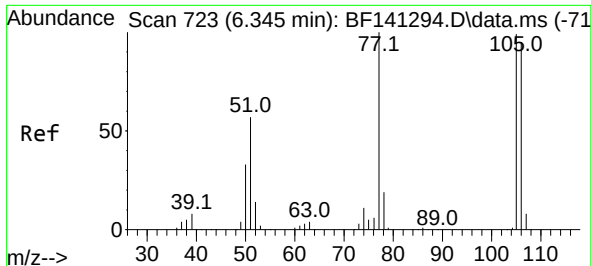
Tgt Ion: 99 Resp: 872692
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 37.8 26.9 40.3



#8
2-Chlorophenol
Concen: 48.166 ng
RT: 6.581 min Scan# 763
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:128 Resp: 278040
Ion Ratio Lower Upper
128 100
130 33.2 12.5 52.5
64 47.7 32.9 72.9

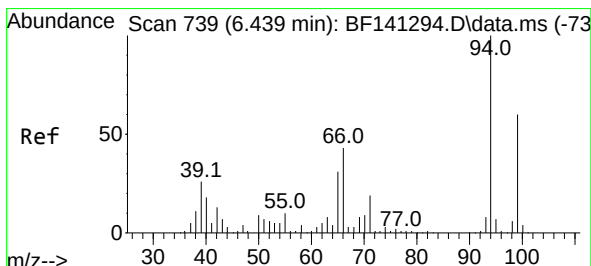
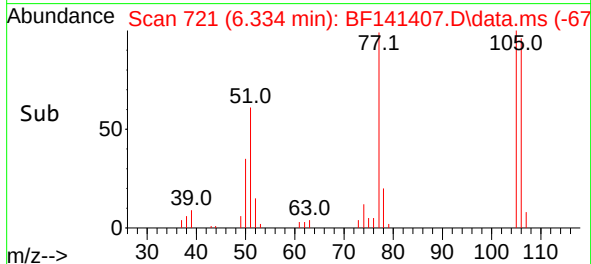
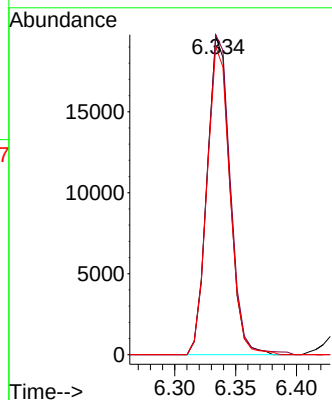
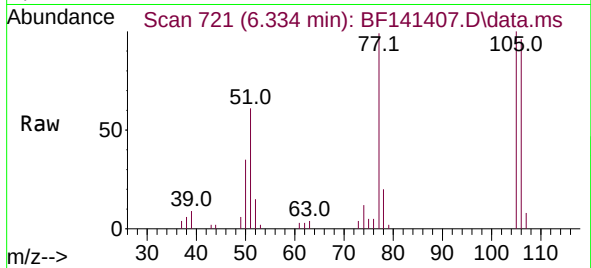




#9
Benzaldehyde
Concen: 6.417 ng
RT: 6.334 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

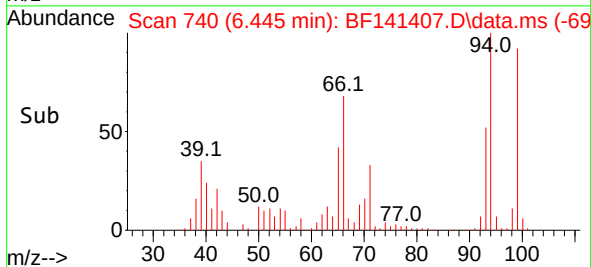
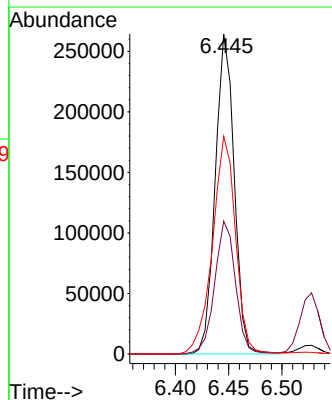
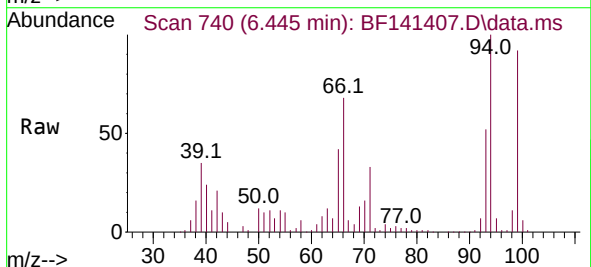
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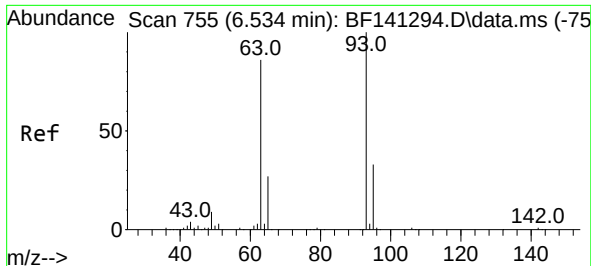
Tgt Ion: 77 Resp: 25465
Ion Ratio Lower Upper
77 100
105 100.6 79.4 119.4
106 96.8 74.6 114.6



#10
Phenol
Concen: 45.020 ng
RT: 6.445 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion: 94 Resp: 326970
Ion Ratio Lower Upper
94 100
65 41.5 10.8 50.8
66 68.0 23.3 63.3#





#11

bis(2-Chloroethyl)ether

Concen: 45.490 ng

RT: 6.528 min Scan# 71

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

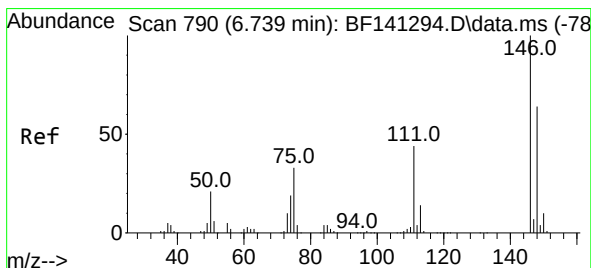
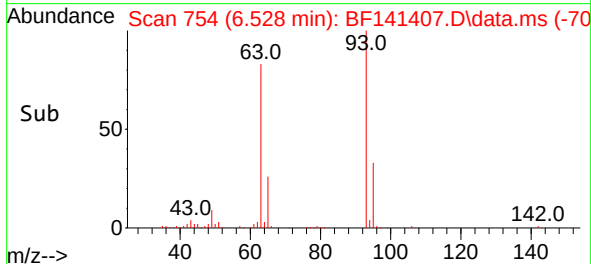
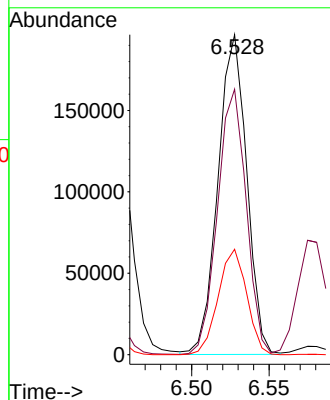
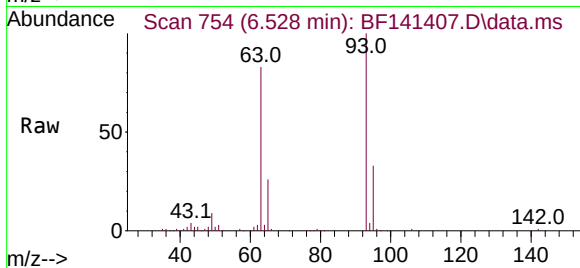
BNA_F

ClientSampleId :

PB166426BS

Tgt Ion: 93 Resp: 253314

Ion	Ratio	Lower	Upper
93	100		
63	83.0	65.0	105.0
95	33.0	12.4	52.4



#12

1,3-Dichlorobenzene

Concen: 45.456 ng

RT: 6.728 min Scan# 788

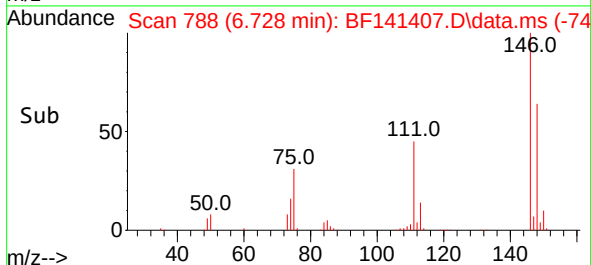
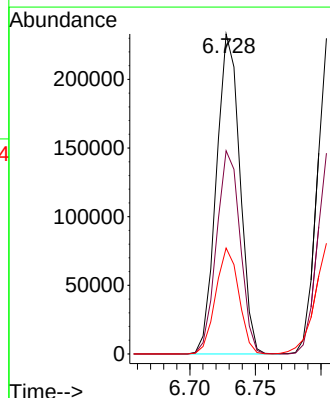
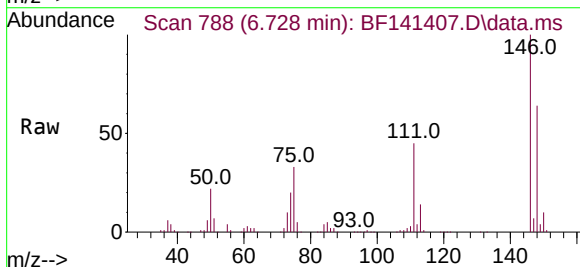
Delta R.T. -0.018 min

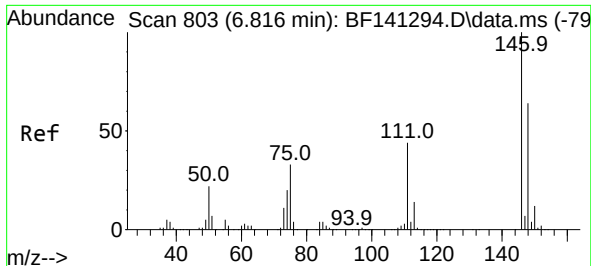
Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion: 146 Resp: 289320

Ion	Ratio	Lower	Upper
146	100		
148	63.5	51.2	76.8
75	33.1	26.2	39.4

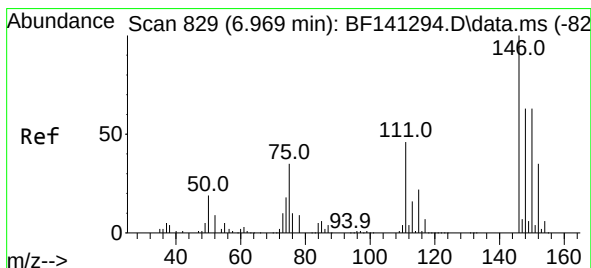
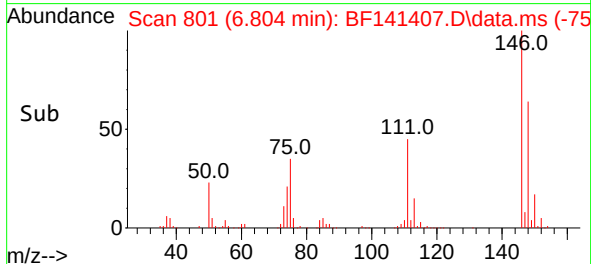
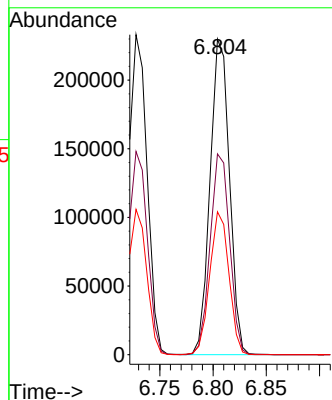
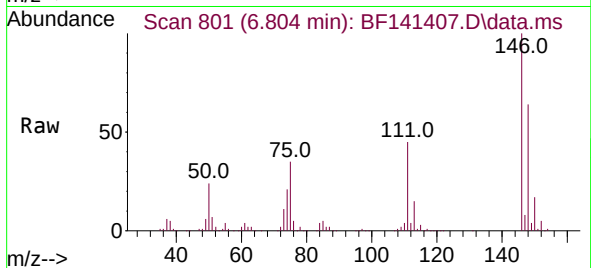




#13
 1,4-Dichlorobenzene
 Concen: 45.469 ng
 RT: 6.804 min Scan# 801
 Delta R.T. -0.018 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

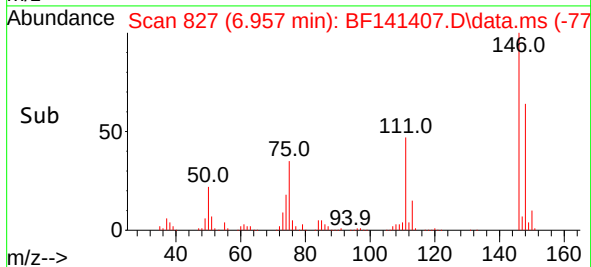
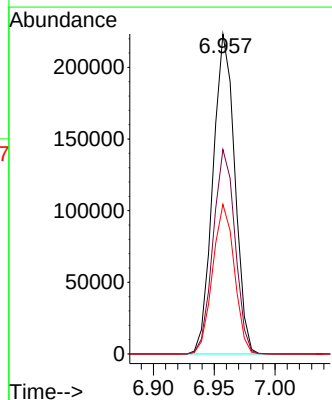
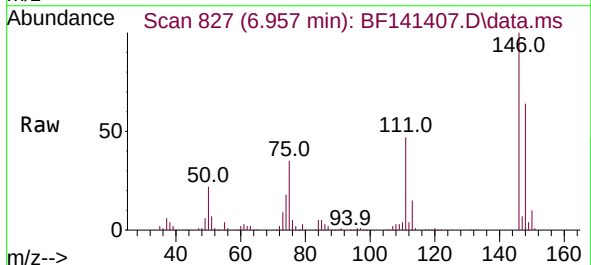
Instrument :
 BNA_F
 ClientSampleId :
 PB166426BS

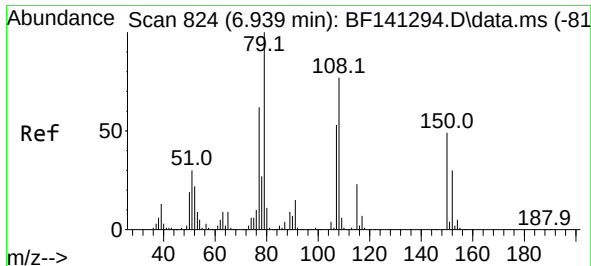
Tgt Ion:146 Resp: 290732
 Ion Ratio Lower Upper
 146 100
 148 63.6 51.2 76.8
 111 45.3 35.0 52.4



#14
 1,2-Dichlorobenzene
 Concen: 46.543 ng
 RT: 6.957 min Scan# 827
 Delta R.T. -0.018 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

Tgt Ion:146 Resp: 278667
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.5 75.7
 111 46.7 36.6 55.0

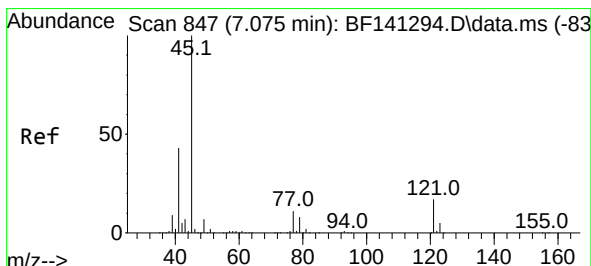
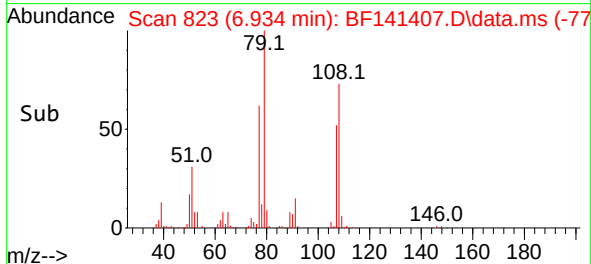
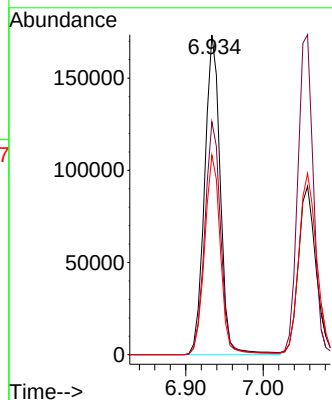
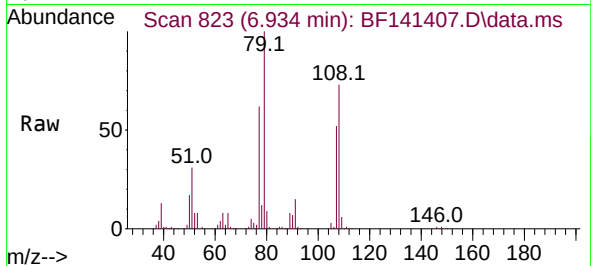




#15
Benzyl Alcohol
Concen: 52.066 ng
RT: 6.934 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

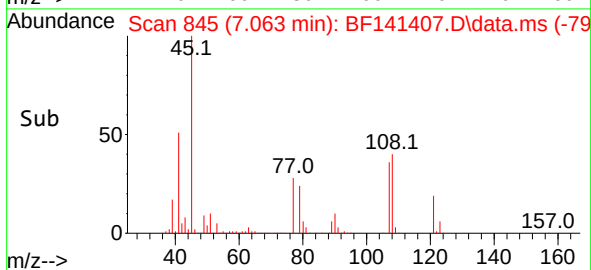
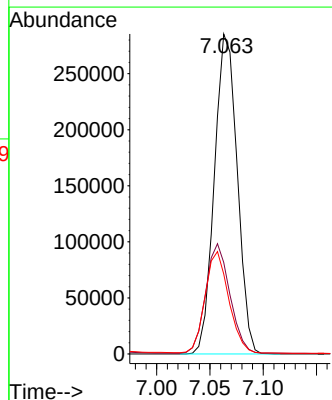
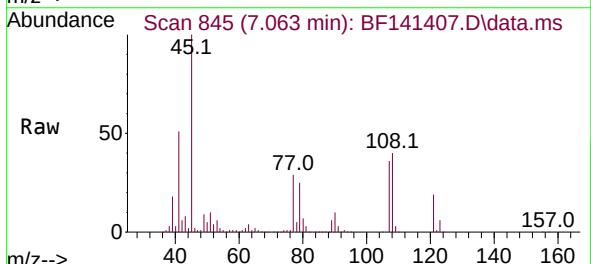
Instrument :
BNA_F
ClientSampleId :
PB166426BS

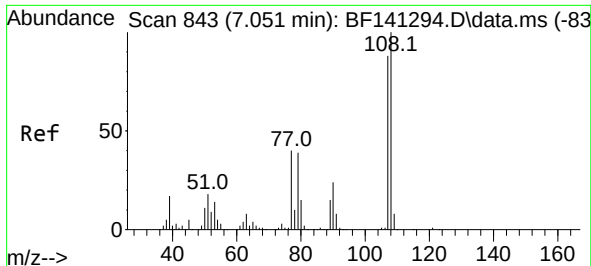
Tgt Ion: 79 Resp: 243779
Ion Ratio Lower Upper
79 100
108 72.9 61.4 92.0
77 62.5 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.914 ng
RT: 7.063 min Scan# 845
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion: 45 Resp: 425235
Ion Ratio Lower Upper
45 100
77 28.6 0.0 31.8
79 25.0 0.0 29.1

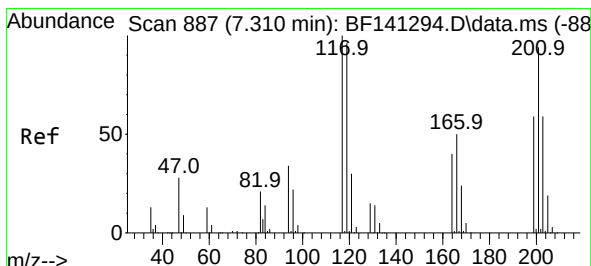
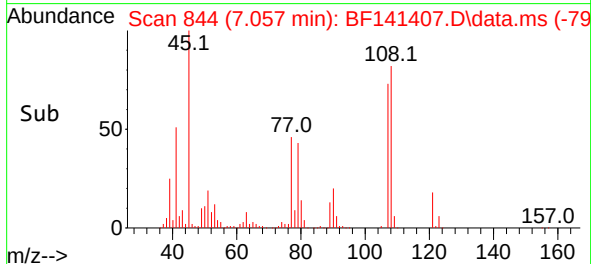
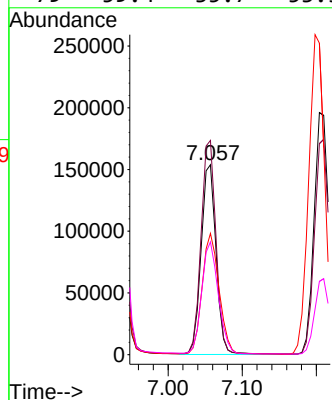
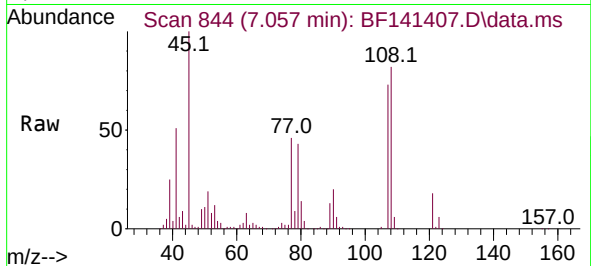




#17
2-Methylphenol
Concen: 45.900 ng
RT: 7.057 min Scan# 84
Delta R.T. -0.000 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

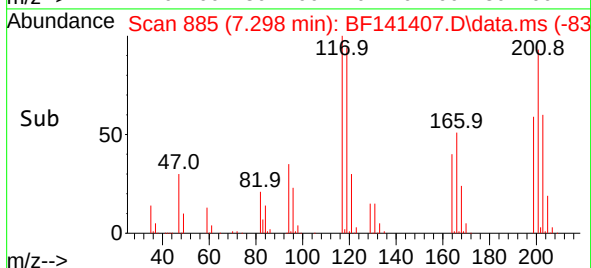
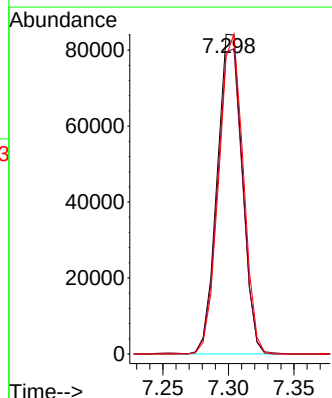
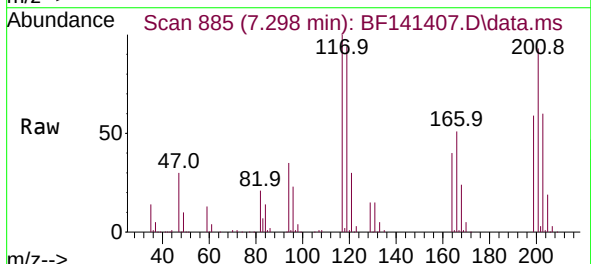
Instrument :
BNA_F
ClientSampleId :
PB166426BS

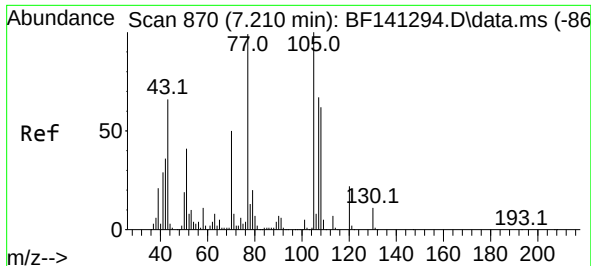
Tgt Ion:107 Resp: 215340
Ion Ratio Lower Upper
107 100
108 112.8 90.8 136.2
77 63.9 36.2 54.4#
79 59.4 35.7 53.5#



