

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101025\
 Data File : BF143929.D
 Acq On : 10 Oct 2025 17:18
 Operator : RC/JU
 Sample : Q3310-01MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MSD

Quant Time: Oct 10 21:48:08 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	118400	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	432037	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	206418	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	294129	20.000	ng	0.00
76) Chrysene-d12	14.068	240	250086	20.000	ng	0.00
86) Perylene-d12	15.545	264	234027	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	610390	81.866	ng	0.00
7) Phenol-d6	6.510	99	719140	80.919	ng	0.00
23) Nitrobenzene-d5	7.445	82	408065	57.384	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	135862	66.082	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	642465	49.386	ng	-0.01
79) Terphenyl-d14	13.004	244	525577	35.918	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	146145	42.358	ng	96
3) Pyridine	3.457	79	416024	41.419	ng	97
4) n-Nitrosodimethylamine	3.404	42	245517	46.466	ng	93
6) Aniline	6.545	93	375981	28.232	ng	98
8) 2-Chlorophenol	6.669	128	334438	45.888	ng	98
9) Benzaldehyde	6.434	77	204688	29.857	ng	99
10) Phenol	6.522	94	497367	46.812	ng	100
11) bis(2-Chloroethyl)ether	6.616	93	375103	45.703	ng	99
12) 1,3-Dichlorobenzene	6.822	146	386144	44.262	ng	99
13) 1,4-Dichlorobenzene	6.904	146	391672	45.513	ng	99
14) 1,2-Dichlorobenzene	7.051	146	375997	45.615	ng	99
15) Benzyl Alcohol	7.022	79	317470	47.677	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	866381	46.375	ng	100
17) 2-Methylphenol	7.134	107	273298	45.374	ng	99
18) Hexachloroethane	7.398	117	123788	43.133	ng	99
19) n-Nitroso-di-n-propyla...	7.292	70	257967	42.406	ng	98
20) 3+4-Methylphenols	7.287	107	307145	43.998	ng	# 77
22) Acetophenone	7.292	105	455250	49.835	ng	96
24) Nitrobenzene	7.463	77	389887	49.371	ng	99
25) Isophorone	7.704	82	695779	46.403	ng	99
26) 2-Nitrophenol	7.781	139	174112	51.426	ng	98
27) 2,4-Dimethylphenol	7.816	122	315565	51.813	ng	99
28) bis(2-Chloroethoxy)met...	7.916	93	433734	45.793	ng	99
29) 2,4-Dichlorophenol	8.022	162	287943	45.388	ng	97
30) 1,2,4-Trichlorobenzene	8.104	180	300197	48.115	ng	100
31) Naphthalene	8.192	128	932005	47.423	ng	100
32) Benzoic acid	7.928	122	194020	46.030	ng	97
33) 4-Chloroaniline	8.234	127	130435	17.696	ng	99
34) Hexachlorobutadiene	8.304	225	193808	44.702	ng	99
35) Caprolactam	8.604	113	91491	45.357	ng	99
36) 4-Chloro-3-methylphenol	8.716	107	261321	42.883	ng	98
37) 2-Methylnaphthalene	8.881	142	534905	40.859	ng	100
38) 1-Methylnaphthalene	8.981	142	533120	41.984	ng	98
40) 1,2,4,5-Tetrachloroben...	9.045	216	317275	55.612	ng	99
41) Hexachlorocyclopentadiene	9.033	237	101705	42.971	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	199193	47.785	ng	97

