

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141363.D
 Acq On : 03 Feb 2025 12:18
 Operator : RC/JU
 Sample : PB166468BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

Quant Time: Feb 03 12:41:37 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	6.798	152	89290	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	364890	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	202577	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	362057	20.000	ng	0.00
76) Chrysene-d12	13.963	240	289738	20.000	ng	-0.01
86) Perylene-d12	15.421	264	274140	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	554670	95.367	ng	0.01
7) Phenol-d6	6.440	99	680712	92.002	ng	0.00
23) Nitrobenzene-d5	7.357	82	667702	96.464	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	197446	106.316	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1265951	96.188	ng	0.00
79) Terphenyl-d14	12.910	244	1531136	81.498	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.558	88	110291	43.117	ng	97
3) Pyridine	3.287	79	243075	39.441	ng	97
4) n-Nitrosodimethylamine	3.234	42	164331	46.675	ng	91
6) Aniline	6.457	93	277558	44.316	ng	# 31
8) 2-Chlorophenol	6.587	128	288550	46.287	ng	97
9) Benzaldehyde	6.345	77	225365	52.585	ng	98
10) Phenol	6.451	94	345326	44.029	ng	# 69
11) bis(2-Chloroethyl)ether	6.534	93	266496	44.315	ng	97
12) 1,3-Dichlorobenzene	6.734	146	299027	43.504	ng	99
13) 1,4-Dichlorobenzene	6.816	146	302303	43.779	ng	100
14) 1,2-Dichlorobenzene	6.963	146	290981	45.002	ng	100
15) Benzyl Alcohol	6.940	79	256081	50.645	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.069	45	454108	43.425	ng	# 47
17) 2-Methylphenol	7.063	107	226630	44.731	ng	# 90
18) Hexachloroethane	7.310	117	114623	44.997	ng	96
19) n-Nitroso-di-n-propyla...	7.210	70	203852	46.367	ng	100
20) 3+4-Methylphenols	7.216	107	298496	47.983	ng	# 83
22) Acetophenone	7.204	105	443710	51.158	ng	# 96
24) Nitrobenzene	7.381	77	308497	43.008	ng	99
25) Isophorone	7.616	82	554160	46.315	ng	98
26) 2-Nitrophenol	7.692	139	155376	45.929	ng	96
27) 2,4-Dimethylphenol	7.740	122	238891	55.480	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	338852	44.399	ng	99
29) 2,4-Dichlorophenol	7.945	162	244494	46.381	ng	100
30) 1,2,4-Trichlorobenzene	8.022	180	260784	43.319	ng	99
31) Naphthalene	8.098	128	853750	44.290	ng	100
32) Benzoic acid	7.869	122	204723	51.720	ng	98
33) 4-Chloroaniline	8.151	127	150417	23.011	ng	99
34) Hexachlorobutadiene	8.216	225	157188	44.525	ng	99
35) Caprolactam	8.551	113	34733	20.175	ng	94
36) 4-Chloro-3-methylphenol	8.645	107	273859	48.434	ng	96
37) 2-Methylnaphthalene	8.792	142	545029	44.486	ng	100
38) 1-Methylnaphthalene	8.892	142	537486	44.661	ng	100
40) 1,2,4,5-Tetrachloroben...	8.957	216	289481	50.230	ng	98
41) Hexachlorocyclopentadiene	8.945	237	339264	199.332	ng	99
43) 2,4,6-Trichlorophenol	9.075	196	178940	47.437	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF020325\
 Data File : BF141363.D
 Acq On : 03 Feb 2025 12:18
 Operator : RC/JU
 Sample : PB166468BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

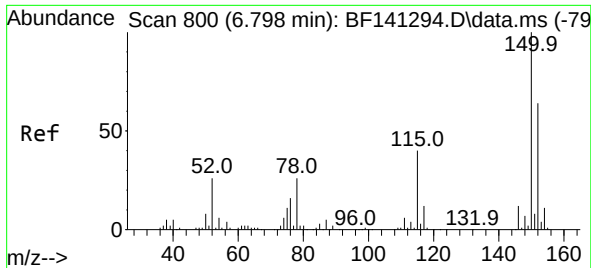
Quant Time: Feb 03 12:41:37 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.122	196	189539	46.167	ng	98
46) 1,1'-Biphenyl	9.257	154	794919	50.316	ng	99
47) 2-Chloronaphthalene	9.281	162	542545	44.059	ng	100
48) 2-Nitroaniline	9.381	65	185272	47.833	ng	100
49) Acenaphthylene	9.698	152	844481	48.991	ng	99
50) Dimethylphthalate	9.557	163	642076	46.929	ng	100
51) 2,6-Dinitrotoluene	9.622	165	143836	45.277	ng	98
52) Acenaphthene	9.869	154	556756	45.211	ng	99
53) 3-Nitroaniline	9.786	138	84056	26.996	ng	98
54) 2,4-Dinitrophenol	9.898	184	168500	114.102	ng	95
55) Dibenzofuran	10.039	168	761460	46.195	ng	97
56) 4-Nitrophenol	9.975	139	248672	109.206	ng	95
57) 2,4-Dinitrotoluene	10.028	165	199003	48.383	ng	95
58) Fluorene	10.386	166	608304	47.576	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.163	232	165941	51.376	ng	99
60) Diethylphthalate	10.257	149	625298	47.135	ng	99
61) 4-Chlorophenyl-phenyle...	10.375	204	287266	45.995	ng	97
62) 4-Nitroaniline	10.404	138	150129	49.044	ng	95
63) Azobenzene	10.533	77	625543	47.107	ng	98
65) 4,6-Dinitro-2-methylph...	10.433	198	108242	50.544	ng	98
66) n-Nitrosodiphenylamine	10.498	169	538349	45.972	ng	100
67) 4-Bromophenyl-phenylether	10.869	248	183762	45.336	ng	96
68) Hexachlorobenzene	10.933	284	192942	44.874	ng	97
69) Atrazine	11.028	200	206716	52.797	ng	99
70) Pentachlorophenol	11.133	266	246586	97.939	ng	99
71) Phenanthrene	11.345	178	942527	48.429	ng	100
72) Anthracene	11.398	178	970212	50.878	ng	100
73) Carbazole	11.557	167	862057	50.982	ng	99
74) Di-n-butylphthalate	11.886	149	1027576	50.145	ng	100
75) Fluoranthene	12.533	202	998223	51.946	ng	99
77) Benzidine	12.657	184	421972	45.429	ng	99
78) Pyrene	12.763	202	1030635	37.057	ng	100
80) Butylbenzylphthalate	13.386	149	409963	42.193	ng	99
81) Benzo(a)anthracene	13.951	228	911475	45.588	ng	99
82) 3,3'-Dichlorobenzidine	13.916	252	170051	26.742	ng	99
83) Chrysene	13.992	228	819941	44.748	ng	99
84) Bis(2-ethylhexyl)phtha...	13.945	149	592598	48.079	ng	99
85) Di-n-octyl phthalate	14.568	149	973666	50.860	ng	100
87) Indeno(1,2,3-cd)pyrene	16.874	276	902599	51.012	ng	100
88) Benzo(b)fluoranthene	15.004	252	862962	50.044	ng	99
89) Benzo(k)fluoranthene	15.033	252	694206	45.444	ng	99
90) Benzo(a)pyrene	15.363	252	746076	51.199	ng	99
91) Dibenzo(a,h)anthracene	16.892	278	725204	50.944	ng	100
92) Benzo(g,h,i)perylene	17.309	276	709427	47.929	ng	99

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

Quant Time: Feb 03 12:41:37 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

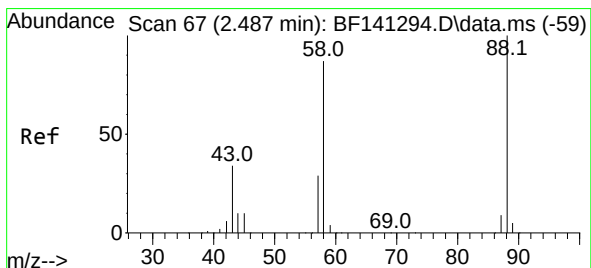
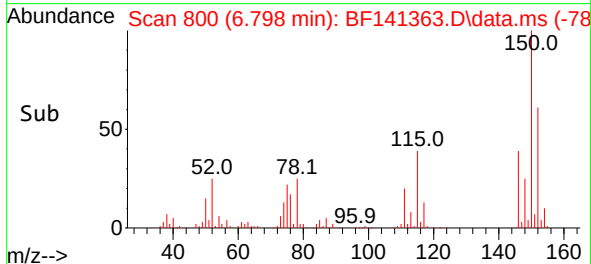
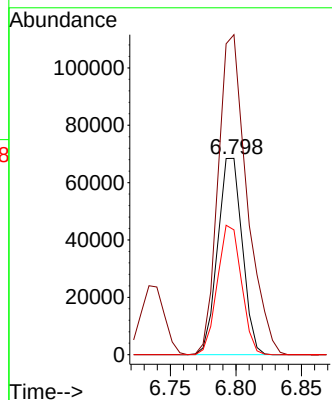
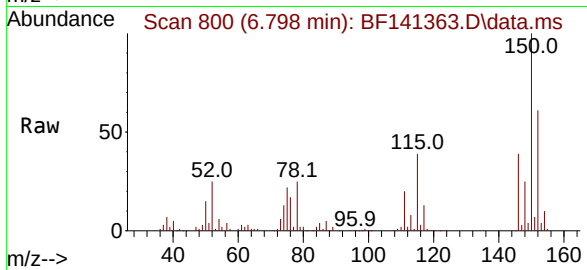




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

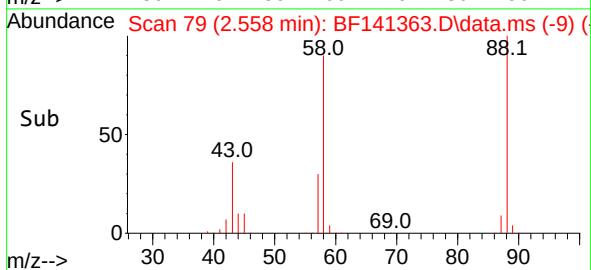
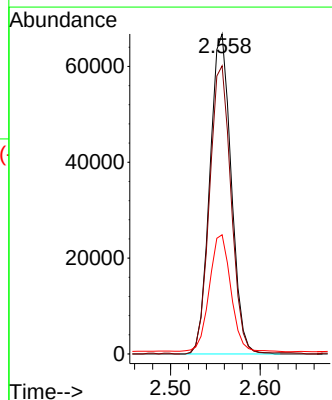
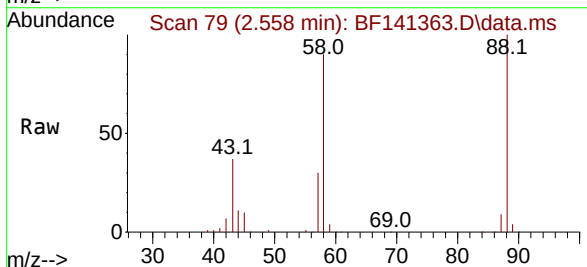
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

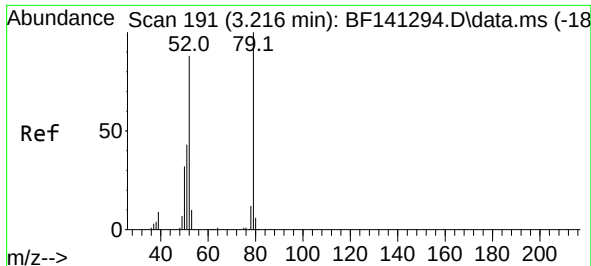
Tgt Ion:152 Resp: 89290
 Ion Ratio Lower Upper
 152 100
 150 163.0 125.9 188.9
 115 63.6 49.7 74.5



#2
 1,4-Dioxane
 Concen: 43.117 ng
 RT: 2.558 min Scan# 79
 Delta R.T. 0.065 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

Tgt Ion: 88 Resp: 110291
 Ion Ratio Lower Upper
 88 100
 58 90.6 70.2 105.4
 43 36.9 27.6 41.4

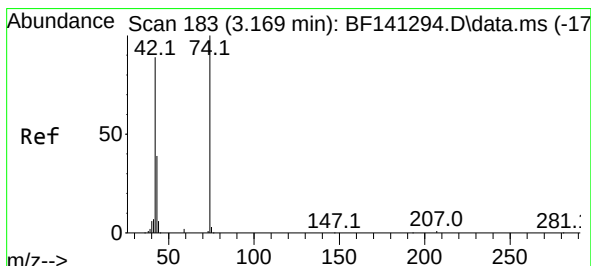
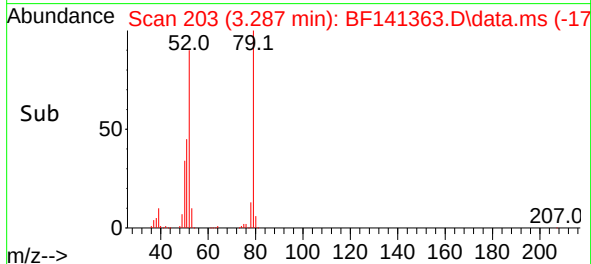
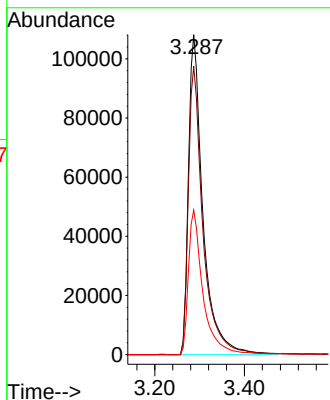
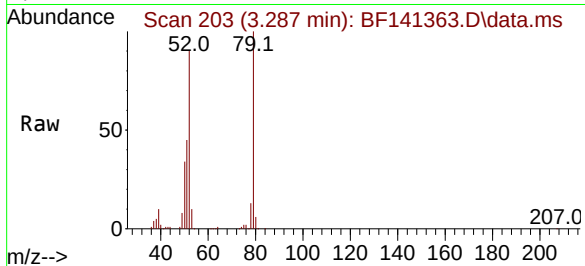




#3
Pyridine
Concen: 39.441 ng
RT: 3.287 min Scan# 20
Delta R.T. 0.059 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

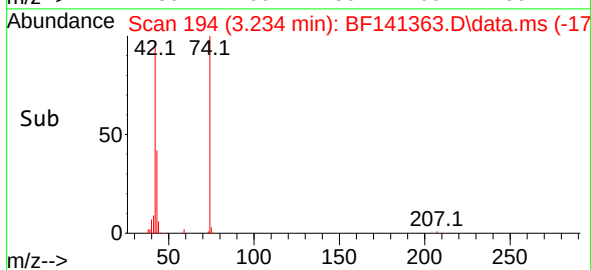
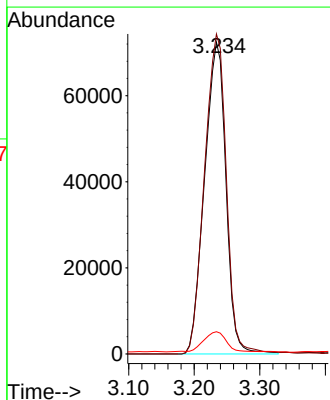
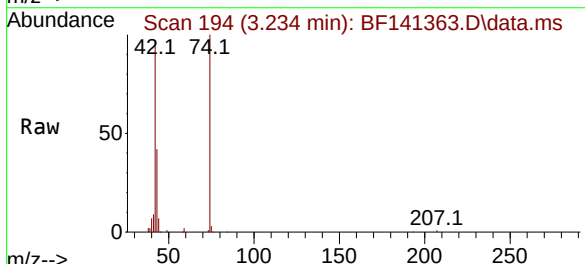
Instrument :
BNA_F
ClientSampleId :
PB166468BS

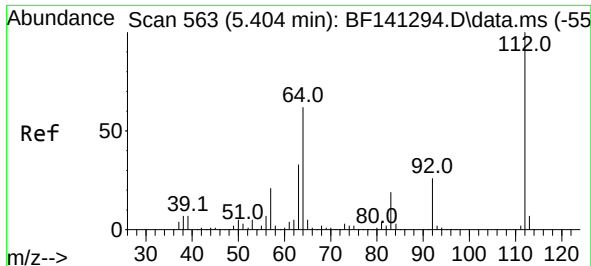
Tgt Ion: 79 Resp: 243075
Ion Ratio Lower Upper
79 100
52 90.1 70.3 105.5
51 45.2 34.3 51.5



#4
n-Nitrosodimethylamine
Concen: 46.675 ng
RT: 3.234 min Scan# 194
Delta R.T. 0.035 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 42 Resp: 164331
Ion Ratio Lower Upper
42 100
74 102.6 90.3 135.5
44 7.1 5.7 8.5

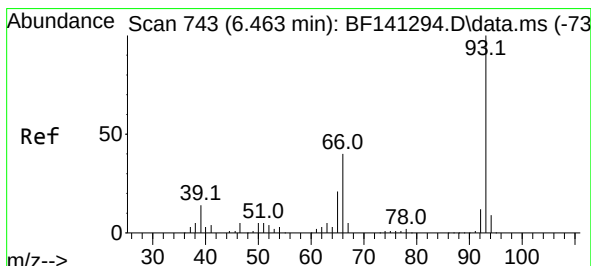
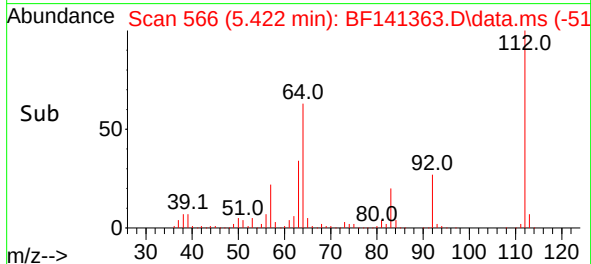
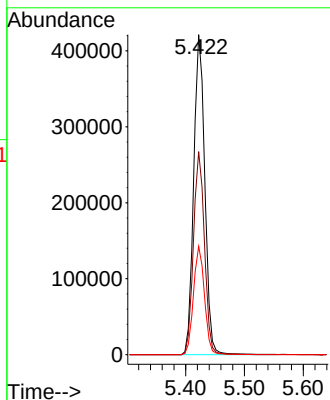
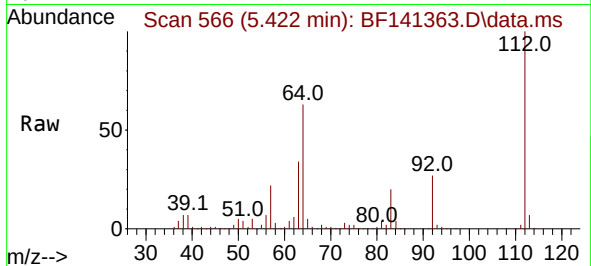




#5
2-Fluorophenol
Concen: 95.367 ng
RT: 5.422 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

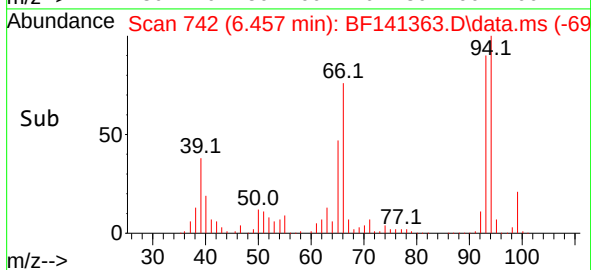
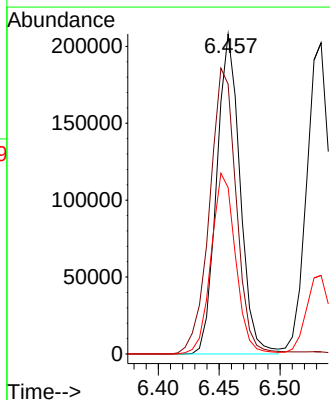
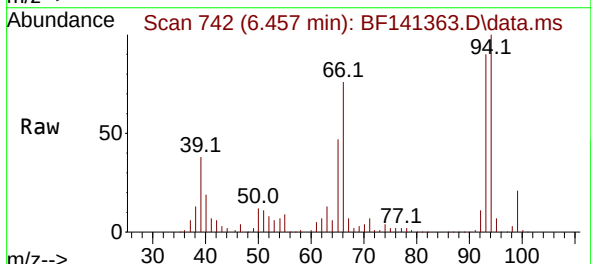
Instrument :
BNA_F
ClientSampleId :
PB166468BS

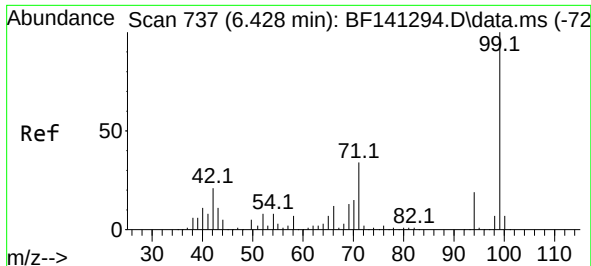
Tgt Ion:112 Resp: 554670
Ion Ratio Lower Upper
112 100
64 63.5 49.8 74.8
63 33.8 26.1 39.1



#6
Aniline
Concen: 44.316 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 93 Resp: 277558
Ion Ratio Lower Upper
93 100
66 84.3 32.5 48.7#
65 52.0 17.0 25.6#

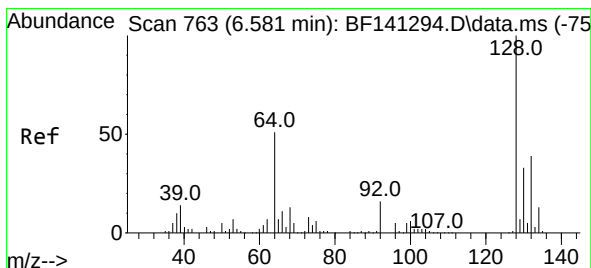
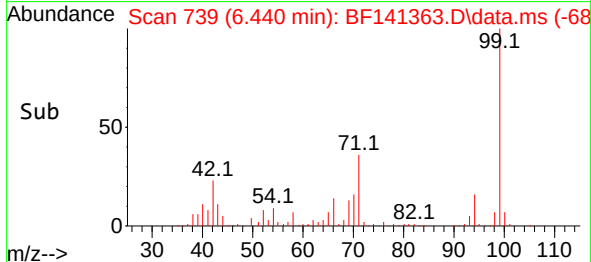
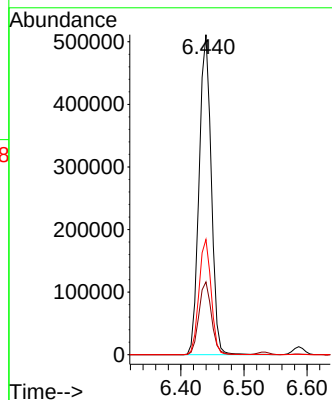
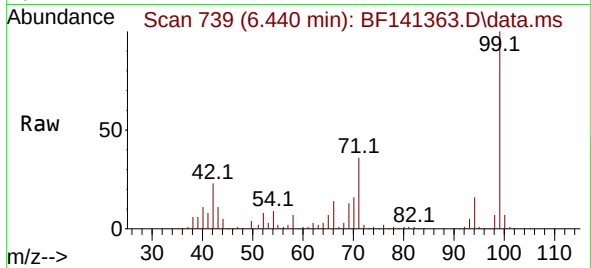




#7
Phenol-d6
Concen: 92.002 ng
RT: 6.440 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

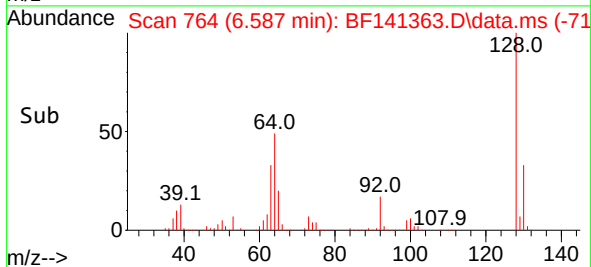
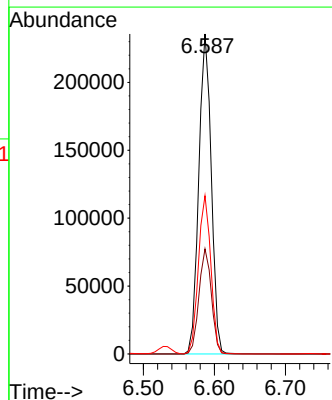
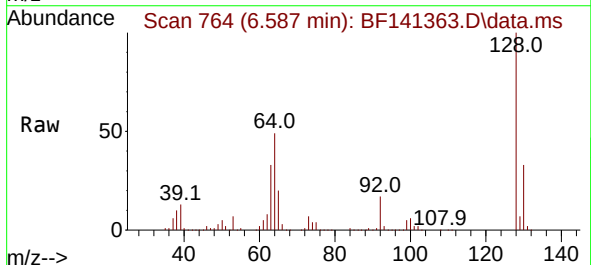
Instrument :
BNA_F
ClientSampleId :
PB166468BS

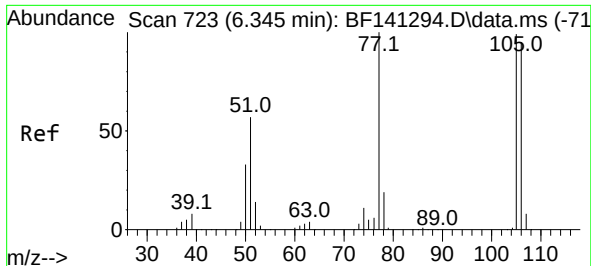
Tgt Ion: 99 Resp: 680712
Ion Ratio Lower Upper
99 100
42 22.7 17.1 25.7
71 36.0 26.9 40.3



#8
2-Chlorophenol
Concen: 46.287 ng
RT: 6.587 min Scan# 764
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:128 Resp: 288550
Ion Ratio Lower Upper
128 100
130 32.9 12.5 52.5
64 49.5 32.9 72.9





#9

Benzaldehyde

Concen: 52.585 ng

RT: 6.345 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

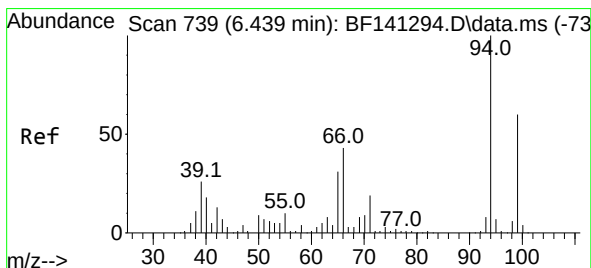
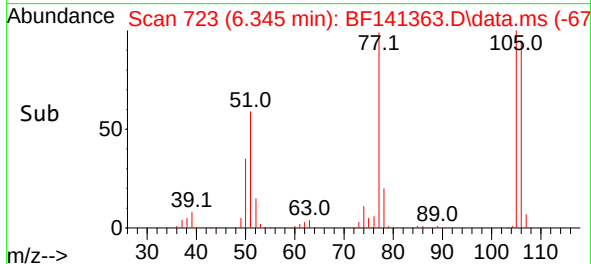
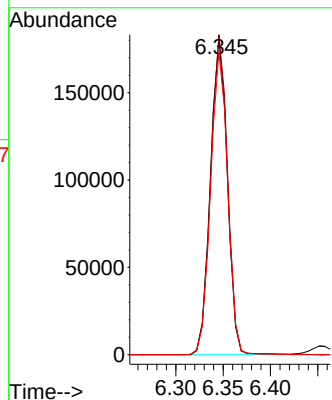
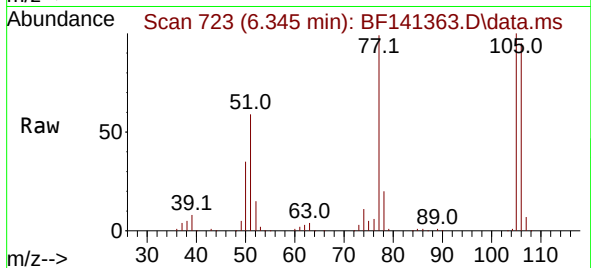
Tgt Ion: 77 Resp: 225365