#18
Hexachloroethane
Concen: 47.515 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:117 Resp: 112078
Ion Ratio Lower Upper
117 100
119 94.4 76.6 114.8
201 93.0 74.8 112.2

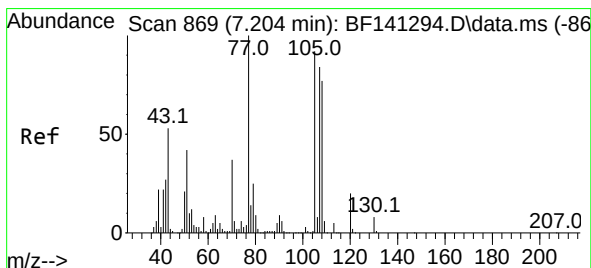
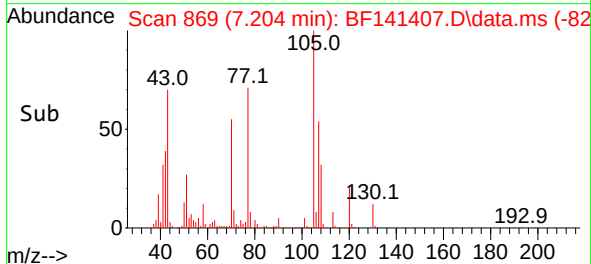
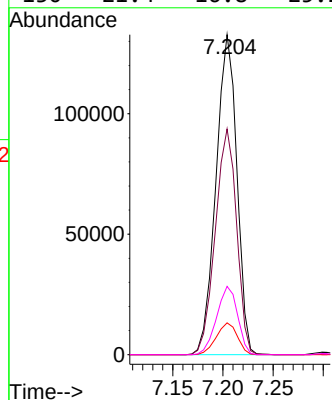
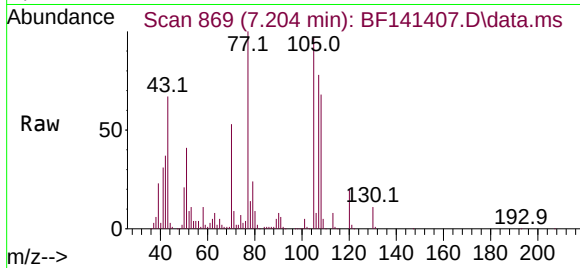




#19
n-Nitroso-di-n-propylamine
Concen: 47.250 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.024 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

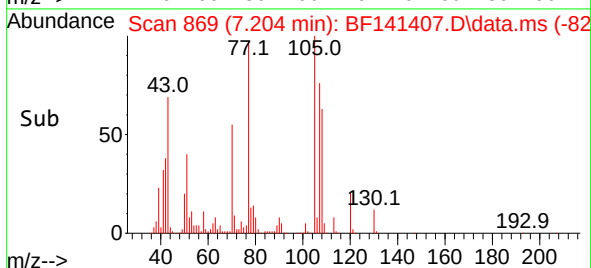
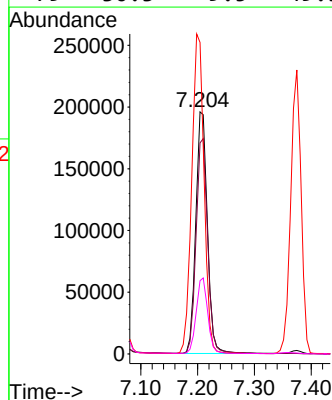
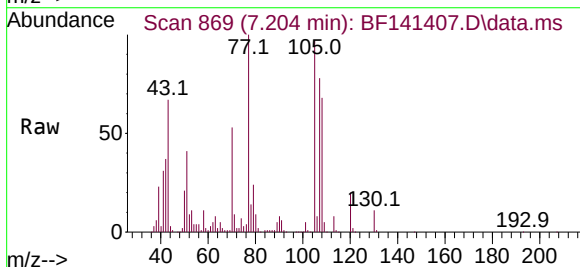
Instrument :
BNA_F
ClientSampleId :
PB166426BS

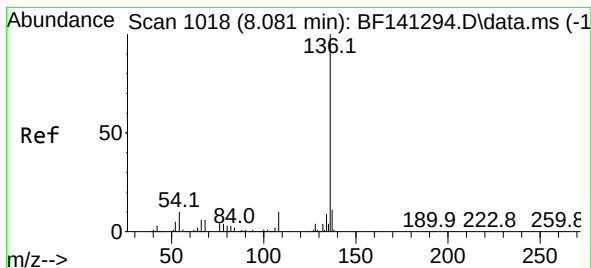
Tgt Ion: 70 Resp: 192355
Ion Ratio Lower Upper
70 100
42 70.6 56.8 85.2
101 9.9 7.7 11.5
130 21.4 16.8 25.2



#20
3+4-Methylphenols
Concen: 48.376 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion: 107 Resp: 278667
Ion Ratio Lower Upper
107 100
108 87.2 70.9 110.9
77 128.7 98.5 138.5
79 30.3 9.5 49.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.075 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

Tgt Ion:136 Resp: 331184

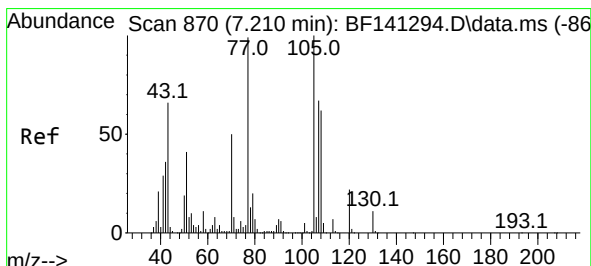
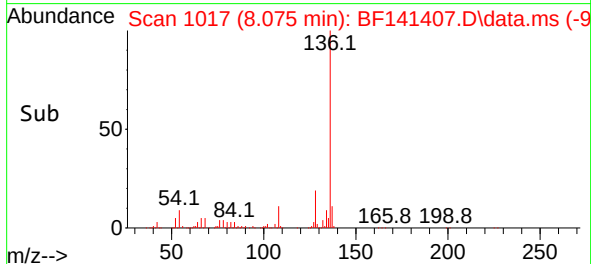
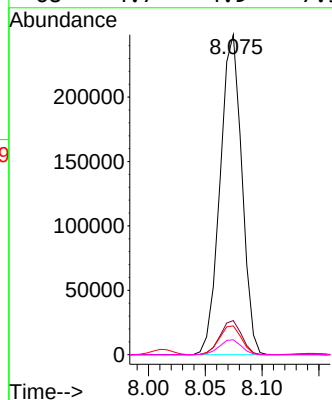
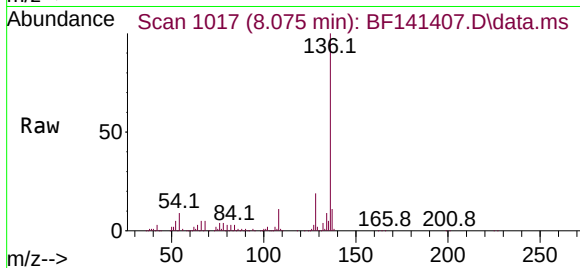
Ion Ratio Lower Upper

136 100

137 10.6 8.6 13.0

54 9.0 7.8 11.8

68 4.7 4.9 7.3#



#22

Acetophenone

Concen: 49.197 ng

RT: 7.198 min Scan# 868

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion:105 Resp: 387286

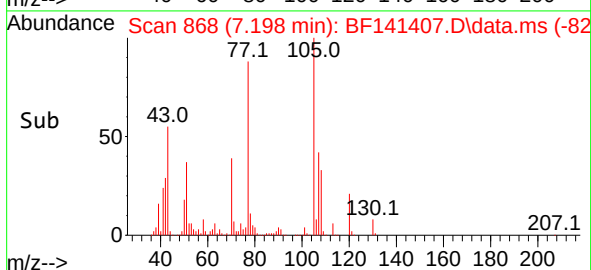
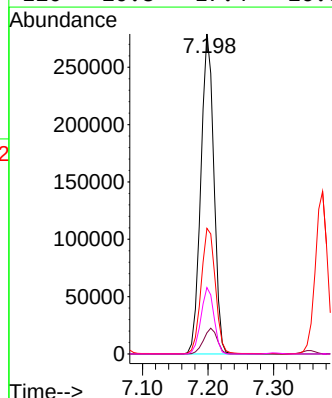
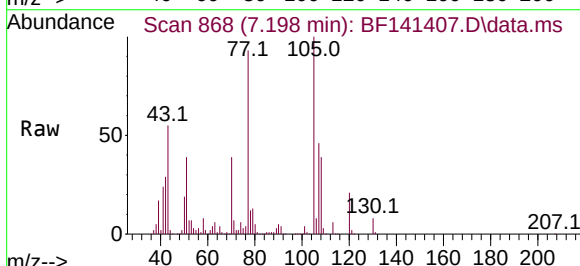
Ion Ratio Lower Upper

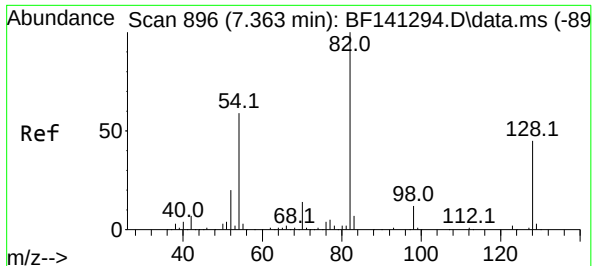
105 100

71 6.6 6.8 10.2#

51 39.2 32.6 49.0

120 20.8 17.4 26.0





#23

Nitrobenzene-d5

Concen: 92.213 ng

RT: 7.357 min Scan# 895

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

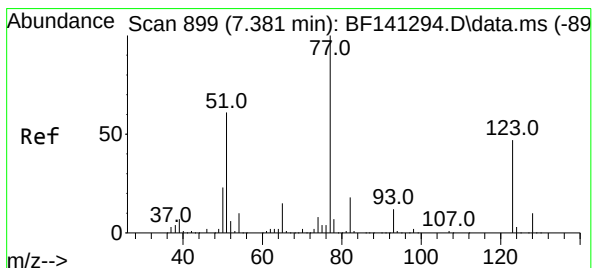
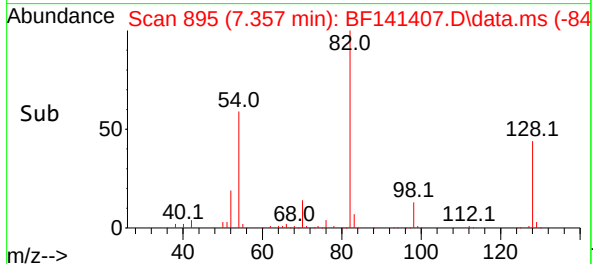
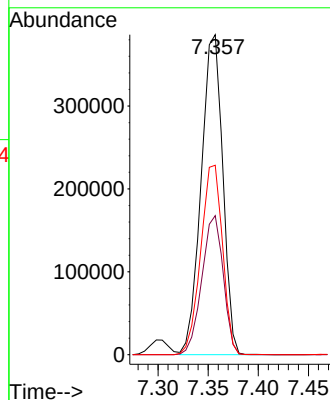
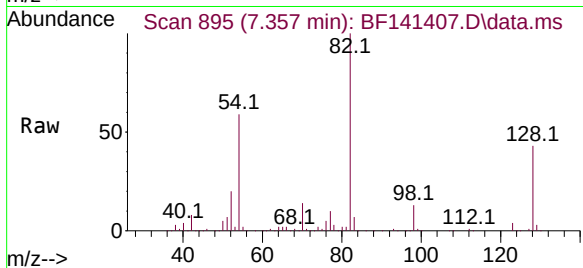
Tgt Ion: 82 Resp: 579317

Ion Ratio Lower Upper

82 100

128 43.5 35.7 53.5

54 59.2 47.1 70.7



#24

Nitrobenzene

Concen: 44.851 ng

RT: 7.375 min Scan# 898

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

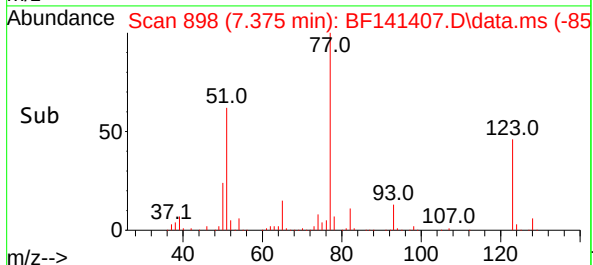
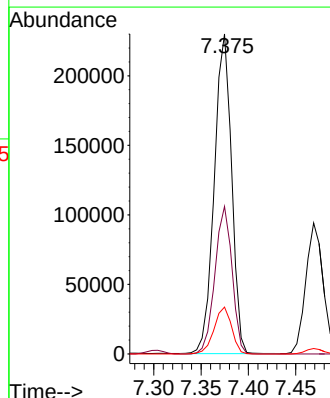
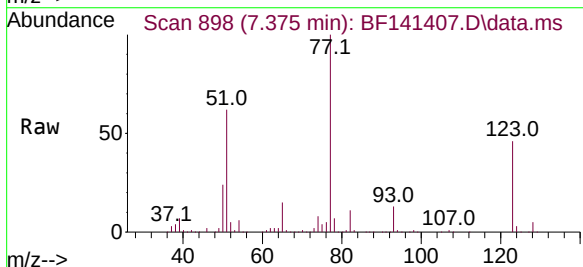
Tgt Ion: 77 Resp: 291997

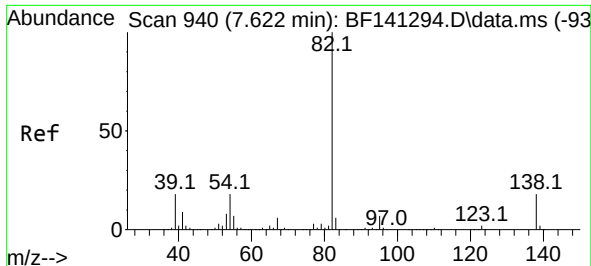
Ion Ratio Lower Upper

77 100

123 46.1 37.3 55.9

65 14.7 11.8 17.6

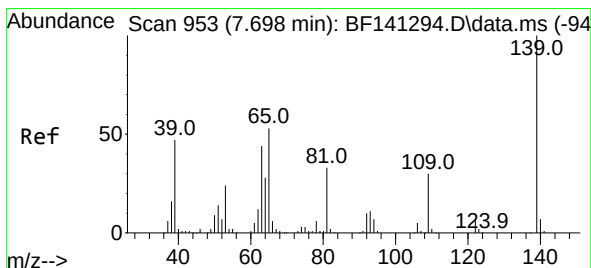
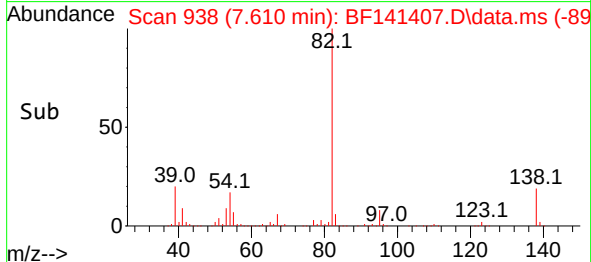
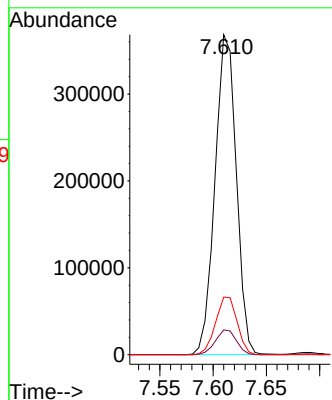
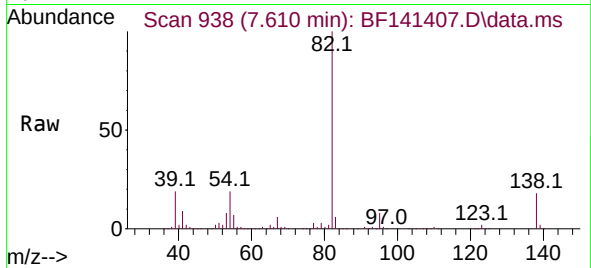




#25
Isophorone
Concen: 47.166 ng
RT: 7.610 min Scan# 910
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

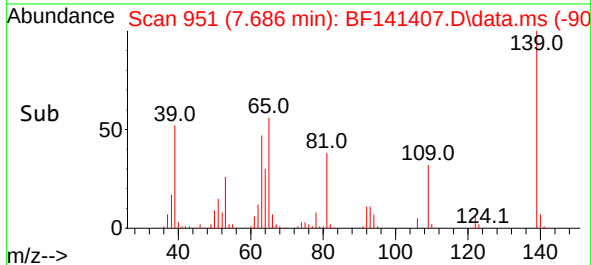
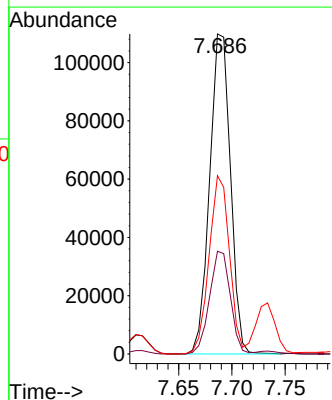
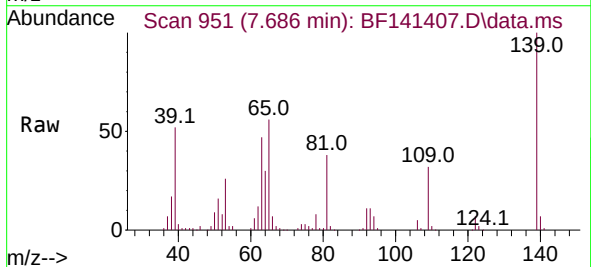
Instrument :
BNA_F
ClientSampleId :
PB166426BS

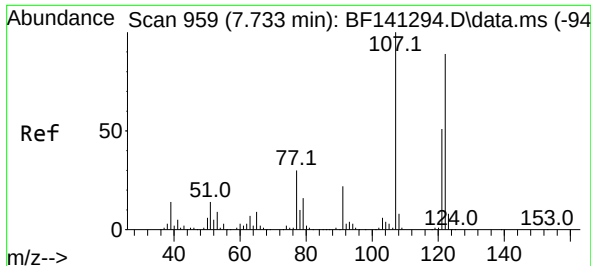
Tgt Ion: 82 Resp: 512208
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.6
138 18.0 14.7 22.1



#26
2-Nitrophenol
Concen: 48.573 ng
RT: 7.686 min Scan# 951
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:139 Resp: 149139
Ion Ratio Lower Upper
139 100
109 32.1 23.8 35.6
65 55.7 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 54.835 ng m

RT: 7.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

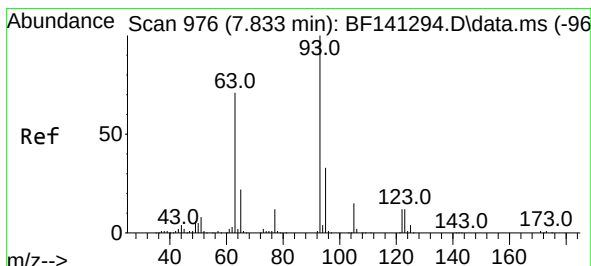
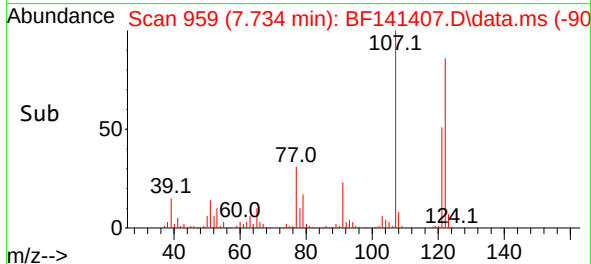
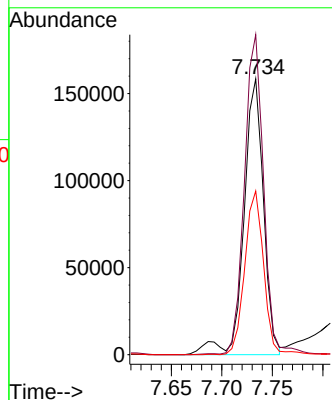
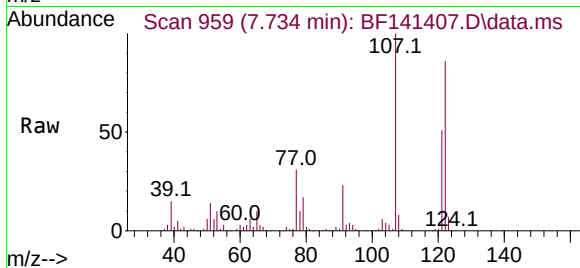
Tgt Ion:122 Resp: 214302

Ion Ratio Lower Upper

122 100

107 116.0 89.9 134.9

121 59.3 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 45.013 ng

RT: 7.822 min Scan# 974

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

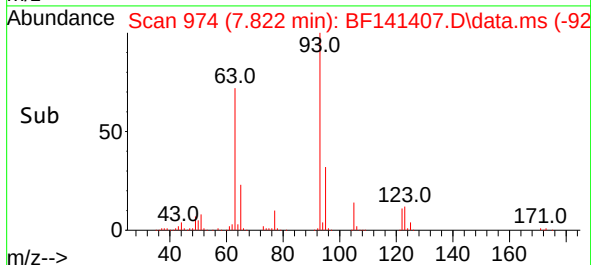
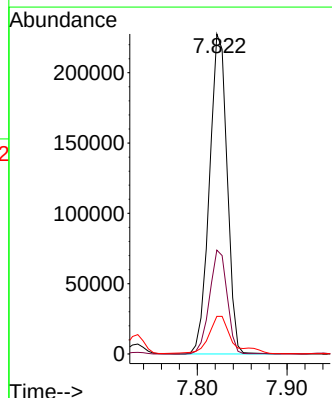
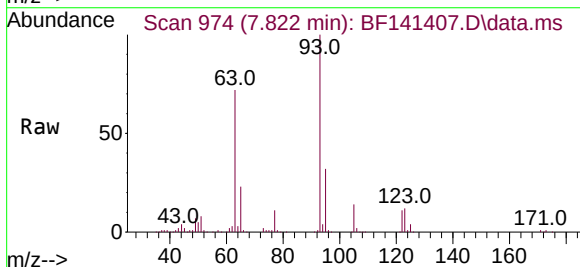
Tgt Ion: 93 Resp: 311809

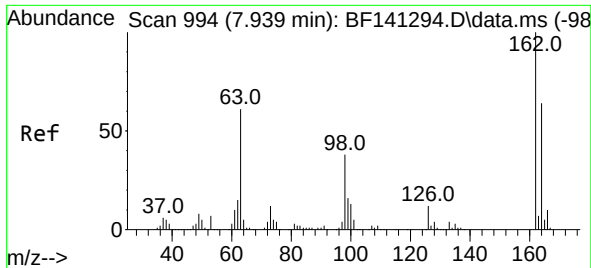
Ion Ratio Lower Upper

93 100

95 32.4 26.2 39.2

123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 47.802 ng

RT: 7.939 min Scan# 994

Delta R.T. -0.006 min

Lab File: BF141407.D

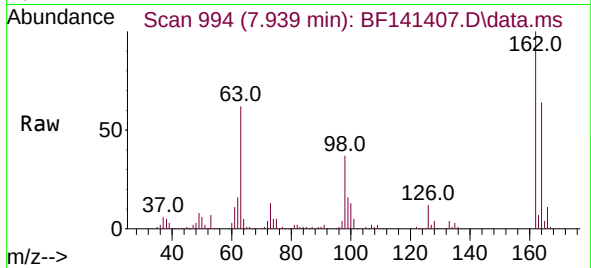
Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS