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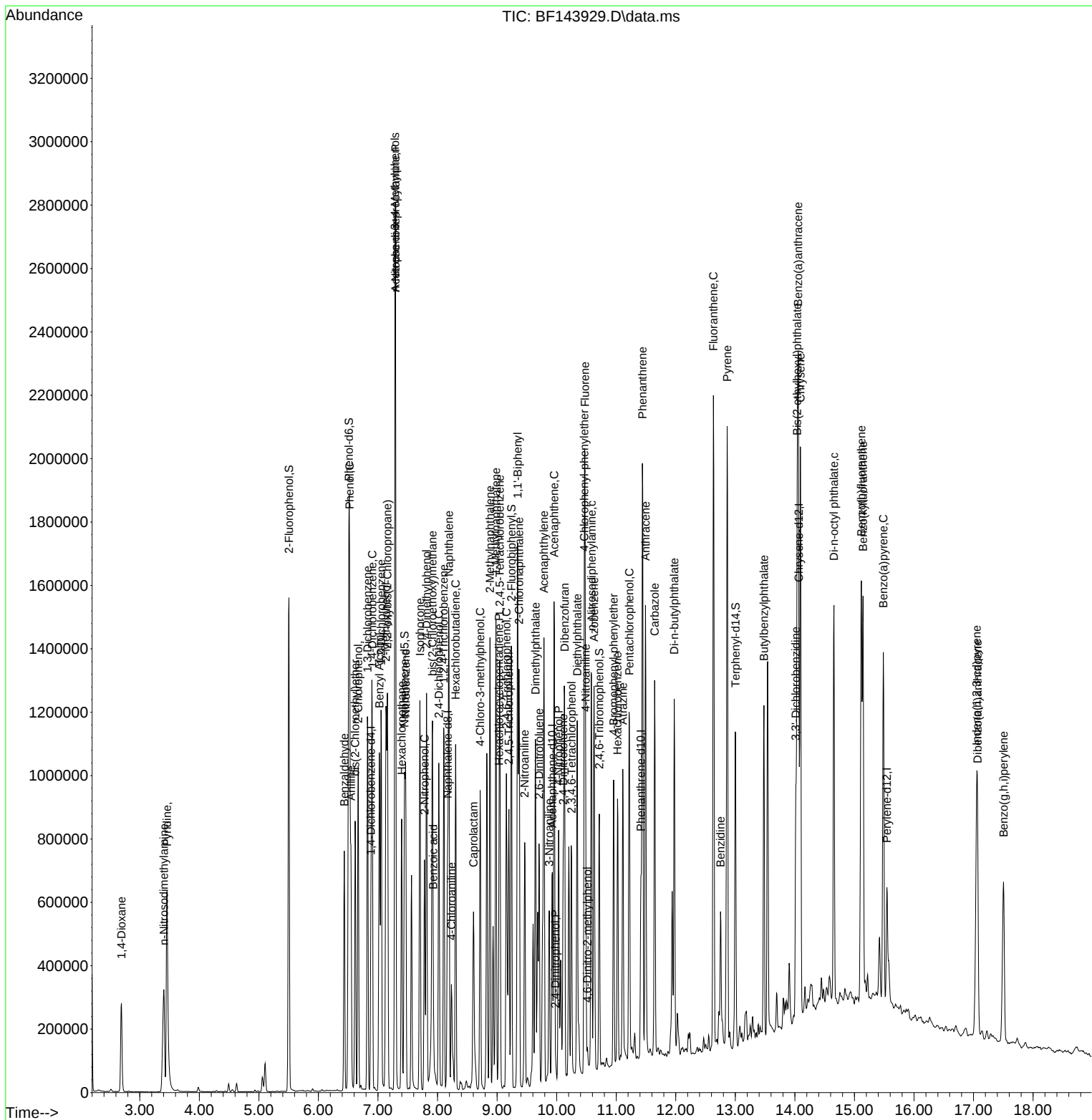
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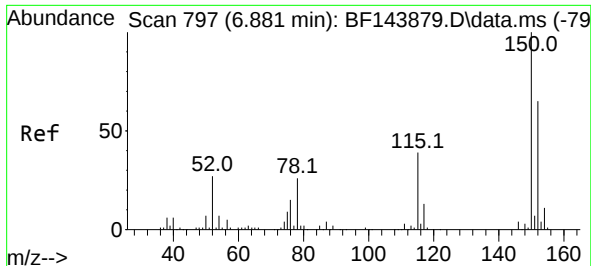
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	202113	45.881	ng	99
46) 1,1'-Biphenyl	9.345	154	739365	54.100	ng	98
47) 2-Chloronaphthalene	9.369	162	547343	48.035	ng	98
48) 2-Nitroaniline	9.463	65	195519	54.273	ng	98
49) Acenaphthylene	9.786	152	842706	52.605	ng	100
50) Dimethylphthalate	9.645	163	652573	49.783	ng	99
51) 2,6-Dinitrotoluene	9.704	165	134316	55.258	ng	98
52) Acenaphthene	9.957	154	477808	45.519	ng	98
53) 3-Nitroaniline	9.875	138	113053	37.985	ng	98
54) 2,4-Dinitrophenol	9.980	184	11722	14.081	ng	# 41
55) Dibenzofuran	10.133	168	707567	47.752	ng	98
56) 4-Nitrophenol	10.033	139	187692	83.288	ng	98
57) 2,4-Dinitrotoluene	10.110	165	169013	51.103	ng	97
58) Fluorene	10.475	166	506230	45.277	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	133629	42.853	ng	99
60) Diethylphthalate	10.345	149	579699	47.603	ng	99
61) 4-Chlorophenyl-phenylether	10.463	204	267368	45.231	ng	97
62) 4-Nitroaniline	10.486	138	113273	39.577	ng	93
63) Azobenzene	10.627	77	639220	50.224	ng	96
65) 4,6-Dinitro-2-methylph...	10.516	198	12180	8.240	ng	87
66) n-Nitrosodiphenylamine	10.586	169	503512	54.520	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	163297	50.236	ng	99
68) Hexachlorobenzene	11.022	284	176825	46.988	ng	97
69) Atrazine	11.110	200	143934	51.420	ng	96
70) Pentachlorophenol	11.222	266	200869	92.938	ng	98
71) Phenanthrene	11.439	178	1086924	76.225	ng	99
72) Anthracene	11.492	178	785356	54.518	ng	99
73) Carbazole	11.645	167	697255	54.651	ng	99
74) Di-n-butylphthalate	11.974	149	772095	52.216	ng	100
75) Fluoranthene	12.633	202	1271771	86.345	ng	99
77) Benzidine	12.751	184	261032	30.060	ng	98
78) Pyrene	12.863	202	1220247	58.527	ng	98
80) Butylbenzylphthalate	13.480	149	348136	51.414	ng	98
81) Benzo(a)anthracene	14.057	228	1096245	66.984	ng	99
82) 3,3'-Dichlorobenzidine	14.015	252	239151	47.951	ng	99
83) Chrysene	14.092	228	951480	62.817	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	458060	56.119	ng	99
85) Di-n-octyl phthalate	14.657	149	845476	63.066	ng	100
87) Indeno(1,2,3-cd)pyrene	17.051	276	615808	42.944	ng	98
88) Benzo(b)fluoranthene	15.115	252	916681	68.189	ng	99
89) Benzo(k)fluoranthene	15.145	252	654063	52.580	ng	98
90) Benzo(a)pyrene	15.486	252	754072	64.691	ng	98
91) Dibenzo(a,h)anthracene	17.068	278	436970	37.889	ng	99
92) Benzo(g,h,i)perylene	17.503	276	488713	42.375	ng	98