Ion Ratio Lower Upper

77 100

105 101.3 79.4 119.4

106 95.8 74.6 114.6



#10

Phenol

Concen: 44.029 ng

RT: 6.451 min Scan# 741

Delta R.T. -0.000 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

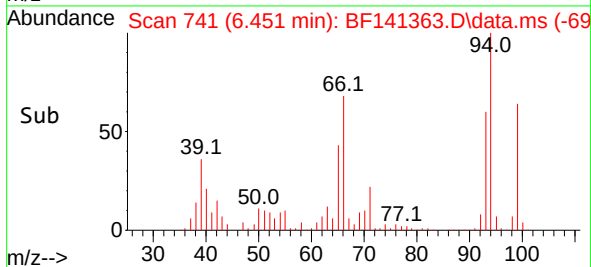
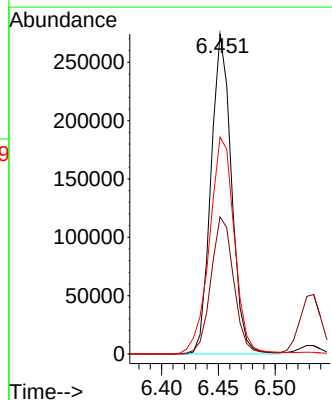
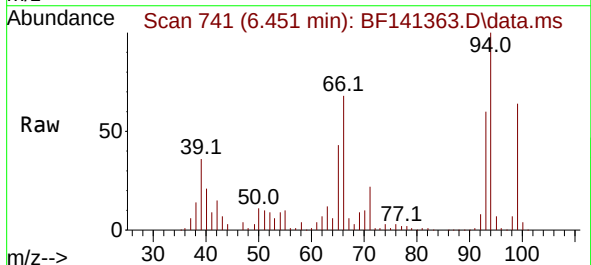
Tgt Ion: 94 Resp: 345326

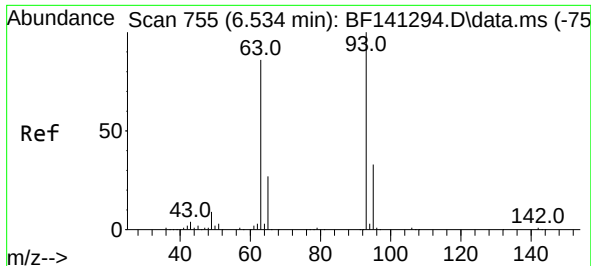
Ion Ratio Lower Upper

94 100

65 42.8 10.8 50.8

66 67.7 23.3 63.3#

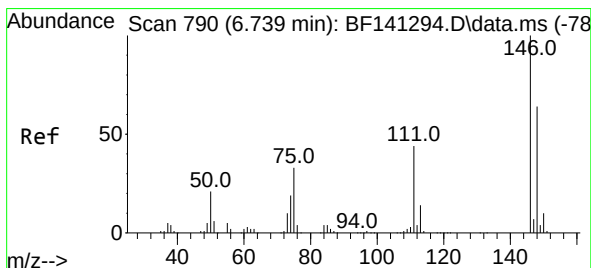
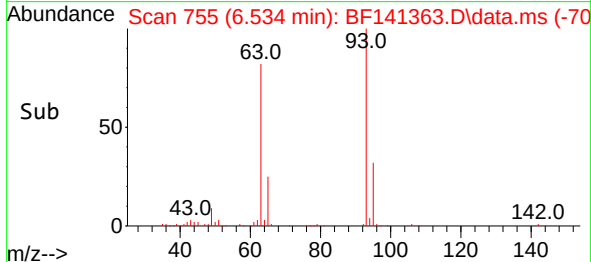
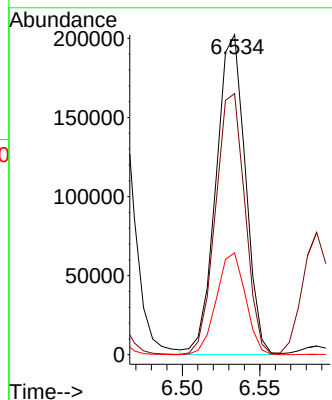
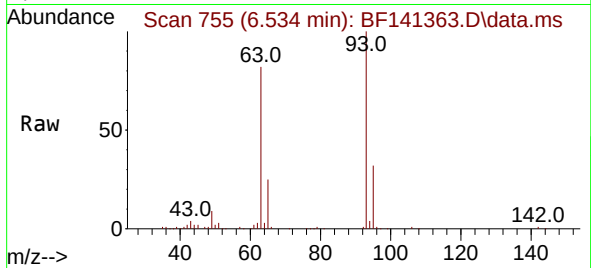




#11
bis(2-Chloroethyl)ether
Concen: 44.315 ng
RT: 6.534 min Scan# 711
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

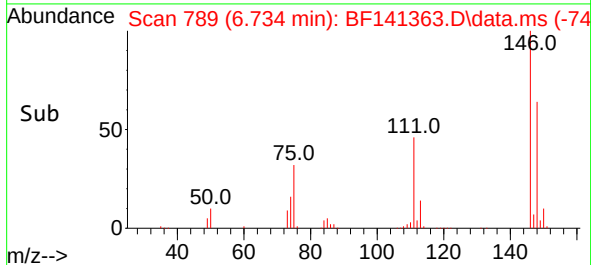
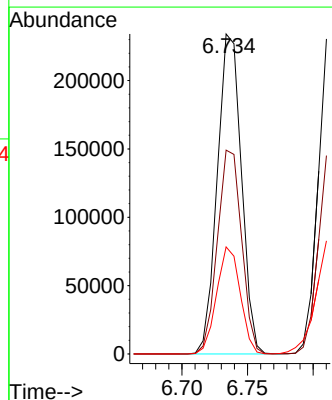
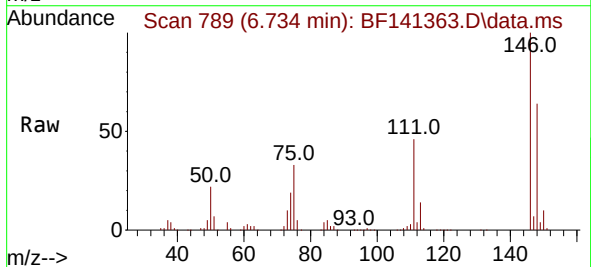
Instrument :
BNA_F
ClientSampleId :
PB166468BS

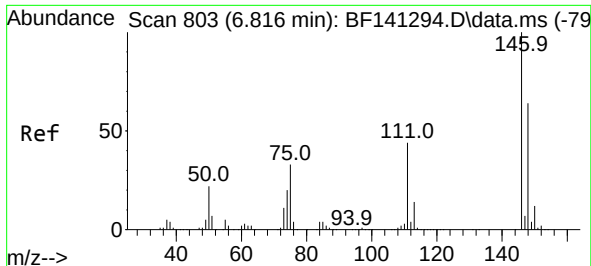
Tgt Ion: 93 Resp: 266496
Ion Ratio Lower Upper
93 100
63 81.6 65.0 105.0
95 31.8 12.4 52.4



#12
1,3-Dichlorobenzene
Concen: 43.504 ng
RT: 6.734 min Scan# 789
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:146 Resp: 299027
Ion Ratio Lower Upper
146 100
148 63.7 51.2 76.8
75 33.5 26.2 39.4

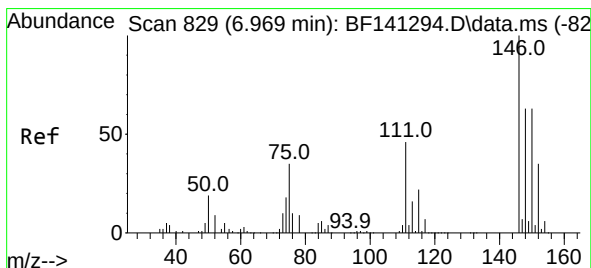
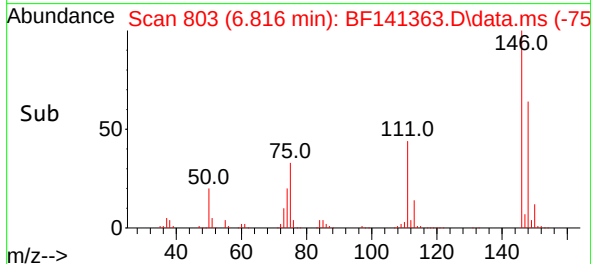
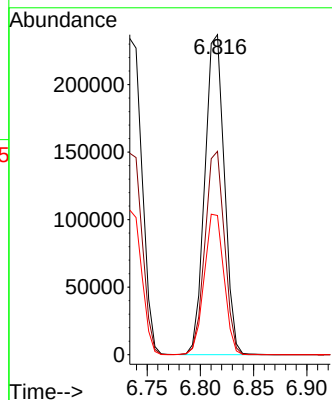
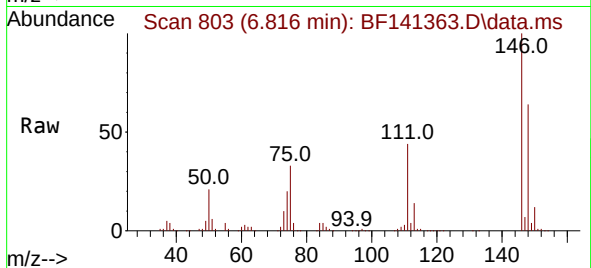




#13
1,4-Dichlorobenzene
Concen: 43.779 ng
RT: 6.816 min Scan# 803
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

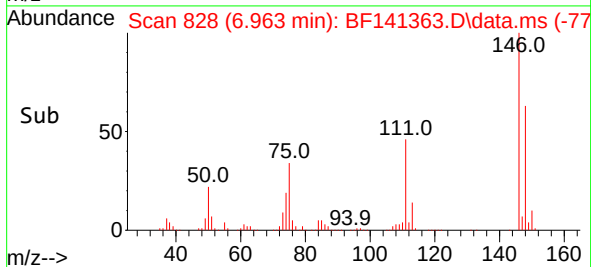
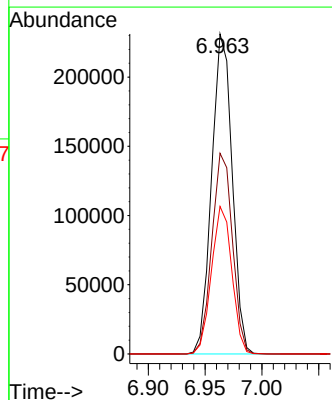
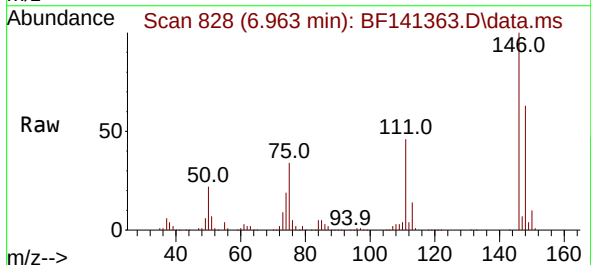
Instrument :
BNA_F
ClientSampleId :
PB166468BS

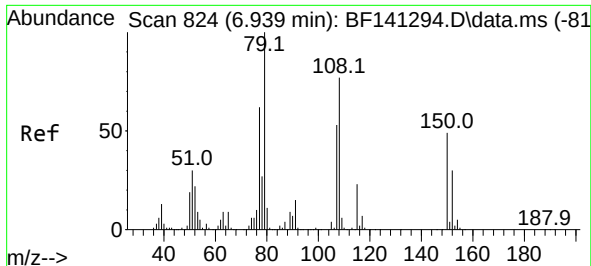
Tgt Ion:146 Resp: 302303
Ion Ratio Lower Upper
146 100
148 63.5 51.2 76.8
111 43.5 35.0 52.4



#14
1,2-Dichlorobenzene
Concen: 45.002 ng
RT: 6.963 min Scan# 828
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:146 Resp: 290981
Ion Ratio Lower Upper
146 100
148 62.7 50.5 75.7
111 46.1 36.6 55.0

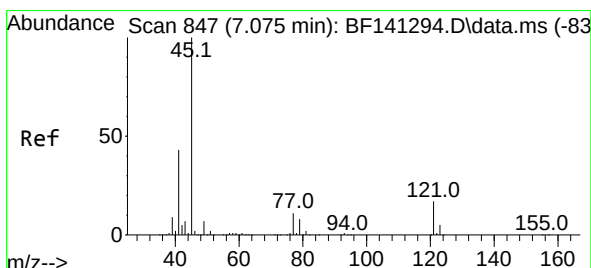
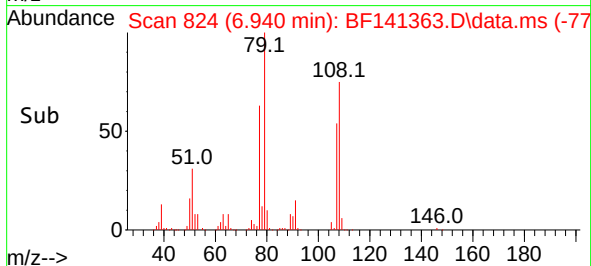
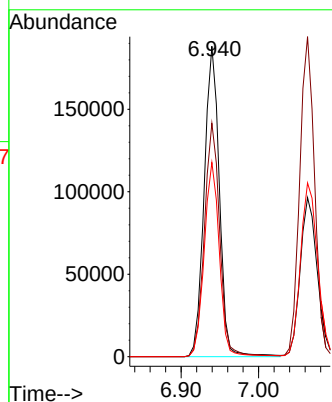
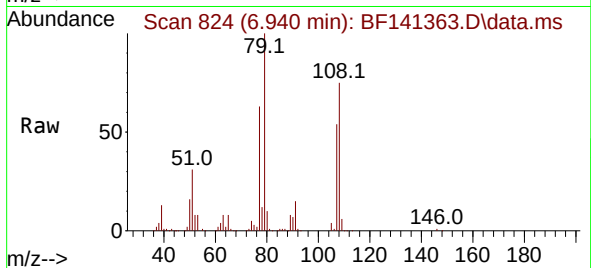




#15
Benzyl Alcohol
Concen: 50.645 ng
RT: 6.940 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

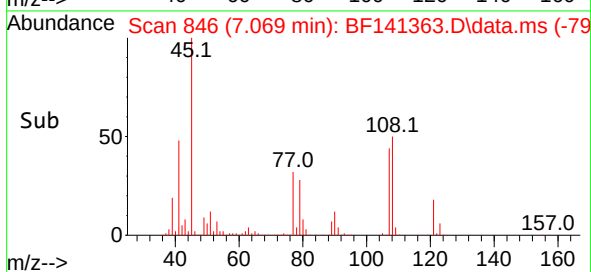
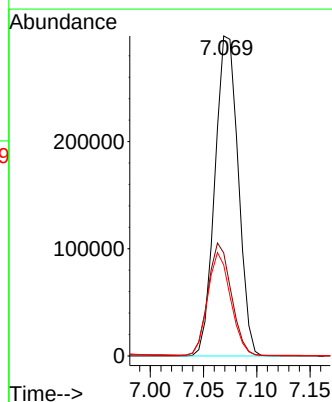
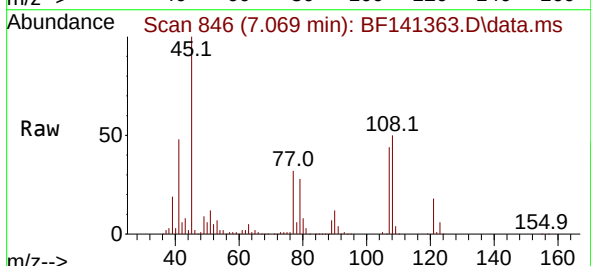
Instrument :
BNA_F
ClientSampleId :
PB166468BS

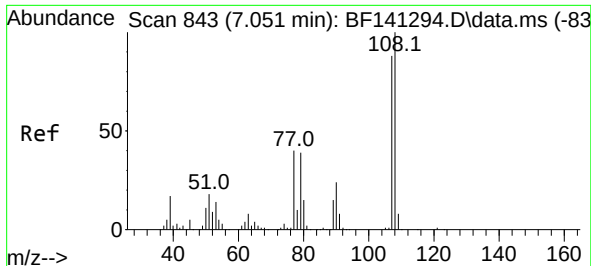
Tgt Ion: 79 Resp: 256081
Ion Ratio Lower Upper
79 100
108 75.2 61.4 92.0
77 62.6 49.9 74.9



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.425 ng
RT: 7.069 min Scan# 846
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 45 Resp: 454108
Ion Ratio Lower Upper
45 100
77 32.2 0.0 31.8#
79 28.5 0.0 29.1

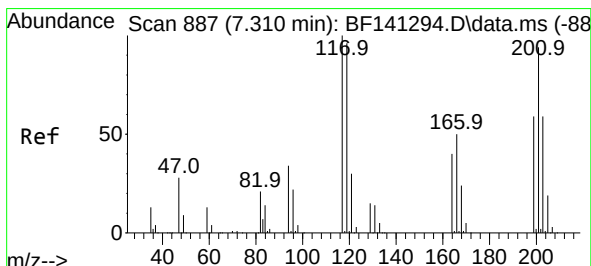
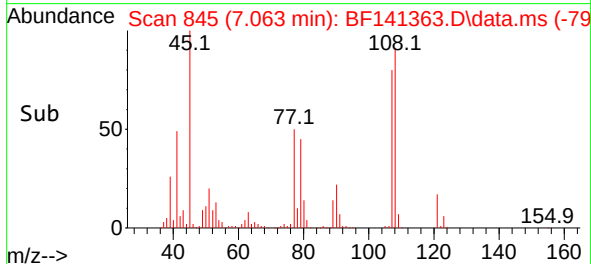
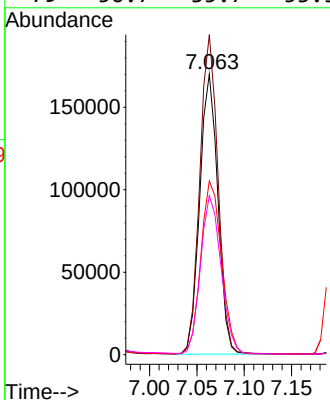
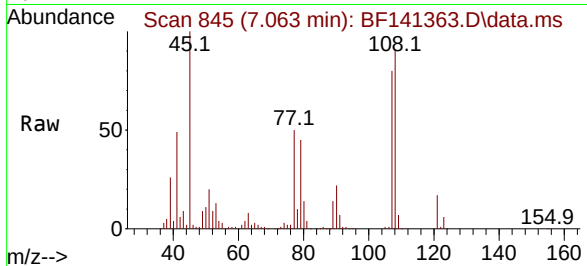




#17
2-Methylphenol
Concen: 44.731 ng
RT: 7.063 min Scan# 843
Delta R.T. 0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

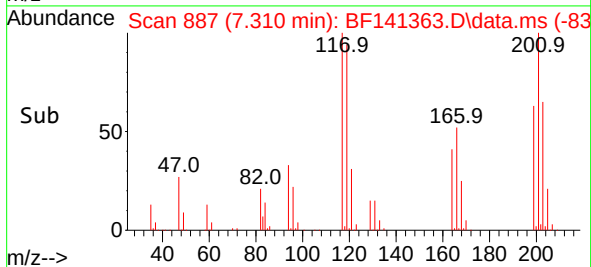
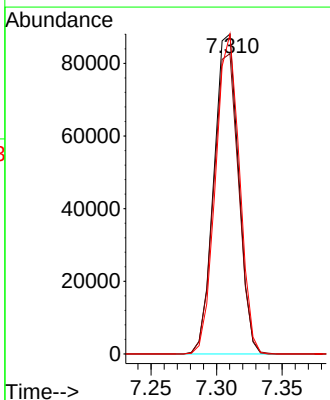
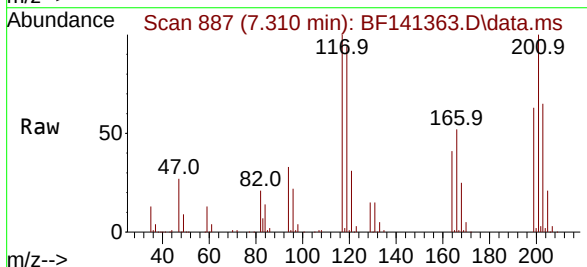
Instrument :
BNA_F
ClientSampleId :
PB166468BS

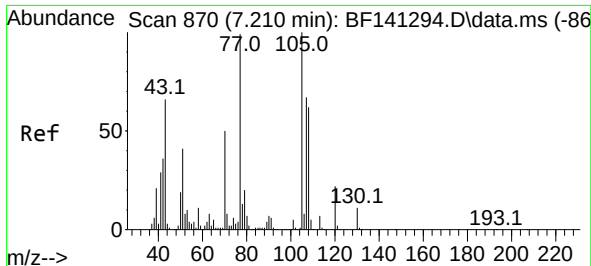
Tgt Ion:107 Resp: 226630
Ion Ratio Lower Upper
107 100
108 114.0 90.8 136.2
77 61.9 36.2 54.4#
79 56.7 35.7 53.5#



#18
Hexachloroethane
Concen: 44.997 ng
RT: 7.310 min Scan# 887
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:117 Resp: 114623
Ion Ratio Lower Upper
117 100
119 93.9 76.6 114.8
201 99.9 74.8 112.2





#19

n-Nitroso-di-n-propylamine

Concen: 46.367 ng

RT: 7.210 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

Tgt Ion: 70 Resp: 203852

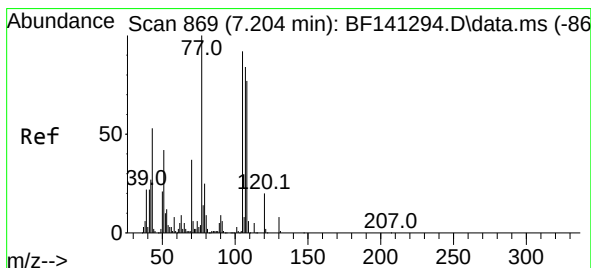
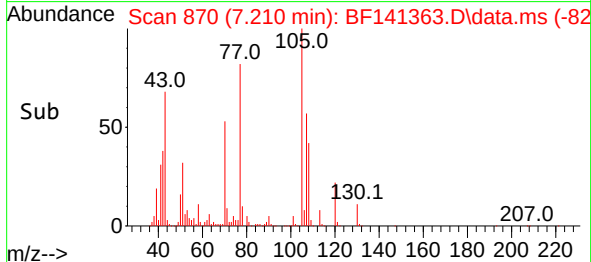
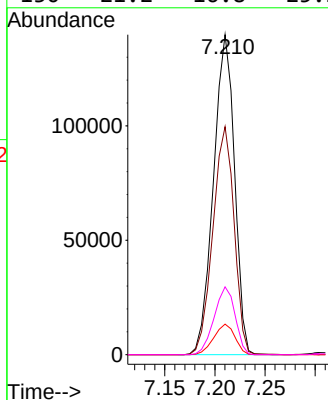
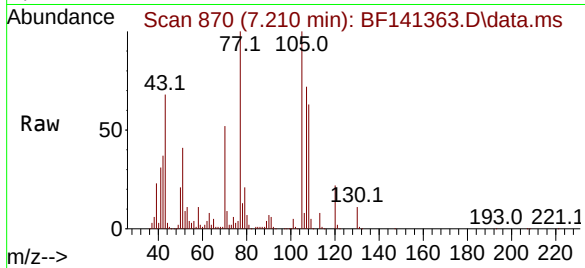
Ion Ratio Lower Upper

70 100

42 71.2 56.8 85.2

101 9.5 7.7 11.5

130 21.2 16.8 25.2



#20

3+4-Methylphenols

Concen: 47.983 ng

RT: 7.216 min Scan# 871

Delta R.T. -0.000 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Tgt Ion:107 Resp: 298496

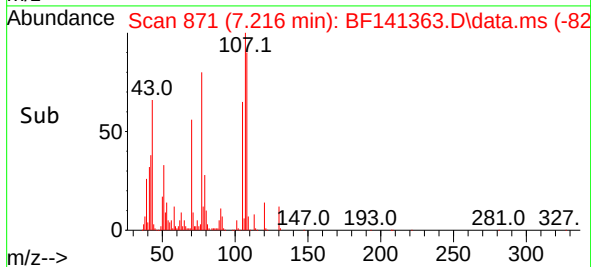
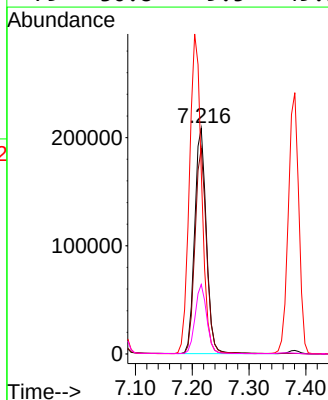
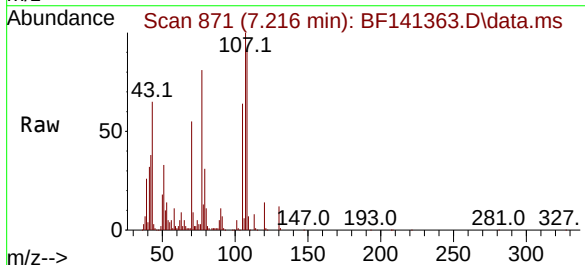
Ion Ratio Lower Upper