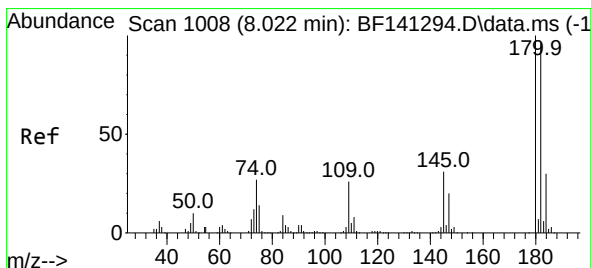
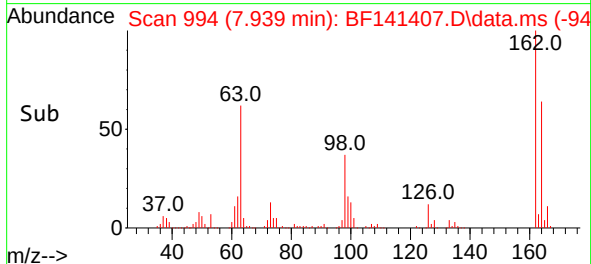
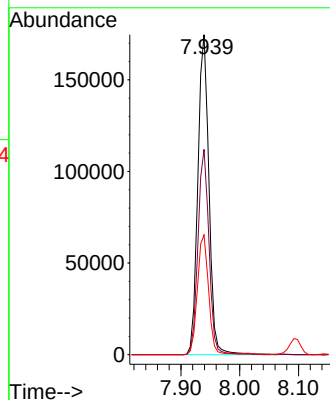
Tgt Ion:162 Resp: 228705

Ion Ratio Lower Upper

162 100

164 64.1 44.2 84.2

98 37.4 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 44.333 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

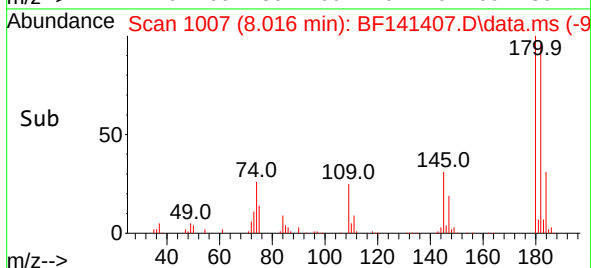
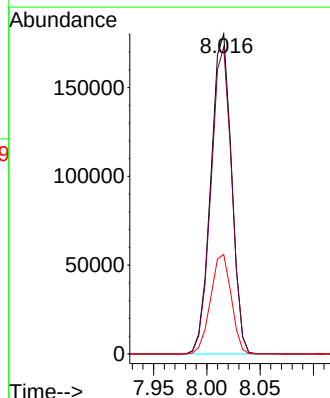
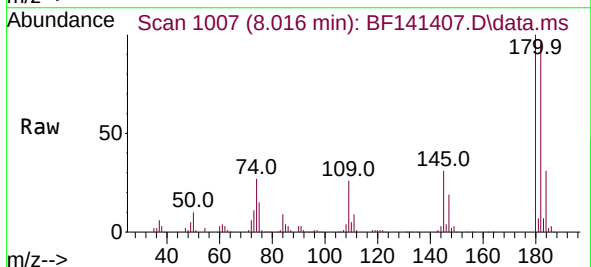
Tgt Ion:180 Resp: 242234

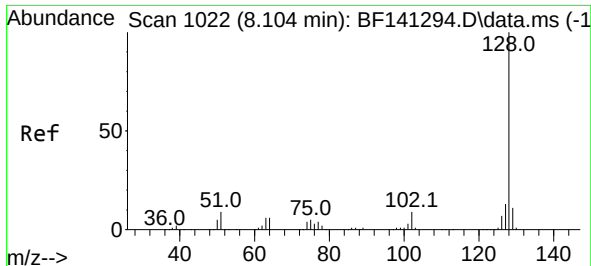
Ion Ratio Lower Upper

180 100

182 96.0 76.4 114.6

145 31.1 24.9 37.3

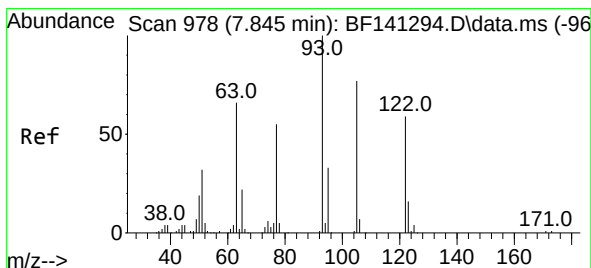
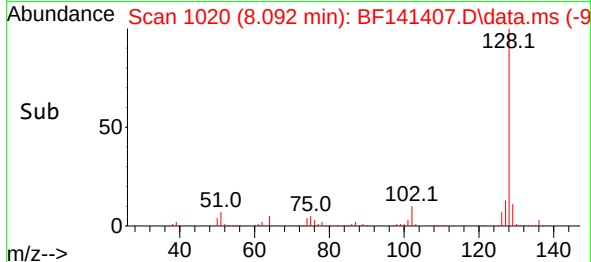
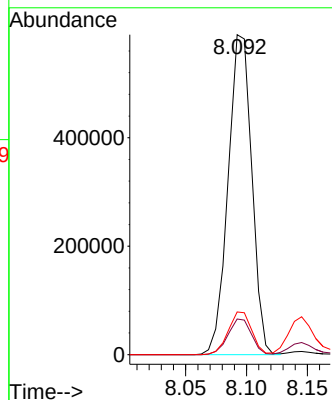
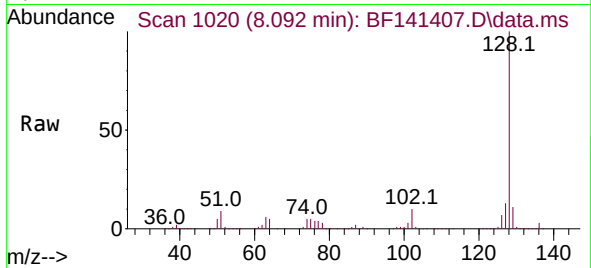




#31
Naphthalene
Concen: 45.673 ng
RT: 8.092 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

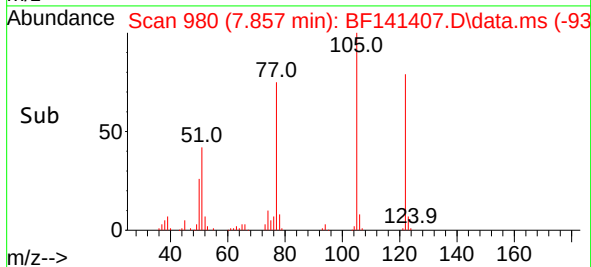
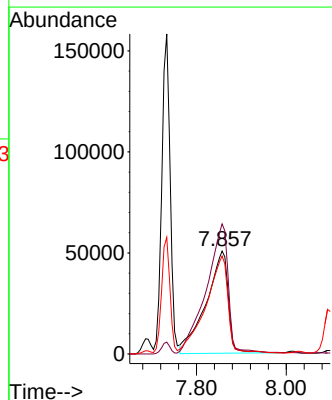
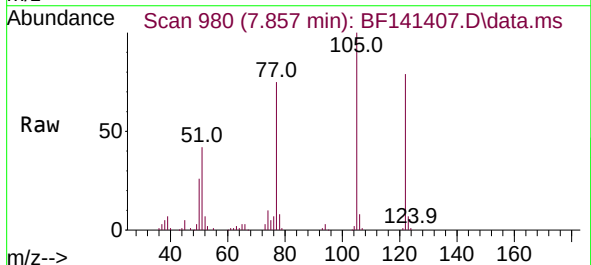
Instrument :
BNA_F
ClientSampleId :
PB166426BS

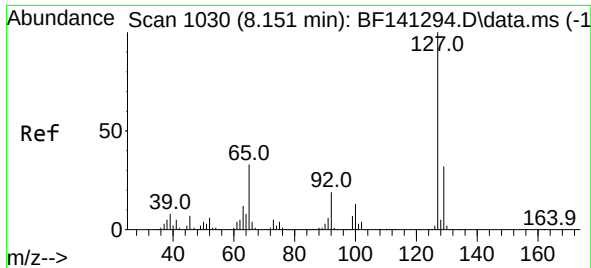
Tgt Ion:128 Resp: 799068
Ion Ratio Lower Upper
128 100
129 11.1 8.9 13.3
127 13.4 10.6 15.8



#32
Benzoic acid
Concen: 48.396 ng
RT: 7.857 min Scan# 980
Delta R.T. -0.024 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:122 Resp: 173870
Ion Ratio Lower Upper
122 100
105 126.5 103.4 143.4
77 95.1 70.9 110.9

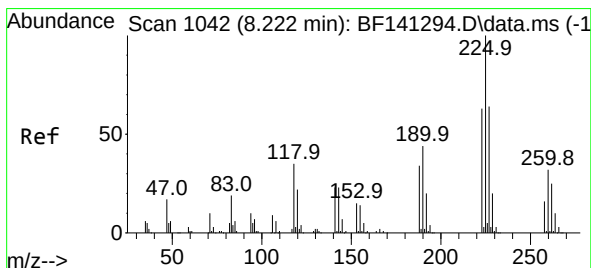
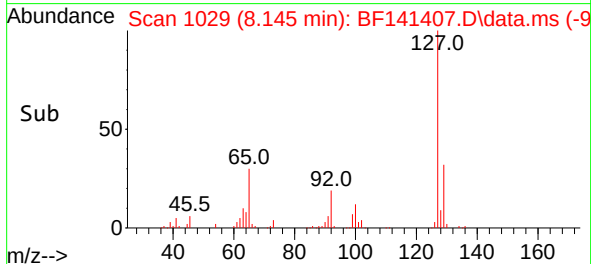
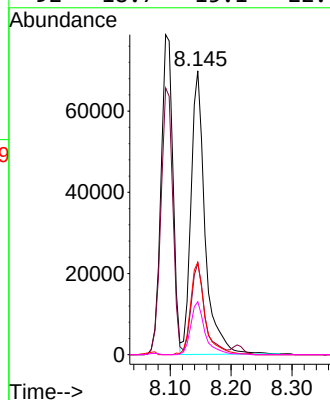
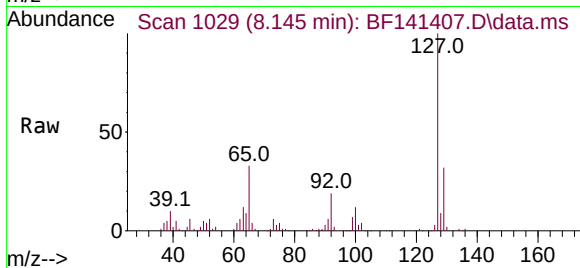




#33
4-Chloroaniline
Concen: 18.861 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

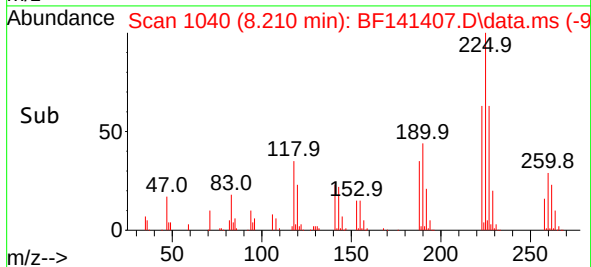
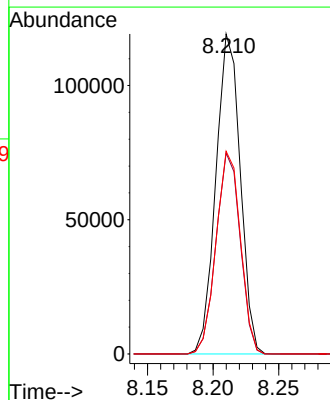
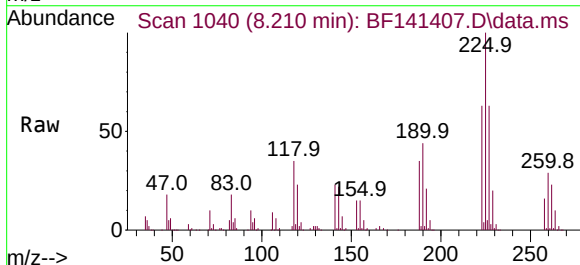
Instrument :
BNA_F
ClientSampleId :
PB166426BS

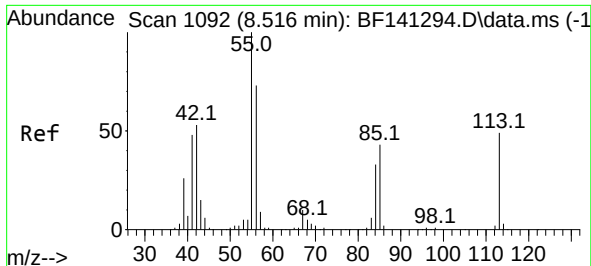
Tgt Ion:127	Resp: 111900
Ion Ratio	Lower Upper
127 100	
129 32.3	25.7 38.5
65 32.6	26.4 39.6
92 18.7	15.1 22.7



#34
Hexachlorobutadiene
Concen: 47.999 ng
RT: 8.210 min Scan# 1040
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:225	Resp: 153801
Ion Ratio	Lower Upper
225 100	
223 62.8	50.4 75.6
227 63.4	51.3 76.9

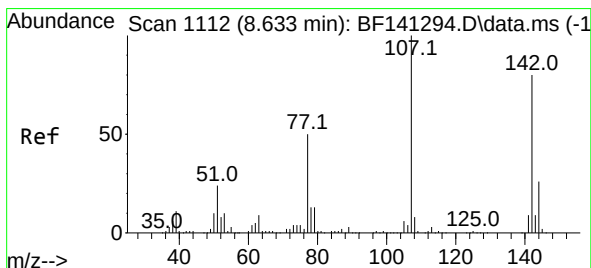
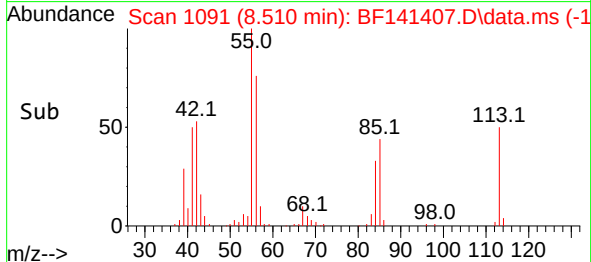
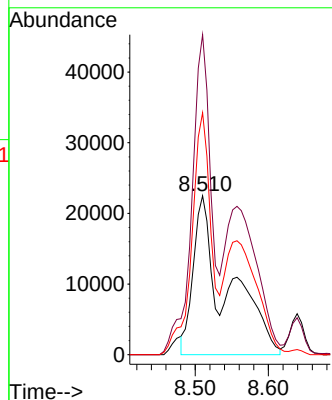
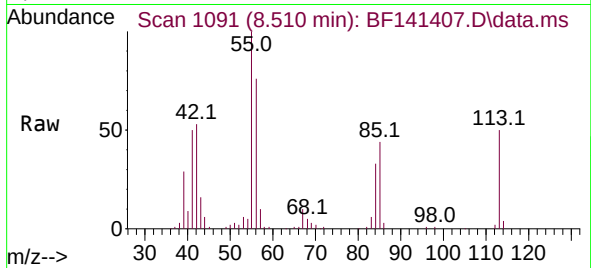




#35
Caprolactam
Concen: 45.688 ng m
RT: 8.510 min Scan# 1109
Delta R.T. -0.035 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

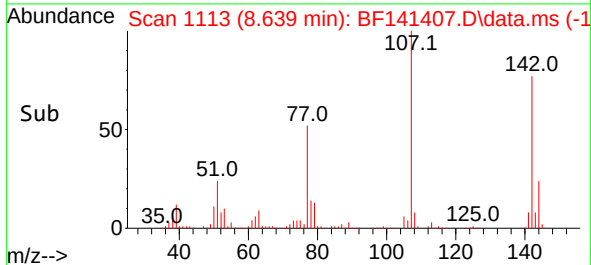
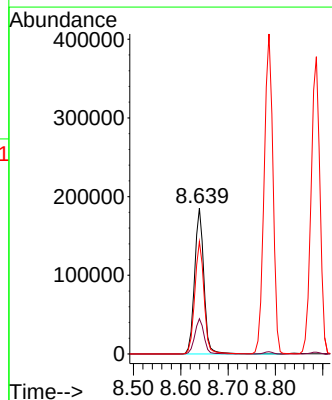
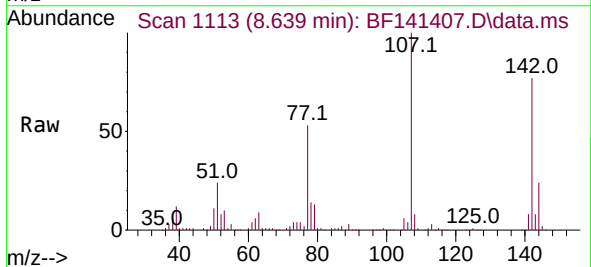
Instrument :
BNA_F
ClientSampleId :
PB166426BS

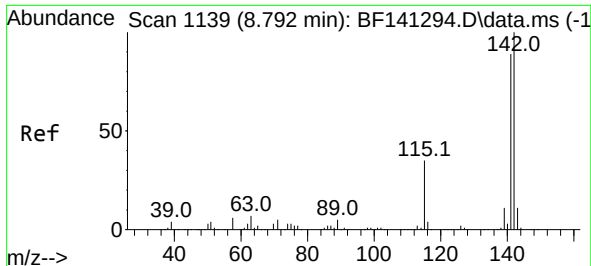
Tgt Ion:113 Resp: 71389
Ion Ratio Lower Upper
113 100
55 201.4 182.9 222.9
56 152.2 127.9 167.9



#36
4-Chloro-3-methylphenol
Concen: 49.256 ng
RT: 8.639 min Scan# 1113
Delta R.T. -0.000 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:107 Resp: 252782
Ion Ratio Lower Upper
107 100
144 24.1 20.7 31.1
142 77.0 63.8 95.8





#37

2-Methylnaphthalene

Concen: 47.126 ng

RT: 8.786 min Scan# 1138

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

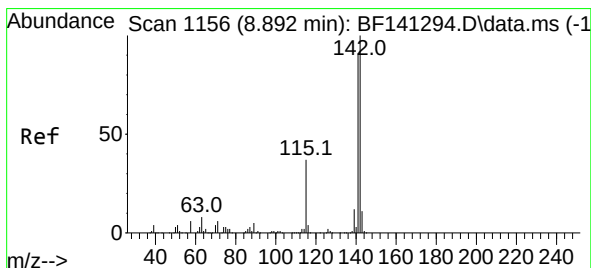
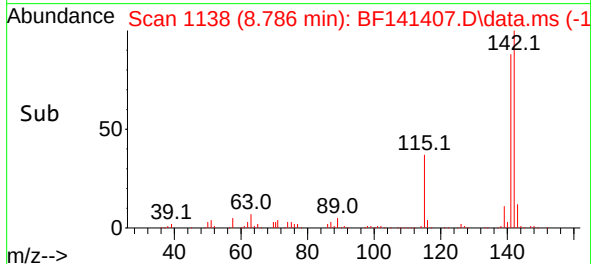
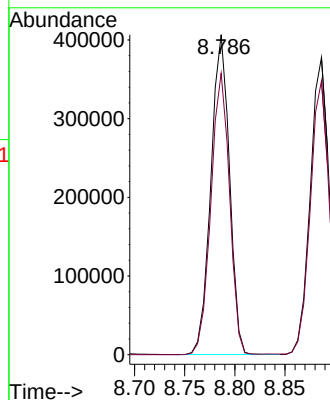
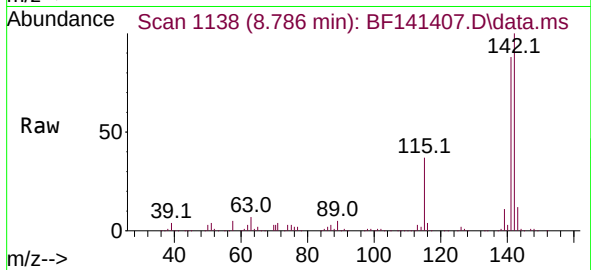
PB166426BS

Tgt Ion:142 Resp: 524031

Ion Ratio Lower Upper

142 100

141 87.9 71.3 106.9



#38

1-Methylnaphthalene

Concen: 44.732 ng

RT: 8.886 min Scan# 1155

Delta R.T. -0.012 min

Lab File: BF141407.D

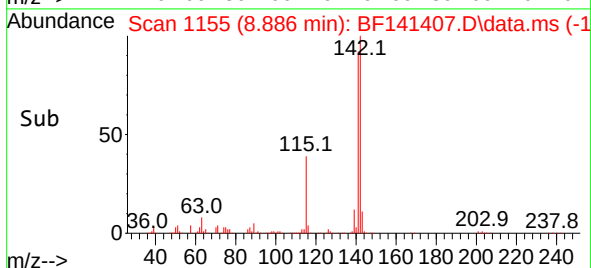
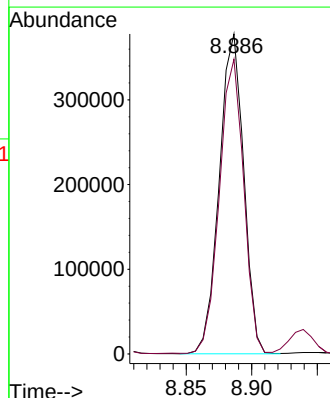
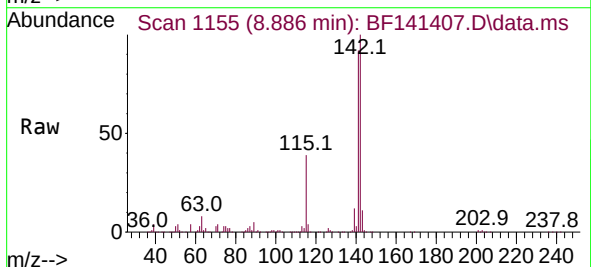
Acq: 04 Feb 2025 14:39

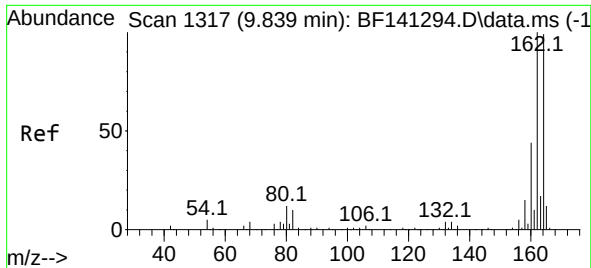
Tgt Ion:142 Resp: 488613

Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.827 min Scan# 1115

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

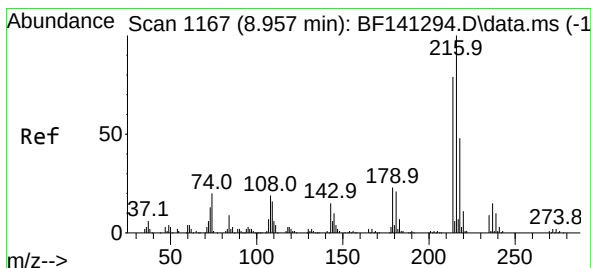
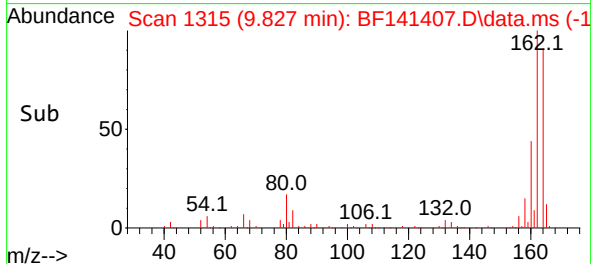
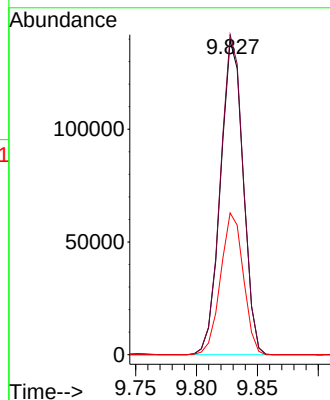
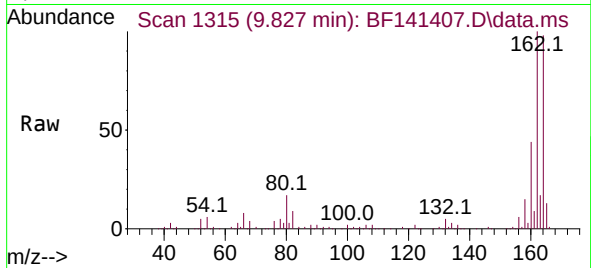
Tgt Ion:164 Resp: 180993