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

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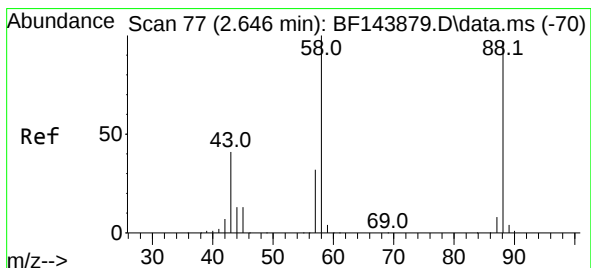
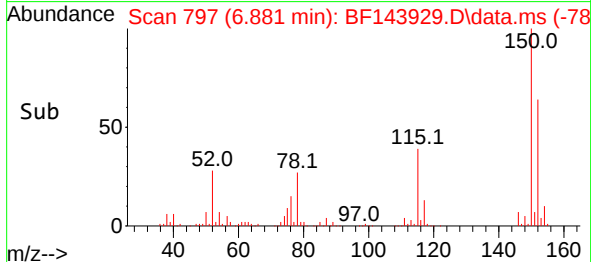
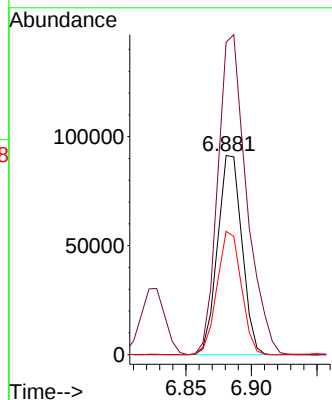
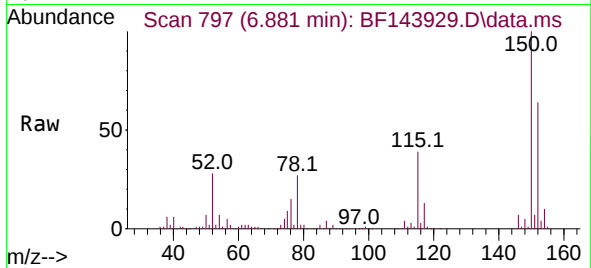




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

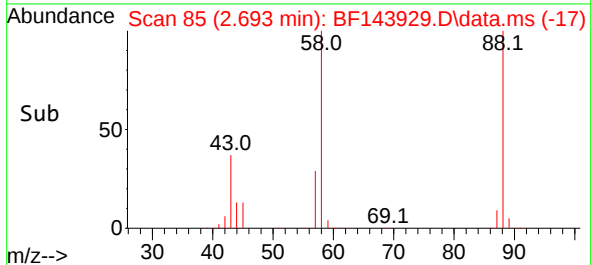
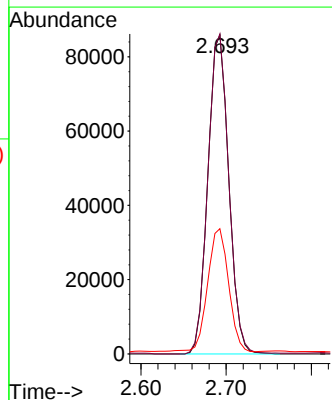
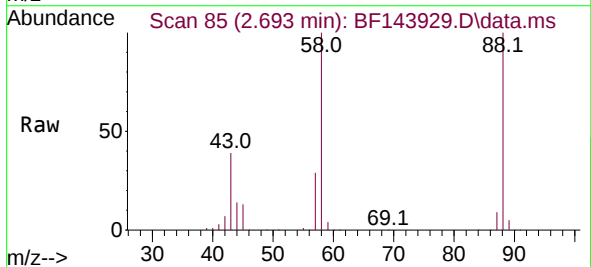
Instrument :
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 SS-01-0-1MSD

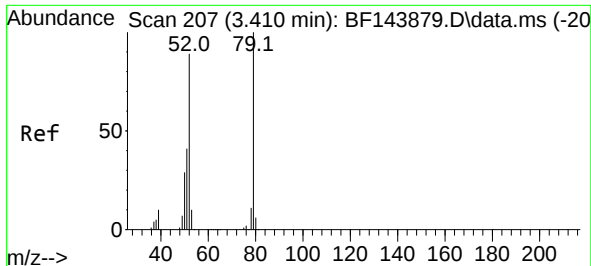
Tgt Ion:152 Resp: 118400
 Ion Ratio Lower Upper
 152 100
 150 156.8 124.4 186.6
 115 61.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 42.358 ng
 RT: 2.693 min Scan# 85
 Delta R.T. 0.047 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

Tgt Ion: 88 Resp: 146145
 Ion Ratio Lower Upper
 88 100
 58 100.7 83.0 124.6
 43 38.8 33.9 50.9





#3

Pyridine

Concen: 41.419 ng

RT: 3.457 min Scan# 21

Delta R.T. 0.041 min

Lab File: BF143929.D

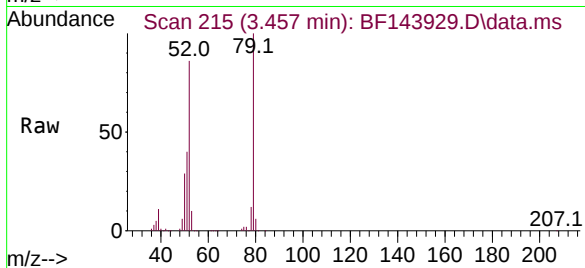
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Instrument :

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ClientSampleId :

SS-01-0-1MSD



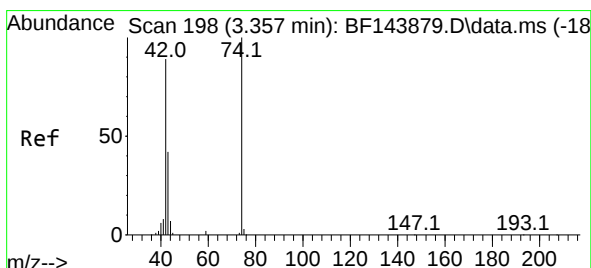
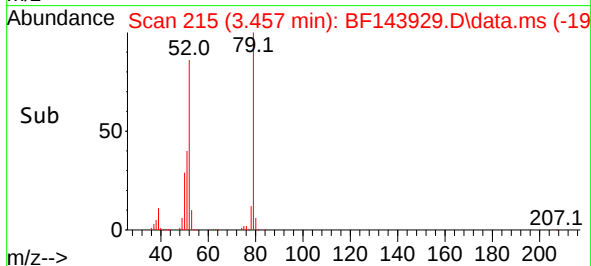
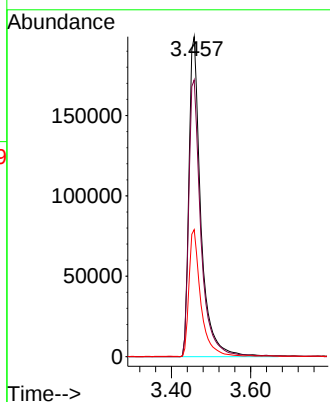
Tgt Ion: 79 Resp: 416024