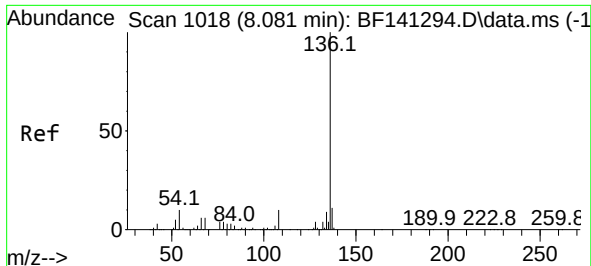
107 100

108 91.1 70.9 110.9

77 81.1 98.5 138.5#

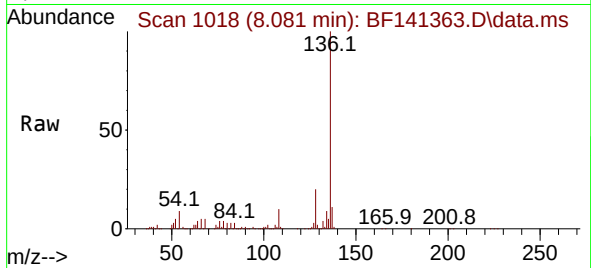
79 30.8 9.5 49.5



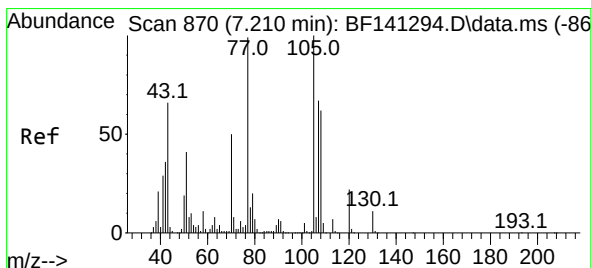
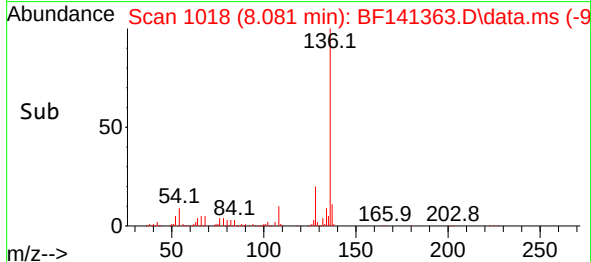
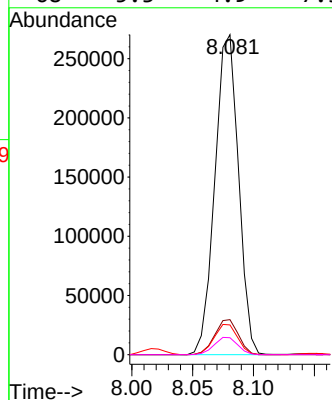


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB166468BS

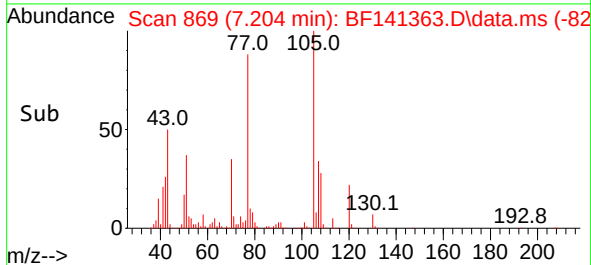
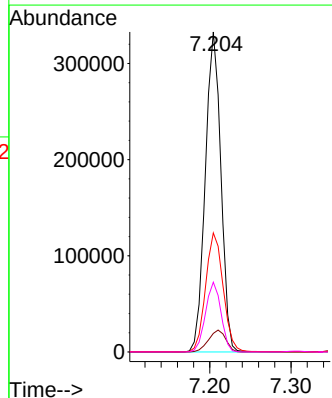
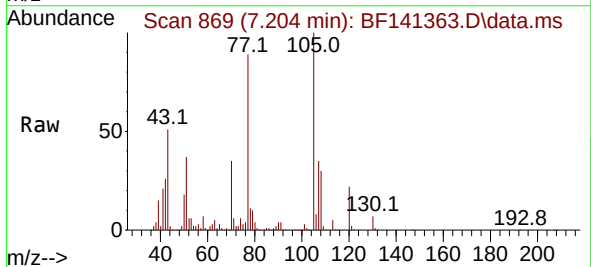


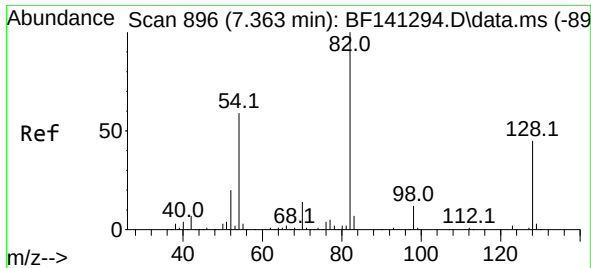
Tgt Ion:	136	Resp:	364890
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.6	13.0
54	9.3	7.8	11.8
68	5.3	4.9	7.3



#22
Acetophenone
Concen: 51.158 ng
RT: 7.204 min Scan# 869
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:	105	Resp:	443710
Ion Ratio	Lower	Upper	
105	100		
71	5.8	6.8	10.2
51	37.2	32.6	49.0
120	21.8	17.4	26.0

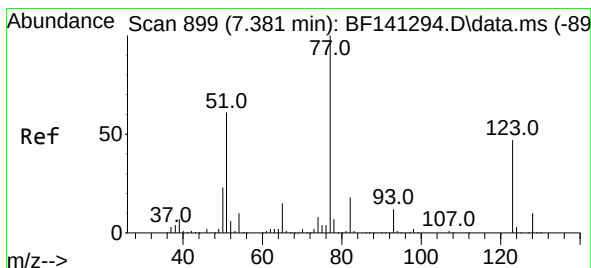
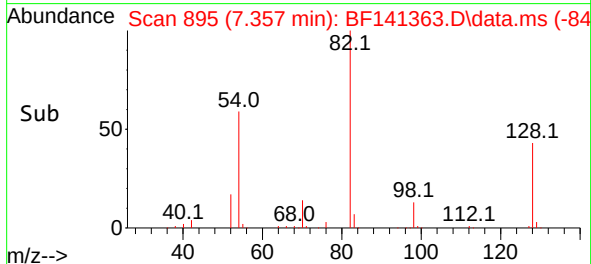
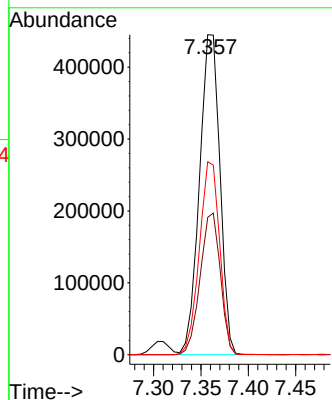
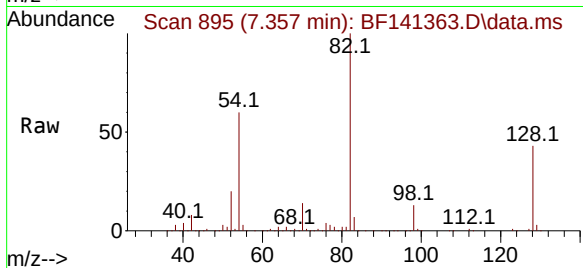




#23
Nitrobenzene-d5
Concen: 96.464 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

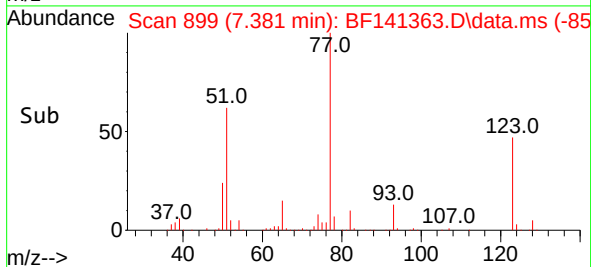
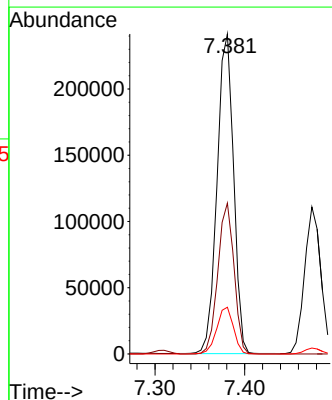
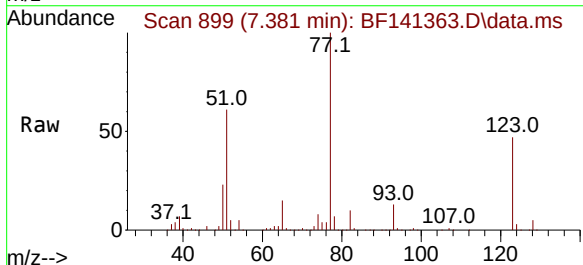
Instrument :
BNA_F
ClientSampleId :
PB166468BS

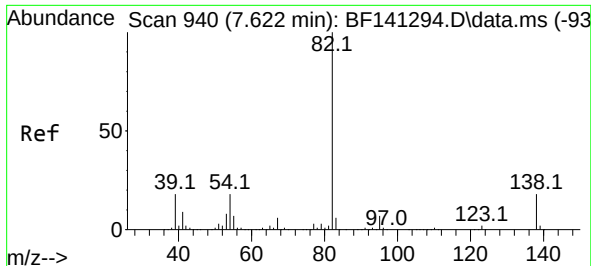
Tgt Ion: 82 Resp: 667702
Ion Ratio Lower Upper
82 100
128 42.9 35.7 53.5
54 60.3 47.1 70.7



#24
Nitrobenzene
Concen: 43.008 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 77 Resp: 308497
Ion Ratio Lower Upper
77 100
123 47.2 37.3 55.9
65 14.6 11.8 17.6

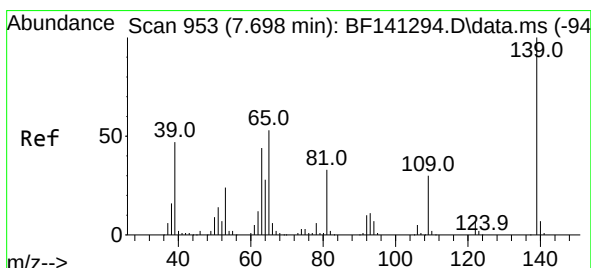
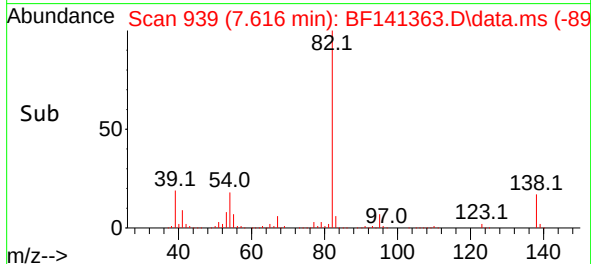
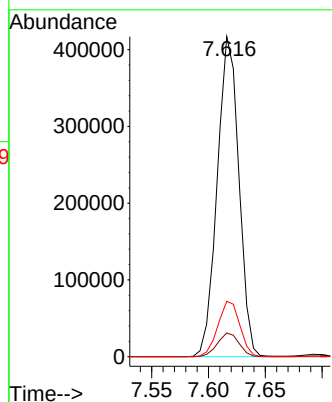
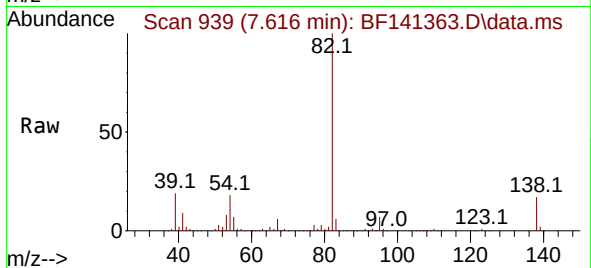




#25
Isophorone
Concen: 46.315 ng
RT: 7.616 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

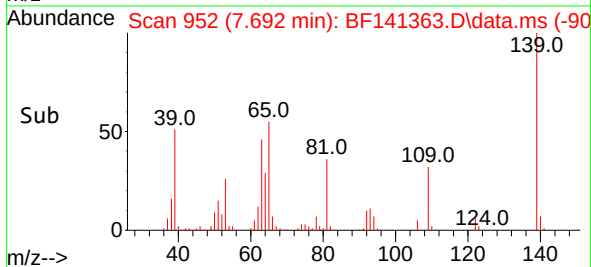
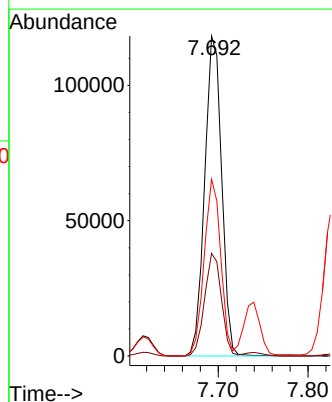
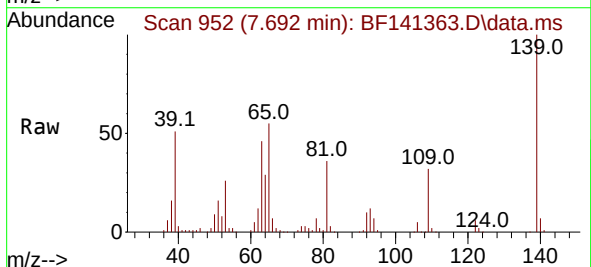
Instrument :
BNA_F
ClientSampleId :
PB166468BS

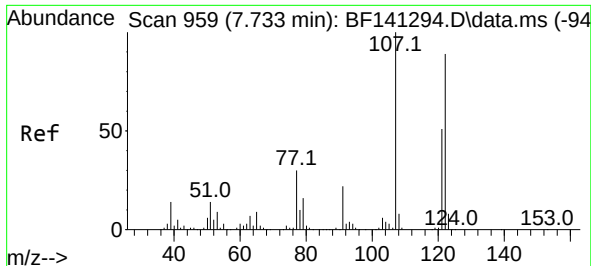
Tgt Ion: 82 Resp: 554160
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.6
138 17.3 14.7 22.1



#26
2-Nitrophenol
Concen: 45.929 ng
RT: 7.692 min Scan# 952
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:139 Resp: 155376
Ion Ratio Lower Upper
139 100
109 32.1 23.8 35.6
65 55.2 42.2 63.4





#27

2,4-Dimethylphenol

Concen: 55.480 ng

RT: 7.740 min Scan# 9

Delta R.T. -0.000 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

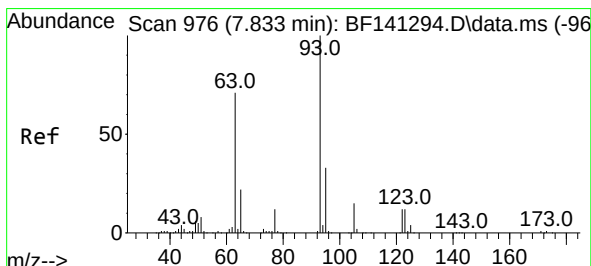
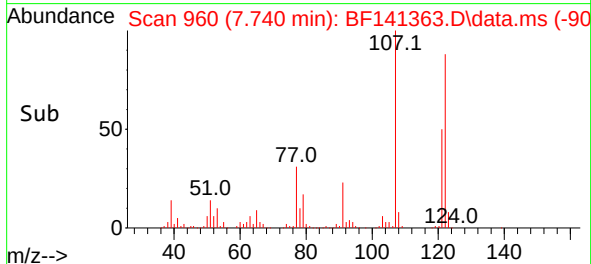
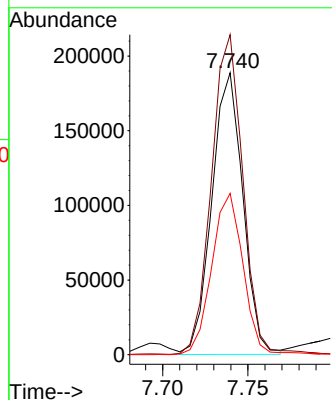
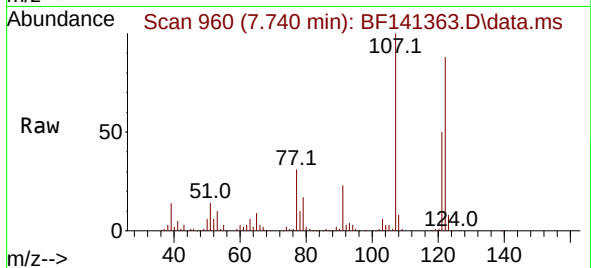
Tgt Ion:122 Resp: 238891

Ion Ratio Lower Upper

122 100

107 113.5 89.9 134.9

121 57.2 46.1 69.1



#28

bis(2-Chloroethoxy)methane

Concen: 44.399 ng

RT: 7.828 min Scan# 975

Delta R.T. -0.012 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

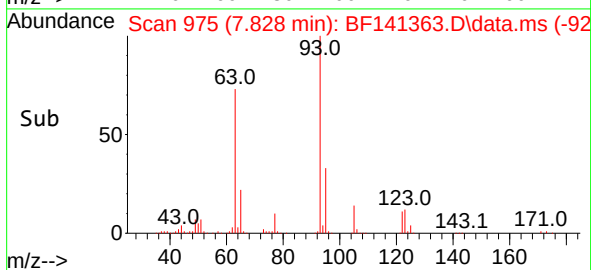
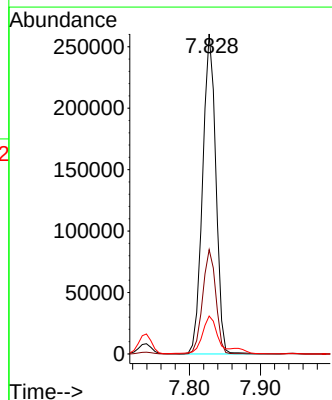
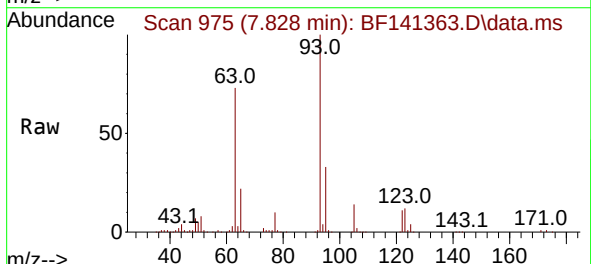
Tgt Ion: 93 Resp: 338852

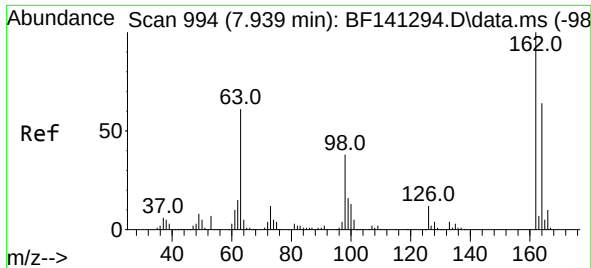
Ion Ratio Lower Upper

93 100

95 32.6 26.2 39.2

123 11.8 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 46.381 ng

RT: 7.945 min Scan# 994

Delta R.T. -0.000 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

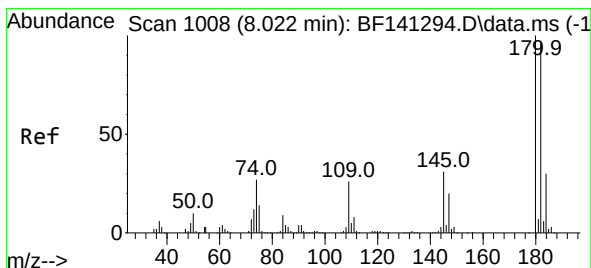
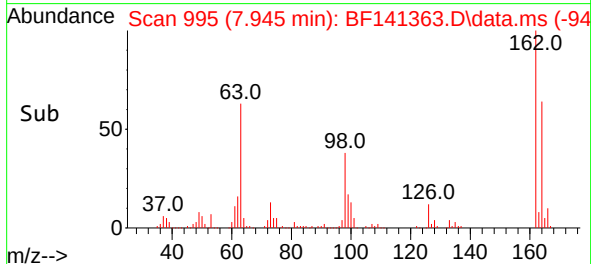
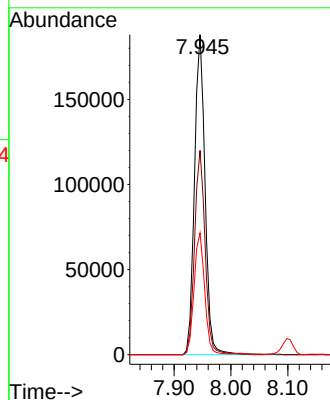
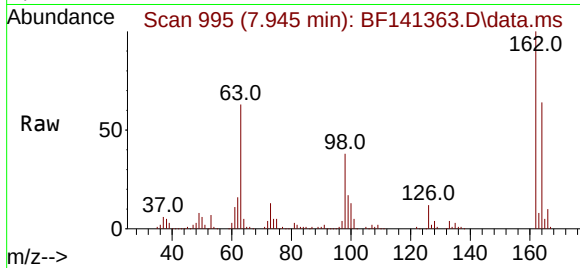
Tgt Ion:162 Resp: 244494

Ion Ratio Lower Upper

162 100

164 63.9 44.2 84.2

98 38.1 18.2 58.2



#30

1,2,4-Trichlorobenzene

Concen: 43.319 ng

RT: 8.022 min Scan# 1008

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

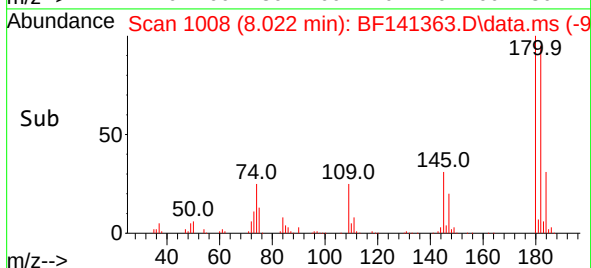
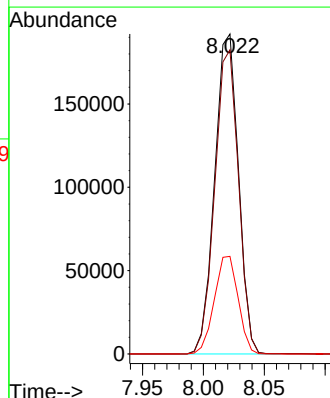
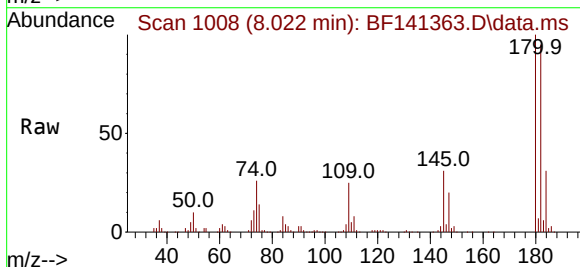
Tgt Ion:180 Resp: 260784

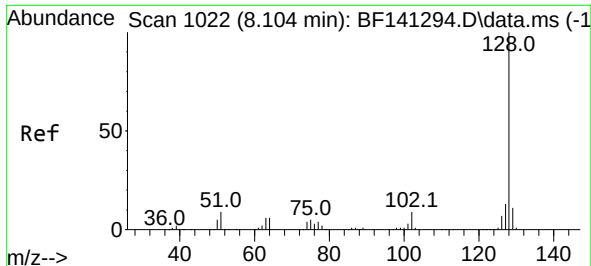
Ion Ratio Lower Upper

180 100

182 95.1 76.4 114.6

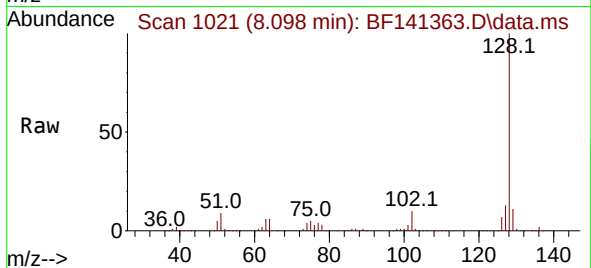
145 30.5 24.9 37.3



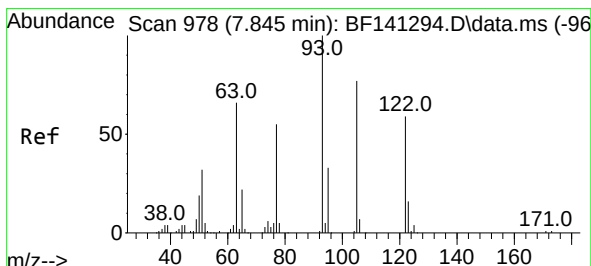
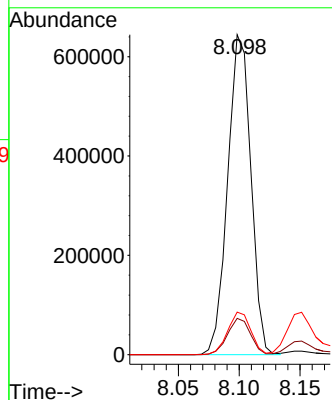
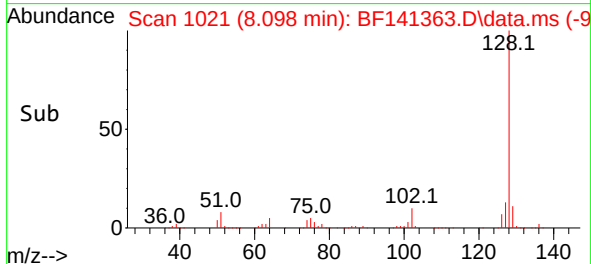


#31
Naphthalene
Concen: 44.290 ng
RT: 8.098 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB166468BS

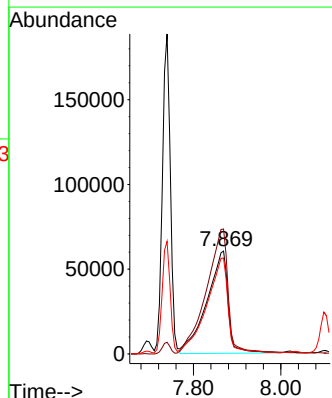
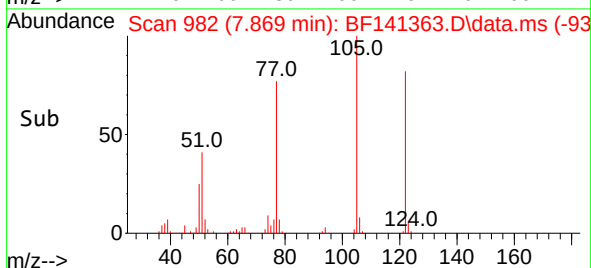
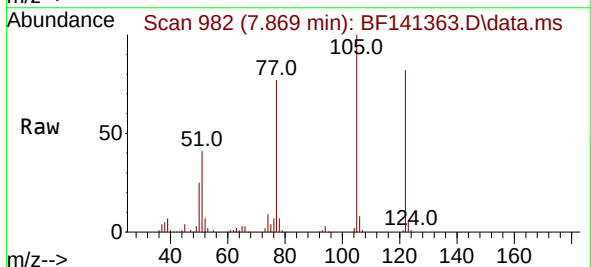


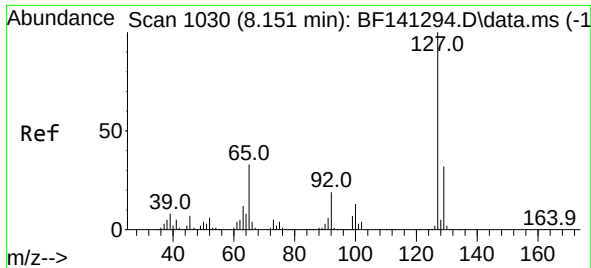
Tgt Ion:128 Resp: 853750
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 13.3 10.6 15.8



#32
Benzoic acid
Concen: 51.720 ng
RT: 7.869 min Scan# 982
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:122 Resp: 204723
Ion Ratio Lower Upper
122 100
105 121.5 103.4 143.4
77 93.3 70.9 110.9