Ion Ratio Lower Upper

164 100

162 101.8 80.6 121.0

160 45.1 35.8 53.6



#40

1,2,4,5-Tetrachlorobenzene

Concen: 47.415 ng

RT: 8.951 min Scan# 1166

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion:216 Resp: 244141

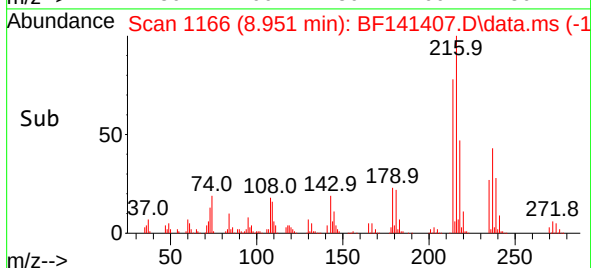
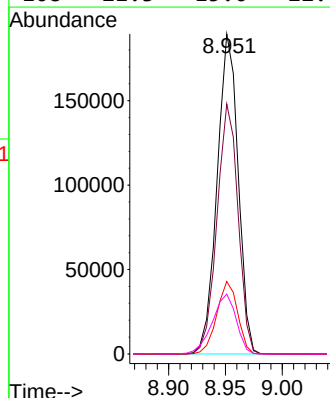
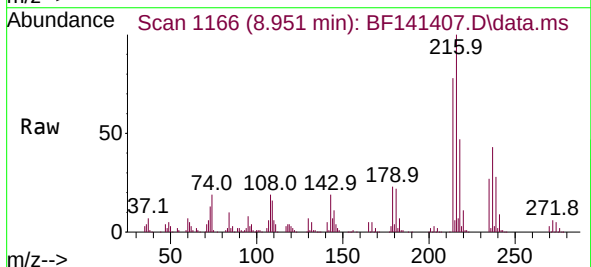
Ion Ratio Lower Upper

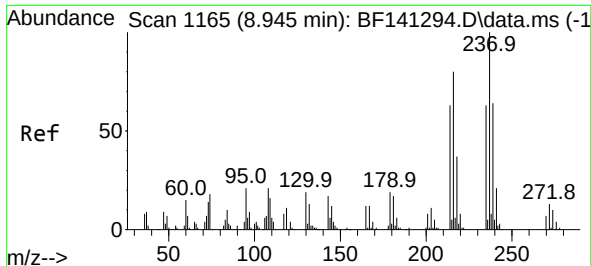
216 100

214 77.9 63.2 94.8

179 22.5 17.8 26.8

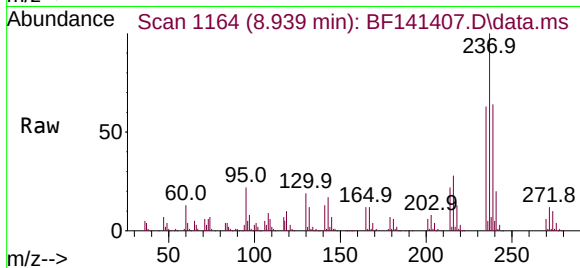
108 21.3 15.0 22.6



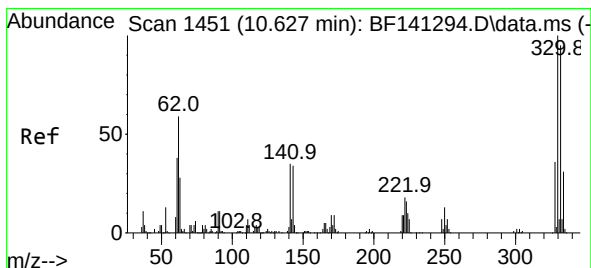
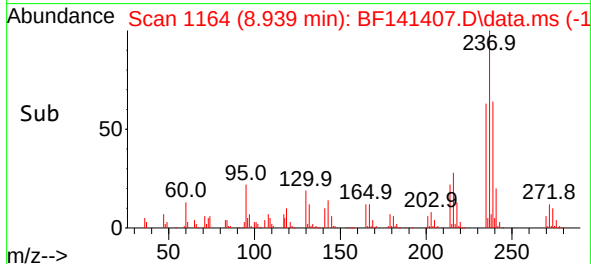
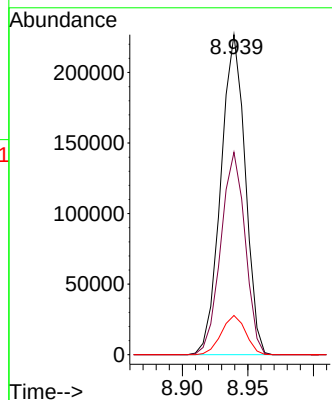


#41
Hexachlorocyclopentadiene
Concen: 192.529 ng
RT: 8.939 min Scan# 1164
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

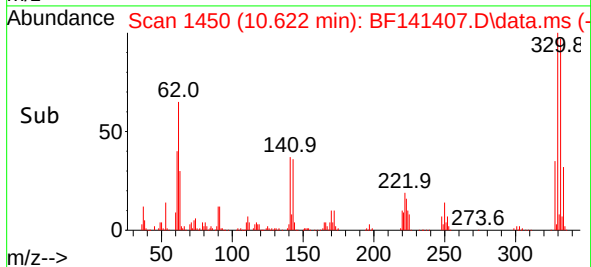
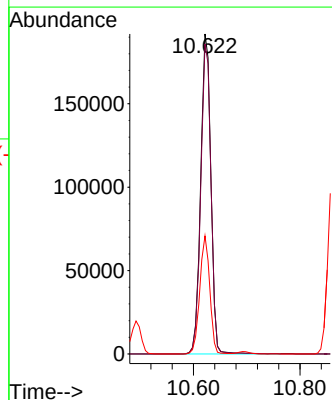
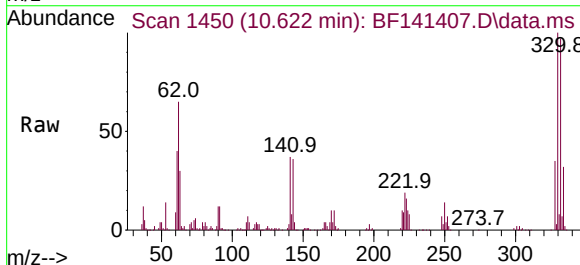


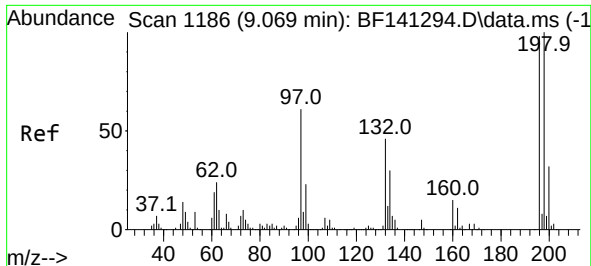
Tgt Ion:237 Resp: 292771
Ion Ratio Lower Upper
237 100
235 63.3 42.9 82.9
272 12.2 0.0 32.8



#42
2,4,6-Tribromophenol
Concen: 153.605 ng
RT: 10.622 min Scan# 1450
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:330 Resp: 254875
Ion Ratio Lower Upper
330 100
332 97.0 76.1 114.1
141 36.3 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 48.807 ng

RT: 9.069 min Scan# 1186

Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

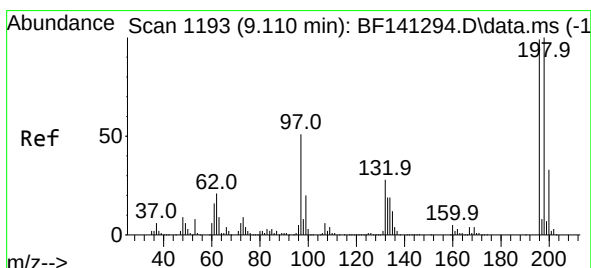
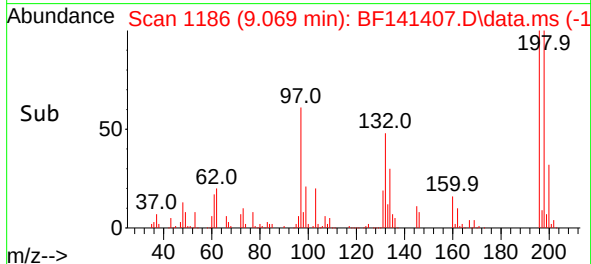
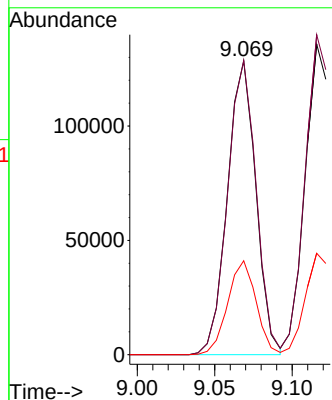
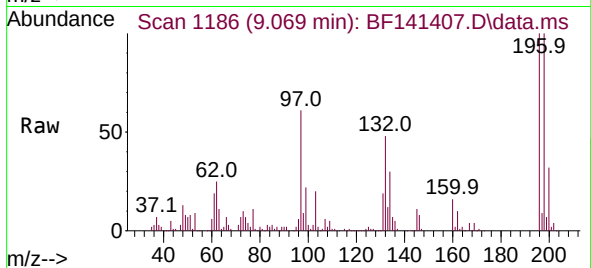
Tgt Ion:196 Resp: 164492

Ion Ratio Lower Upper

196 100

198 100.3 81.8 122.6

200 32.0 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 47.278 ng

RT: 9.116 min Scan# 1194

Delta R.T. -0.000 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Tgt Ion:196 Resp: 173420

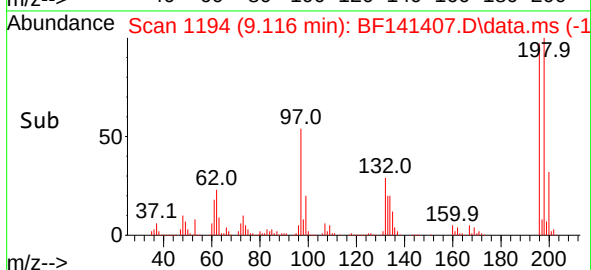
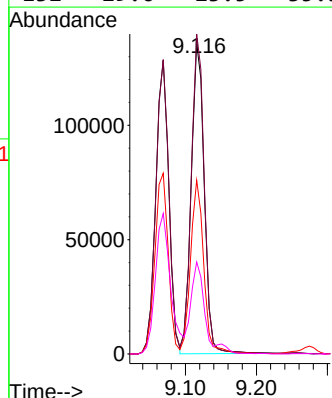
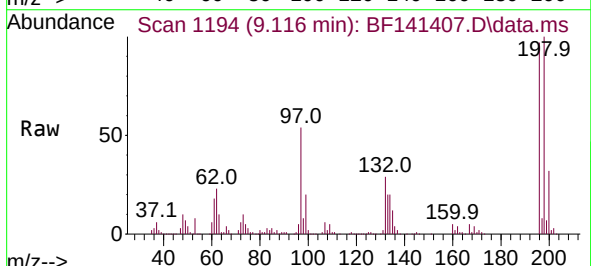
Ion Ratio Lower Upper

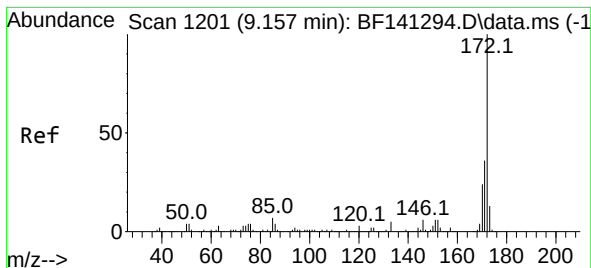
196 100

198 103.0 80.5 120.7

97 56.0 42.8 64.2

132 29.6 23.5 35.3





#45

2-Fluorobiphenyl

Concen: 93.511 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

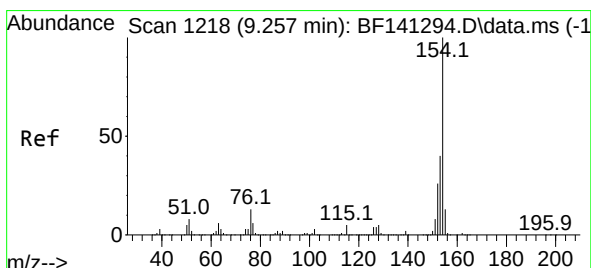
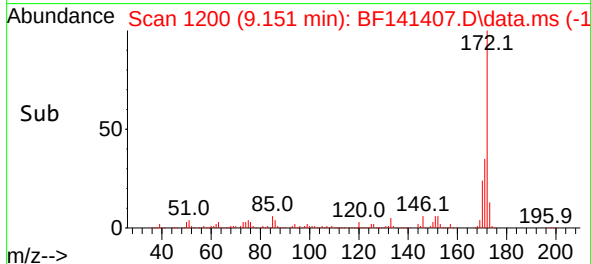
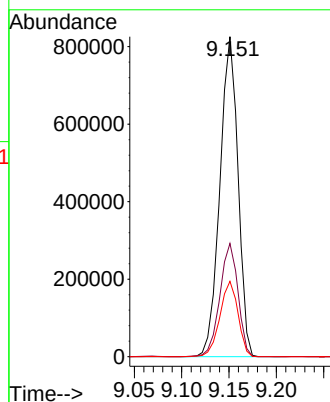
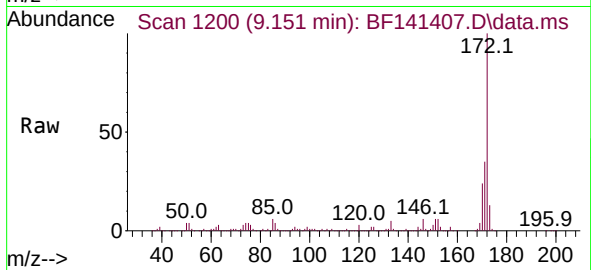
Tgt Ion:172 Resp: 1099591

Ion Ratio Lower Upper

172 100

171 35.4 28.8 43.2

170 23.6 19.0 28.6



#46

1,1'-Biphenyl

Concen: 46.471 ng

RT: 9.251 min Scan# 1217

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

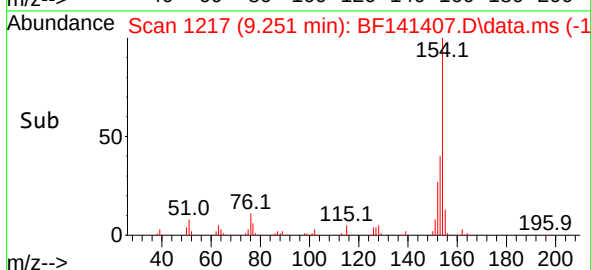
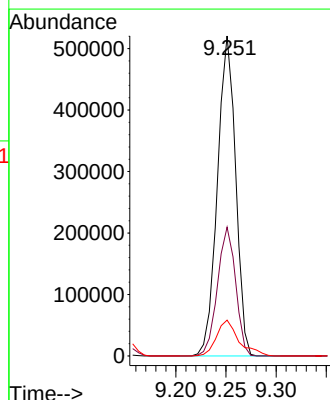
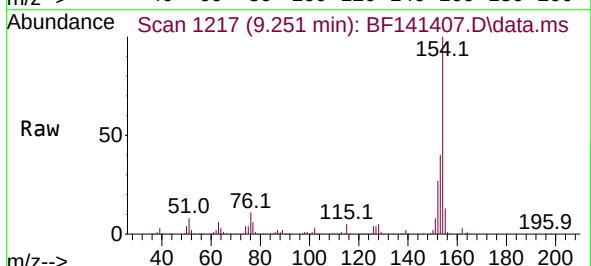
Tgt Ion:154 Resp: 655951

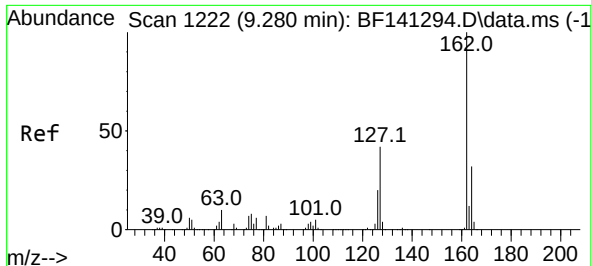
Ion Ratio Lower Upper

154 100

153 40.2 20.0 60.0

76 11.2 0.0 32.8

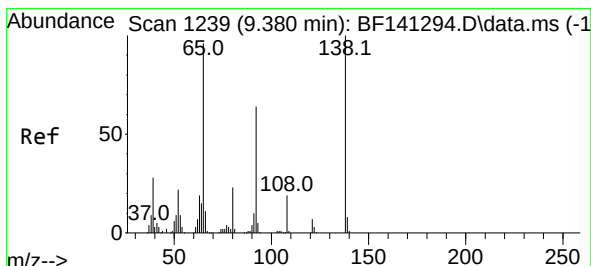
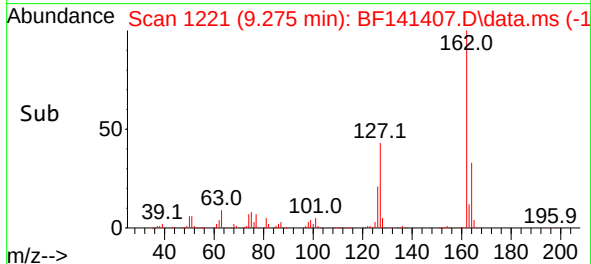
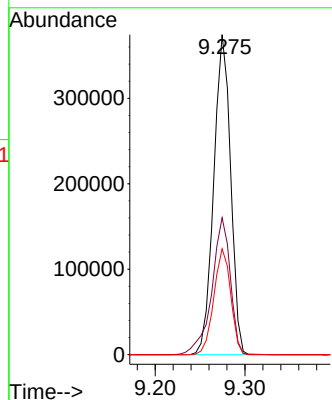
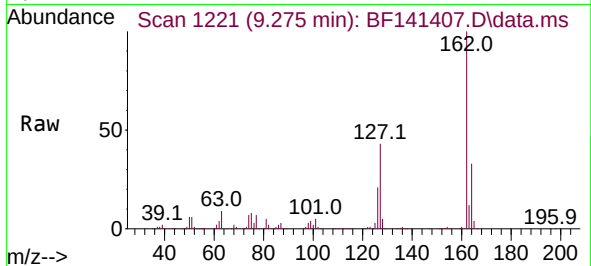




#47
2-Chloronaphthalene
Concen: 44.496 ng
RT: 9.275 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

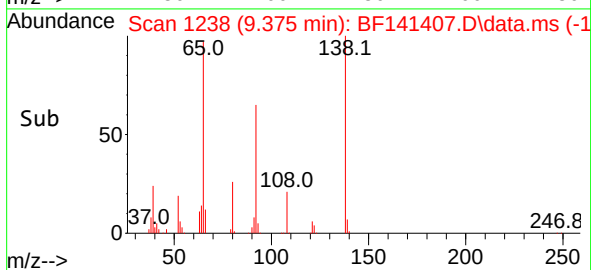
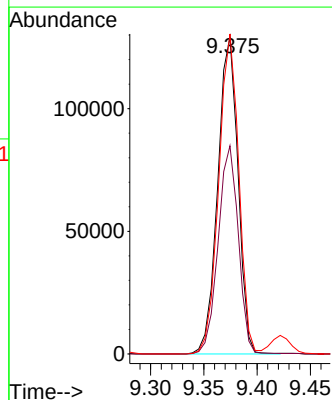
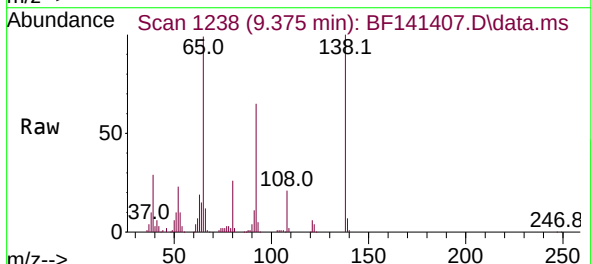
Instrument :
BNA_F
ClientSampleId :
PB166426BS

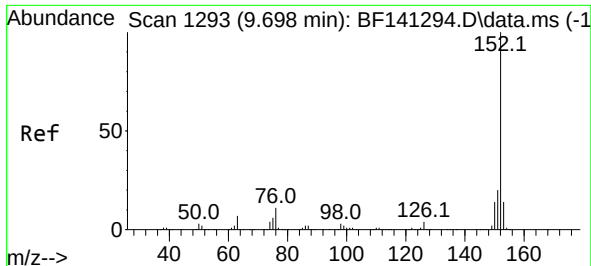
Tgt Ion:162 Resp: 489548
Ion Ratio Lower Upper
162 100
127 42.8 33.7 50.5
164 33.1 25.9 38.9



#48
2-Nitroaniline
Concen: 49.205 ng
RT: 9.375 min Scan# 1238
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

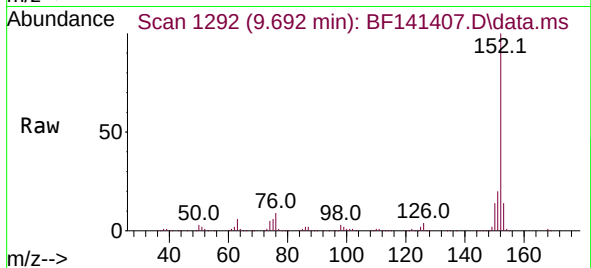
Tgt Ion: 65 Resp: 170280
Ion Ratio Lower Upper
65 100
92 65.7 53.3 79.9
138 101.0 83.6 125.4



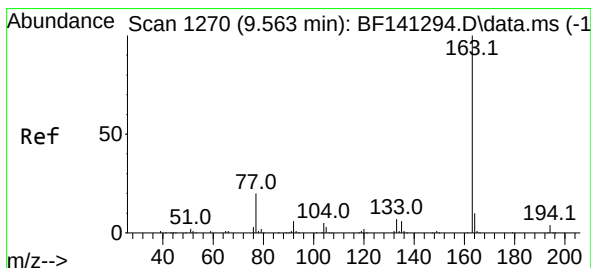
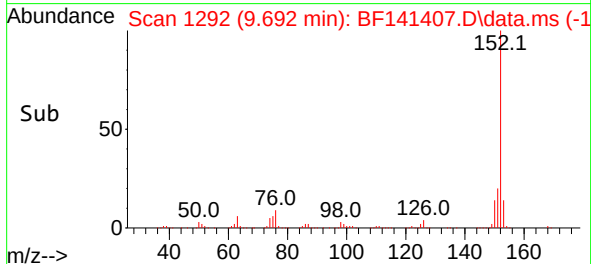
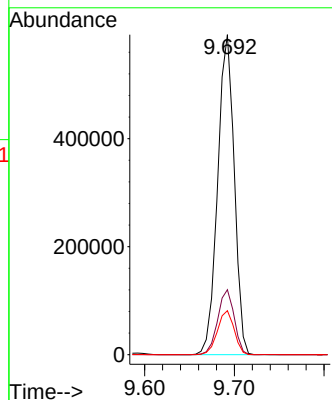


#49
Acenaphthylene
Concen: 49.410 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Instrument :
BNA_F
ClientSampleId :
PB166426BS