Ion Ratio Lower Upper

79 100

52 86.5 71.5 107.3

51 39.7 32.9 49.3



#4

n-Nitrosodimethylamine

Concen: 46.466 ng

RT: 3.404 min Scan# 206

Delta R.T. 0.018 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

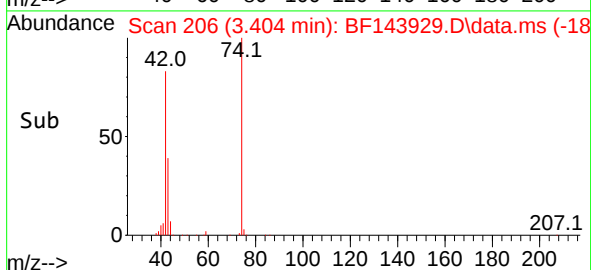
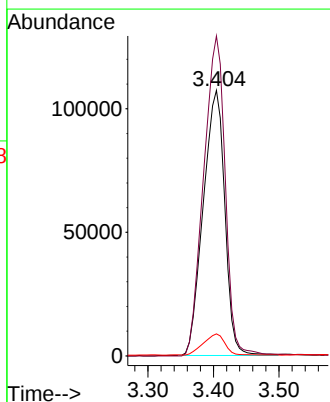
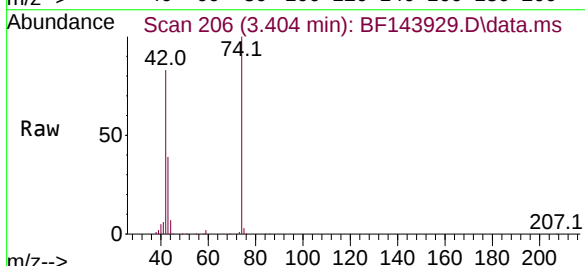
Tgt Ion: 42 Resp: 245517

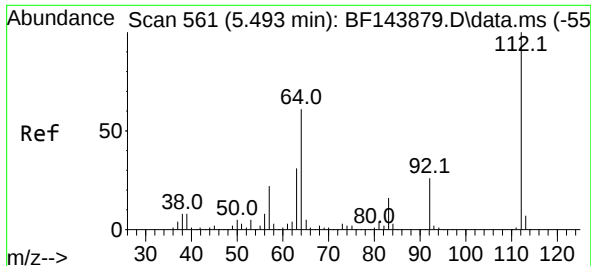
Ion Ratio Lower Upper

42 100

74 120.5 90.0 135.0

44 8.3 6.2 9.2

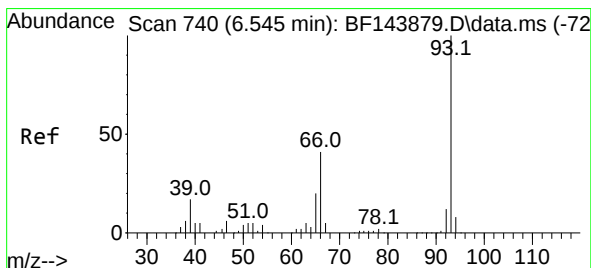
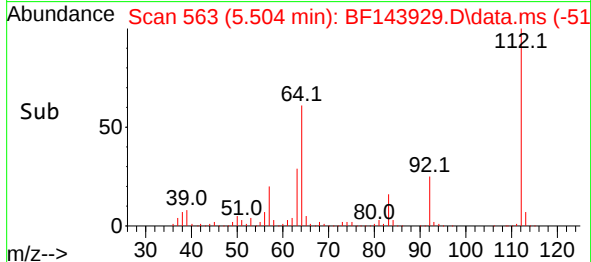
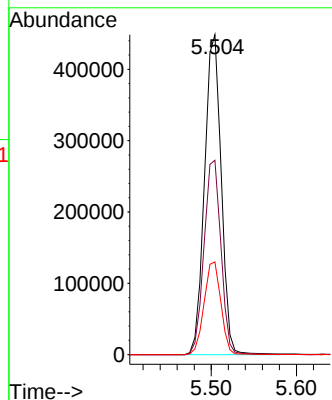
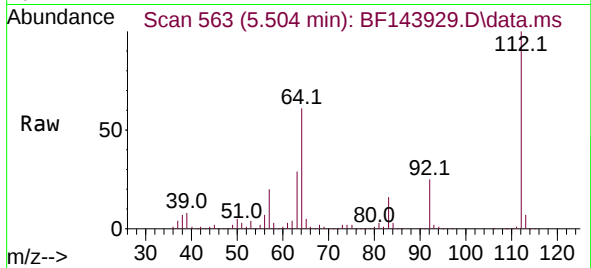




#5
2-Fluorophenol
Concen: 81.866 ng
RT: 5.504 min Scan# 561
Delta R.T. 0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