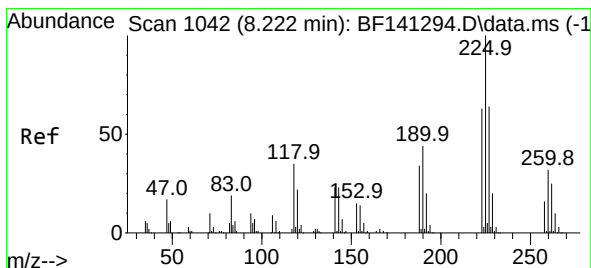
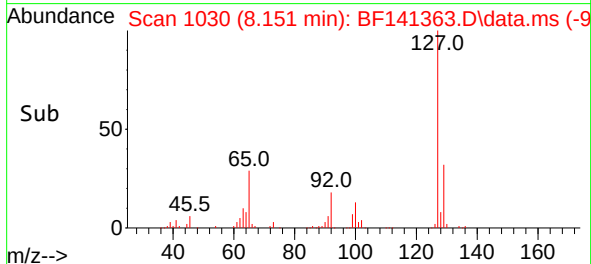
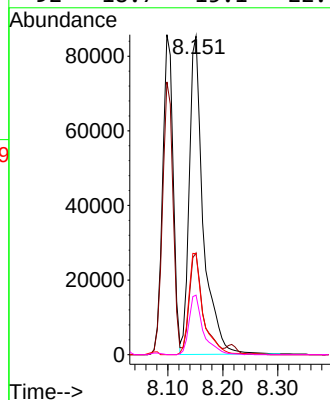
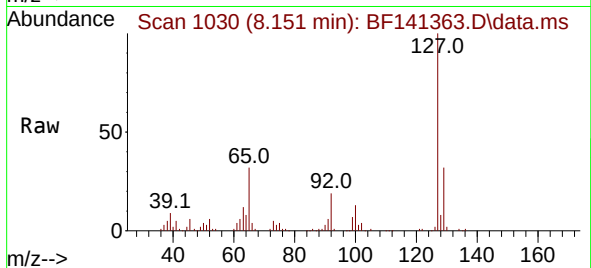




#33
4-Chloroaniline
Concen: 23.011 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

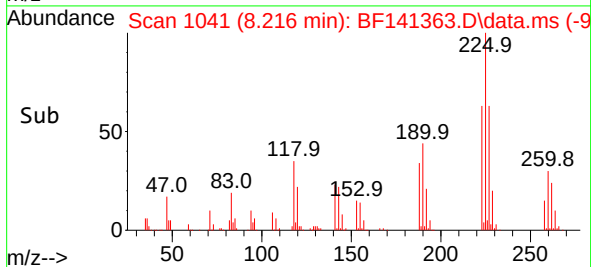
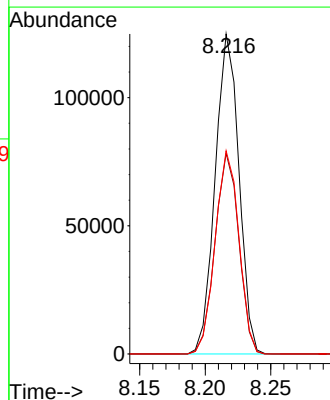
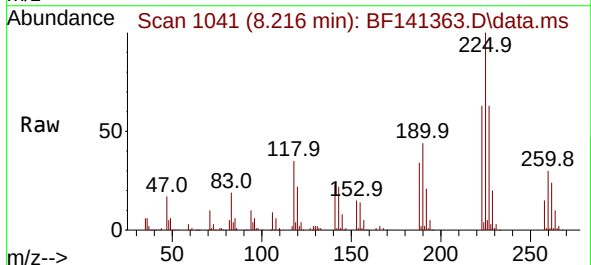
Instrument :
BNA_F
ClientSampleId :
PB166468BS

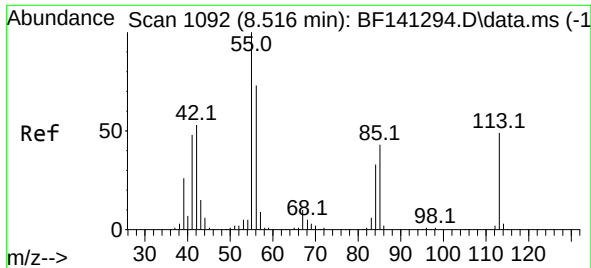
Tgt Ion:127	Resp: 150417
Ion Ratio	Lower Upper
127 100	
129 32.0	25.7 38.5
65 31.8	26.4 39.6
92 18.7	15.1 22.7



#34
Hexachlorobutadiene
Concen: 44.525 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:225	Resp: 157188
Ion Ratio	Lower Upper
225 100	
223 62.7	50.4 75.6
227 63.5	51.3 76.9

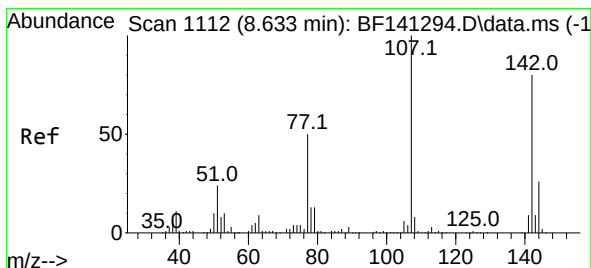
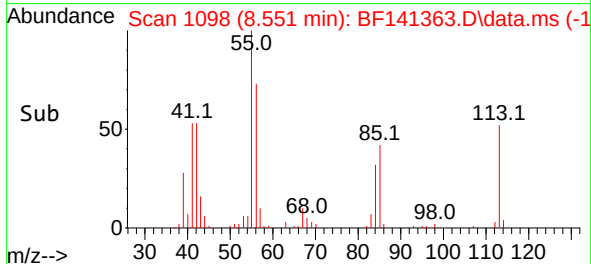
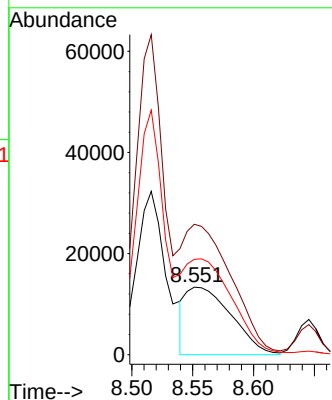
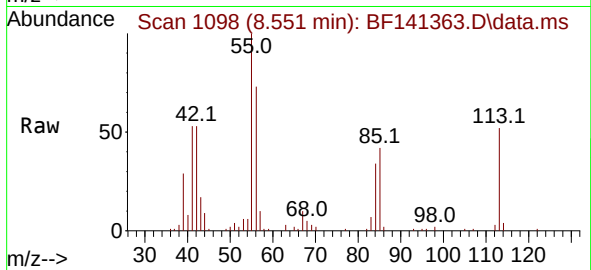




#35
 Caprolactam
 Concen: 20.175 ng
 RT: 8.551 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

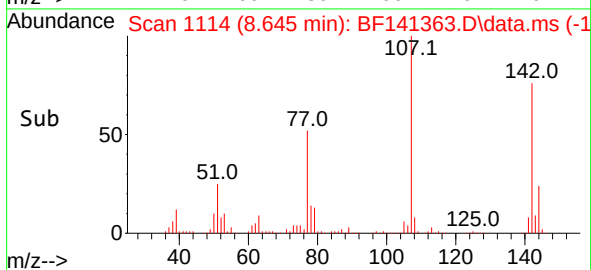
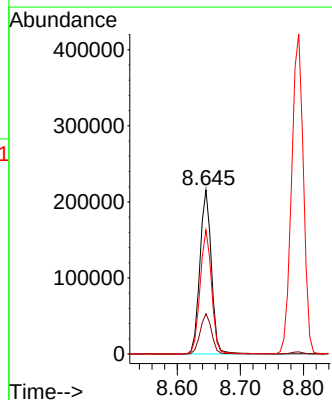
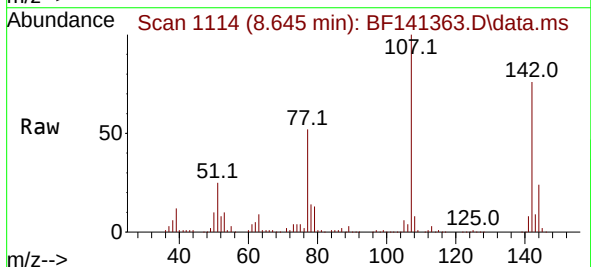
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

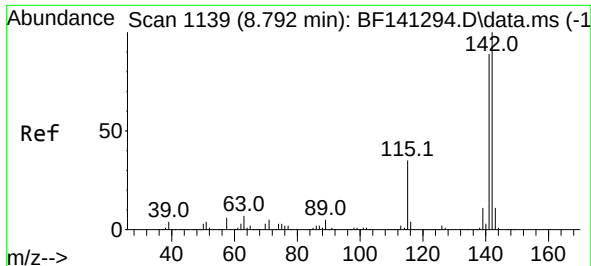
Tgt Ion:113 Resp: 34733
 Ion Ratio Lower Upper
 113 100
 55 193.3 182.9 222.9
 56 141.3 127.9 167.9



#36
 4-Chloro-3-methylphenol
 Concen: 48.434 ng
 RT: 8.645 min Scan# 1114
 Delta R.T. 0.006 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

Tgt Ion:107 Resp: 273859
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.7 31.1
 142 75.6 63.8 95.8

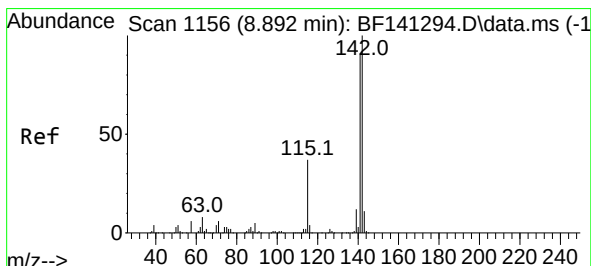
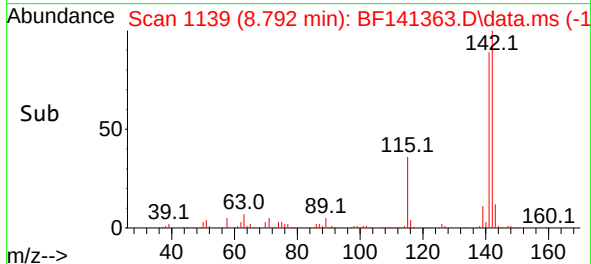
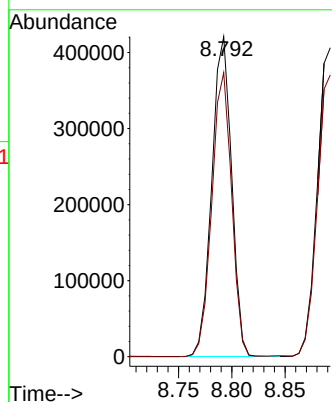
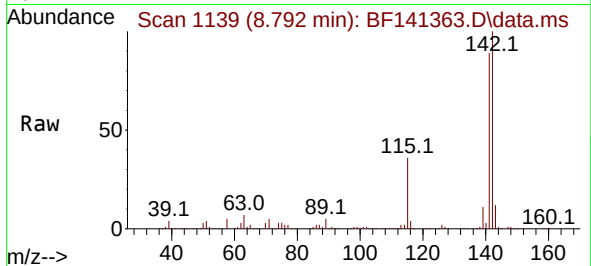




#37
2-Methylnaphthalene
Concen: 44.486 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

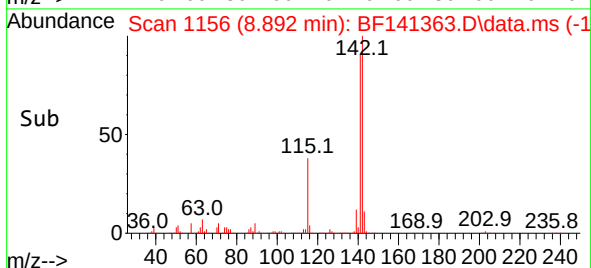
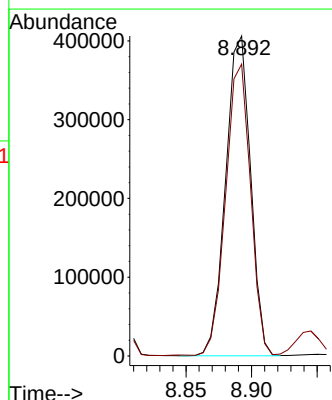
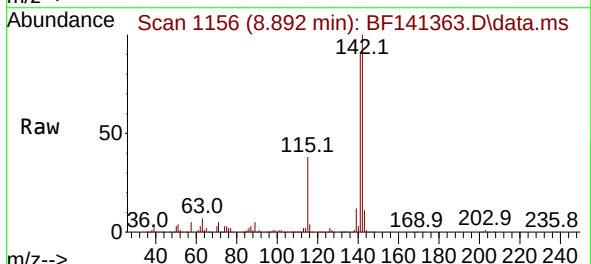
Instrument :
BNA_F
ClientSampleId :
PB166468BS

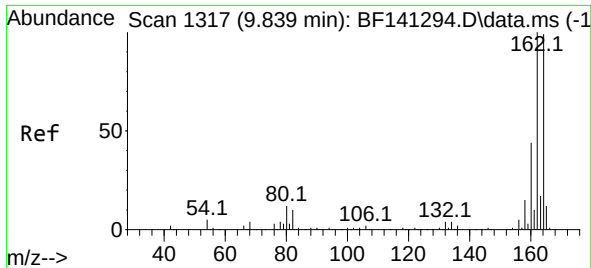
Tgt Ion:142 Resp: 545029
Ion Ratio Lower Upper
142 100
141 88.7 71.3 106.9



#38
1-Methylnaphthalene
Concen: 44.661 ng
RT: 8.892 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:142 Resp: 537486
Ion Ratio Lower Upper
142 100
141 91.2 73.2 109.8

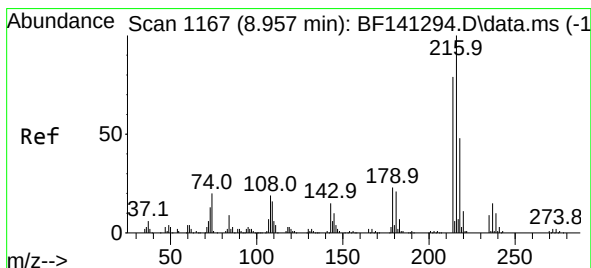
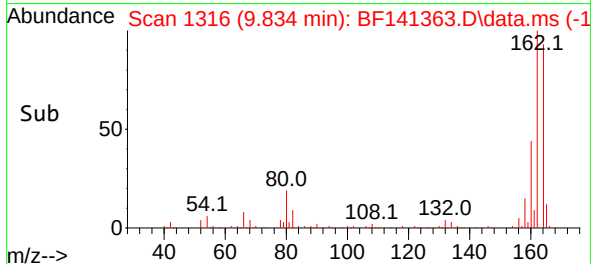
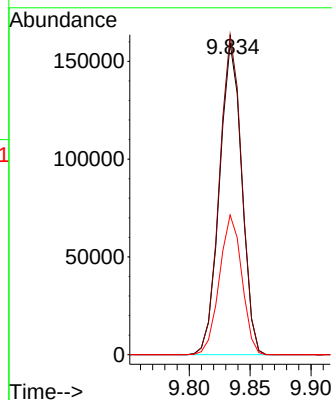
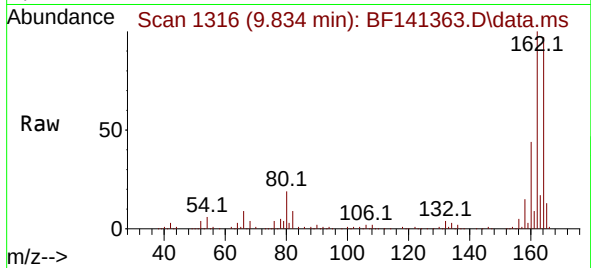




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

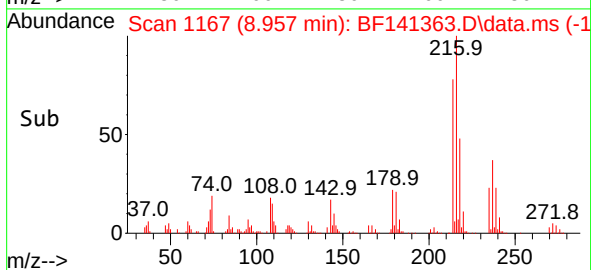
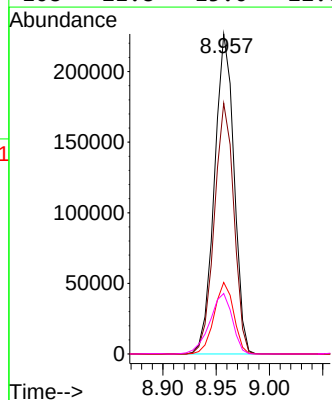
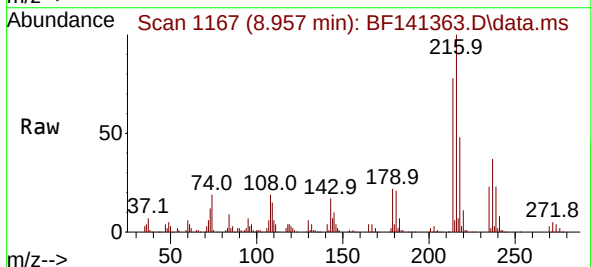
Instrument :
BNA_F
ClientSampleId :
PB166468BS

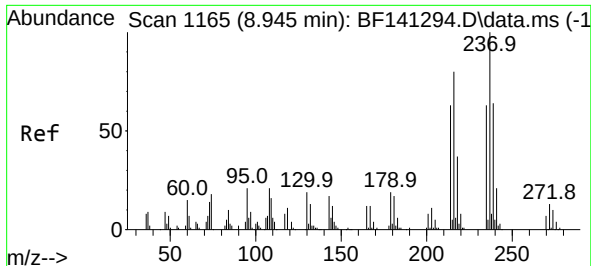
Tgt Ion:164 Resp: 202577
Ion Ratio Lower Upper
164 100
162 102.7 80.6 121.0
160 44.9 35.8 53.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.230 ng
RT: 8.957 min Scan# 1167
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

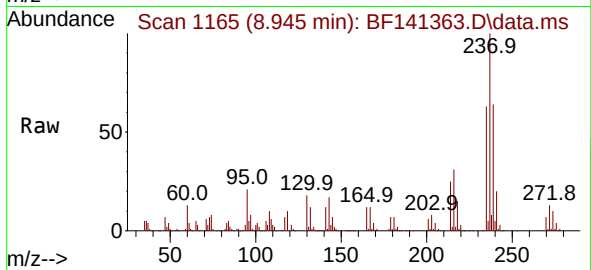
Tgt Ion:216 Resp: 289481
Ion Ratio Lower Upper
216 100
214 78.0 63.2 94.8
179 22.3 17.8 26.8
108 21.8 15.0 22.6



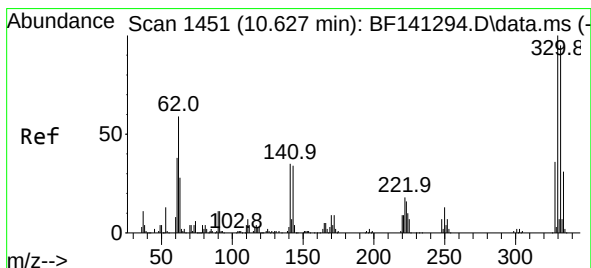
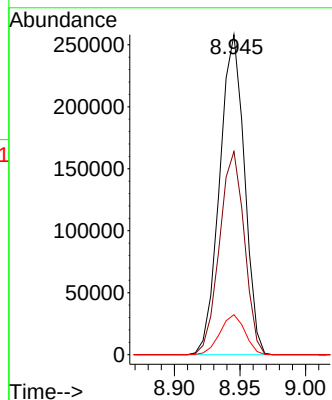
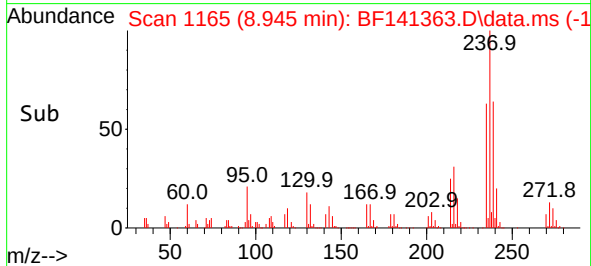


#41
Hexachlorocyclopentadiene
Concen: 199.332 ng
RT: 8.945 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

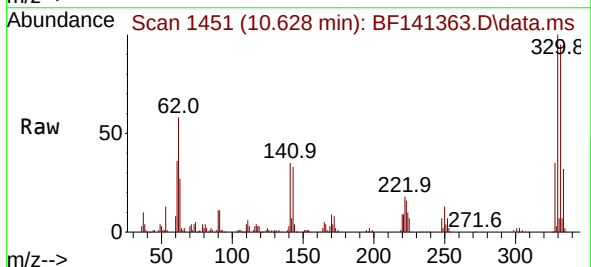
Instrument :
BNA_F
ClientSampleId :
PB166468BS



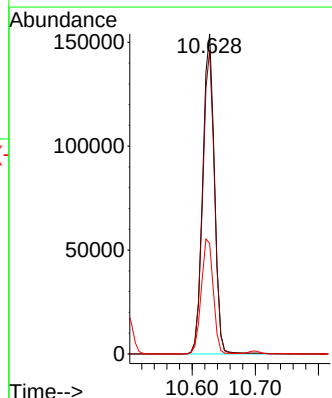
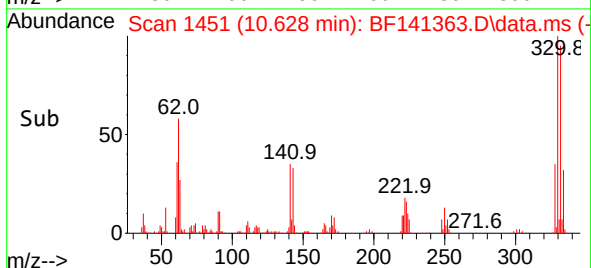
Tgt Ion:237 Resp: 339264
Ion Ratio Lower Upper
237 100
235 63.5 42.9 82.9
272 12.5 0.0 32.8

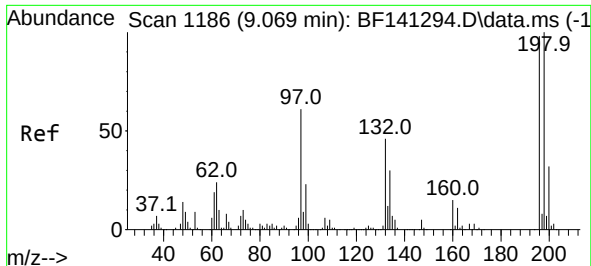


#42
2,4,6-Tribromophenol
Concen: 106.316 ng
RT: 10.628 min Scan# 1451
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18



Tgt Ion:330 Resp: 197446
Ion Ratio Lower Upper
330 100
332 95.2 76.1 114.1
141 37.0 28.8 43.2





#43

2,4,6-Trichlorophenol

Concen: 47.437 ng

RT: 9.075 min Scan# 1186

Delta R.T. -0.000 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

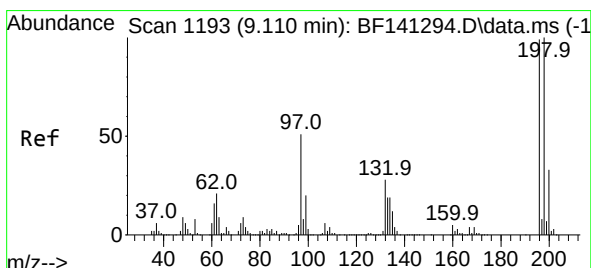
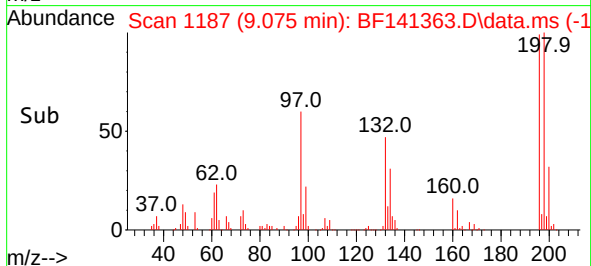
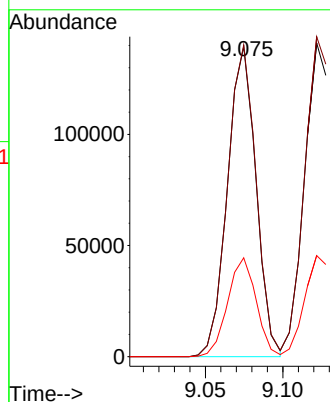
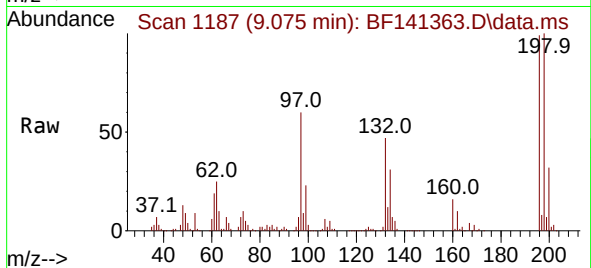
Tgt Ion:196 Resp: 178940

Ion Ratio Lower Upper

196 100

198 100.6 81.8 122.6

200 31.9 26.3 39.5



#44

2,4,5-Trichlorophenol

Concen: 46.167 ng

RT: 9.122 min Scan# 1195

Delta R.T. 0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Tgt Ion:196 Resp: 189539

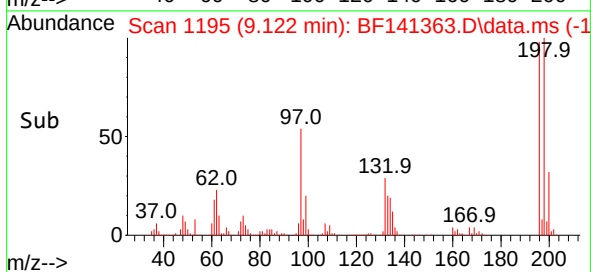
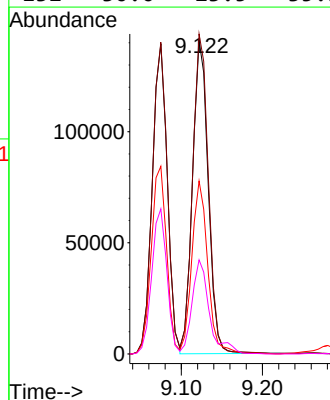
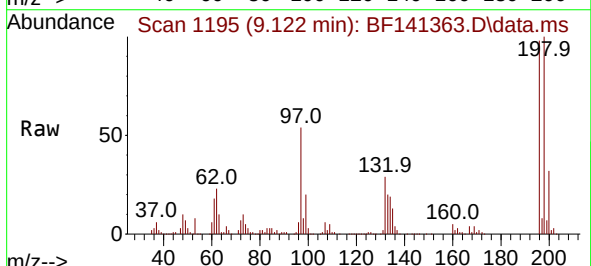
Ion Ratio Lower Upper