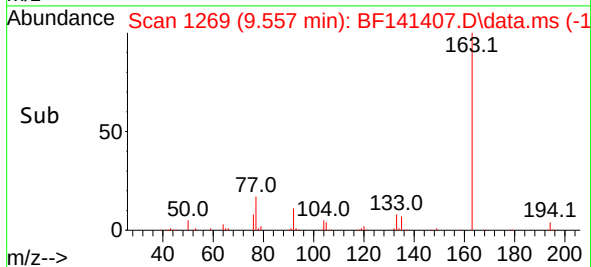
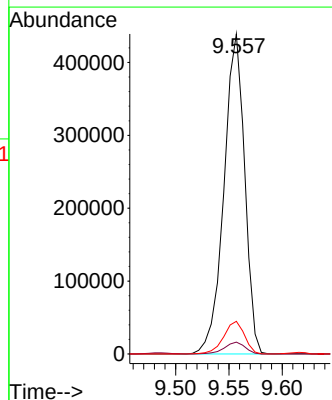
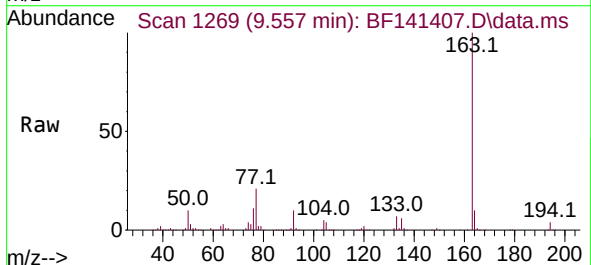


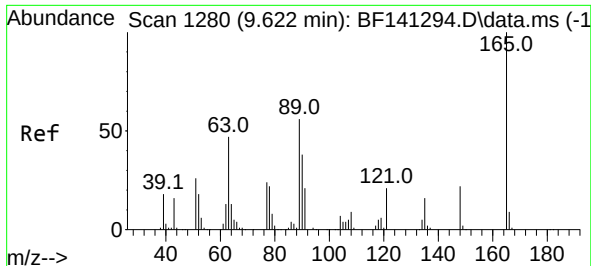
Tgt Ion:152 Resp: 760954
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 13.8 11.0 16.6



#50
Dimethylphthalate
Concen: 48.572 ng
RT: 9.557 min Scan# 1269
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:163 Resp: 593755
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.2 8.0 12.0





#51

2,6-Dinitrotoluene

Concen: 46.808 ng

RT: 9.616 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

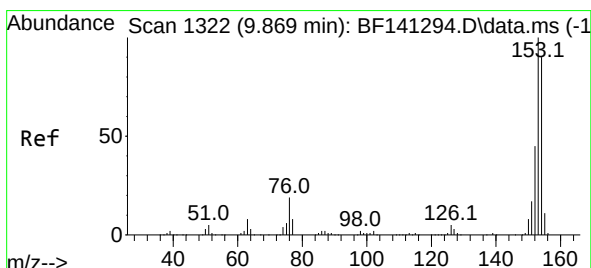
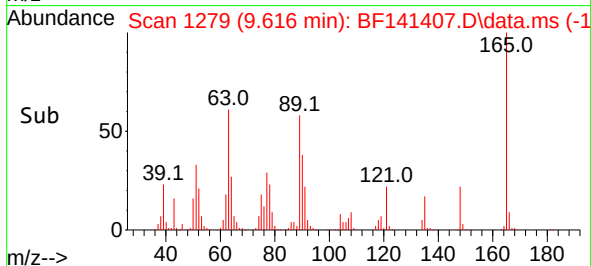
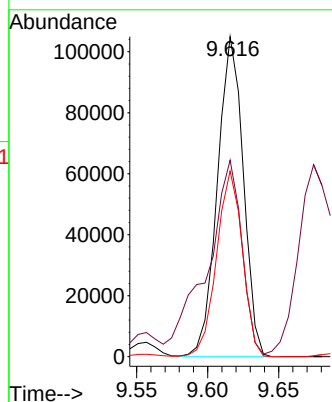
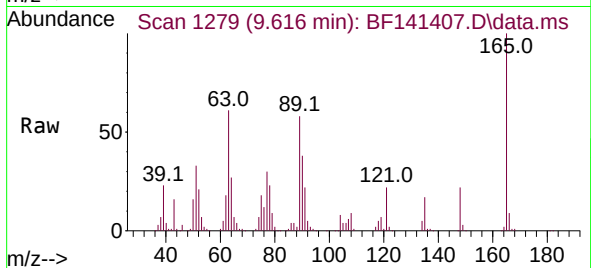
Tgt Ion:165 Resp: 132856

Ion Ratio Lower Upper

165 100

63 61.4 48.1 72.1

89 58.0 44.9 67.3



#52

Acenaphthene

Concen: 53.779 ng m

RT: 9.863 min Scan# 1321

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

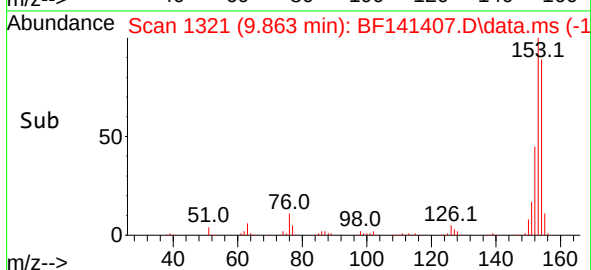
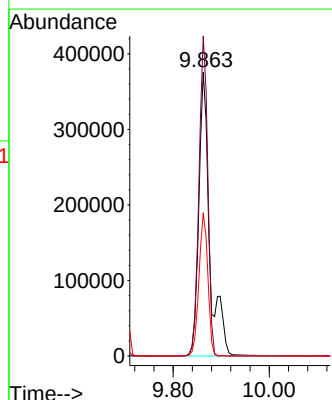
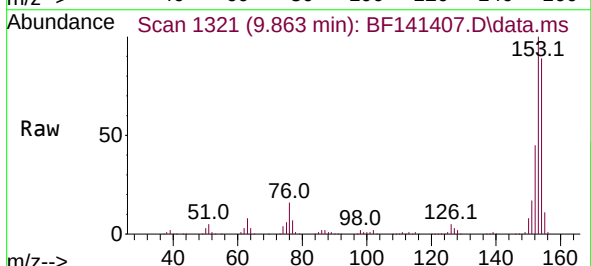
Tgt Ion:154 Resp: 591701

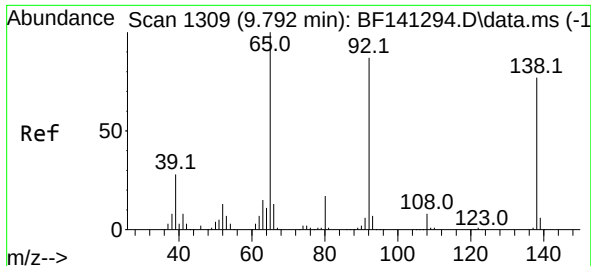
Ion Ratio Lower Upper

154 100

153 112.8 89.0 133.4

152 50.5 40.2 60.4

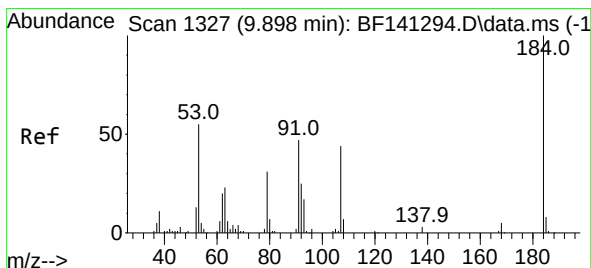
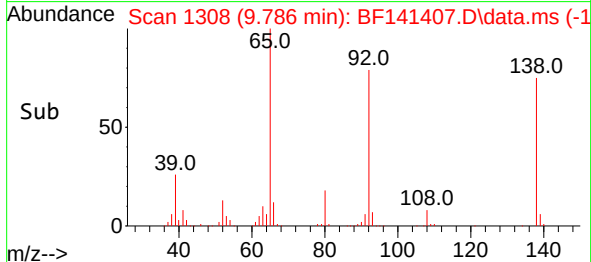
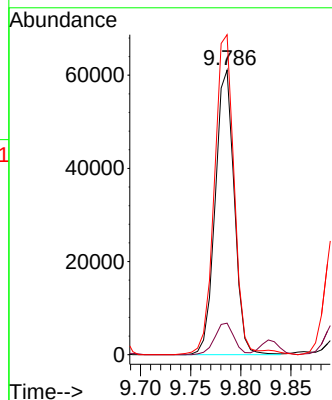
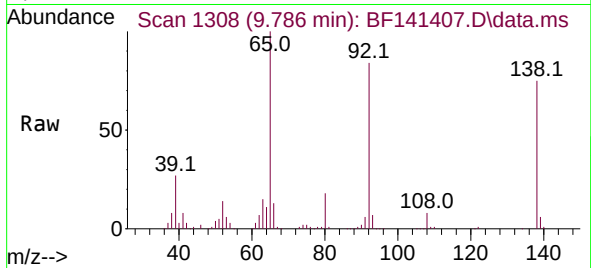




#53
3-Nitroaniline
Concen: 29.013 ng
RT: 9.786 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

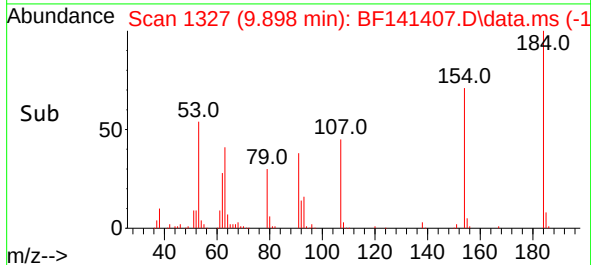
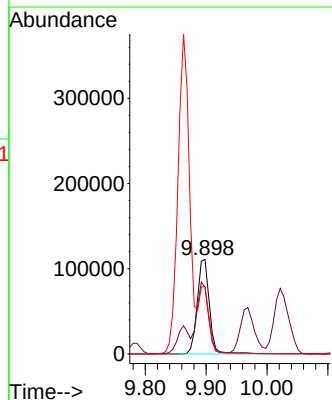
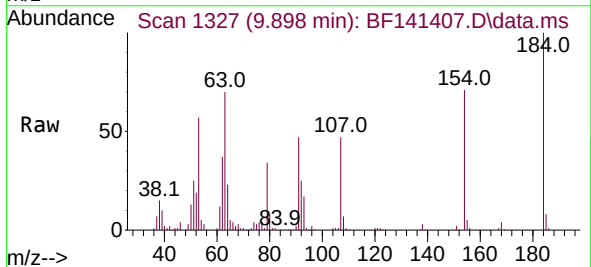
Instrument :
BNA_F
ClientSampleId :
PB166426BS

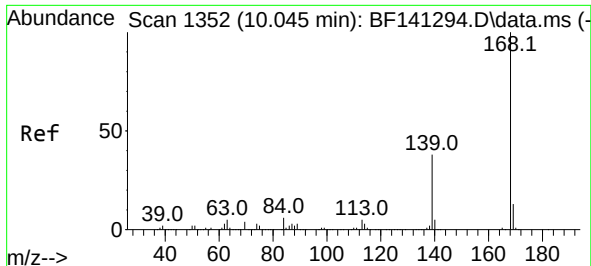
Tgt Ion:138 Resp: 80709
Ion Ratio Lower Upper
138 100
108 11.1 8.6 12.8
92 112.5 91.0 136.6



#54
2,4-Dinitrophenol
Concen: 117.244 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:184 Resp: 154693
Ion Ratio Lower Upper
184 100
63 70.5 54.1 81.1
154 71.2 50.7 76.1

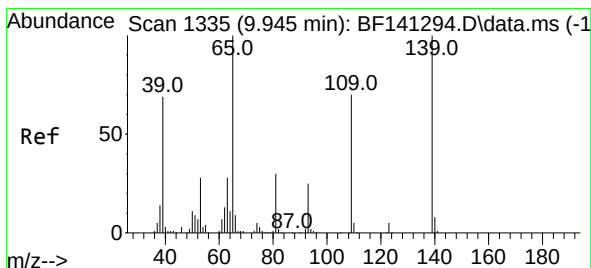
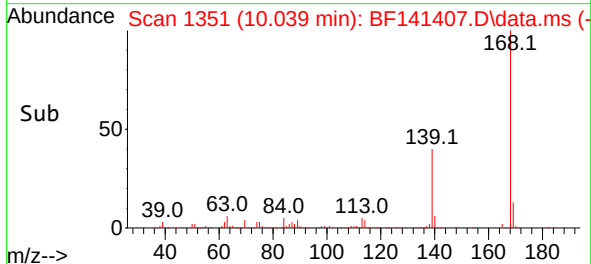
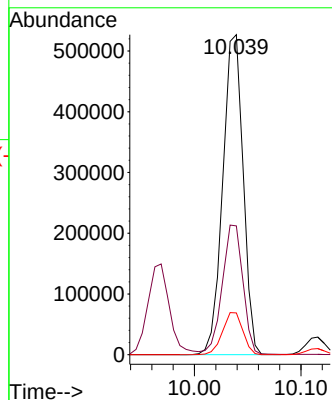
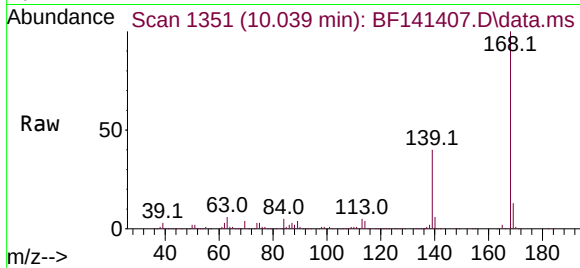




#55
Dibenzenofuran
Concen: 47.547 ng
RT: 10.039 min Scan# 1351
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

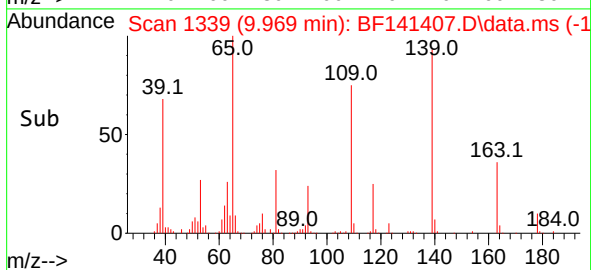
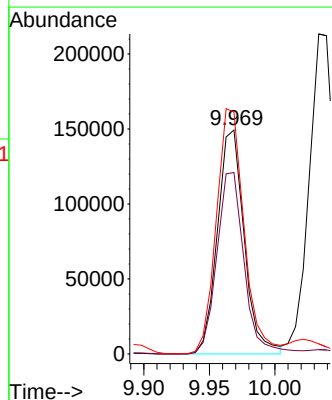
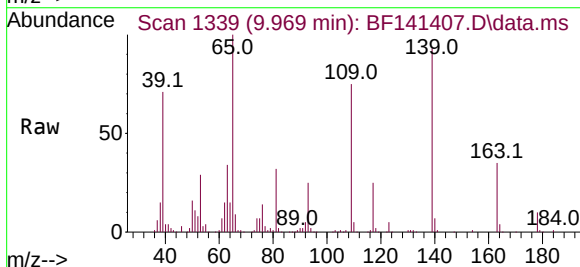
Instrument :
BNA_F
ClientSampleId :
PB166426BS

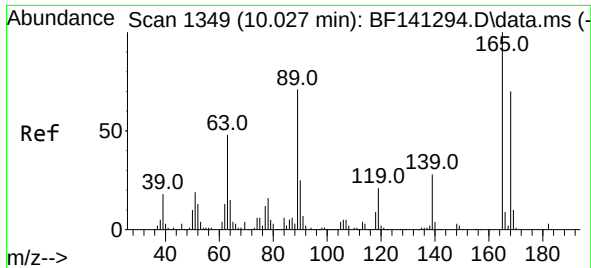
Tgt Ion:168 Resp: 700235
Ion Ratio Lower Upper
168 100
139 40.3 30.6 46.0
169 13.1 10.8 16.2



#56
4-Nitrophenol
Concen: 104.299 ng
RT: 9.969 min Scan# 1339
Delta R.T. 0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:139 Resp: 212195
Ion Ratio Lower Upper
139 100
109 81.0 50.2 90.2
65 108.0 80.6 120.6

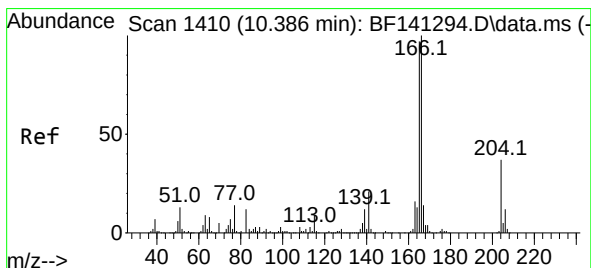
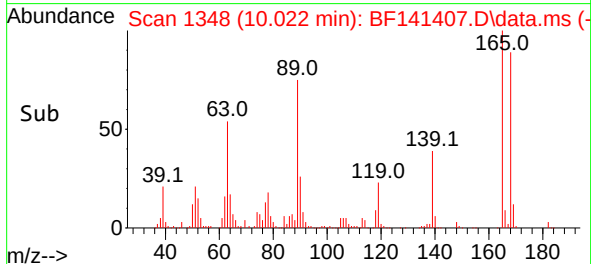
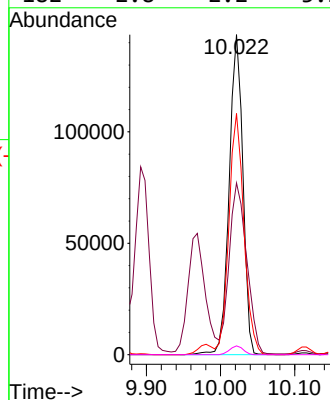
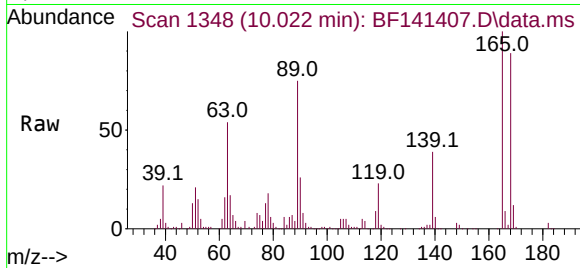




#57
2,4-Dinitrotoluene
Concen: 50.028 ng
RT: 10.022 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

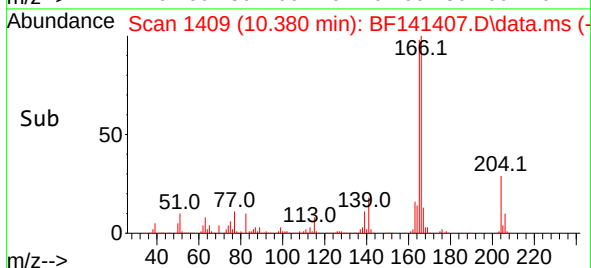
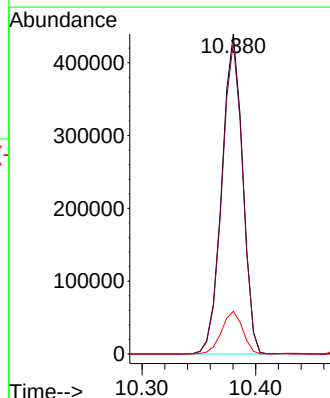
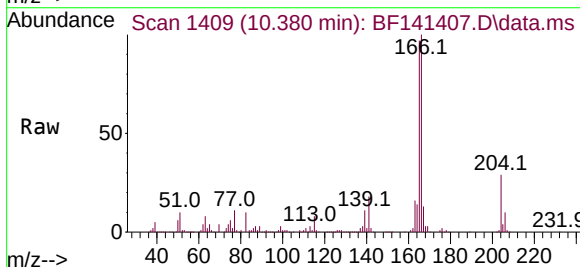
Instrument :
BNA_F
ClientSampleId :
PB166426BS

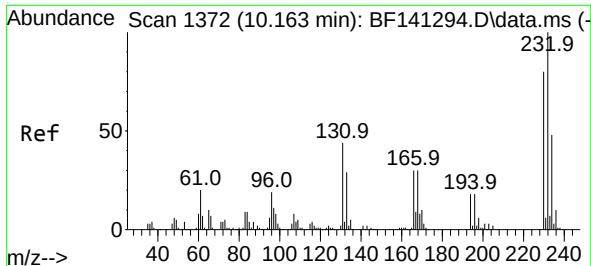
Tgt Ion:165	Resp:	183846
Ion Ratio	Lower	Upper
165	100	
63	53.6	39.2 58.8
89	75.4	56.9 85.3
182	2.8	2.2 3.2



#58
Fluorene
Concen: 49.031 ng
RT: 10.380 min Scan# 1409
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:166	Resp:	560118
Ion Ratio	Lower	Upper
166	100	
165	97.4	77.5 116.3
167	13.4	10.9 16.3

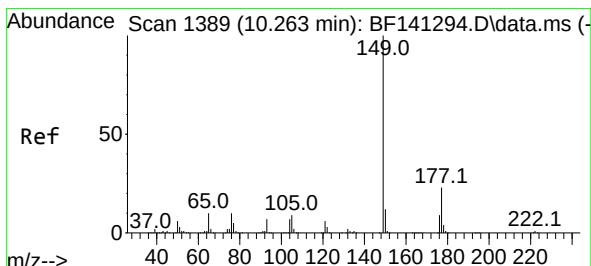
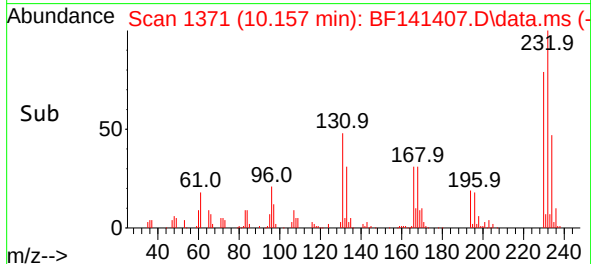
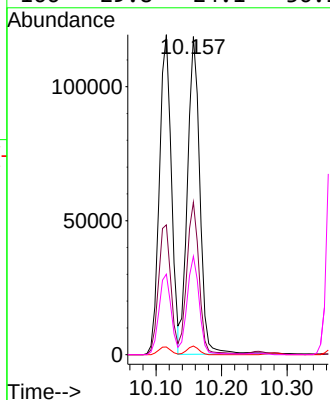
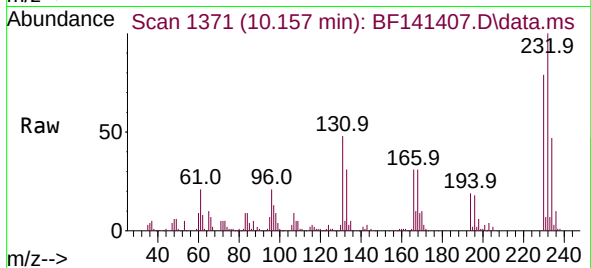




#59
2,3,4,6-Tetrachlorophenol
Concen: 53.634 ng
RT: 10.157 min Scan# 1371
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

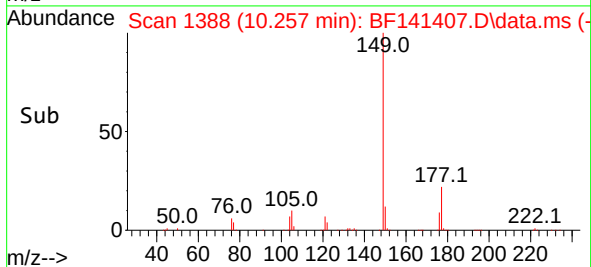
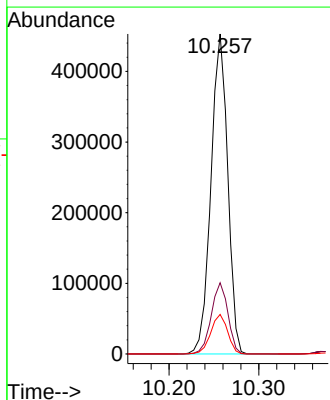
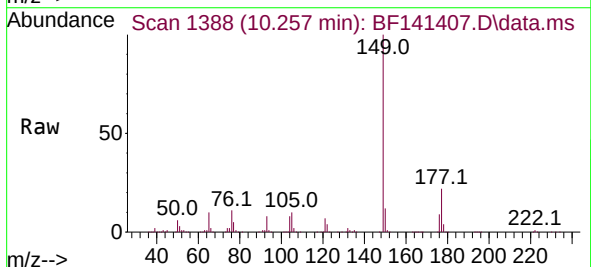
Instrument :
BNA_F
ClientSampleId :
PB166426BS