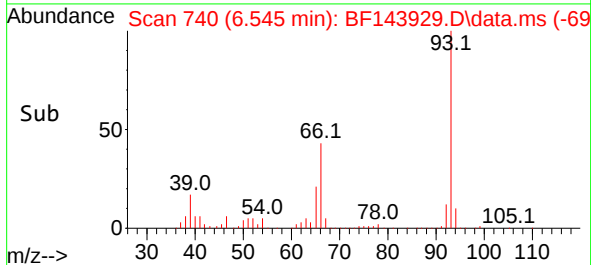
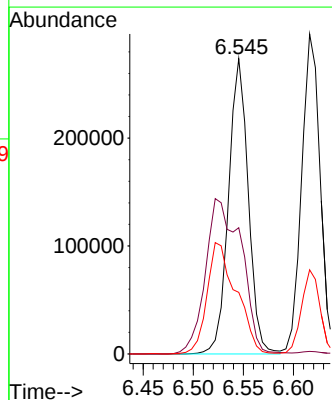
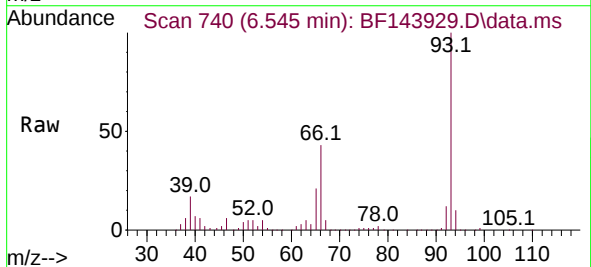
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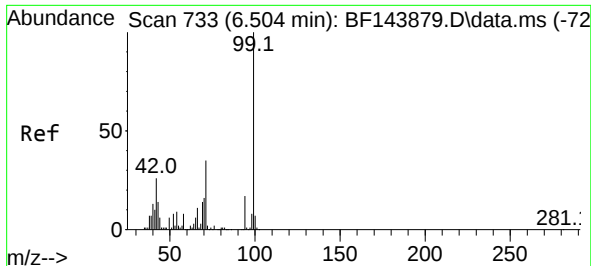
Tgt Ion:112 Resp: 610390
Ion Ratio Lower Upper
112 100
64 60.7 49.1 73.7
63 29.0 24.5 36.7



#6
Aniline
Concen: 28.232 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion: 93 Resp: 375981
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 20.8 15.8 23.8

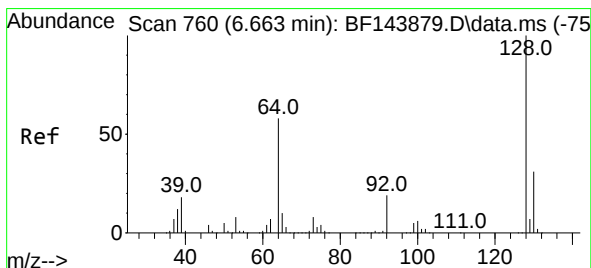
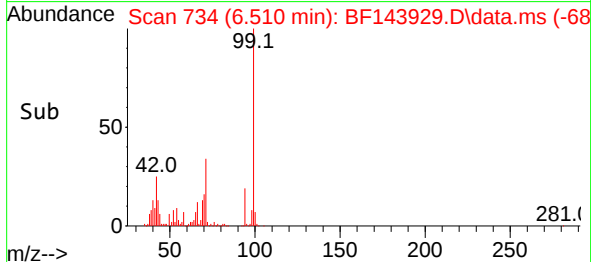
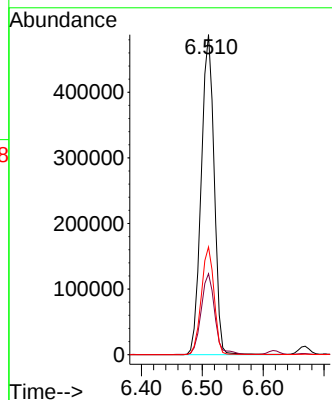
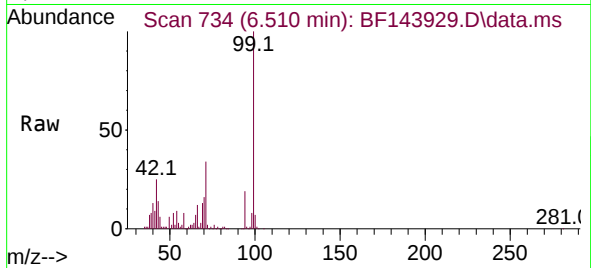




#7
Phenol-d6
Concen: 80.919 ng
RT: 6.510 min Scan# 734
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

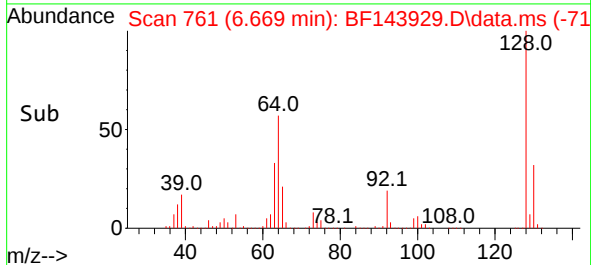
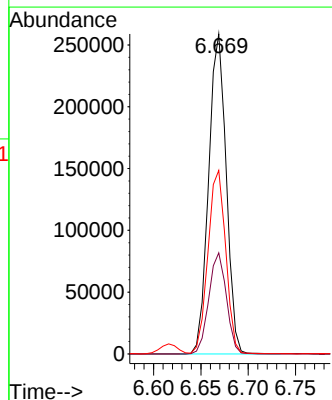
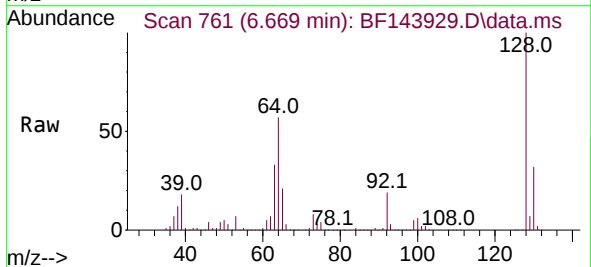
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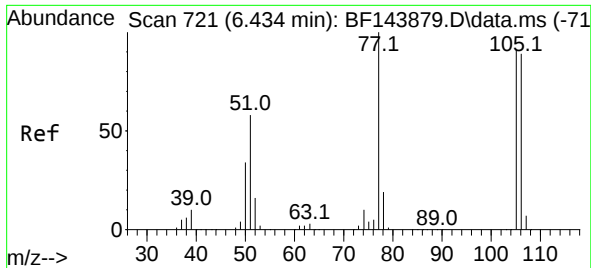
Tgt Ion: 99 Resp: 719140
Ion Ratio Lower Upper
99 100
42 25.3 21.0 31.4
71 33.6 27.8 41.8