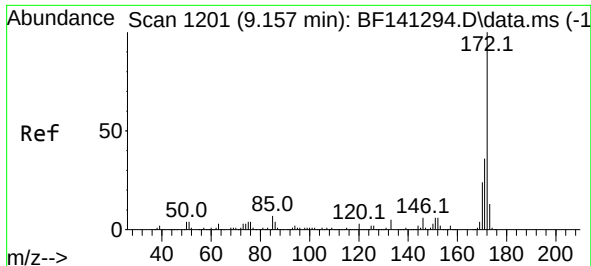
196 100

198 102.0 80.5 120.7

97 55.2 42.8 64.2

132 30.0 23.5 35.3

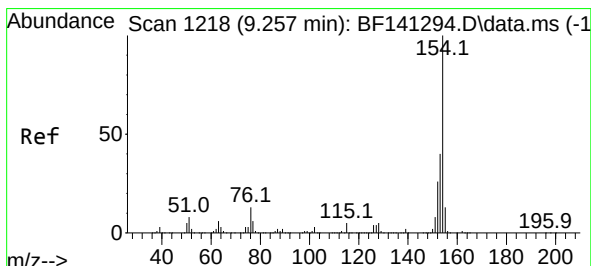
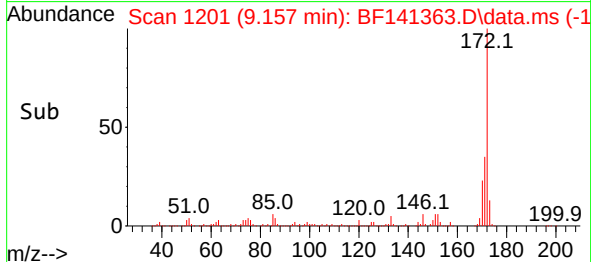
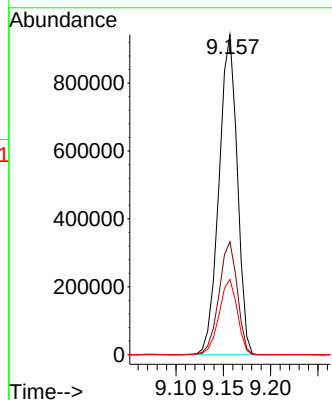
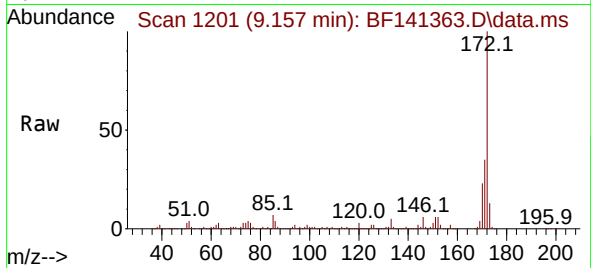




#45
2-Fluorobiphenyl
Concen: 96.188 ng
RT: 9.157 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

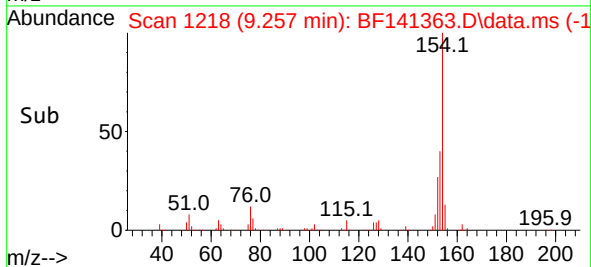
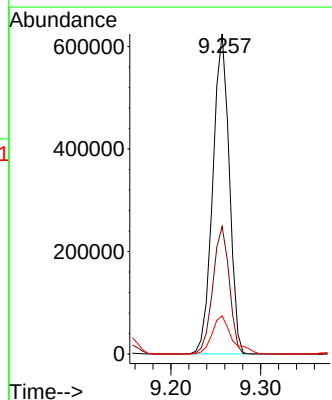
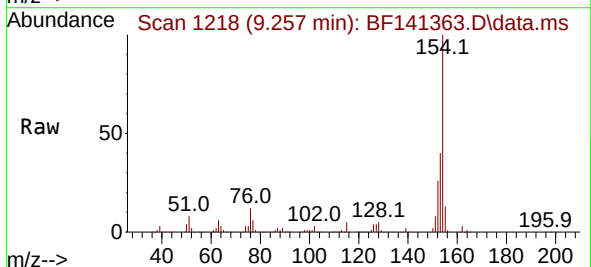
Instrument :
BNA_F
ClientSampleId :
PB166468BS

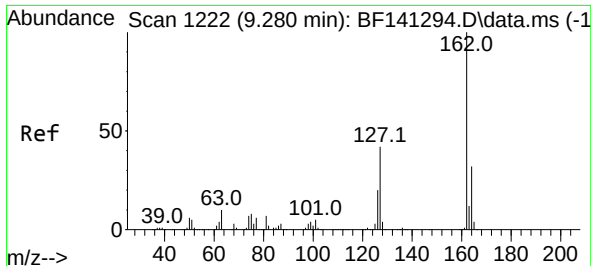
Tgt Ion:172 Resp: 1265951
Ion Ratio Lower Upper
172 100
171 35.3 28.8 43.2
170 23.5 19.0 28.6



#46
1,1'-Biphenyl
Concen: 50.316 ng
RT: 9.257 min Scan# 1218
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:154 Resp: 794919
Ion Ratio Lower Upper
154 100
153 39.9 20.0 60.0
76 11.9 0.0 32.8

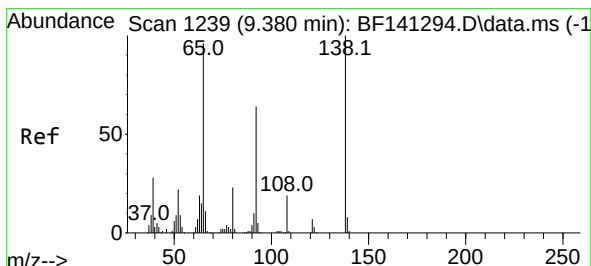
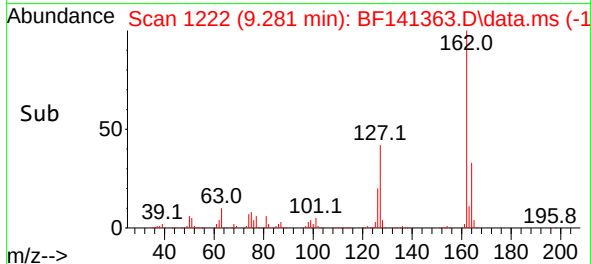
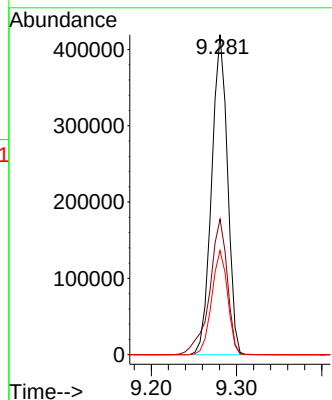
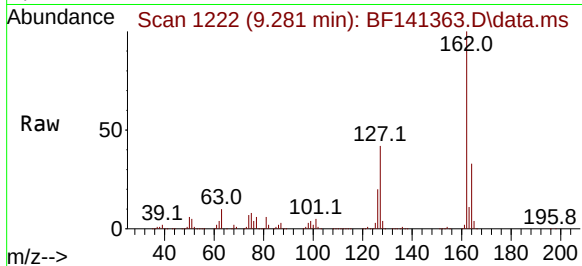




#47
2-Chloronaphthalene
Concen: 44.059 ng
RT: 9.281 min Scan# 1222
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

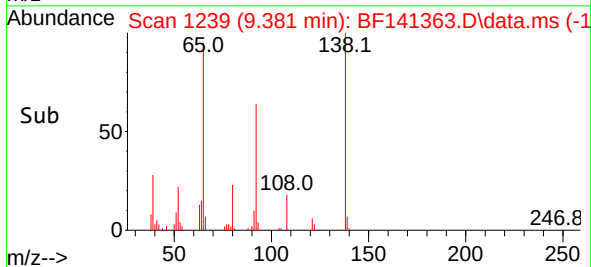
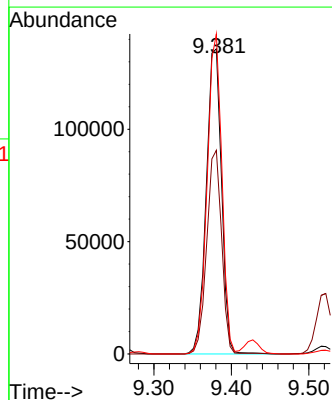
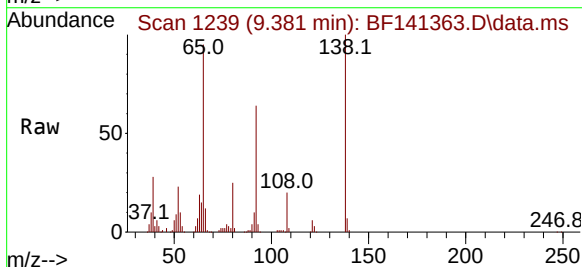
Instrument :
BNA_F
ClientSampleId :
PB166468BS

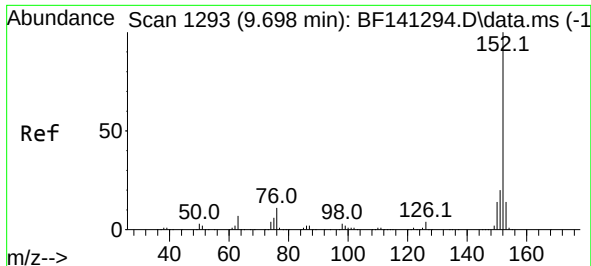
Tgt Ion:162 Resp: 542545
Ion Ratio Lower Upper
162 100
127 42.4 33.7 50.5
164 32.5 25.9 38.9



#48
2-Nitroaniline
Concen: 47.833 ng
RT: 9.381 min Scan# 1239
Delta R.T. -0.000 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion: 65 Resp: 185272
Ion Ratio Lower Upper
65 100
92 66.7 53.3 79.9
138 104.9 83.6 125.4





#49

Acenaphthylene

Concen: 48.991 ng

RT: 9.698 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

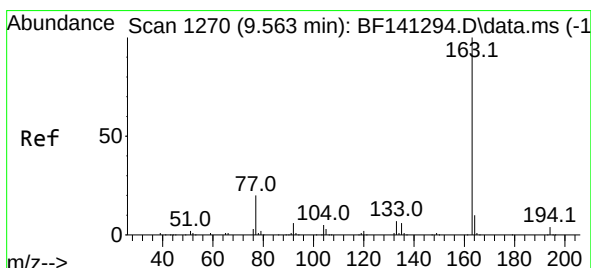
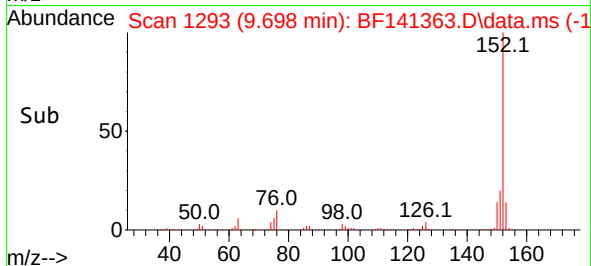
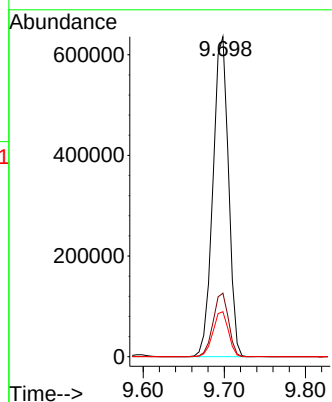
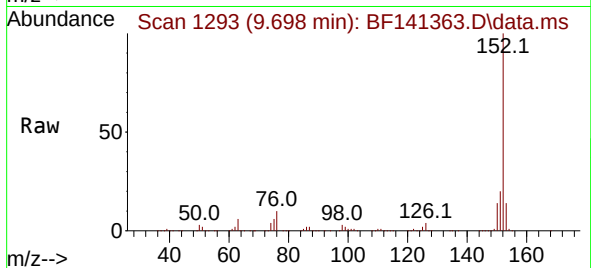
Tgt Ion:152 Resp: 844481

Ion Ratio Lower Upper

152 100

151 19.8 16.2 24.2

153 14.1 11.0 16.6



#50

Dimethylphthalate

Concen: 46.929 ng

RT: 9.557 min Scan# 1269

Delta R.T. -0.012 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

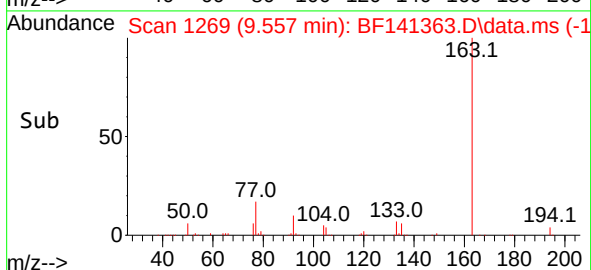
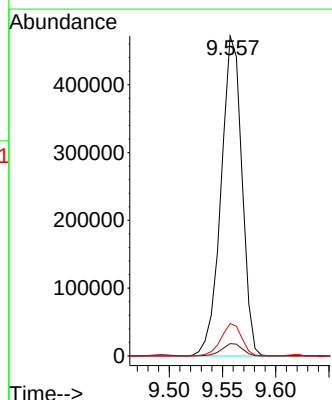
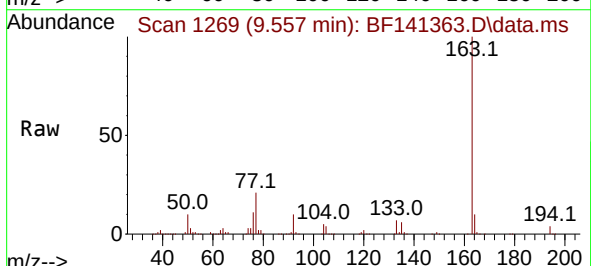
Tgt Ion:163 Resp: 642076

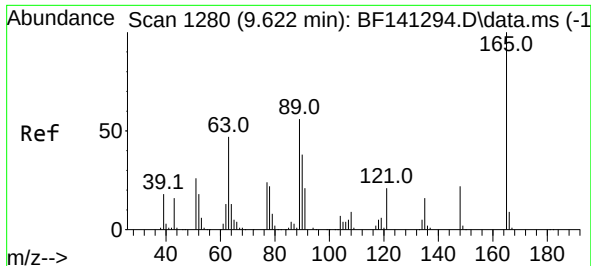
Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

164 10.1 8.0 12.0

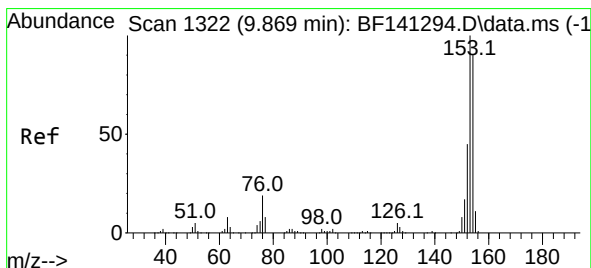
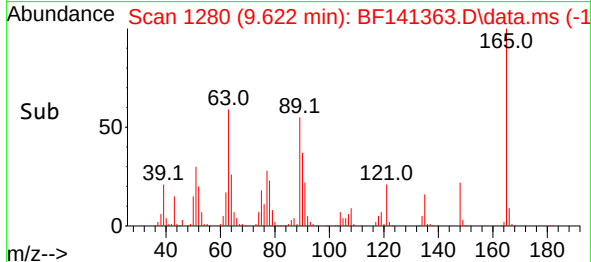
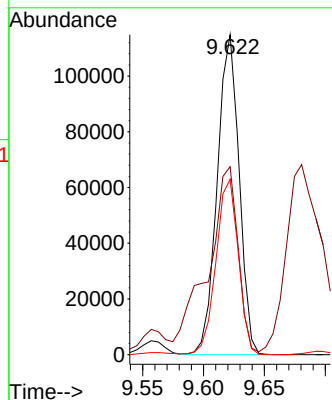
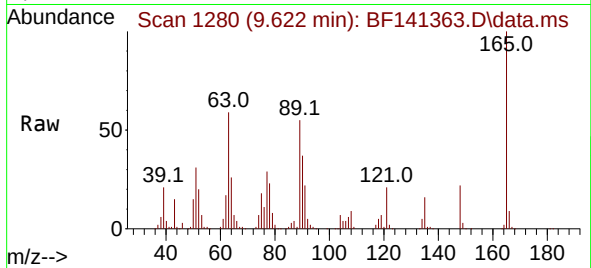




#51
2,6-Dinitrotoluene
Concen: 45.277 ng
RT: 9.622 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

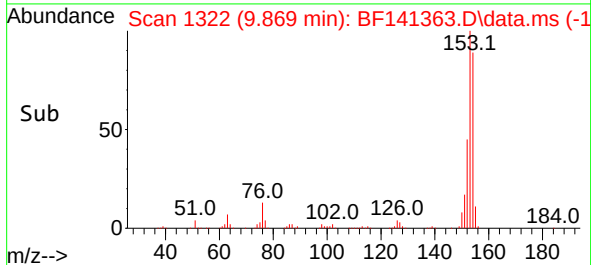
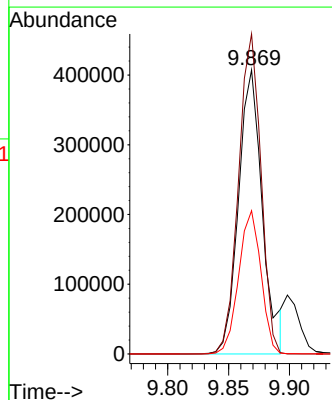
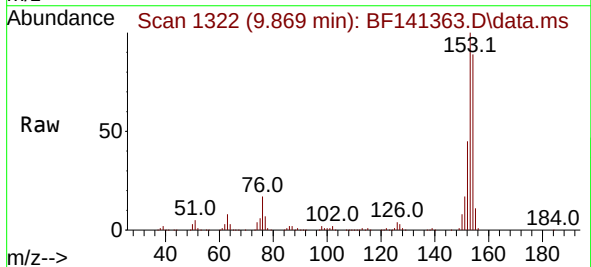
Instrument :
BNA_F
ClientSampleId :
PB166468BS

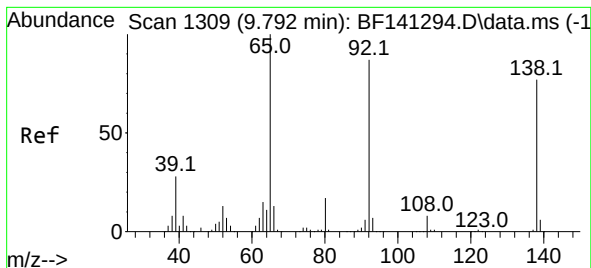
Tgt Ion:165 Resp: 143836
Ion Ratio Lower Upper
165 100
63 58.8 48.1 72.1
89 54.8 44.9 67.3



#52
Acenaphthene
Concen: 45.211 ng
RT: 9.869 min Scan# 1322
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:154 Resp: 556756
Ion Ratio Lower Upper
154 100
153 112.7 89.0 133.4
152 50.4 40.2 60.4





#53

3-Nitroaniline

Concen: 26.996 ng

RT: 9.786 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

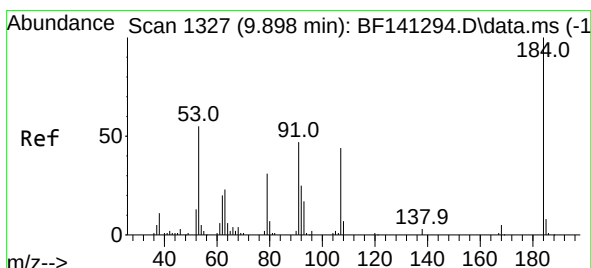
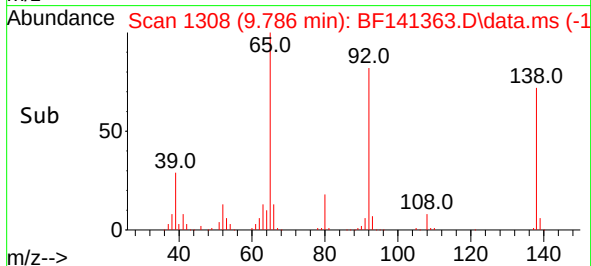
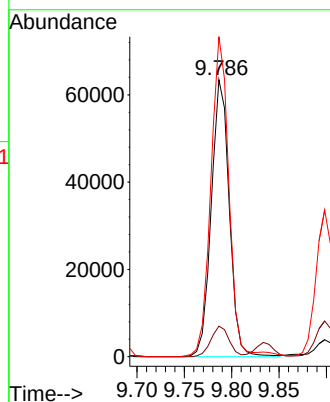
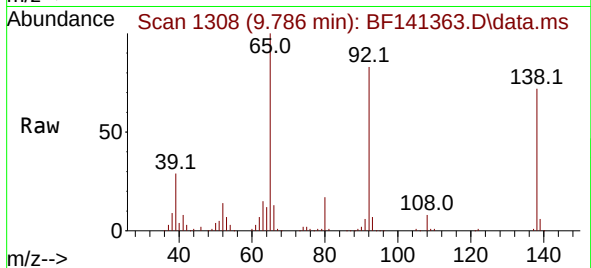
Tgt Ion:138 Resp: 84056

Ion Ratio Lower Upper

138 100

108 11.1 8.6 12.8

92 115.5 91.0 136.6



#54

2,4-Dinitrophenol

Concen: 114.102 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

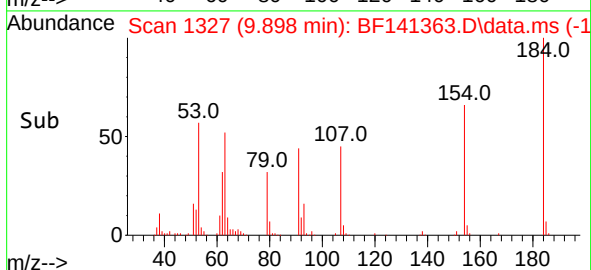
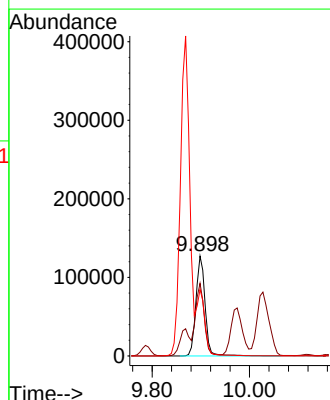
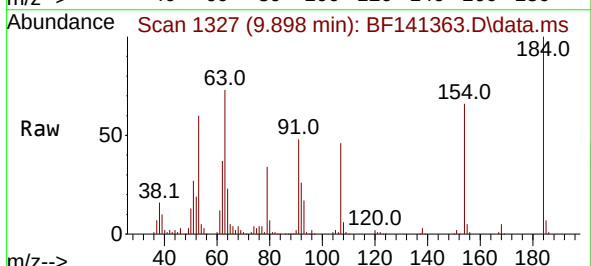
Tgt Ion:184 Resp: 168500

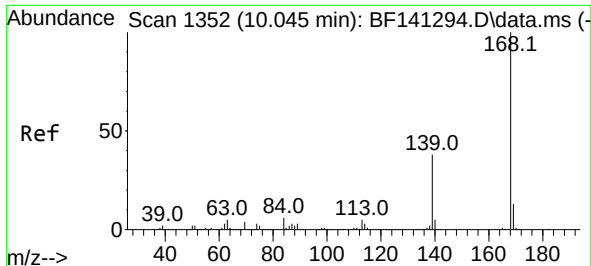
Ion Ratio Lower Upper

184 100

63 72.8 54.1 81.1

154 66.5 50.7 76.1

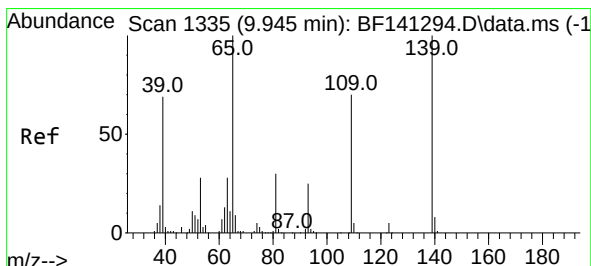
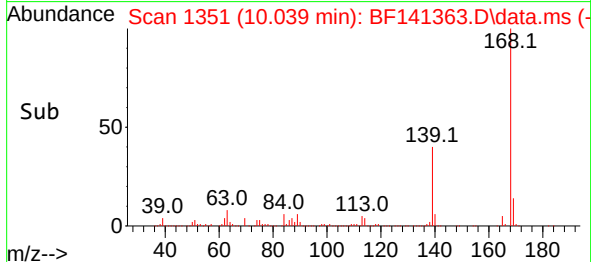
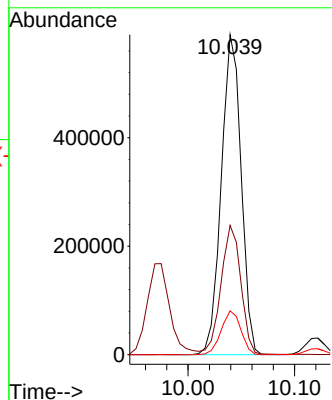
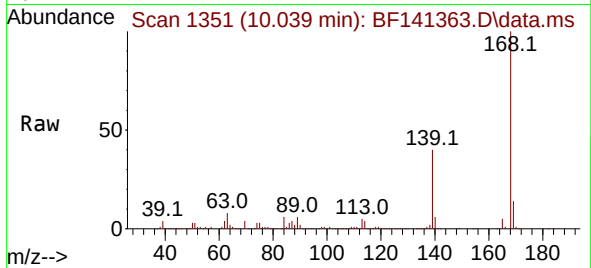




#55
Dibenzenofuran
Concen: 46.195 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

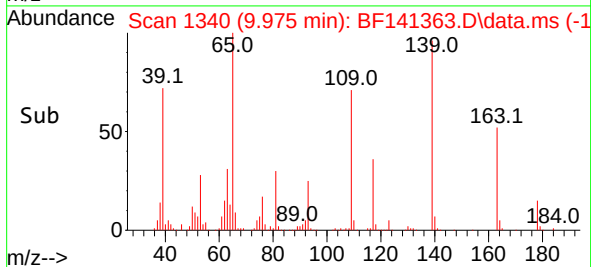
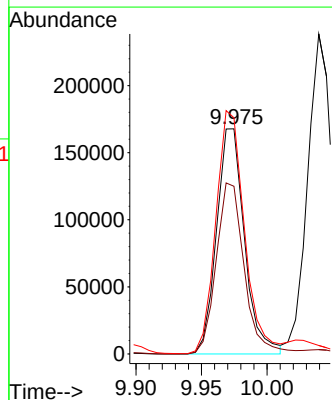
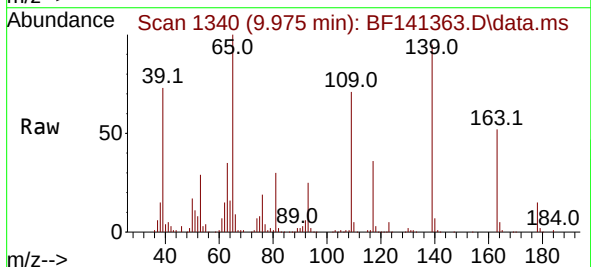
Instrument :
BNA_F
ClientSampleId :
PB166468BS