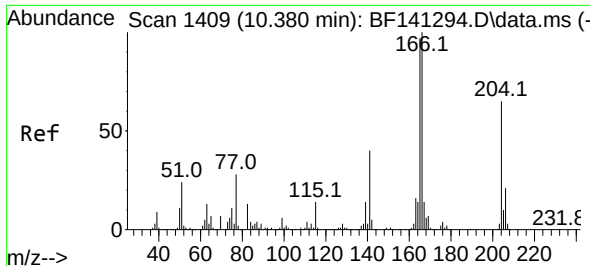
Tgt Ion:232 Resp: 154775
Ion Ratio Lower Upper
232 100
131 47.8 36.4 54.6
130 2.6 1.9 2.9
166 29.8 24.1 36.1



#60
Diethylphthalate
Concen: 49.503 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:149 Resp: 586751
Ion Ratio Lower Upper
149 100
177 22.2 18.5 27.7
150 12.3 10.0 15.0

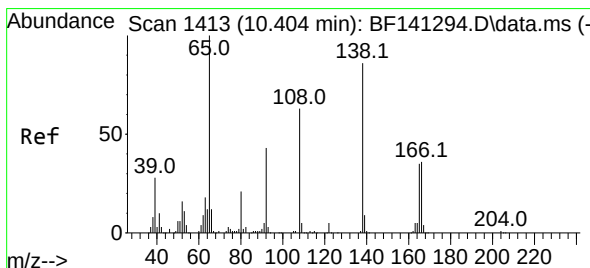
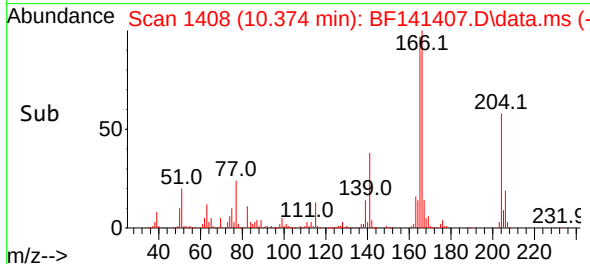
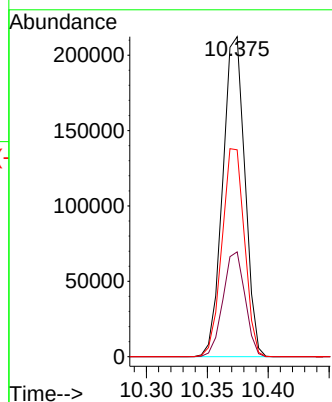
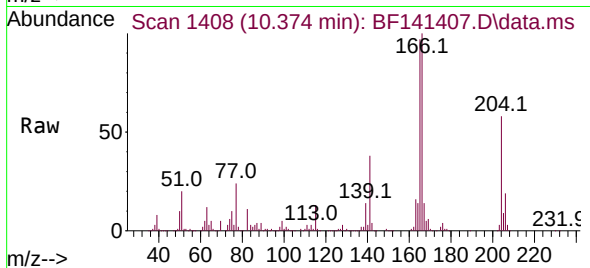




#61
4-Chlorophenyl-phenylether
Concen: 48.191 ng
RT: 10.374 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

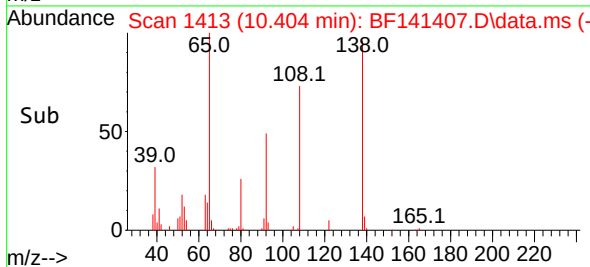
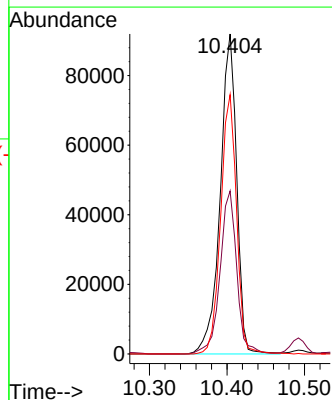
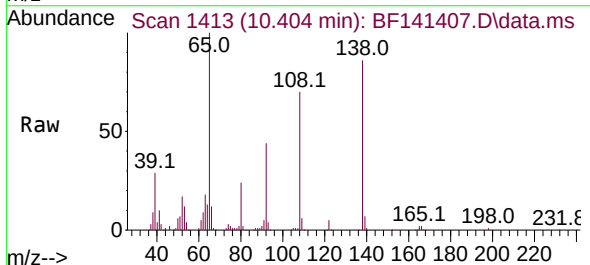
Instrument :
BNA_F
ClientSampleId :
PB166426BS

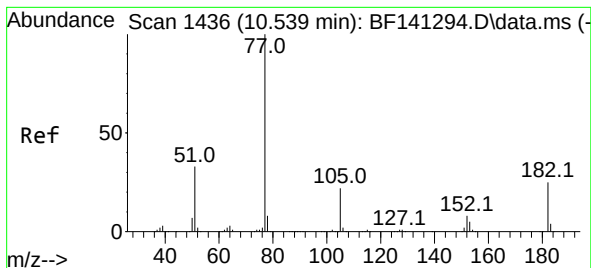
Tgt Ion:204 Resp: 268913
Ion Ratio Lower Upper
204 100
206 32.7 25.9 38.9
141 64.6 49.5 74.3



#62
4-Nitroaniline
Concen: 49.710 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:138 Resp: 135954
Ion Ratio Lower Upper
138 100
92 51.0 30.1 70.1
108 81.0 53.1 93.1

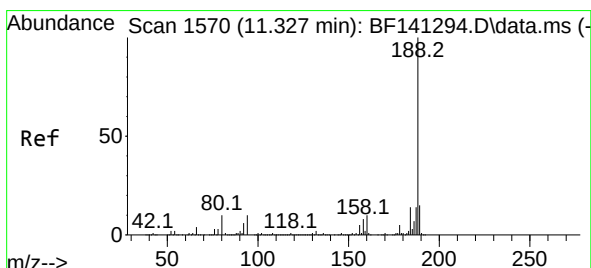
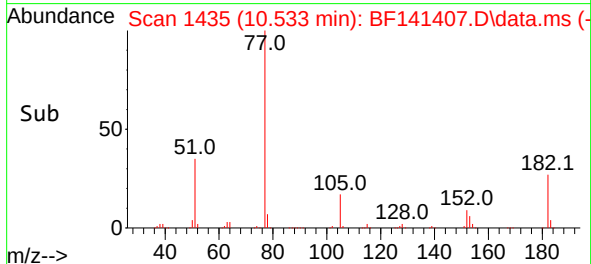
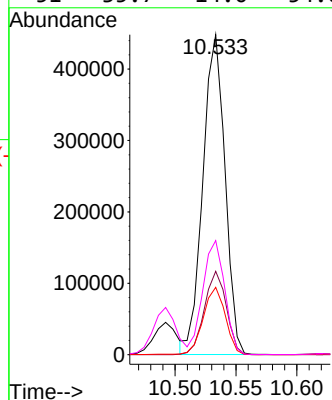
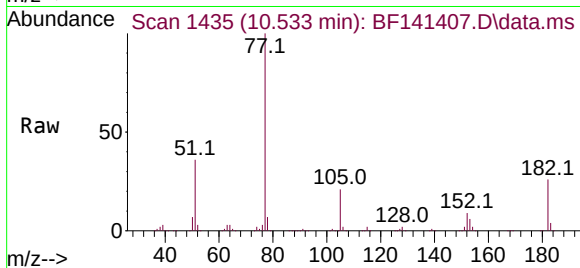




#63
Azobenzene
Concen: 47.614 ng
RT: 10.533 min Scan# 1435
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

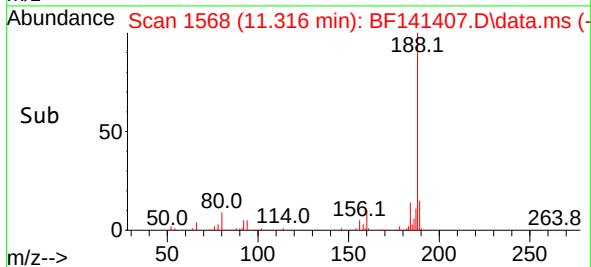
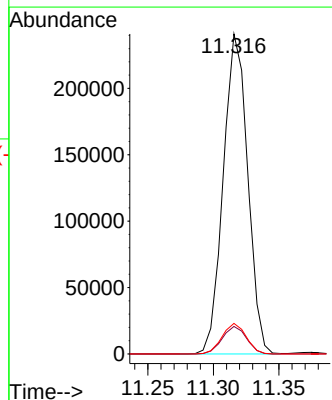
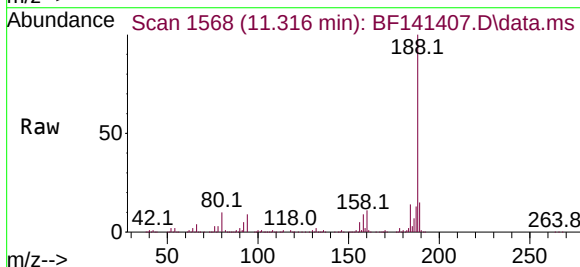
Instrument :
BNA_F
ClientSampleId :
PB166426BS

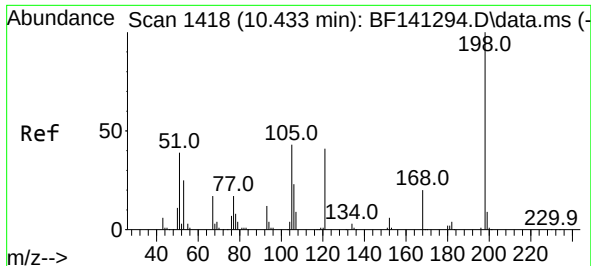
Tgt Ion: 77	Resp: 564907
Ion Ratio	Lower Upper
77 100	
182 26.1	5.1 45.1
105 21.0	1.8 41.8
51 35.7	14.0 54.0



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.316 min Scan# 1568
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:188	Resp: 312610
Ion Ratio	Lower Upper
188 100	
94 8.6	7.8 11.6
80 9.6	8.2 12.4

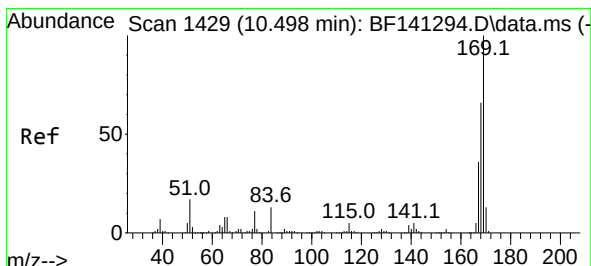
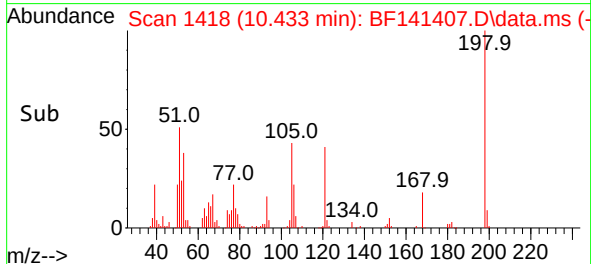
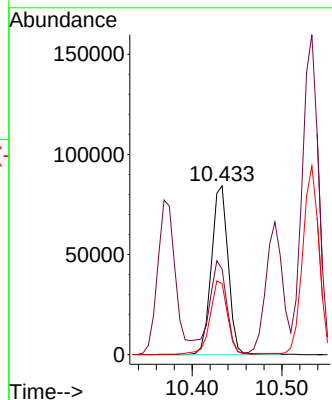
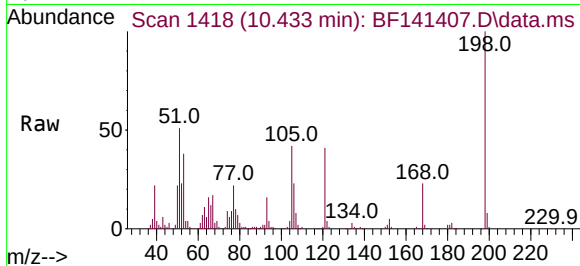




#65
4,6-Dinitro-2-methylphenol
Concen: 58.982 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

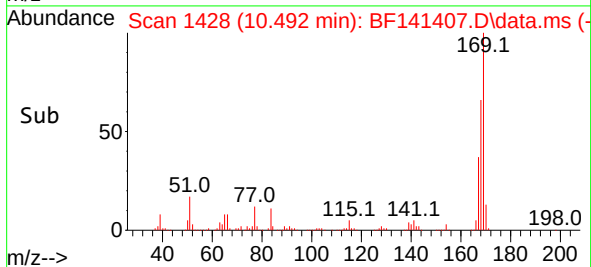
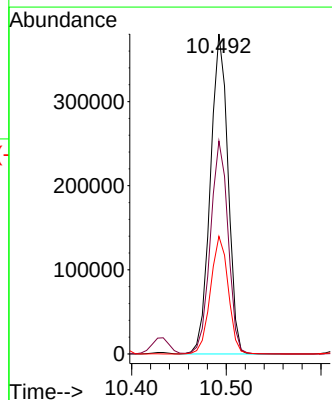
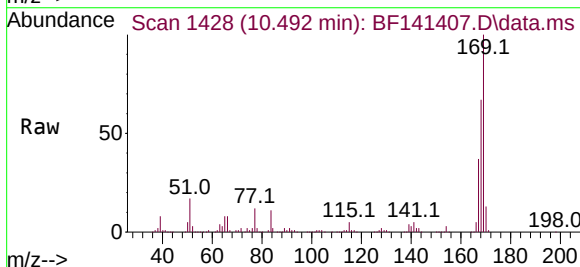
Instrument :
BNA_F
ClientSampleId :
PB166426BS

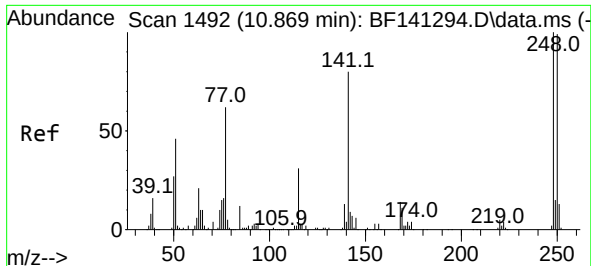
Tgt Ion:198 Resp: 109062
Ion Ratio Lower Upper
198 100
51 50.7 33.4 73.4
105 42.1 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 48.499 ng
RT: 10.492 min Scan# 1428
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:169 Resp: 490366
Ion Ratio Lower Upper
169 100
168 66.5 53.0 79.4
167 36.7 28.8 43.2

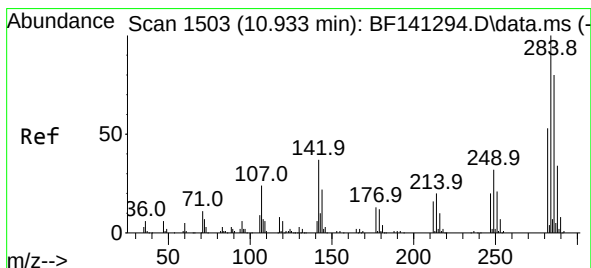
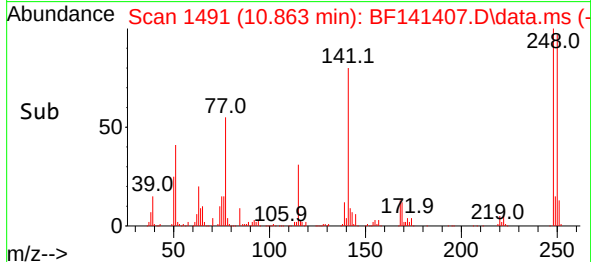
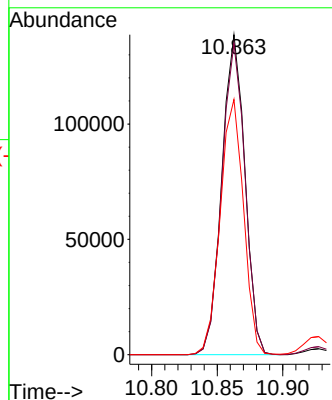
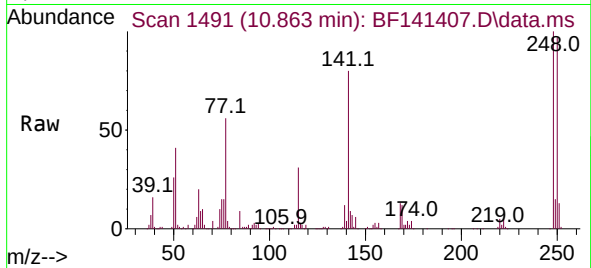




#67
4-Bromophenyl-phenylether
Concen: 48.562 ng
RT: 10.863 min Scan# 1492
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

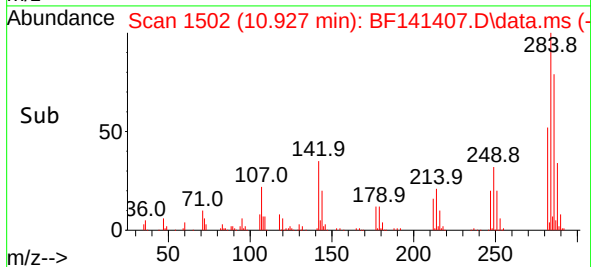
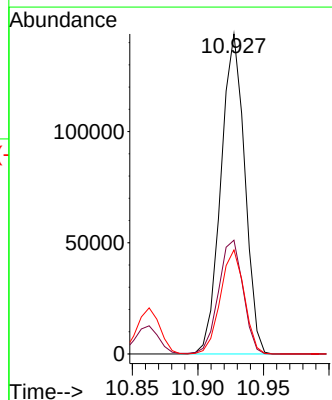
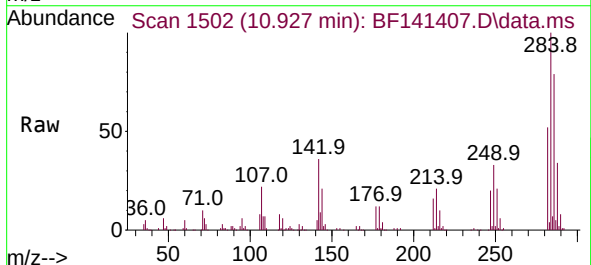
Instrument :
BNA_F
ClientSampleId :
PB166426BS

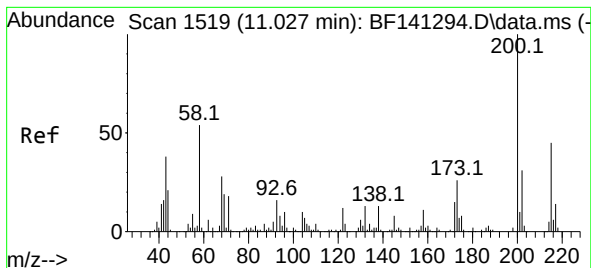
Tgt Ion:248 Resp: 169955
Ion Ratio Lower Upper
248 100
250 97.2 79.0 118.4
141 79.7 63.7 95.5



#68
Hexachlorobenzene
Concen: 48.853 ng
RT: 10.927 min Scan# 1502
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:284 Resp: 181362
Ion Ratio Lower Upper
284 100
142 35.5 29.5 44.3
249 32.5 25.4 38.2





#69

Atrazine

Concen: 51.796 ng

RT: 11.022 min Scan# 1518

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

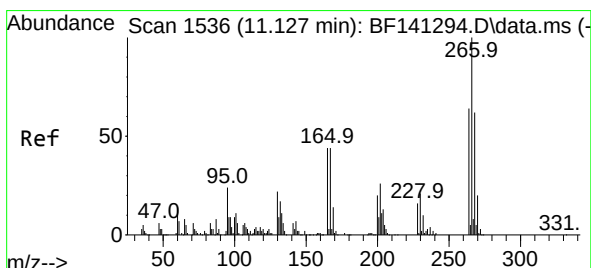
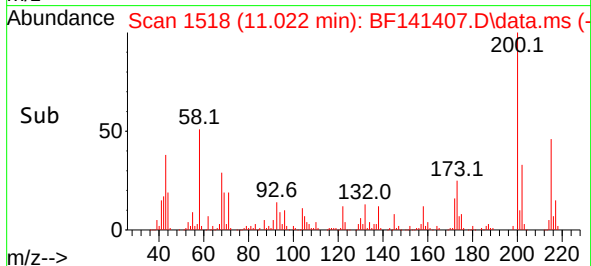
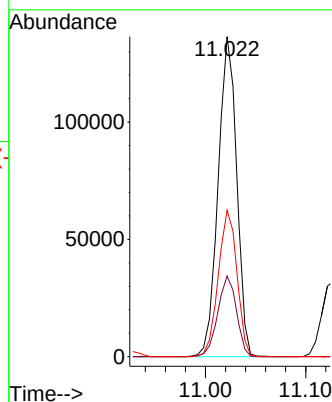
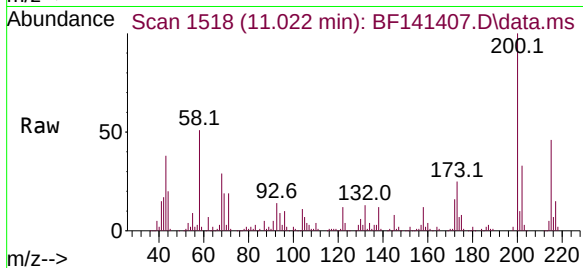
Tgt Ion:200 Resp: 175099

Ion Ratio Lower Upper

200 100

173 25.2 5.9 45.9

215 45.8 25.2 65.2



#70

Pentachlorophenol

Concen: 103.193 ng

RT: 11.127 min Scan# 1536

Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

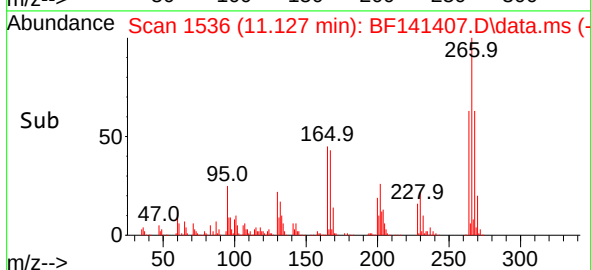
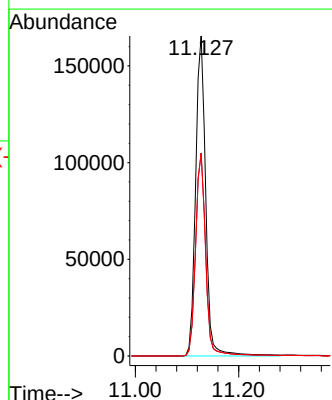
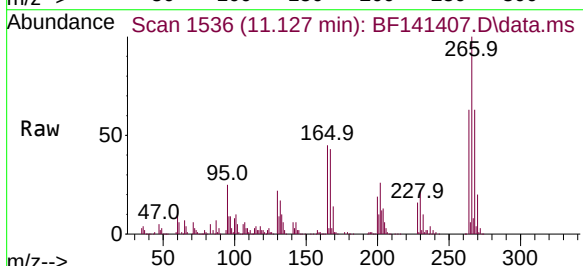
Tgt Ion:266 Resp: 224331