#8
2-Chlorophenol
Concen: 45.888 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:128 Resp: 334438
Ion Ratio Lower Upper
128 100
130 31.6 10.7 50.7
64 57.3 39.0 79.0





#9

Benzaldehyde

Concen: 29.857 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

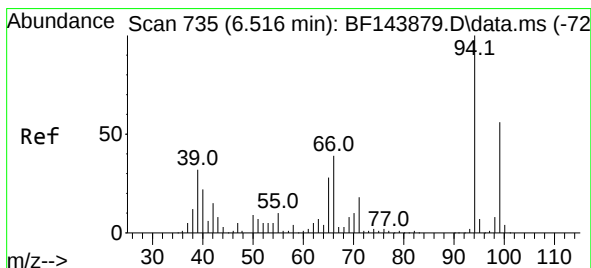
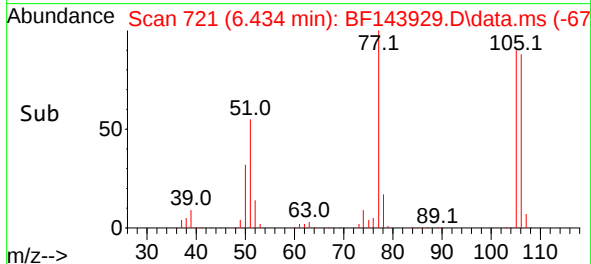
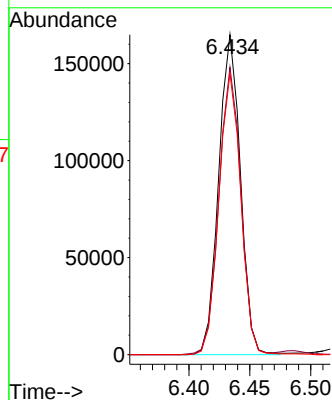
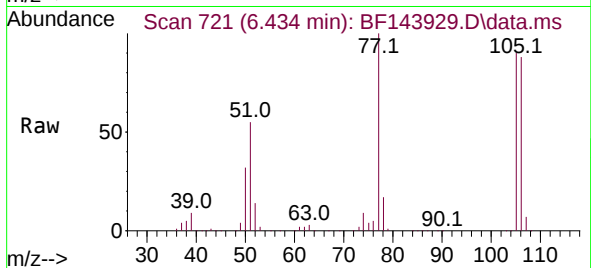
Tgt Ion: 77 Resp: 204688

Ion Ratio Lower Upper

77 100

105 89.8 70.9 110.9

106 87.8 68.9 108.9



#10

Phenol

Concen: 46.812 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

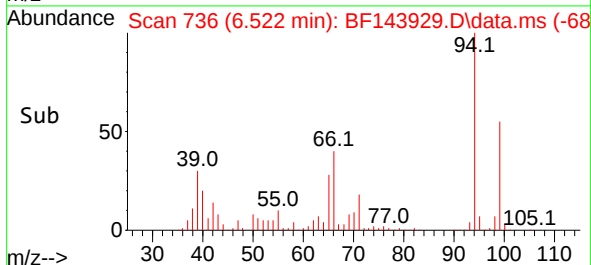
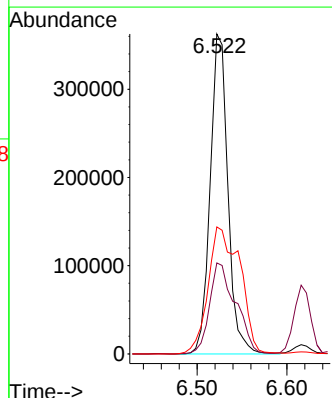
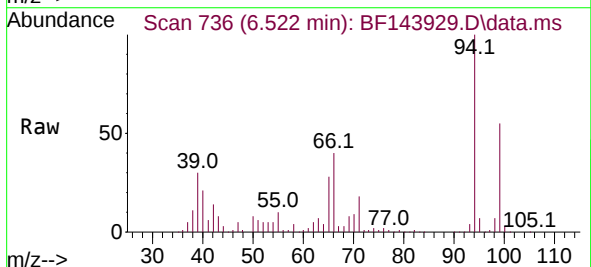
Tgt Ion: 94 Resp: 497367