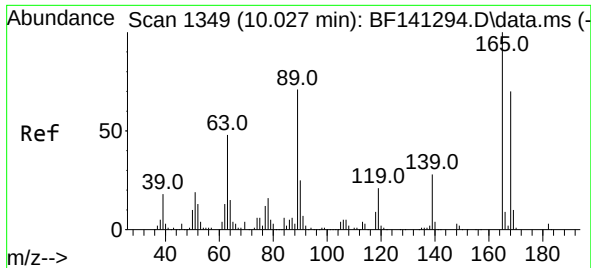
Tgt Ion:168 Resp: 761460
Ion Ratio Lower Upper
168 100
139 40.4 30.6 46.0
169 13.7 10.8 16.2



#56
4-Nitrophenol
Concen: 109.206 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:139 Resp: 248672
Ion Ratio Lower Upper
139 100
109 74.5 50.2 90.2
65 104.8 80.6 120.6

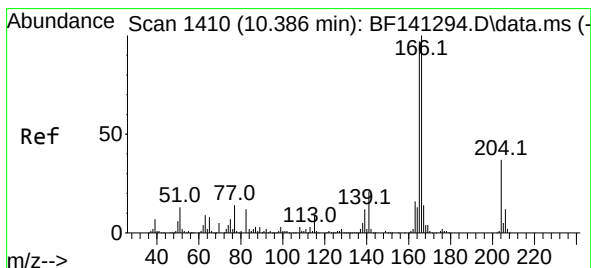
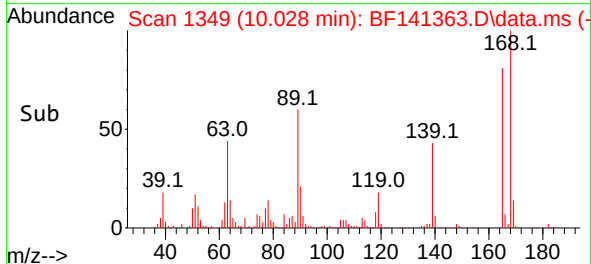
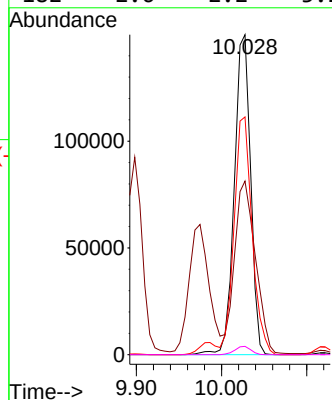
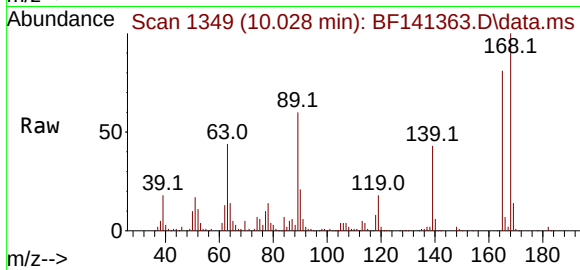




#57
2,4-Dinitrotoluene
Concen: 48.383 ng
RT: 10.028 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

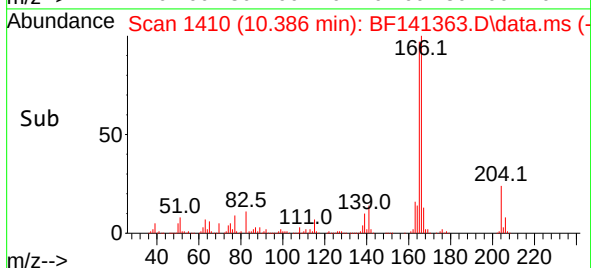
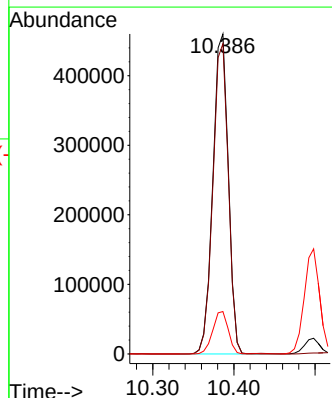
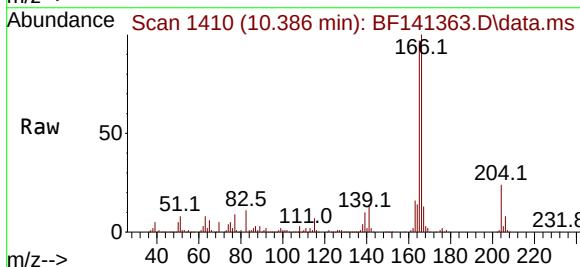
Instrument :
BNA_F
ClientSampleId :
PB166468BS

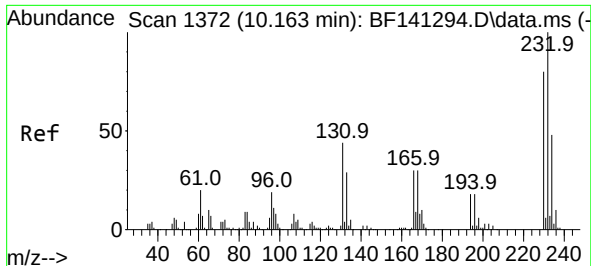
Tgt Ion:165 Resp: 199003
Ion Ratio Lower Upper
165 100
63 54.2 39.2 58.8
89 74.3 56.9 85.3
182 2.6 2.2 3.2



#58
Fluorene
Concen: 47.576 ng
RT: 10.386 min Scan# 1410
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:166 Resp: 608304
Ion Ratio Lower Upper
166 100
165 97.0 77.5 116.3
167 13.3 10.9 16.3

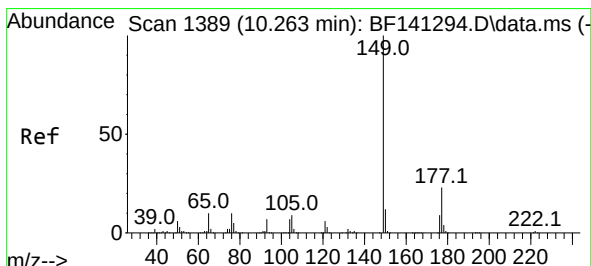
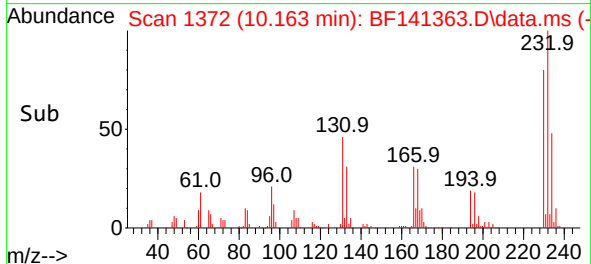
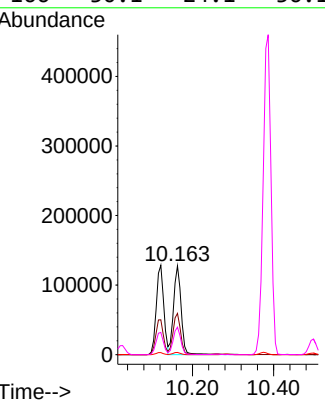
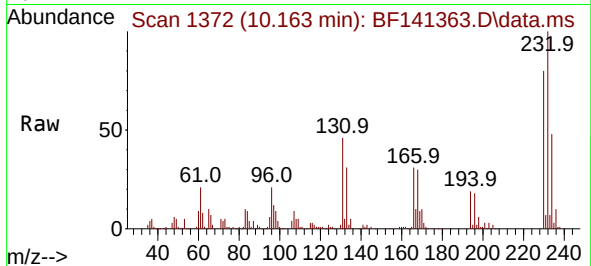




#59
2,3,4,6-Tetrachlorophenol
Concen: 51.376 ng
RT: 10.163 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

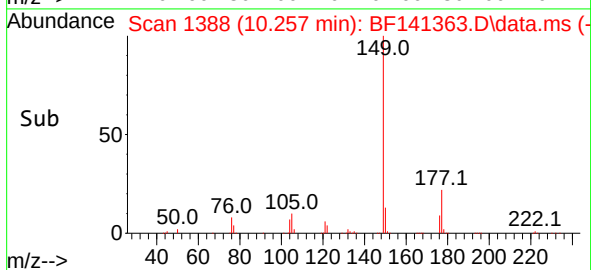
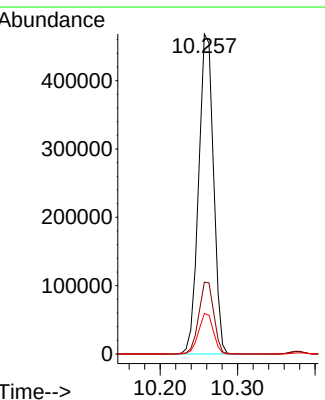
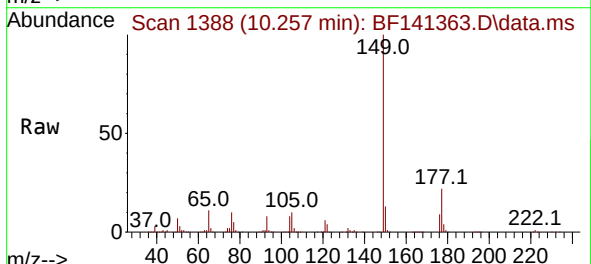
Instrument :
BNA_F
ClientSampleId :
PB166468BS

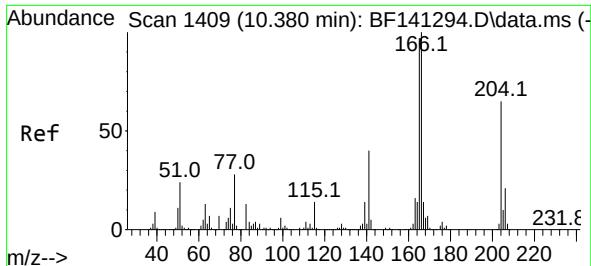
Tgt Ion:232 Resp: 165941
Ion Ratio Lower Upper
232 100
131 46.3 36.4 54.6
130 2.4 1.9 2.9
166 30.1 24.1 36.1



#60
Diethylphthalate
Concen: 47.135 ng
RT: 10.257 min Scan# 1388
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:149 Resp: 625298
Ion Ratio Lower Upper
149 100
177 22.5 18.5 27.7
150 12.7 10.0 15.0

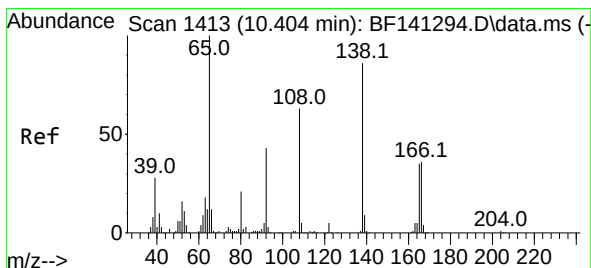
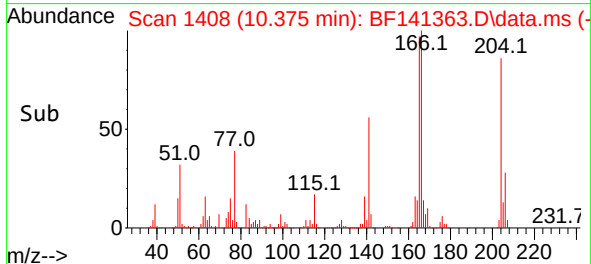
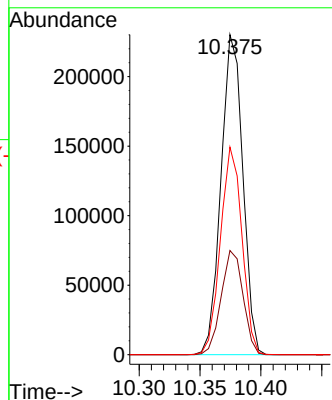
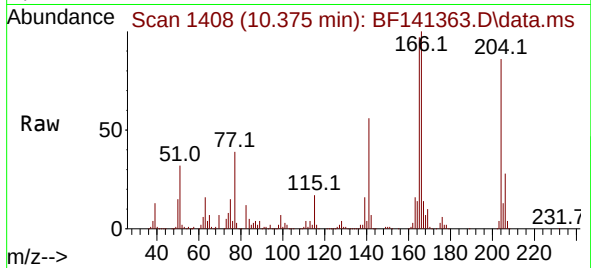




#61
4-Chlorophenyl-phenylether
Concen: 45.995 ng
RT: 10.375 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

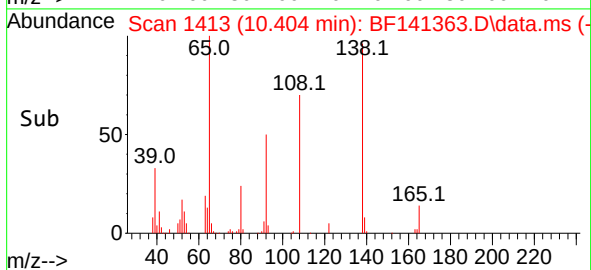
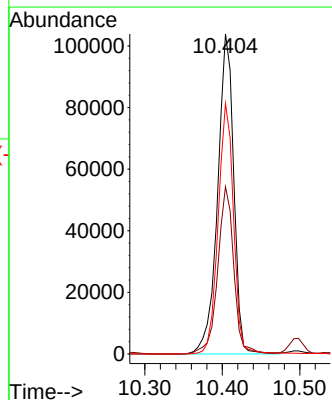
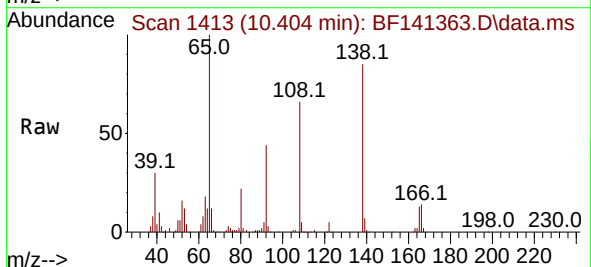
Instrument :
BNA_F
ClientSampleId :
PB166468BS

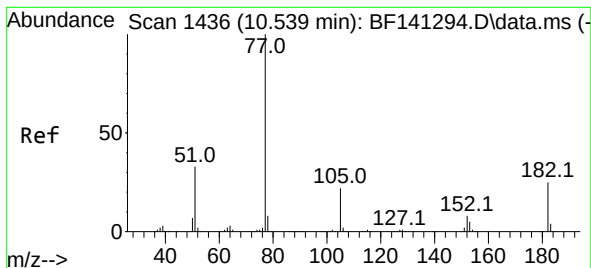
Tgt Ion:204 Resp: 287266
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 64.8 49.5 74.3



#62
4-Nitroaniline
Concen: 49.044 ng
RT: 10.404 min Scan# 1413
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:138 Resp: 150129
Ion Ratio Lower Upper
138 100
92 52.3 30.1 70.1
108 78.2 53.1 93.1





#63

Azobenzene

Concen: 47.107 ng

RT: 10.533 min Scan# 1435

Delta R.T. -0.012 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

Tgt Ion: 77 Resp: 625543

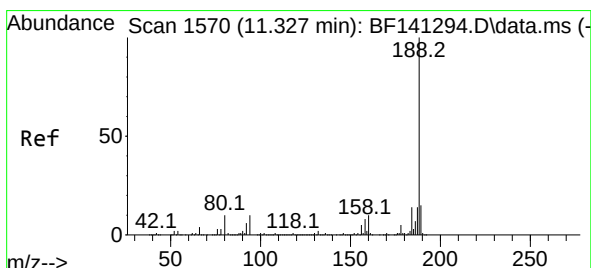
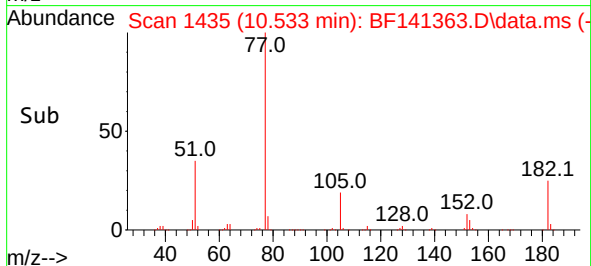
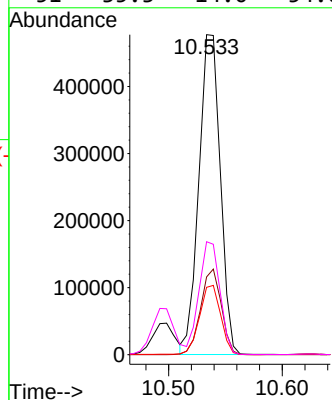
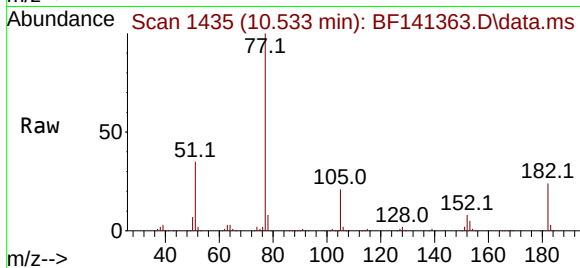
Ion Ratio Lower Upper

77 100

182 24.3 5.1 45.1

105 21.0 1.8 41.8

51 35.3 14.0 54.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.322 min Scan# 1569

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

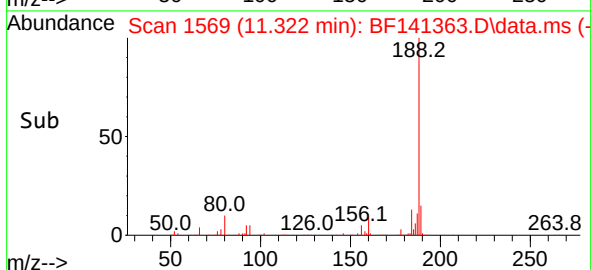
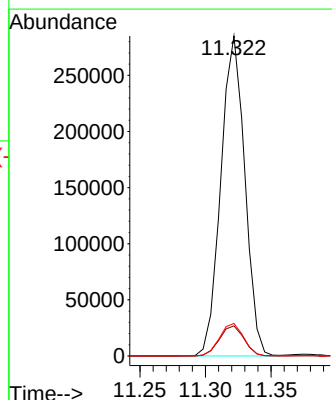
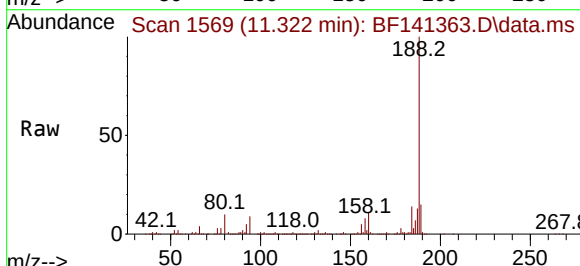
Tgt Ion:188 Resp: 362057

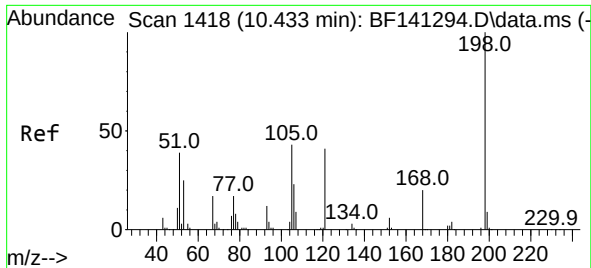
Ion Ratio Lower Upper

188 100

94 9.4 7.8 11.6

80 10.1 8.2 12.4

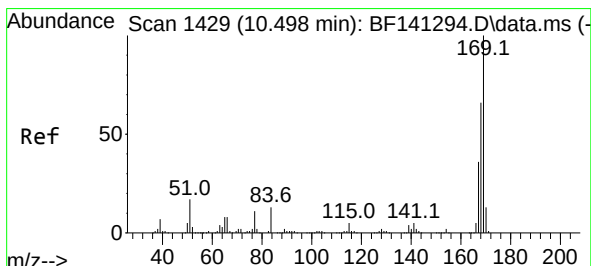
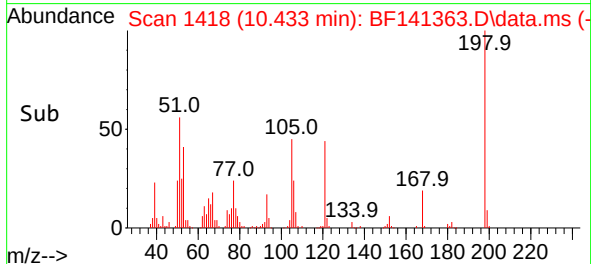
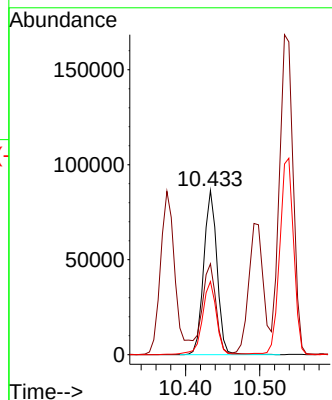
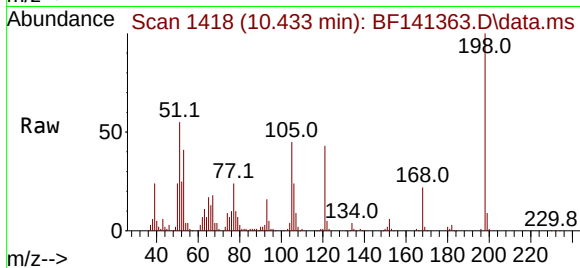




#65
4,6-Dinitro-2-methylphenol
Concen: 50.544 ng
RT: 10.433 min Scan# 1418
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

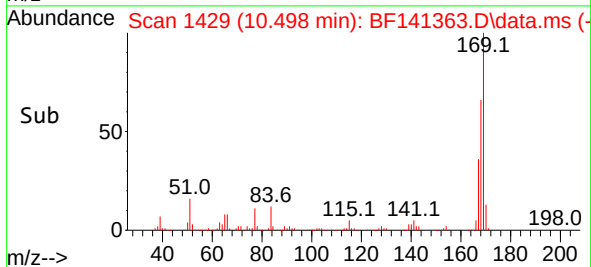
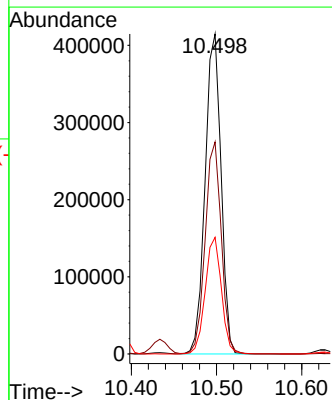
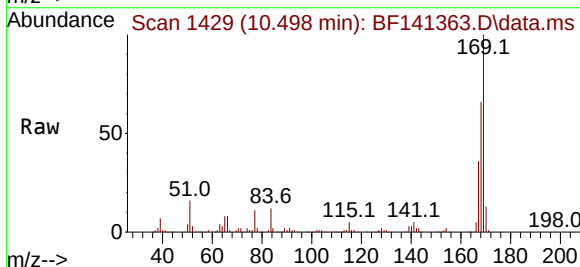
Instrument :
BNA_F
ClientSampleId :
PB166468BS

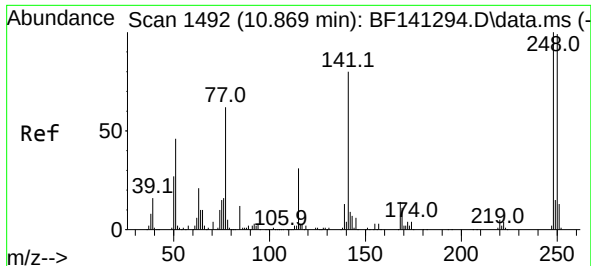
Tgt Ion:198 Resp: 108242
Ion Ratio Lower Upper
198 100
51 55.4 33.4 73.4
105 44.6 24.4 64.4



#66
n-Nitrosodiphenylamine
Concen: 45.972 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:169 Resp: 538349
Ion Ratio Lower Upper
169 100
168 66.3 53.0 79.4
167 36.4 28.8 43.2

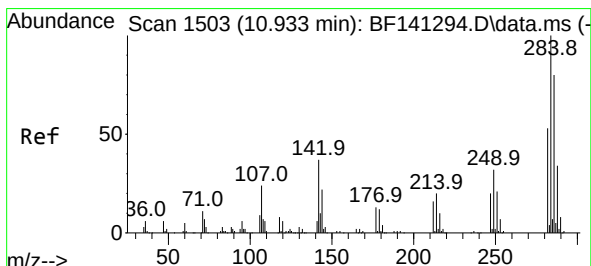
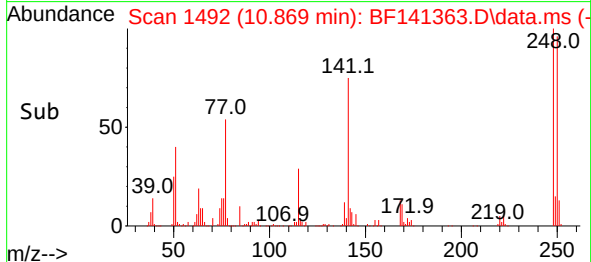
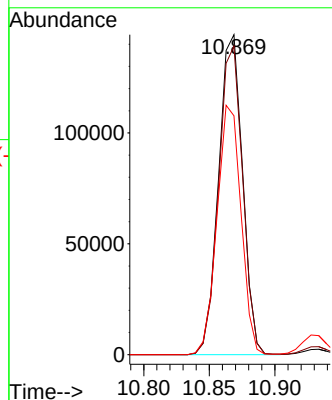
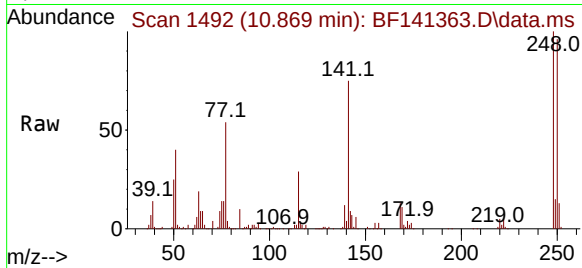




#67
4-Bromophenyl-phenylether
Concen: 45.336 ng
RT: 10.869 min Scan# 1492
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

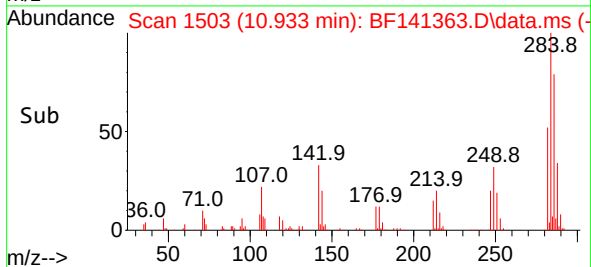
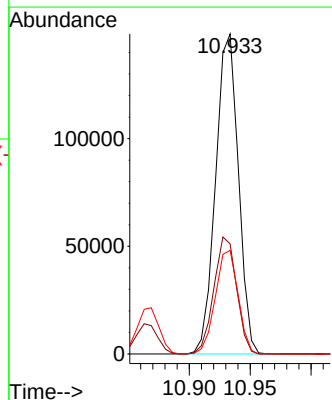
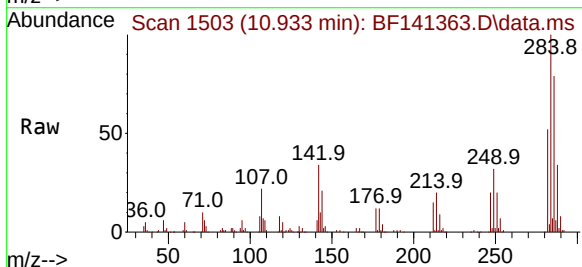
Instrument :
BNA_F
ClientSampleId :
PB166468BS