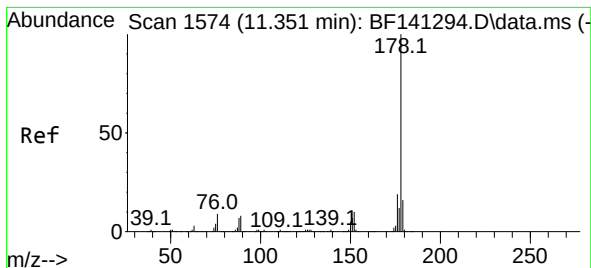
Ion Ratio Lower Upper

266 100

268 63.4 49.9 74.9

264 63.3 51.0 76.4





#71

Phenanthrene

Concen: 51.288 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

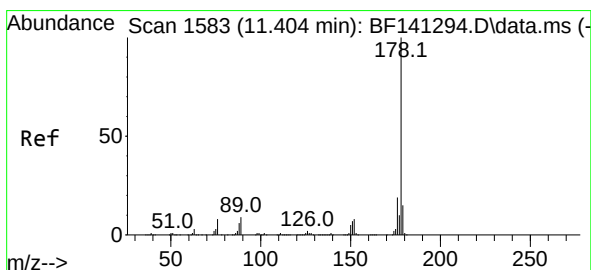
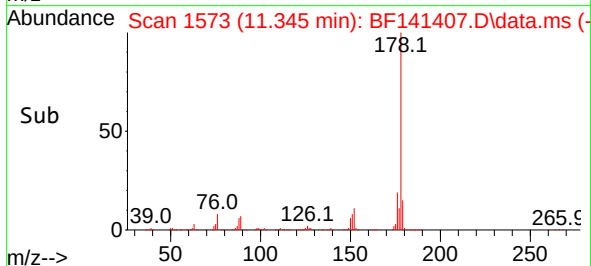
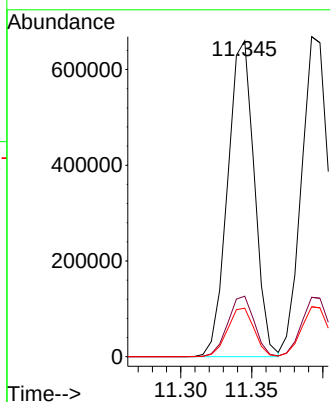
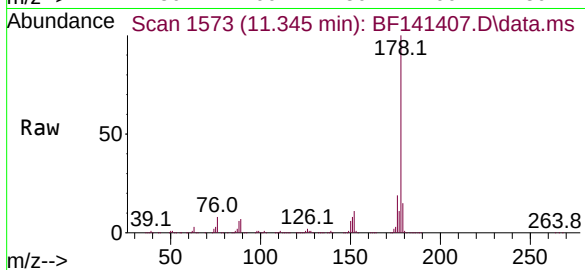
Tgt Ion:178 Resp: 861852

Ion Ratio Lower Upper

178 100

176 19.2 15.3 22.9

179 15.4 12.5 18.7



#72

Anthracene

Concen: 53.619 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

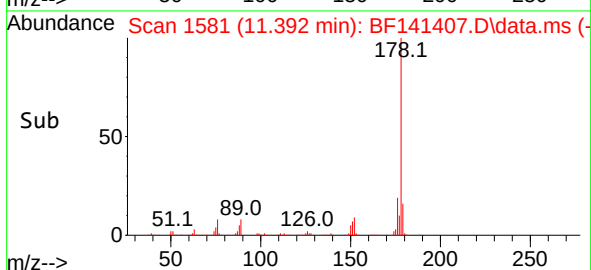
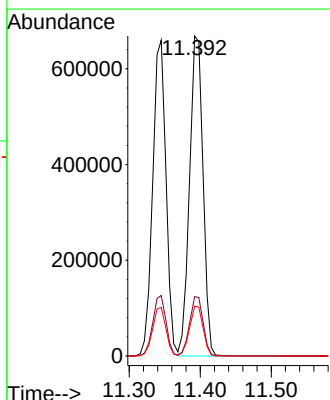
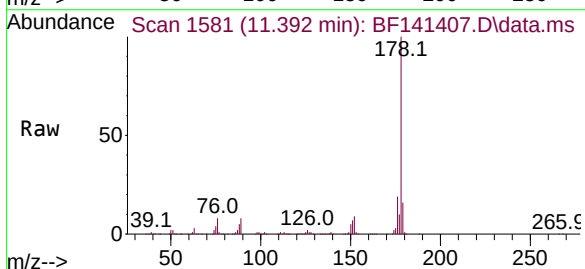
Tgt Ion:178 Resp: 882833

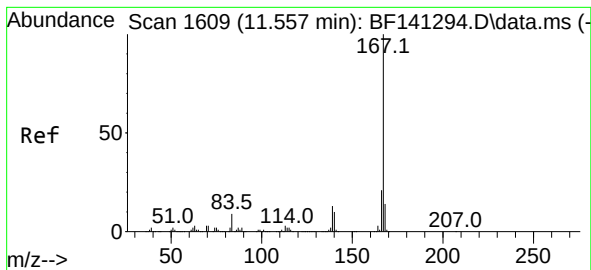
Ion Ratio Lower Upper

178 100

176 18.6 15.0 22.6

179 15.6 12.3 18.5





#73

Carbazole

Concen: 52.783 ng

RT: 11.551 min Scan# 1609

Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

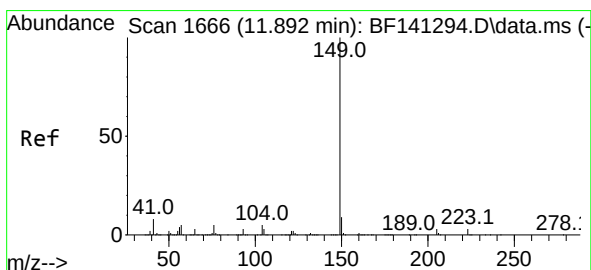
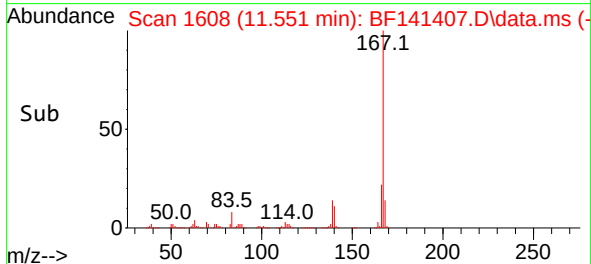
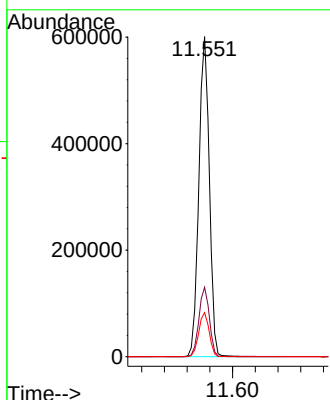
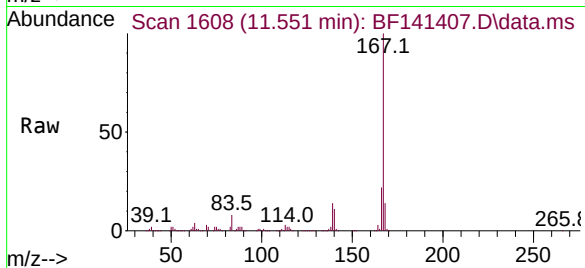
Tgt Ion:167 Resp: 770620

Ion Ratio Lower Upper

167 100

166 21.7 17.0 25.6

139 13.8 10.6 16.0



#74

Di-n-butylphthalate

Concen: 52.143 ng

RT: 11.880 min Scan# 1664

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

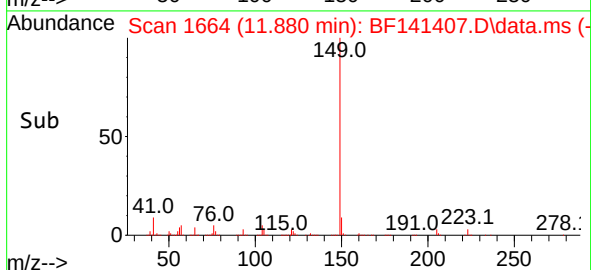
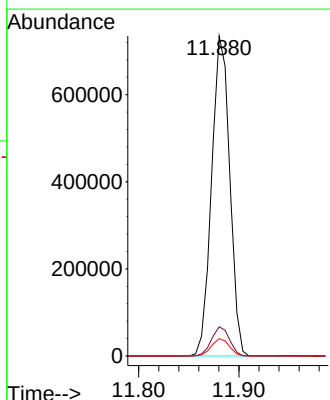
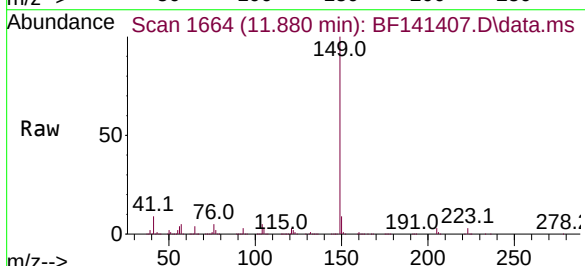
Tgt Ion:149 Resp: 922589

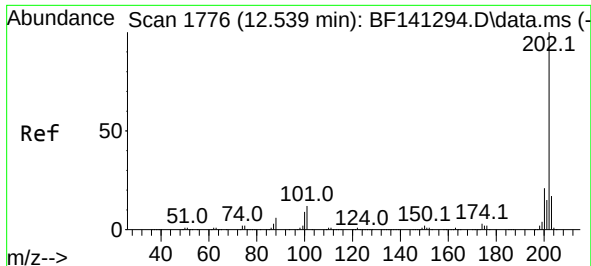
Ion Ratio Lower Upper

149 100

150 9.1 7.4 11.2

104 5.4 3.9 5.9

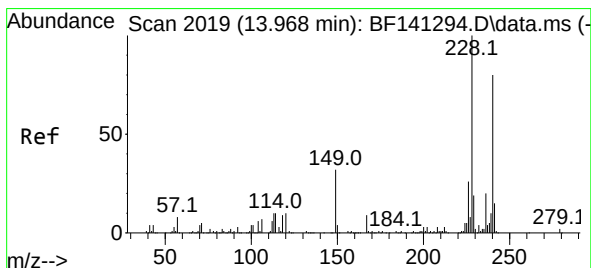
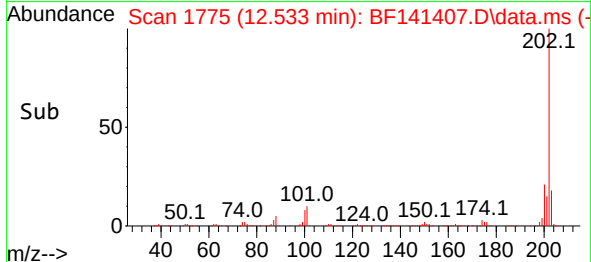
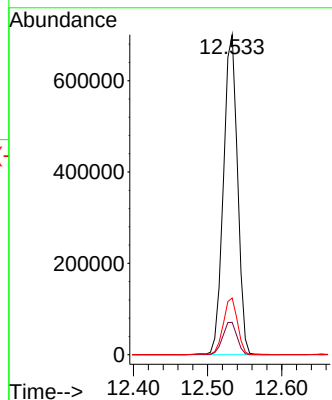
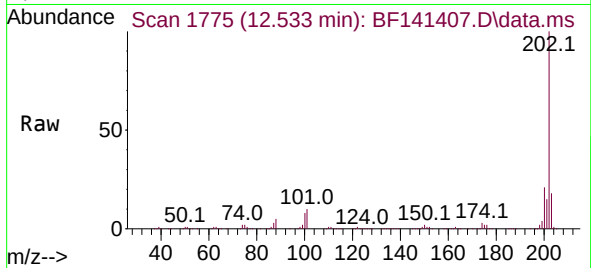




#75
Fluoranthene
Concen: 55.804 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

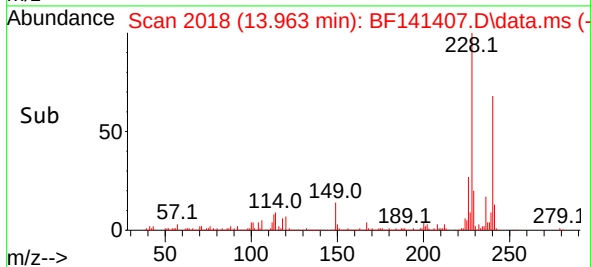
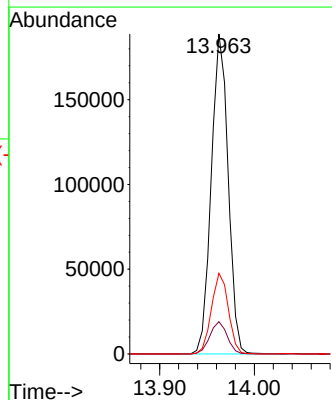
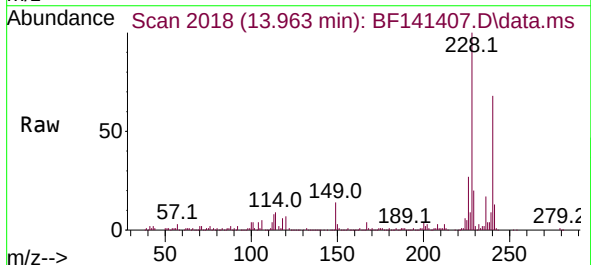
Instrument :
BNA_F
ClientSampleId :
PB166426BS

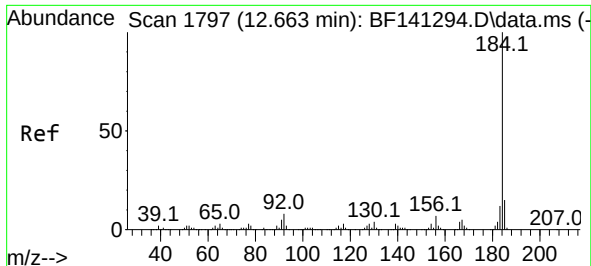
Tgt Ion:202 Resp: 925902
Ion Ratio Lower Upper
202 100
101 10.1 0.0 31.7
203 17.7 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:240 Resp: 234119
Ion Ratio Lower Upper
240 100
120 10.1 10.0 15.0
236 25.2 19.7 29.5

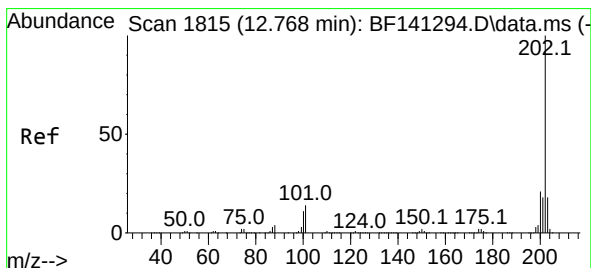
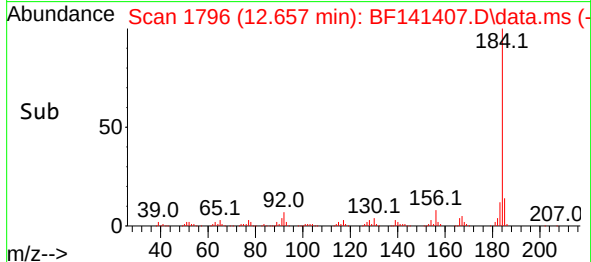
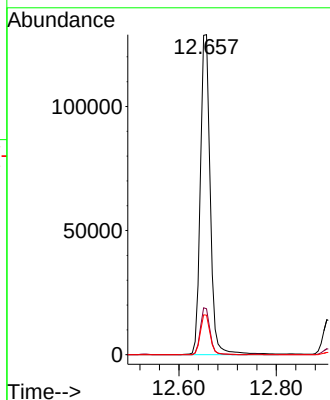
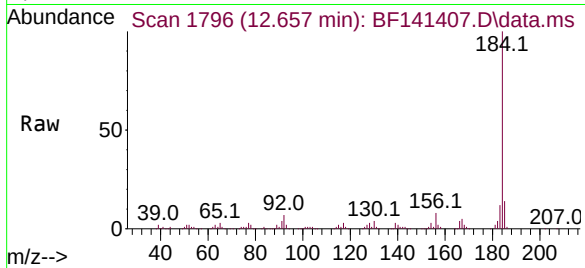




#77
Benzidine
Concen: 24.265 ng
RT: 12.657 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

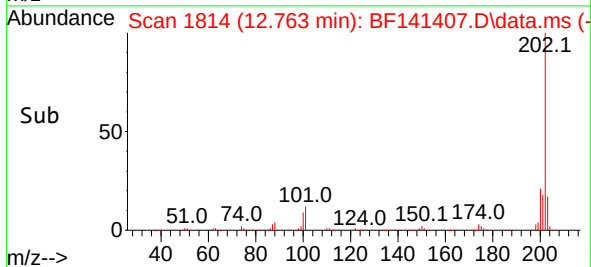
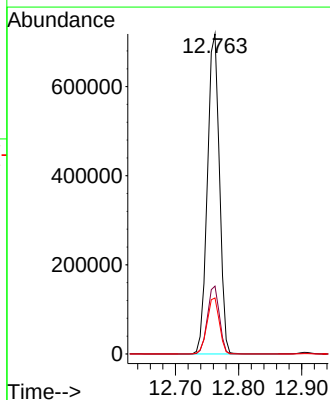
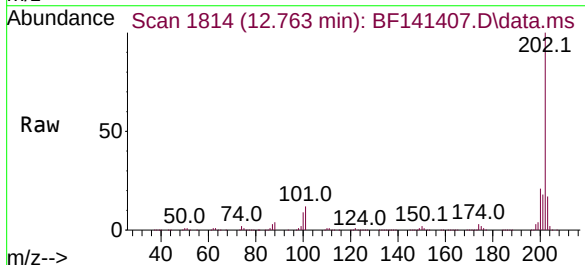
Instrument :
BNA_F
ClientSampleId :
PB166426BS

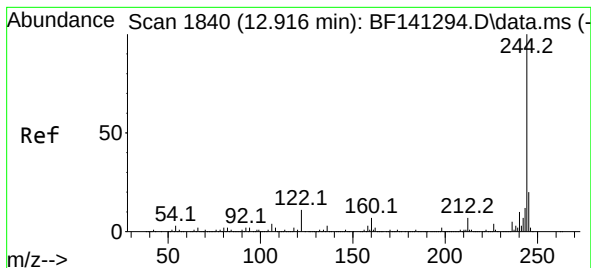
Tgt Ion:184 Resp: 182119
Ion Ratio Lower Upper
184 100
185 14.3 11.9 17.9
183 12.3 9.5 14.3



#78
Pyrene
Concen: 42.345 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:202 Resp: 951626
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.4
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 89.945 ng

RT: 12.904 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

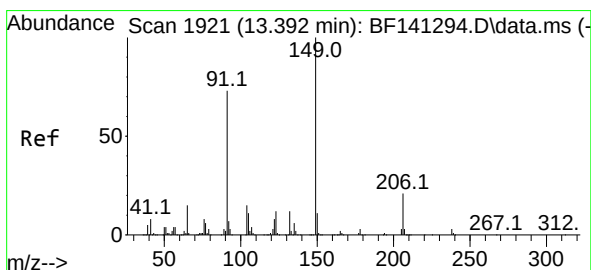
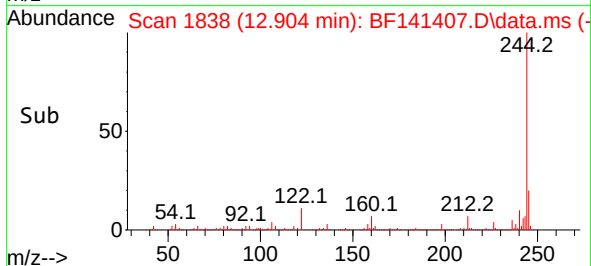
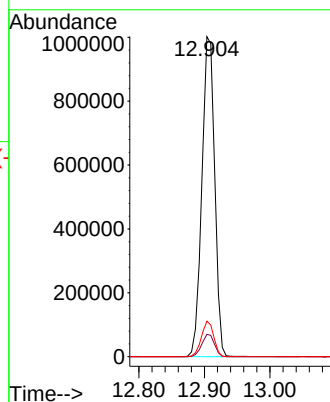
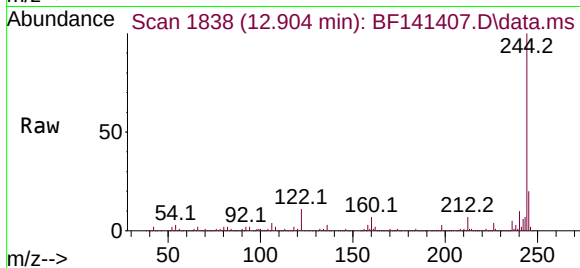
Tgt Ion:244 Resp: 1365459

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

122 11.1 8.8 13.2



#80

Butylbenzylphthalate

Concen: 49.204 ng

RT: 13.380 min Scan# 1919

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

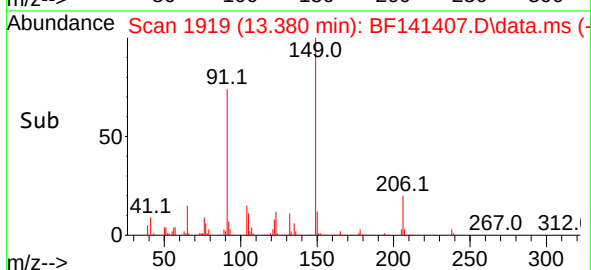
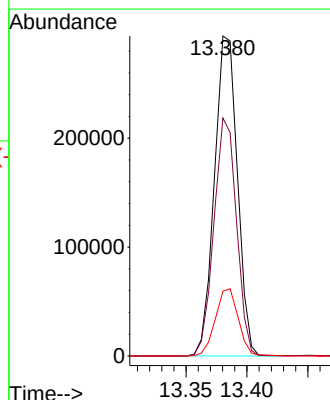
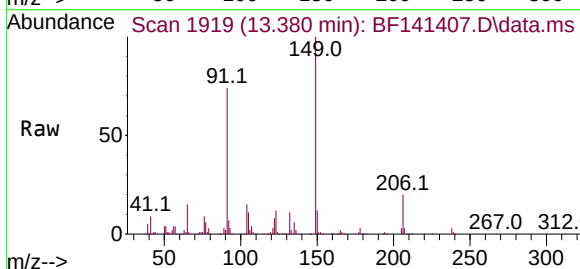
Tgt Ion:149 Resp: 386308

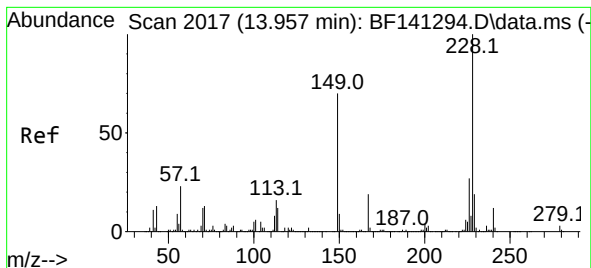
Ion Ratio Lower Upper

149 100

91 74.4 58.6 87.8

206 20.2 16.7 25.1





#81

Benzo(a)anthracene

Concen: 46.144 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

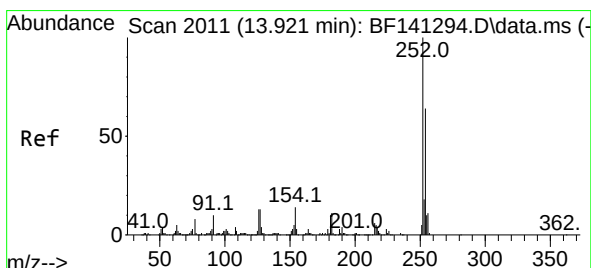
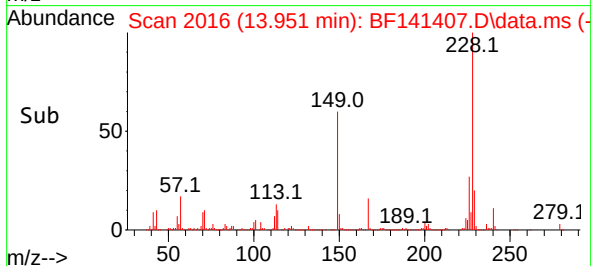
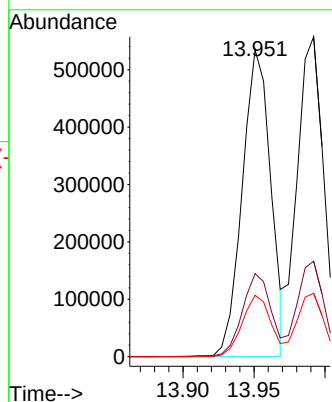
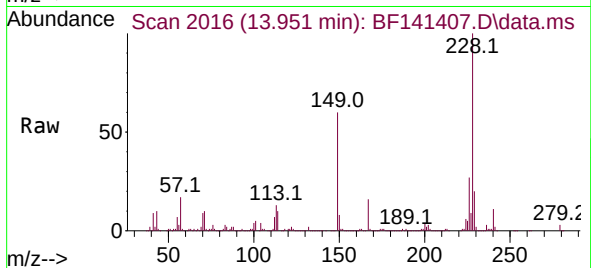
Tgt Ion:228 Resp: 745476