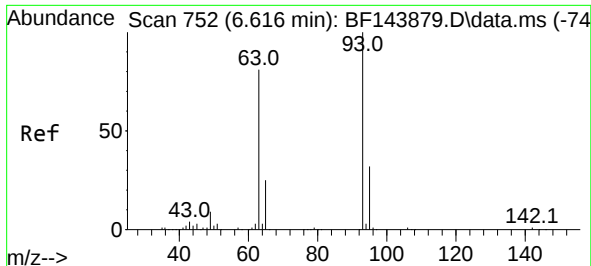
Ion Ratio Lower Upper

94 100

65 28.4 8.5 48.5

66 39.7 19.9 59.9

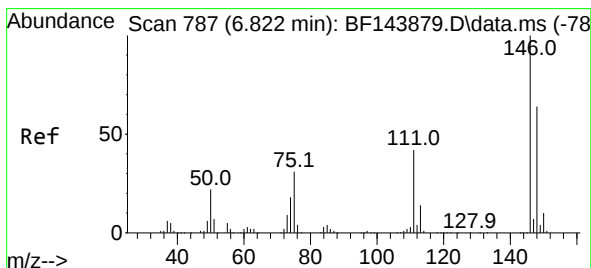
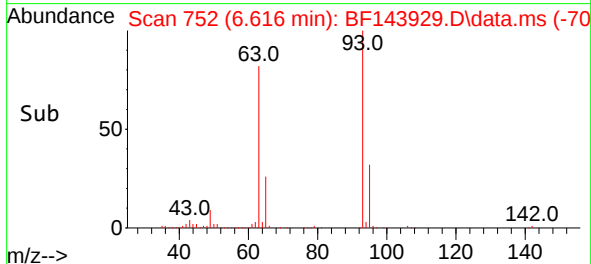
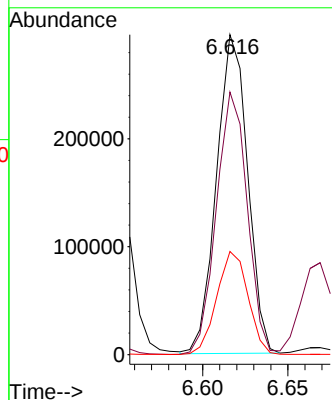
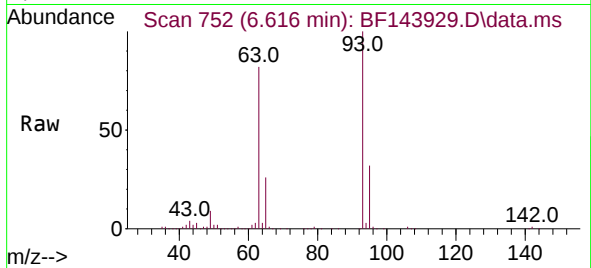




#11
bis(2-Chloroethyl)ether
Concen: 45.703 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

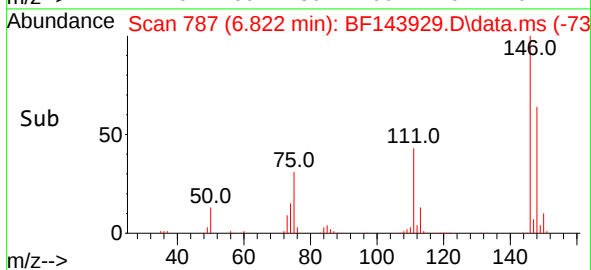
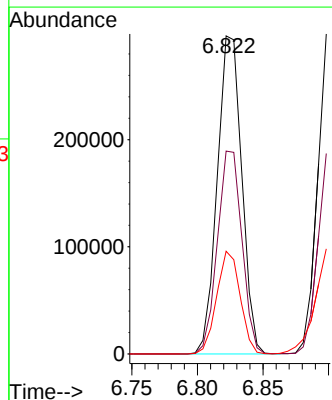
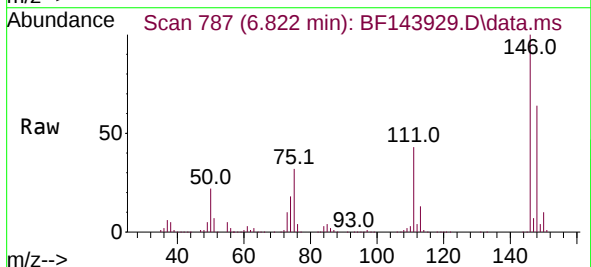
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

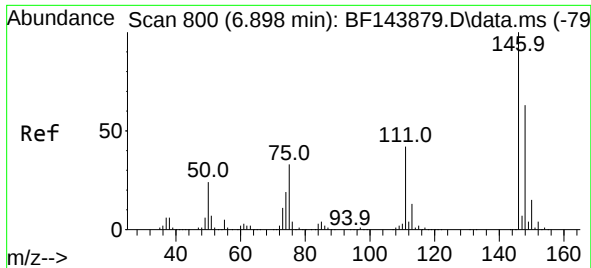
Tgt Ion: 93 Resp: 375103
Ion Ratio Lower Upper
93 100
63 82.0 60.9 100.9
95 32.2 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 44.262 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:146 Resp: 386144
Ion Ratio Lower Upper
146 100
148 63.8 51.0 76.4
75 32.3 24.9 37.3

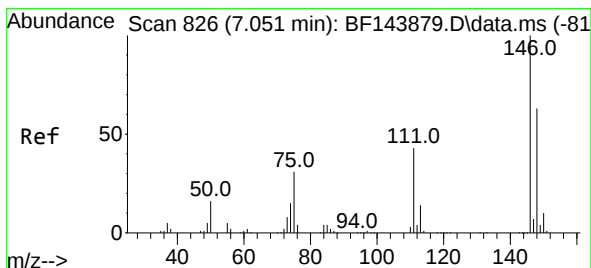
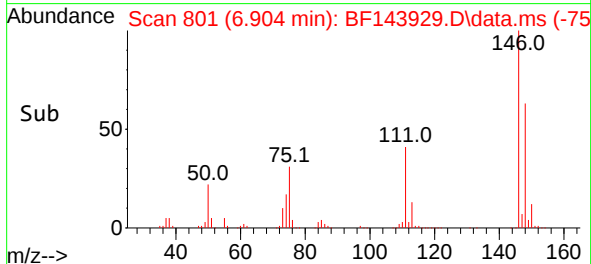
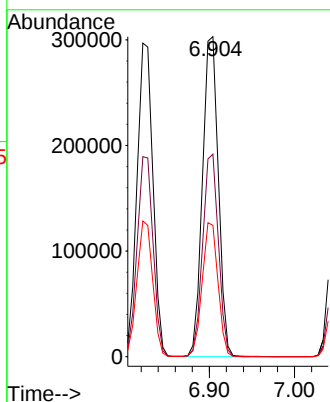
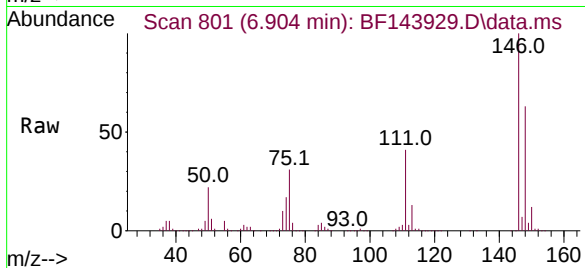