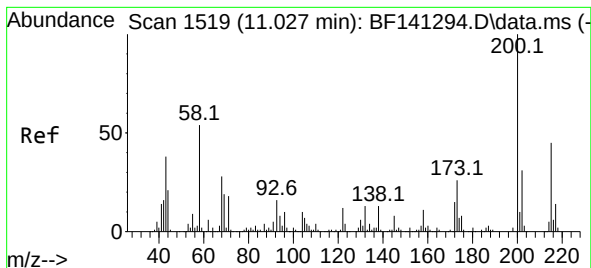
Tgt Ion:248 Resp: 183762
Ion Ratio Lower Upper
248 100
250 96.4 79.0 118.4
141 74.6 63.7 95.5



#68
Hexachlorobenzene
Concen: 44.874 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:284 Resp: 192942
Ion Ratio Lower Upper
284 100
142 34.4 29.5 44.3
249 32.4 25.4 38.2





#69

Atrazine

Concen: 52.797 ng

RT: 11.028 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

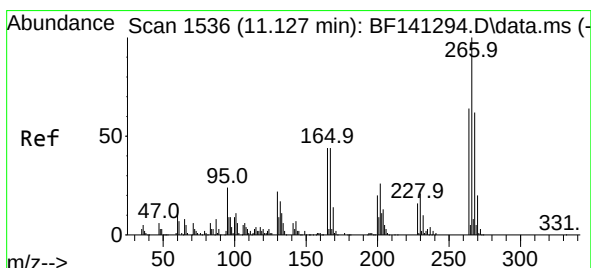
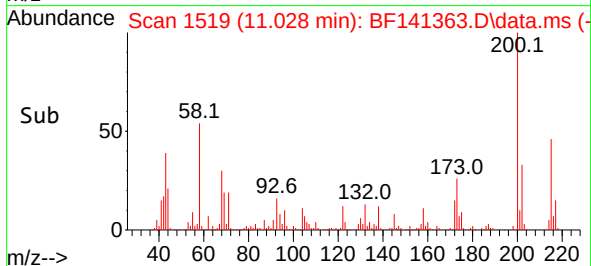
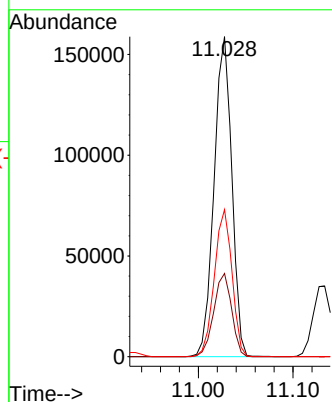
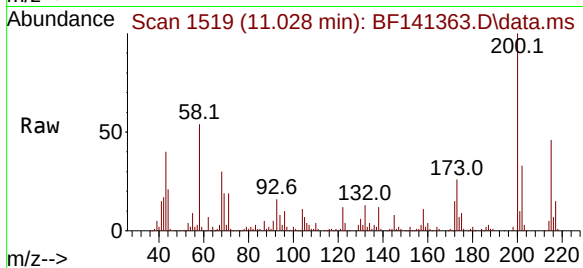
Tgt Ion:200 Resp: 206716

Ion Ratio Lower Upper

200 100

173 26.0 5.9 45.9

215 45.9 25.2 65.2



#70

Pentachlorophenol

Concen: 97.939 ng

RT: 11.133 min Scan# 1537

Delta R.T. -0.000 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

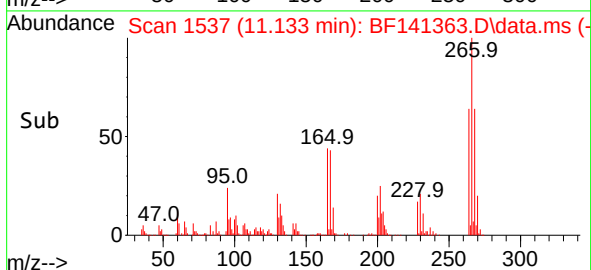
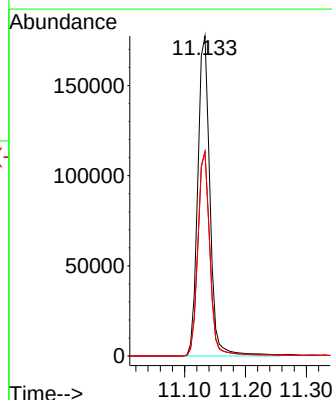
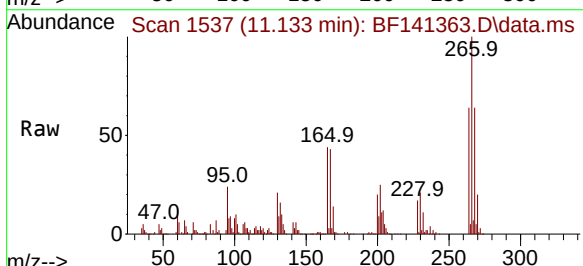
Tgt Ion:266 Resp: 246586

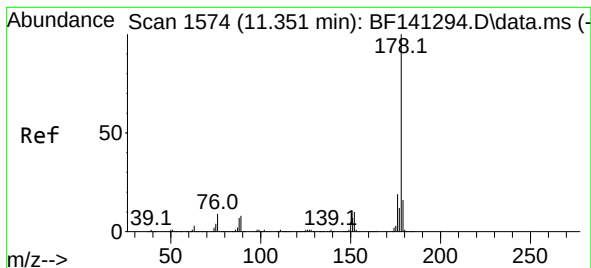
Ion Ratio Lower Upper

266 100

268 63.8 49.9 74.9

264 63.7 51.0 76.4





#71

Phenanthrene

Concen: 48.429 ng

RT: 11.345 min Scan# 1573

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

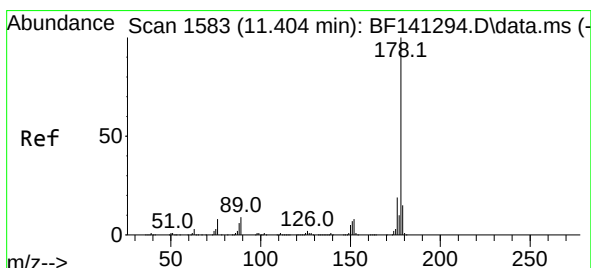
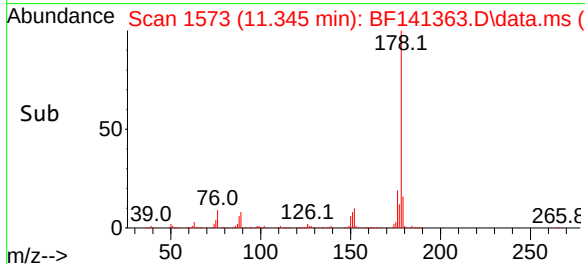
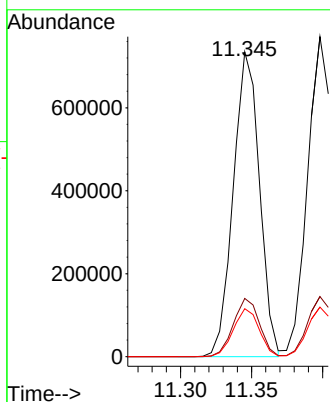
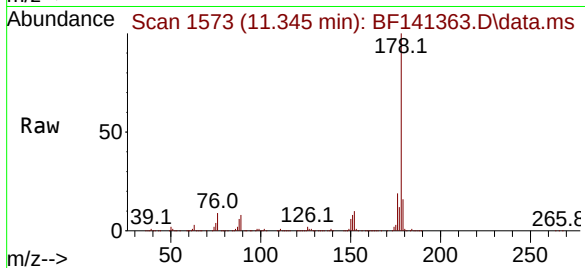
Tgt Ion:178 Resp: 942527

Ion Ratio Lower Upper

178 100

176 19.1 15.3 22.9

179 15.8 12.5 18.7



#72

Anthracene

Concen: 50.878 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

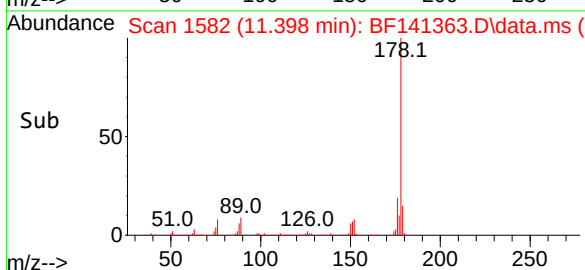
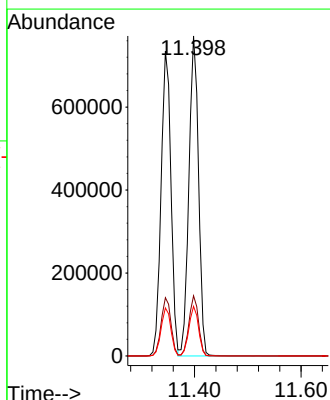
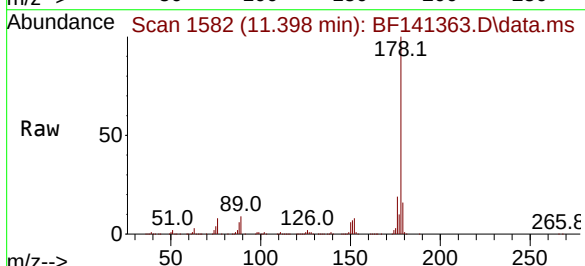
Tgt Ion:178 Resp: 970212

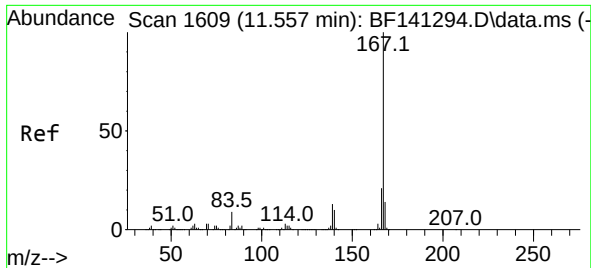
Ion Ratio Lower Upper

178 100

176 18.8 15.0 22.6

179 15.5 12.3 18.5

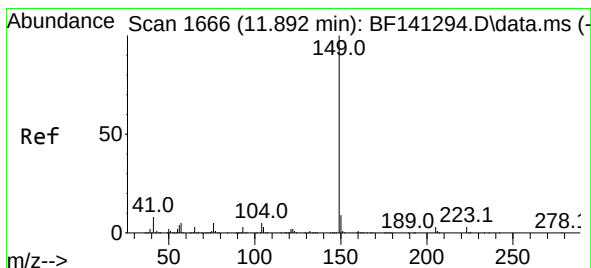
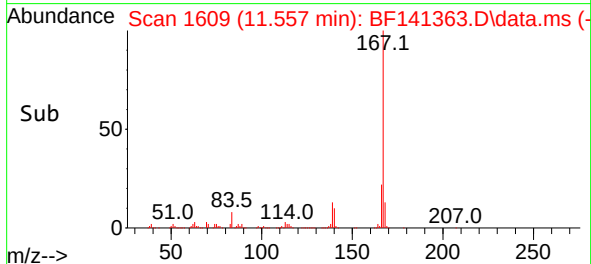
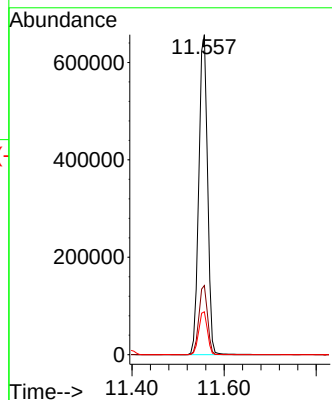
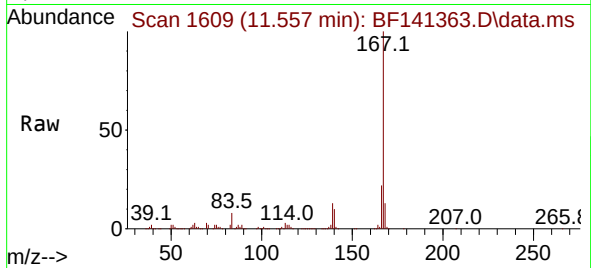




#73
 Carbazole
 Concen: 50.982 ng
 RT: 11.557 min Scan# 1609
 Delta R.T. -0.000 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

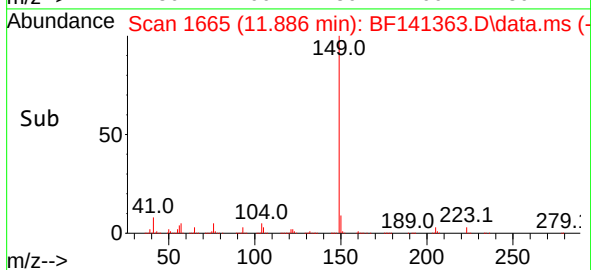
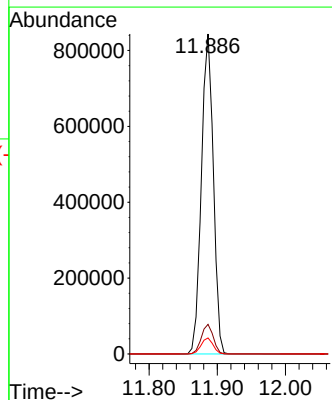
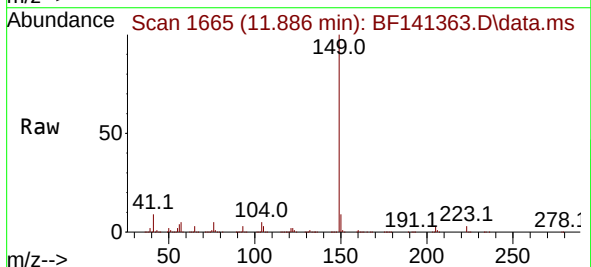
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

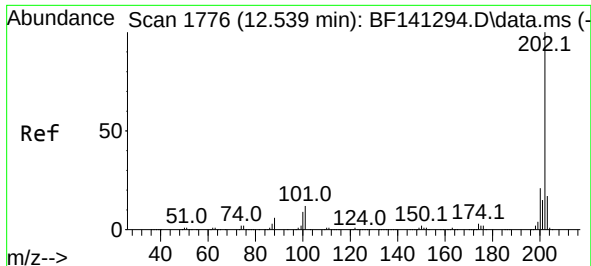
Tgt Ion:167 Resp: 862057
 Ion Ratio Lower Upper
 167 100
 166 21.6 17.0 25.6
 139 13.4 10.6 16.0



#74
 Di-n-butylphthalate
 Concen: 50.145 ng
 RT: 11.886 min Scan# 1665
 Delta R.T. -0.006 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

Tgt Ion:149 Resp: 1027576
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.4 11.2
 104 5.0 3.9 5.9

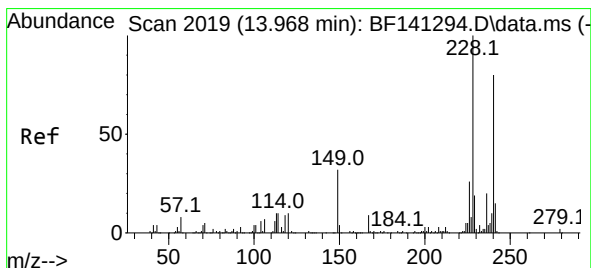
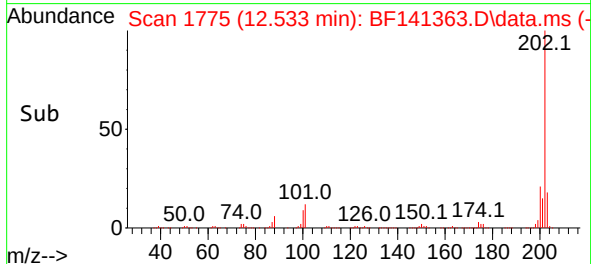
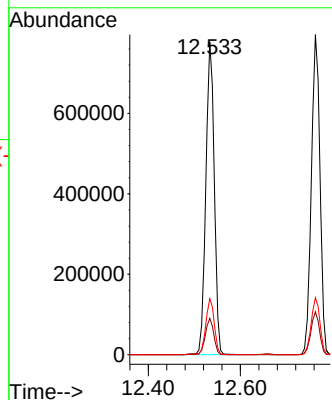
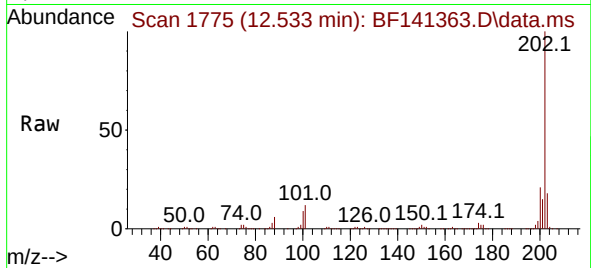




#75
Fluoranthene
Concen: 51.946 ng
RT: 12.533 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

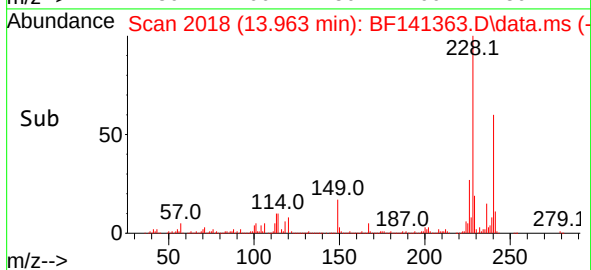
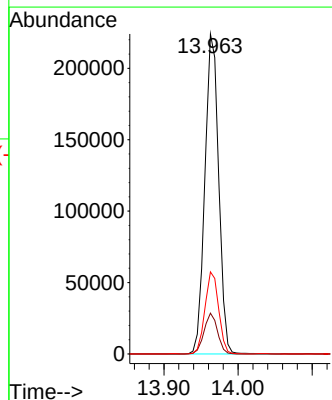
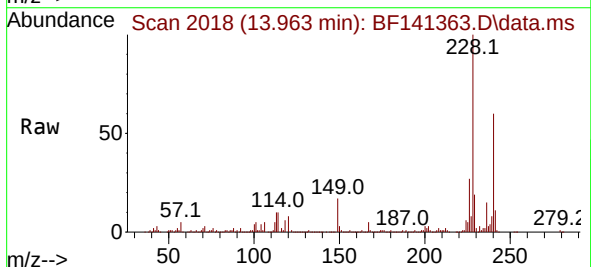
Instrument :
BNA_F
ClientSampleId :
PB166468BS

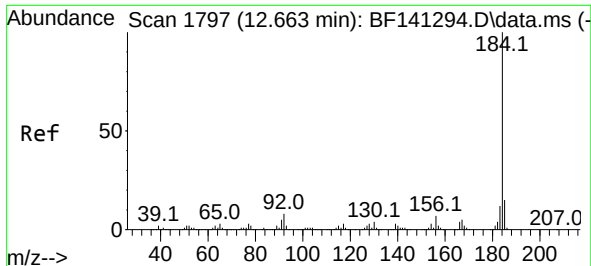
Tgt Ion:202 Resp: 998223
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.7
203 17.9 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.963 min Scan# 2018
Delta R.T. -0.012 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:240 Resp: 289738
Ion Ratio Lower Upper
240 100
120 12.7 10.0 15.0
236 25.7 19.7 29.5

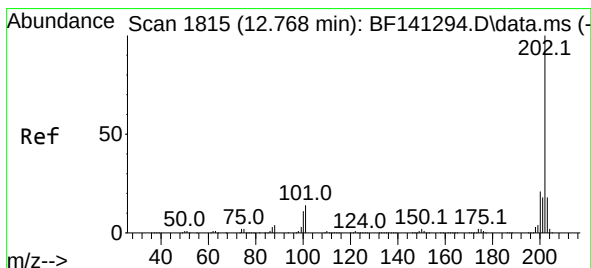
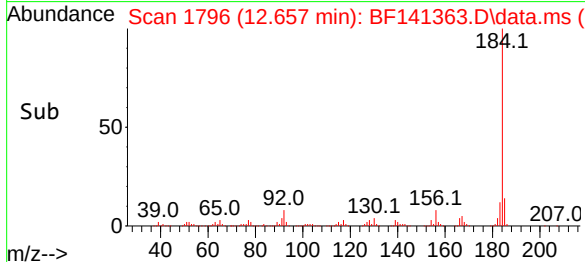
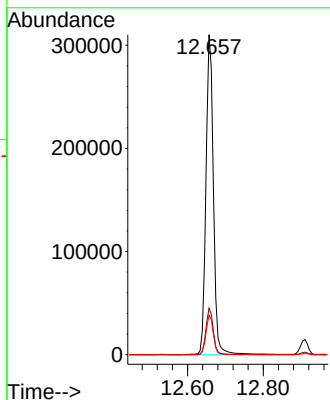
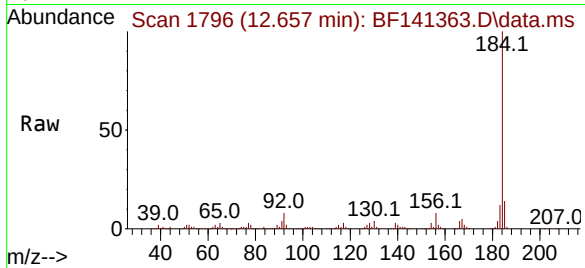




#77
Benzidine
Concen: 45.429 ng
RT: 12.657 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

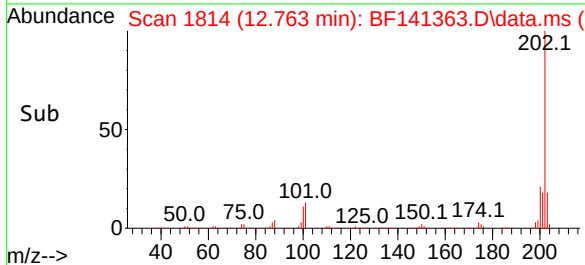
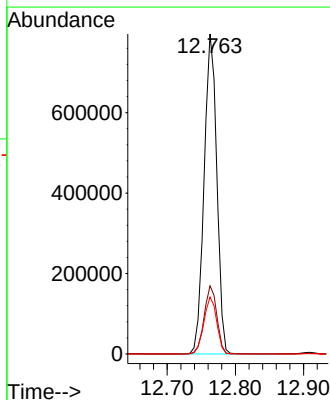
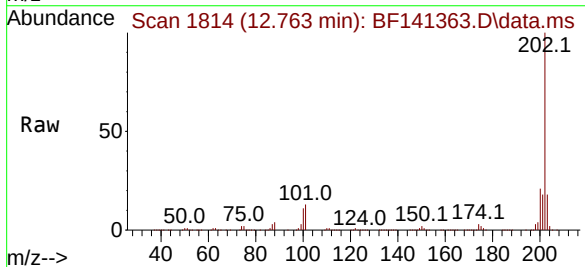
Instrument :
BNA_F
ClientSampleId :
PB166468BS

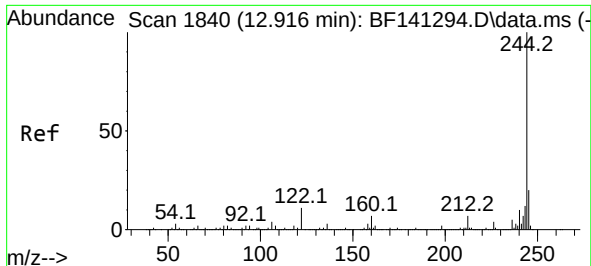
Tgt Ion:184 Resp: 421972
Ion Ratio Lower Upper
184 100
185 14.5 11.9 17.9
183 12.3 9.5 14.3



#78
Pyrene
Concen: 37.057 ng
RT: 12.763 min Scan# 1814
Delta R.T. -0.006 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

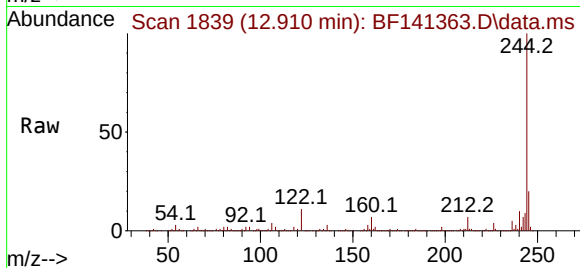
Tgt Ion:202 Resp: 1030635
Ion Ratio Lower Upper
202 100
200 21.3 17.0 25.4
203 17.8 14.3 21.5



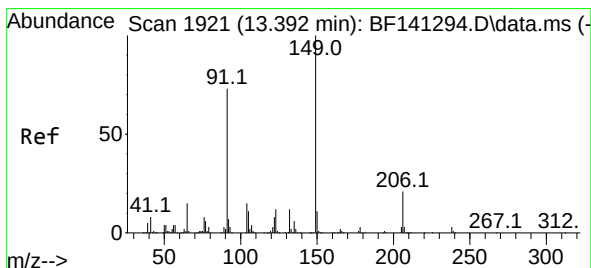
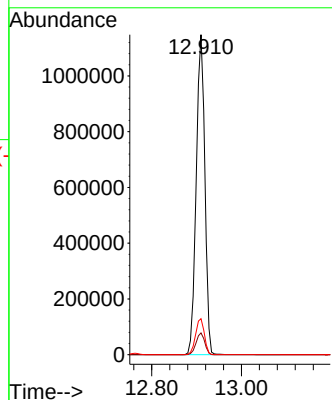
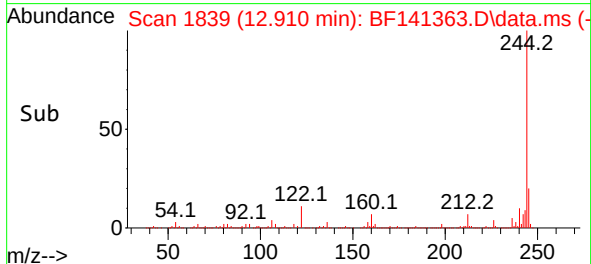


#79
 Terphenyl-d14
 Concen: 81.498 ng
 RT: 12.910 min Scan# 1840
 Delta R.T. -0.006 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

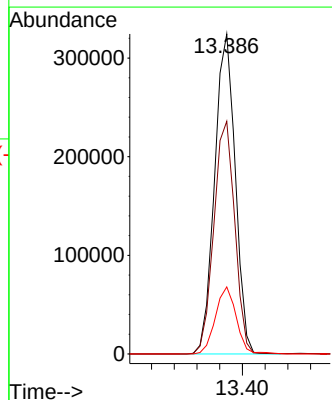
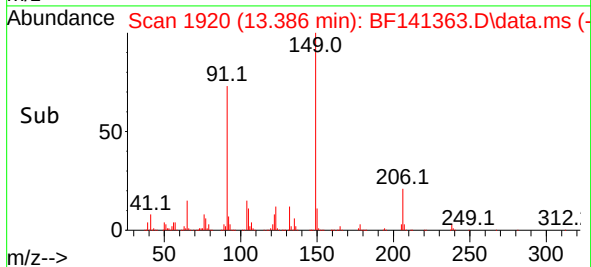
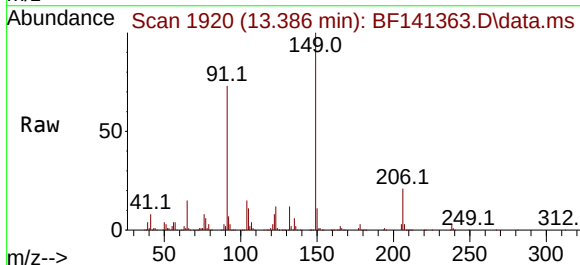