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 20.0 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 24.949 ng

RT: 13.915 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

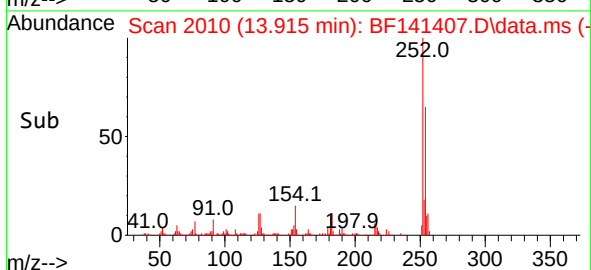
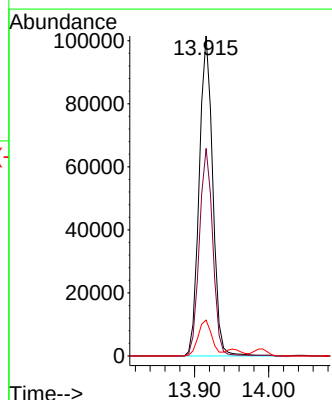
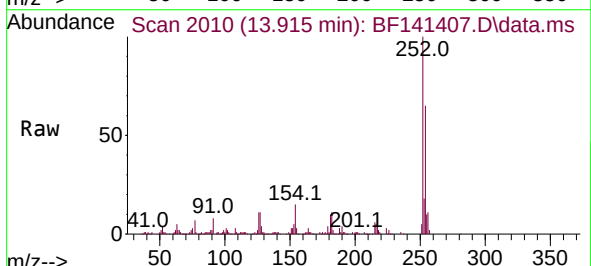
Tgt Ion:252 Resp: 128195

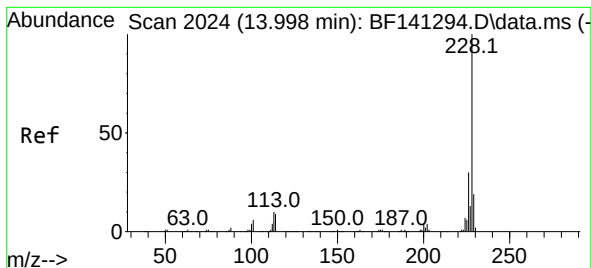
Ion Ratio Lower Upper

252 100

254 64.9 51.3 76.9

126 11.2 10.0 15.0





#83

Chrysene

Concen: 48.772 ng

RT: 13.992 min Scan# 2015

Delta R.T. -0.006 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

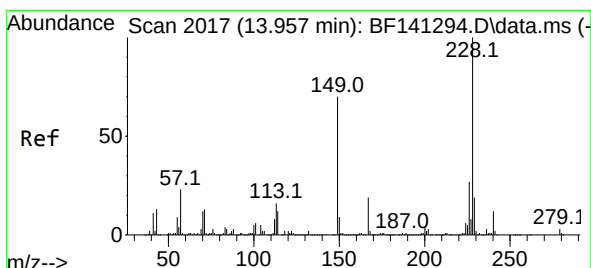
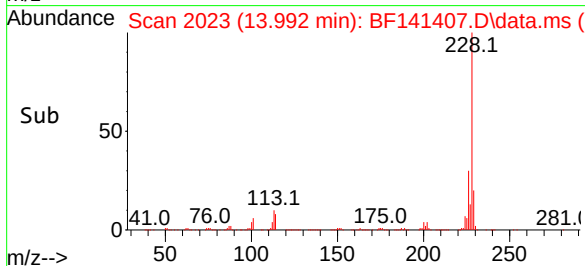
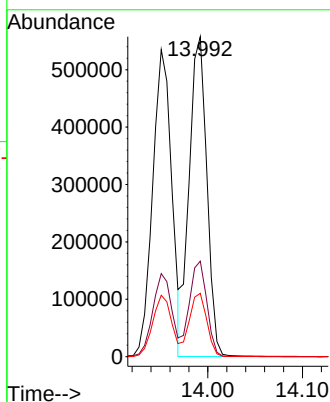
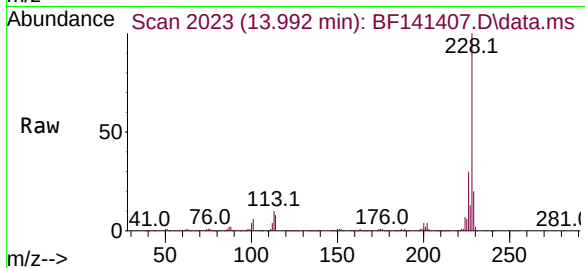
Tgt Ion:228 Resp: 722130

Ion Ratio Lower Upper

228 100

226 29.9 24.1 36.1

229 19.8 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.156 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

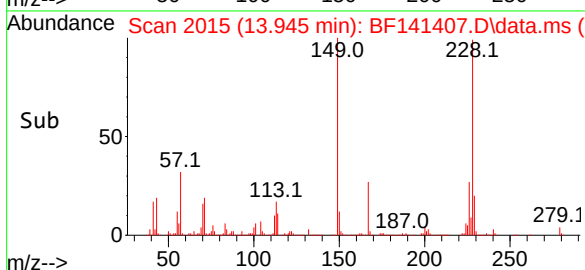
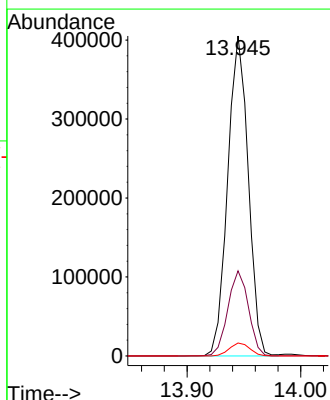
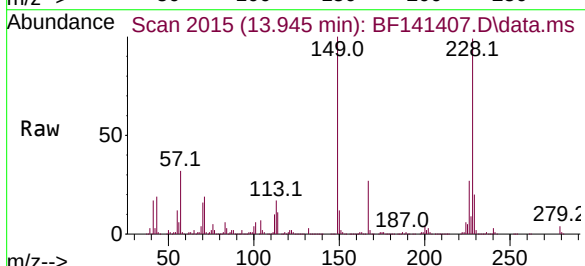
Tgt Ion:149 Resp: 509487

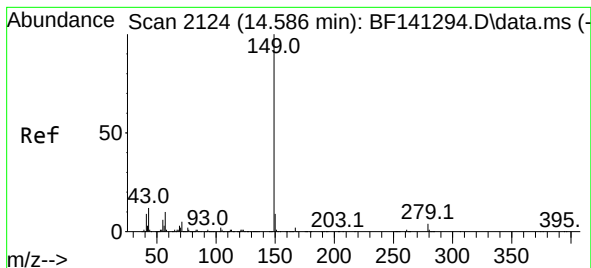
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 4.0 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 51.792 ng

RT: 14.568 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

Instrument :

BNA_F

ClientSampleId :

PB166426BS

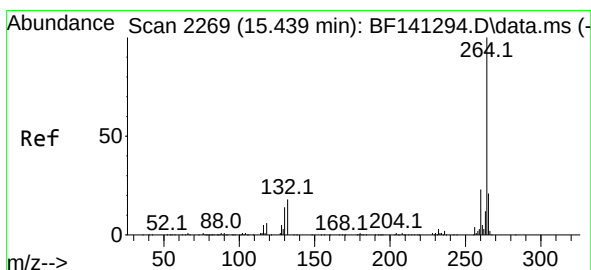
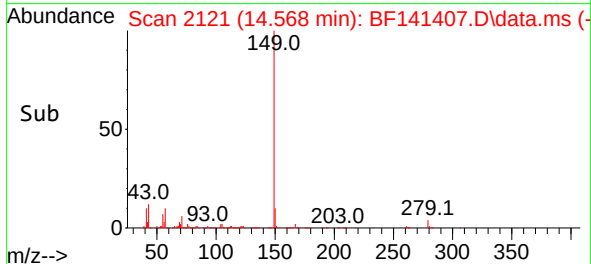
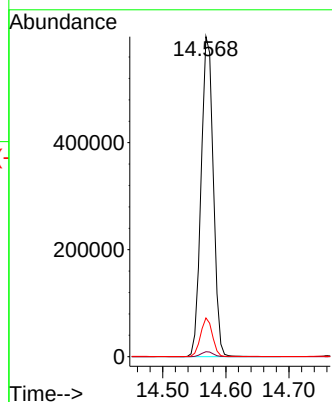
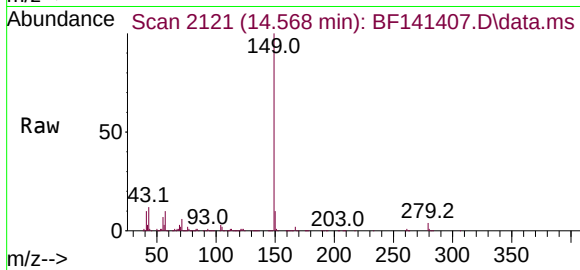
Tgt Ion:149 Resp: 801166

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 11.7 9.8 14.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.421 min Scan# 2266

Delta R.T. -0.018 min

Lab File: BF141407.D

Acq: 04 Feb 2025 14:39

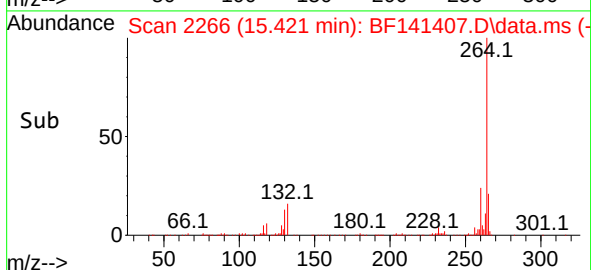
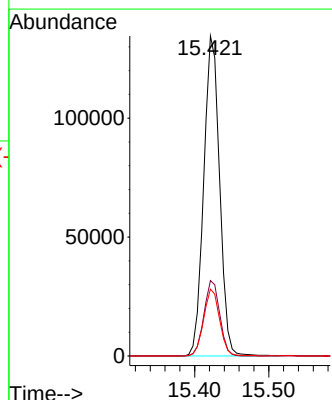
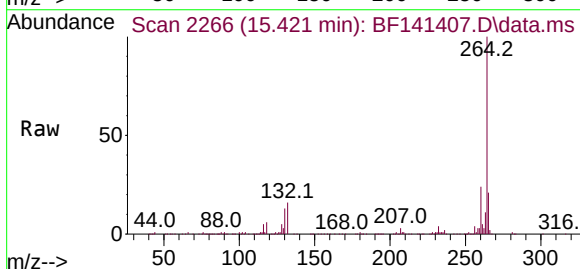
Tgt Ion:264 Resp: 200536

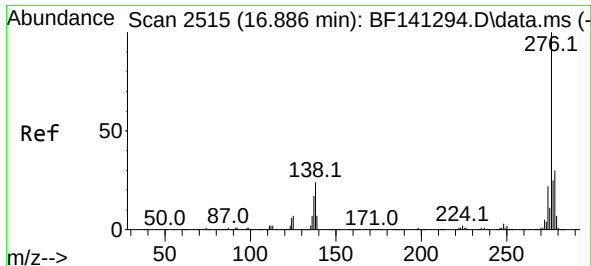
Ion Ratio Lower Upper

264 100

260 23.6 18.6 27.8

265 20.9 16.7 25.1

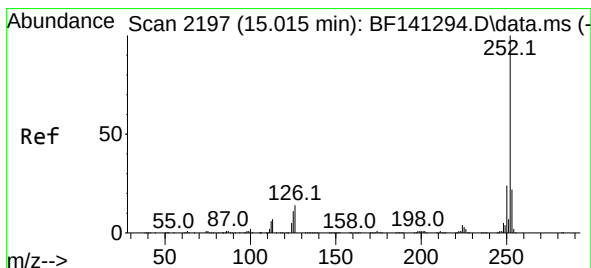
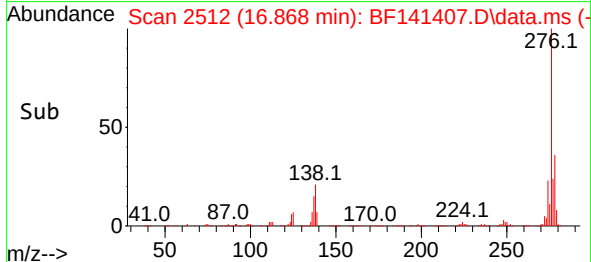
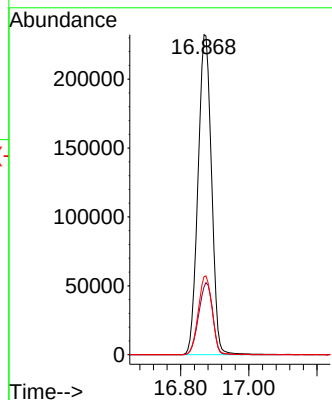
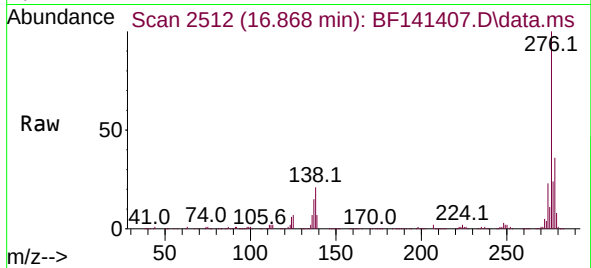




#87
Indeno(1,2,3-cd)pyrene
Concen: 49.309 ng
RT: 16.868 min Scan# 2119
Delta R.T. -0.030 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

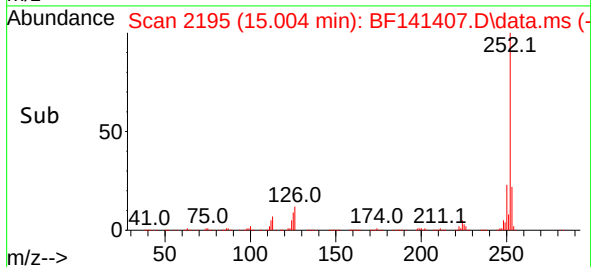
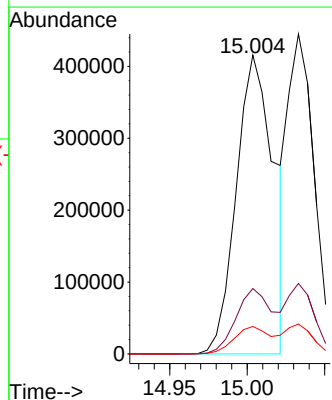
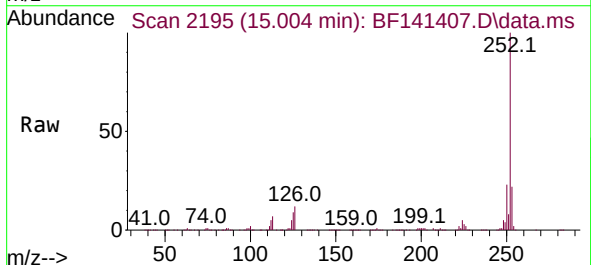
Instrument :
BNA_F
ClientSampleId :
PB166426BS

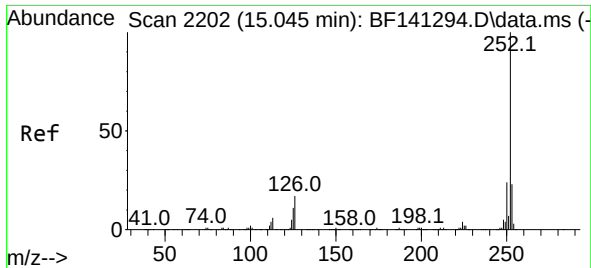
Tgt Ion:276 Resp: 638218
Ion Ratio Lower Upper
276 100
138 23.2 21.7 32.5
277 25.2 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 55.316 ng
RT: 15.004 min Scan# 2195
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:252 Resp: 697768
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 9.2 8.6 12.8

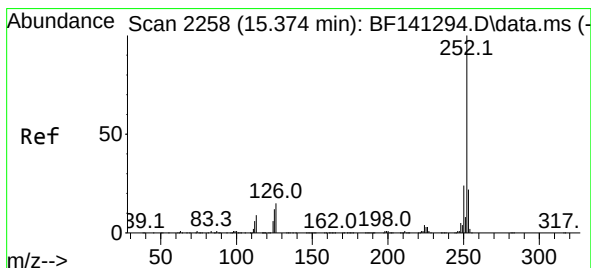
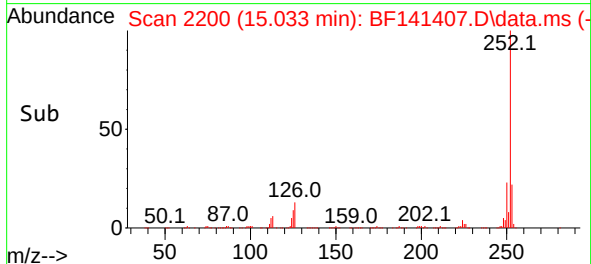
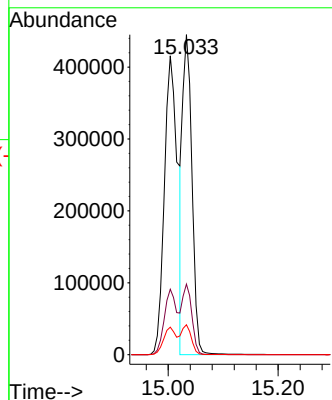
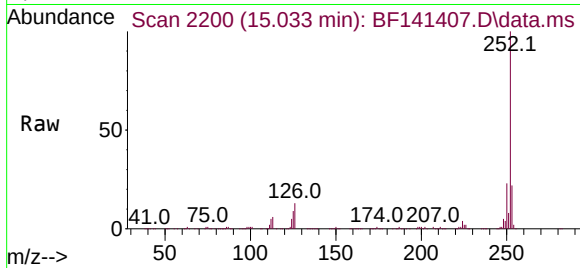




#89
Benzo(k)fluoranthene
Concen: 47.265 ng
RT: 15.033 min Scan# 21
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

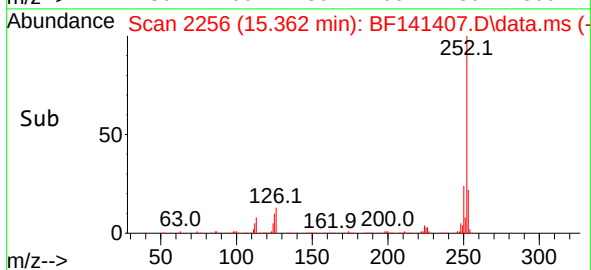
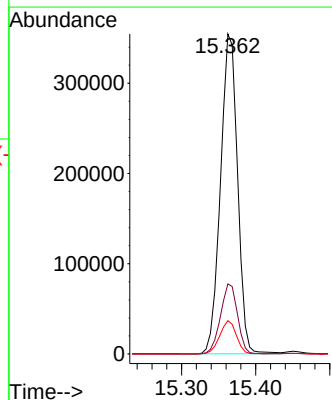
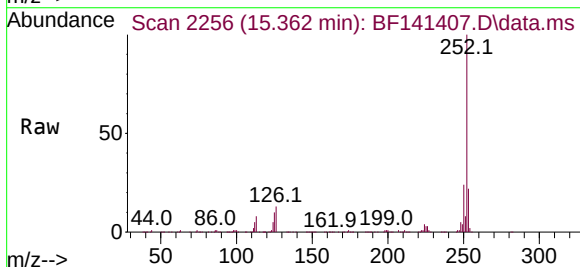
Instrument :
BNA_F
ClientSampleId :
PB166426BS

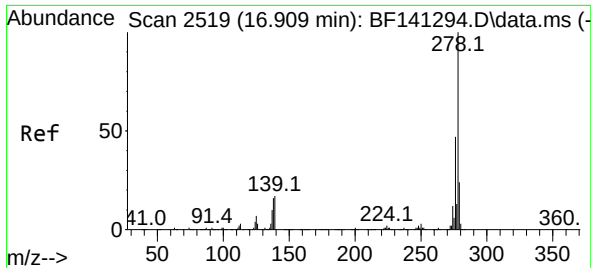
Tgt Ion:252 Resp: 528168
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 9.3 8.4 12.6



#90
Benzo(a)pyrene
Concen: 53.145 ng
RT: 15.362 min Scan# 2256
Delta R.T. -0.018 min
Lab File: BF141407.D
Acq: 04 Feb 2025 14:39

Tgt Ion:252 Resp: 566504
Ion Ratio Lower Upper
252 100
253 21.9 17.2 25.8
125 10.4 9.4 14.2

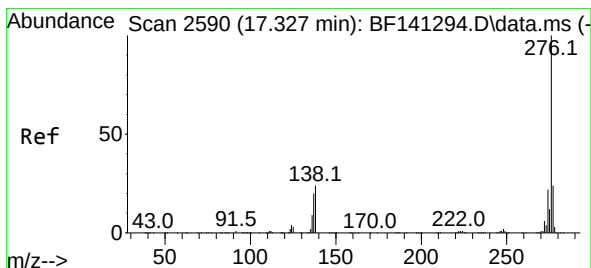
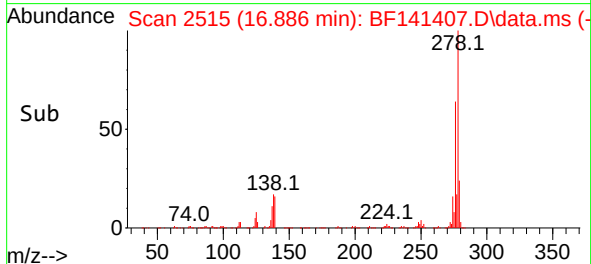
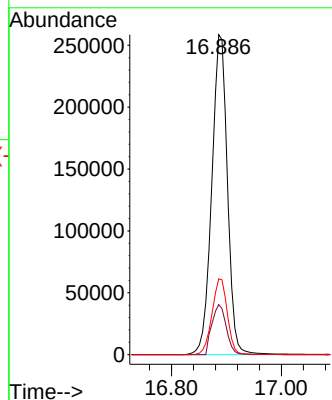
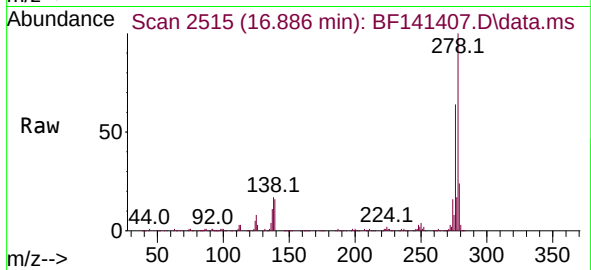




#91
 Dibenzo(a,h)anthracene
 Concen: 49.118 ng
 RT: 16.886 min Scan# 21
 Delta R.T. -0.035 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

Instrument :
 BNA_F
 ClientSampleId :
 PB166426BS

Tgt Ion:278 Resp: 511474
 Ion Ratio Lower Upper
 278 100
 139 15.7 13.9 20.9
 279 23.7 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 44.307 ng
 RT: 17.309 min Scan# 2587
 Delta R.T. -0.035 min
 Lab File: BF141407.D
 Acq: 04 Feb 2025 14:39

Tgt Ion:276 Resp: 479740
 Ion Ratio Lower Upper
 276 100
 277 23.6 19.2 28.8
 138 19.2 19.0 28.4