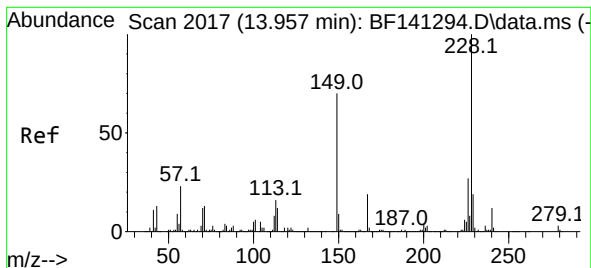
Tgt Ion:244 Resp: 1531136
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.4 8.0
 122 11.3 8.8 13.2



#80
 Butylbenzylphthalate
 Concen: 42.193 ng
 RT: 13.386 min Scan# 1920
 Delta R.T. -0.006 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

Tgt Ion:149 Resp: 409963
 Ion Ratio Lower Upper
 149 100
 91 72.7 58.6 87.8
 206 21.0 16.7 25.1





#81

Benzo(a)anthracene

Concen: 45.588 ng

RT: 13.951 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

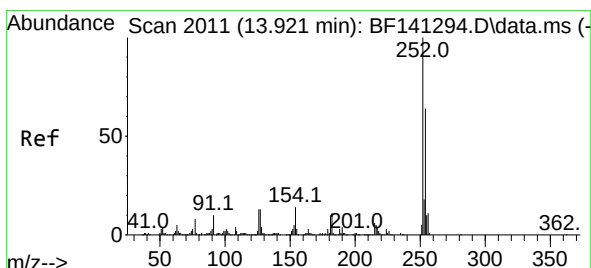
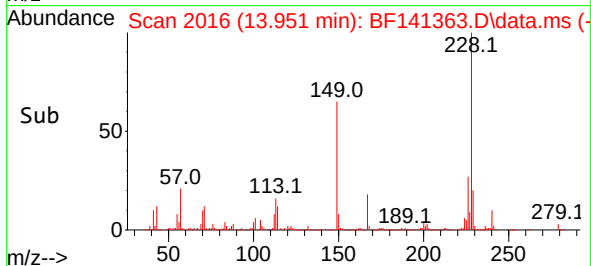
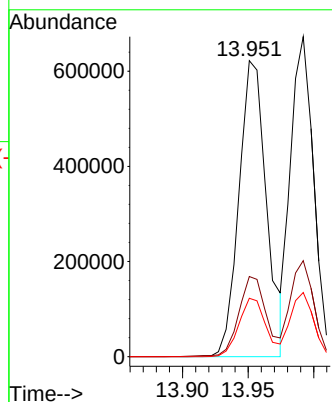
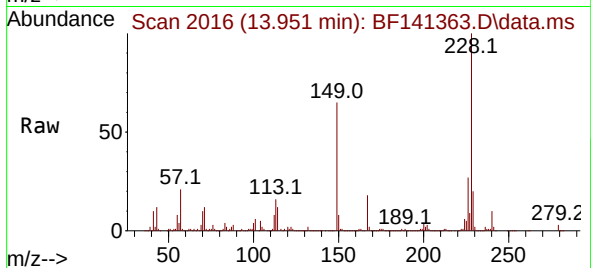
Tgt Ion:228 Resp: 911475

Ion Ratio Lower Upper

228 100

226 27.1 21.4 32.2

229 19.7 15.5 23.3



#82

3,3'-Dichlorobenzidine

Concen: 26.742 ng

RT: 13.916 min Scan# 2010

Delta R.T. -0.012 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

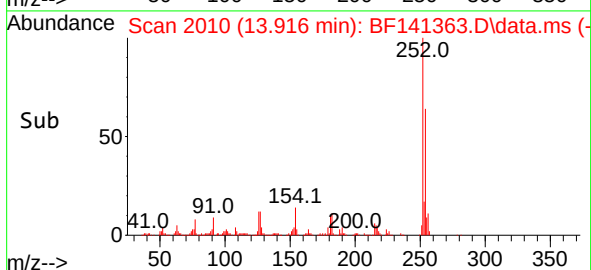
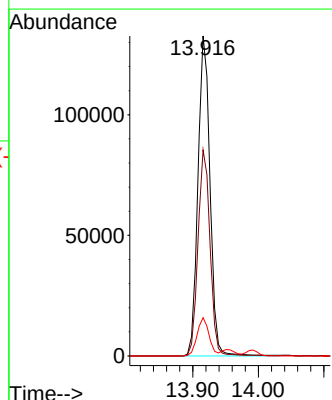
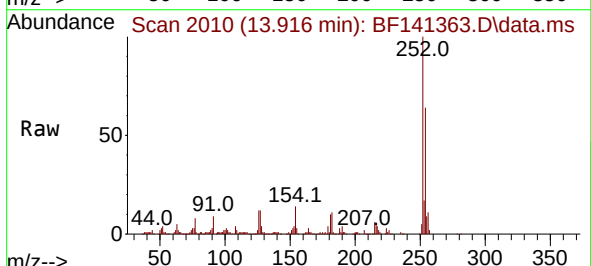
Tgt Ion:252 Resp: 170051

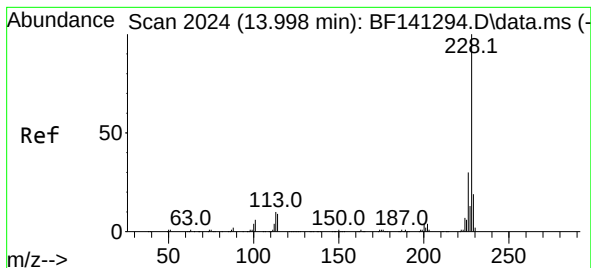
Ion Ratio Lower Upper

252 100

254 64.4 51.3 76.9

126 11.9 10.0 15.0





#83

Chrysene

Concen: 44.748 ng

RT: 13.992 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

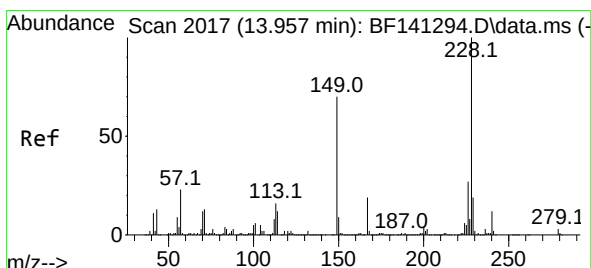
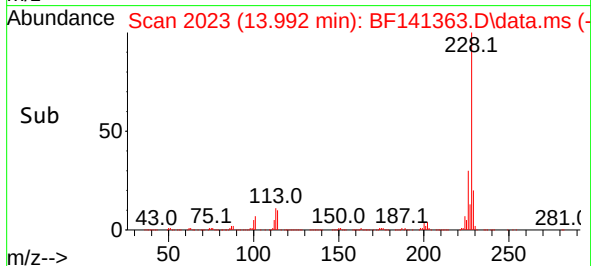
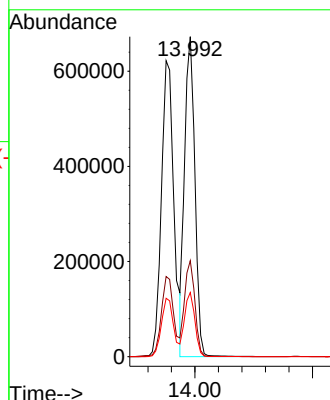
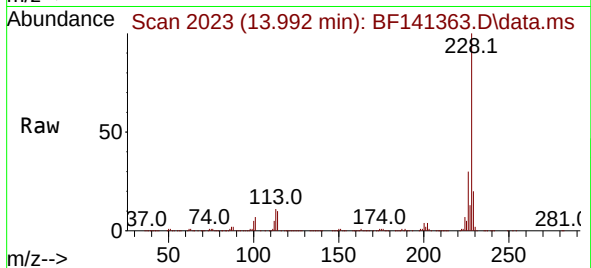
Tgt Ion:228 Resp: 819941

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 20.0 15.6 23.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.079 ng

RT: 13.945 min Scan# 2015

Delta R.T. -0.012 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

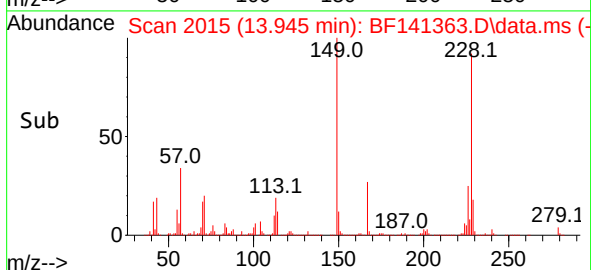
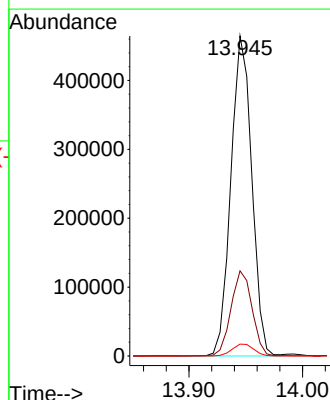
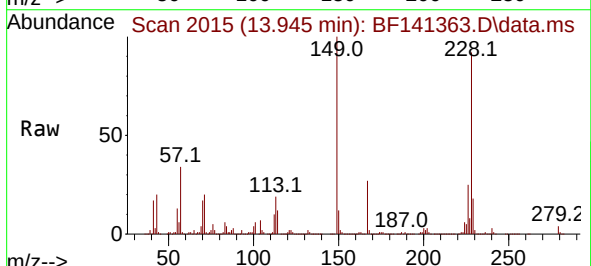
Tgt Ion:149 Resp: 592598

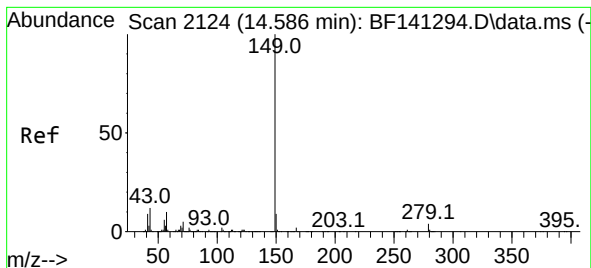
Ion Ratio Lower Upper

149 100

167 26.6 21.8 32.8

279 3.7 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 50.860 ng

RT: 14.568 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

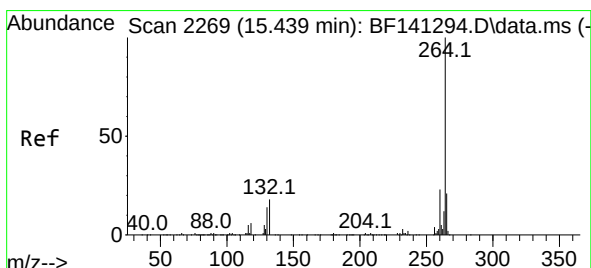
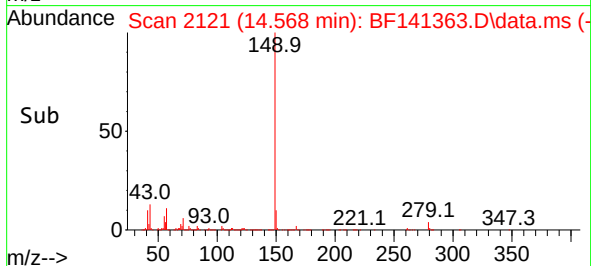
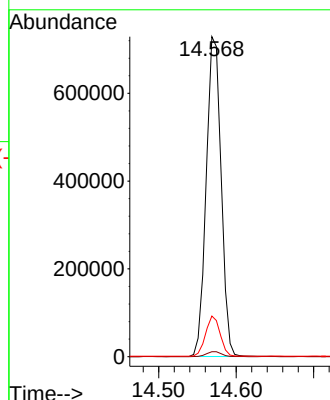
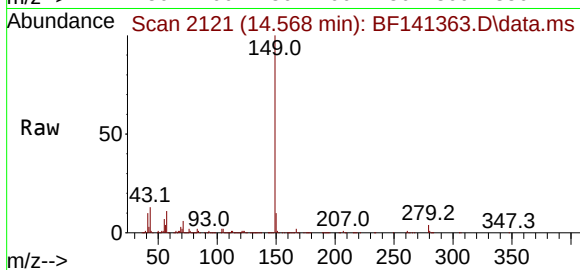
Tgt Ion:149 Resp: 973666

Ion Ratio Lower Upper

149 100

167 1.5 1.3 1.9

43 12.2 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: BF141363.D

Acq: 03 Feb 2025 12:18

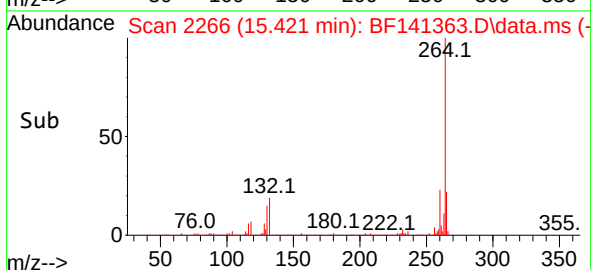
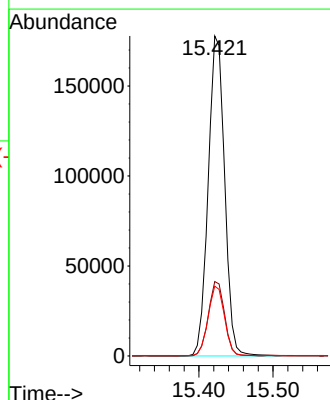
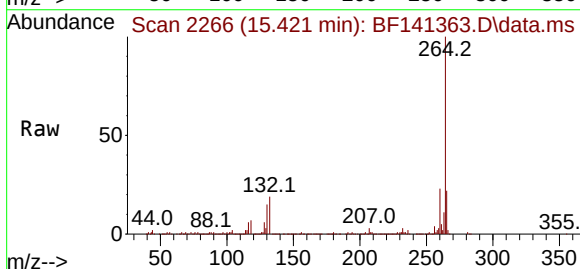
Tgt Ion:264 Resp: 274140

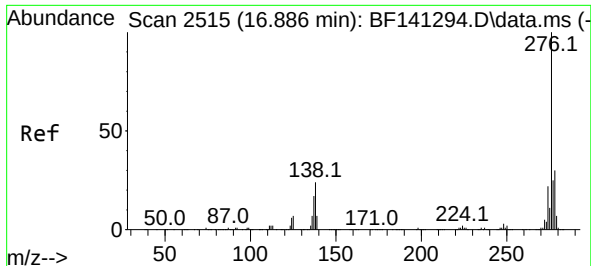
Ion Ratio Lower Upper

264 100

260 23.3 18.6 27.8

265 21.8 16.7 25.1

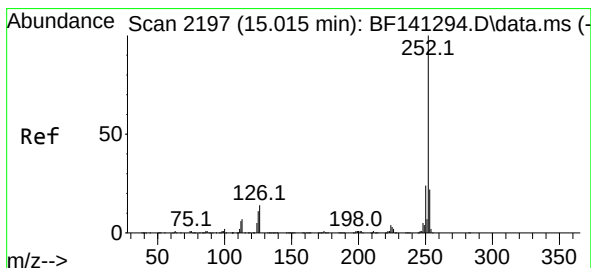
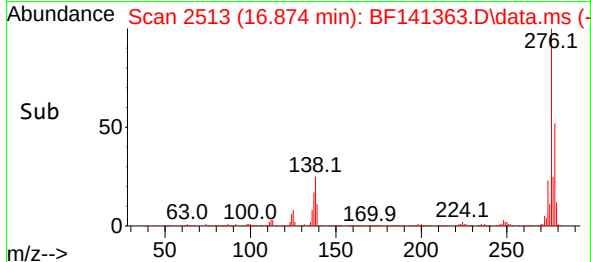
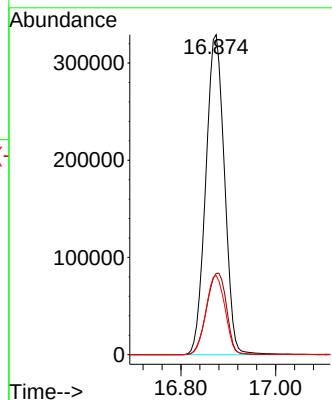
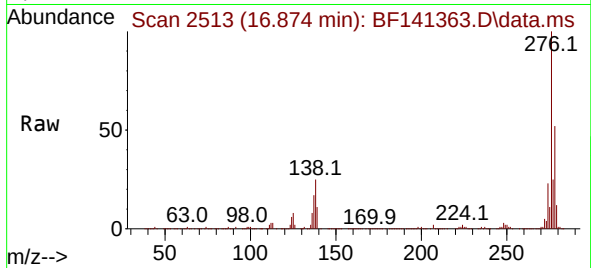




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 51.012 ng
 RT: 16.874 min Scan# 2195
 Delta R.T. -0.024 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

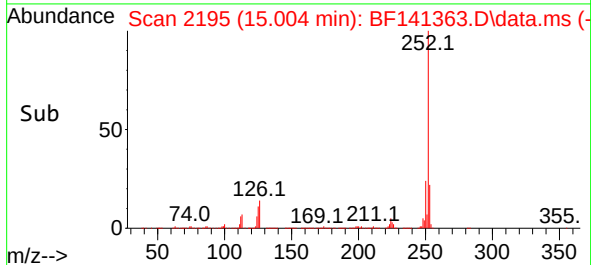
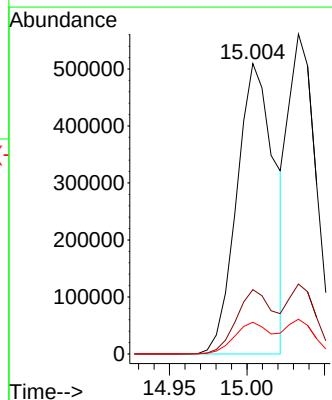
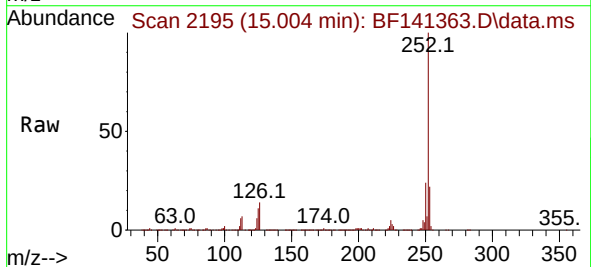
Instrument :
 BNA_F
 ClientSampleId :
 PB166468BS

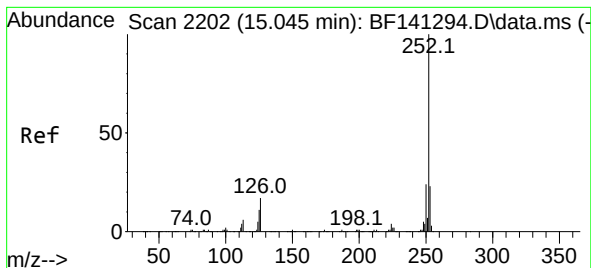
Tgt Ion:276 Resp: 902599
 Ion Ratio Lower Upper
 276 100
 138 27.3 21.7 32.5
 277 25.5 20.3 30.5



#88
 Benzo(b)fluoranthene
 Concen: 50.044 ng
 RT: 15.004 min Scan# 2195
 Delta R.T. -0.018 min
 Lab File: BF141363.D
 Acq: 03 Feb 2025 12:18

Tgt Ion:252 Resp: 862962
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.4 26.2
 125 10.9 8.6 12.8





#89

Benzo(k)fluoranthene

Concen: 45.444 ng

RT: 15.033 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

Instrument :

BNA_F

ClientSampleId :

PB166468BS

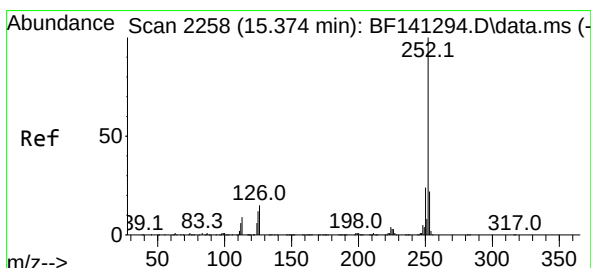
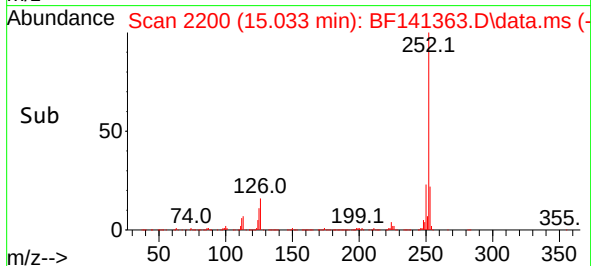
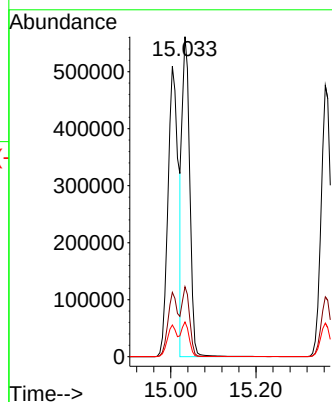
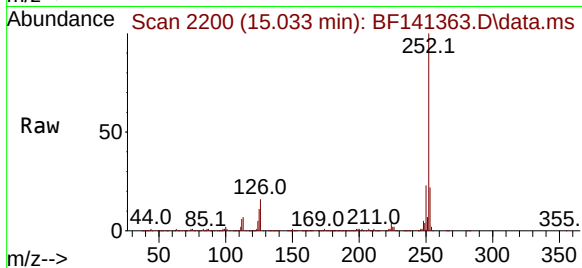
Tgt Ion:252 Resp: 694206

Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.9 8.4 12.6



#90

Benzo(a)pyrene

Concen: 51.199 ng

RT: 15.363 min Scan# 2256

Delta R.T. -0.018 min

Lab File: BF141363.D

Acq: 03 Feb 2025 12:18

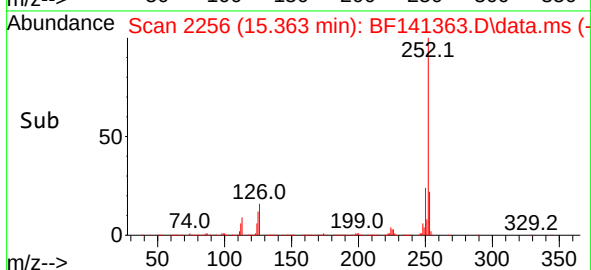
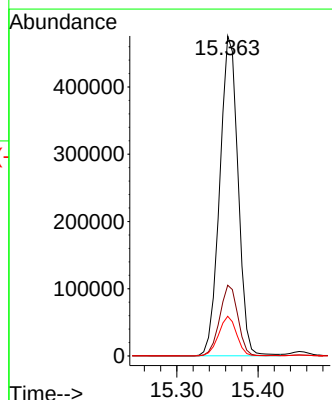
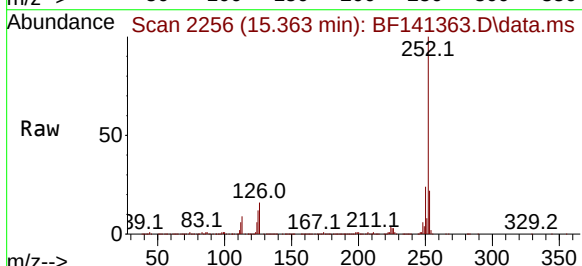
Tgt Ion:252 Resp: 746076

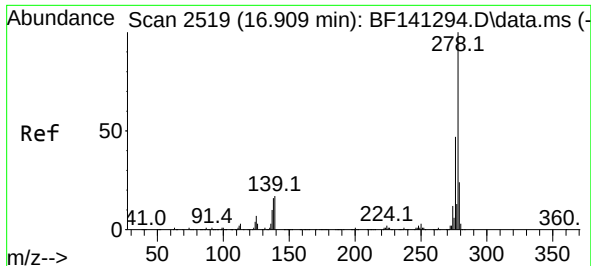
Ion Ratio Lower Upper

252 100

253 22.1 17.2 25.8

125 12.4 9.4 14.2

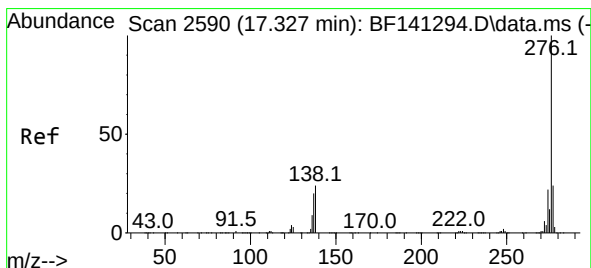
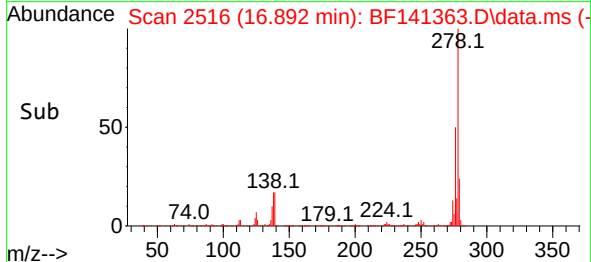
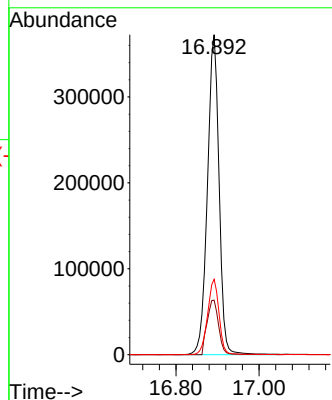
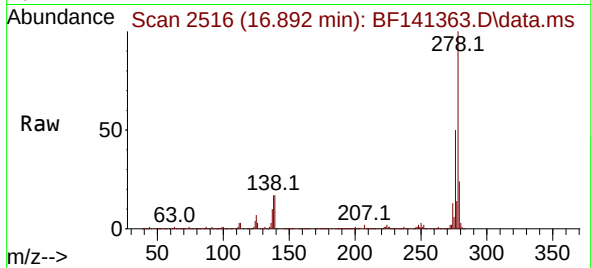




#91
Dibenzo(a,h)anthracene
Concen: 50.944 ng
RT: 16.892 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Instrument :
BNA_F
ClientSampleId :
PB166468BS

Tgt Ion:278 Resp: 725204
Ion Ratio Lower Upper
278 100
139 17.1 13.9 20.9
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 47.929 ng
RT: 17.309 min Scan# 2587
Delta R.T. -0.035 min
Lab File: BF141363.D
Acq: 03 Feb 2025 12:18

Tgt Ion:276 Resp: 709427
Ion Ratio Lower Upper
276 100
277 23.7 19.2 28.8
138 23.9 19.0 28.4