#13
1,4-Dichlorobenzene
Concen: 45.513 ng
RT: 6.904 min Scan# 801
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

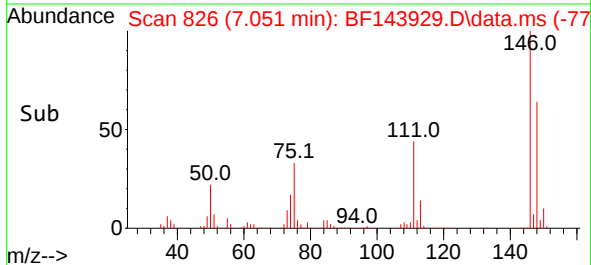
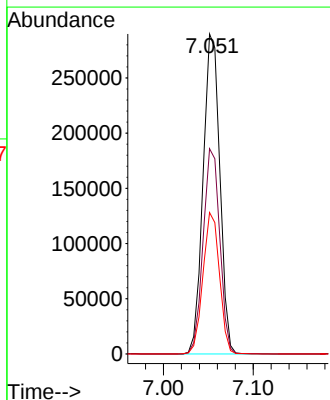
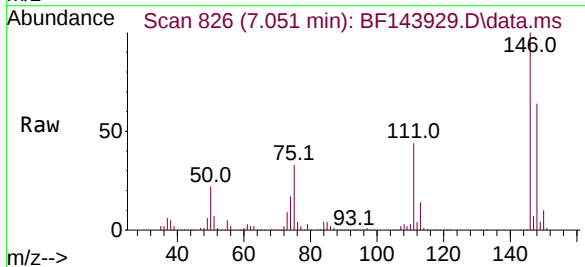
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

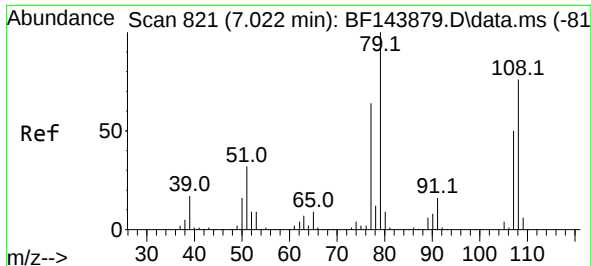
Tgt Ion:146 Resp: 391672
Ion Ratio Lower Upper
146 100
148 63.3 50.5 75.7
111 41.0 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 45.615 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:146 Resp: 375997
Ion Ratio Lower Upper
146 100
148 64.1 50.6 75.8
111 44.2 34.6 51.8



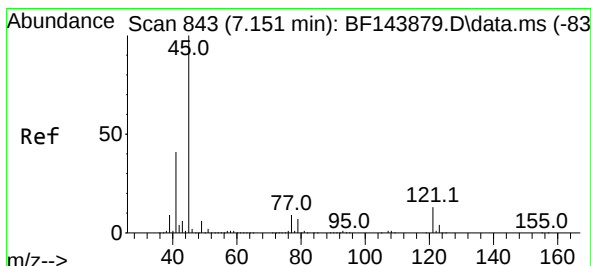
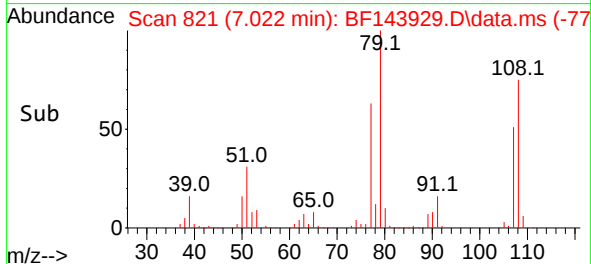
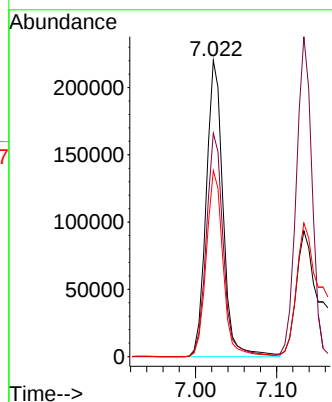
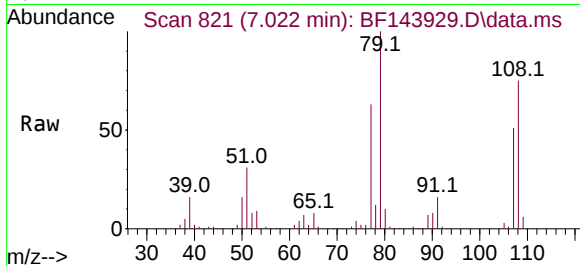


#15
Benzyl Alcohol
Concen: 47.677 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

Tgt Ion: 79 Resp: 317470

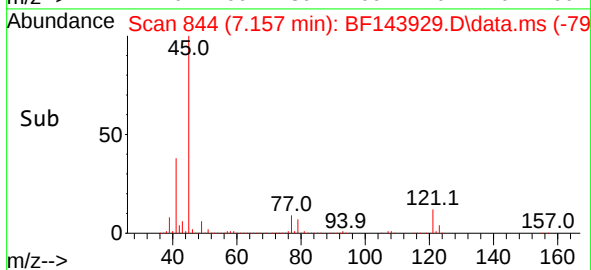
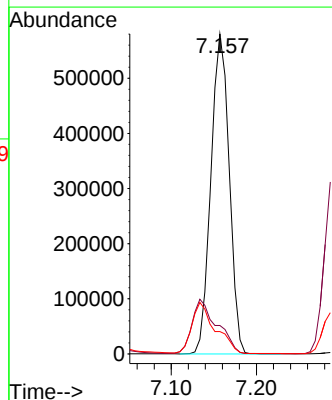
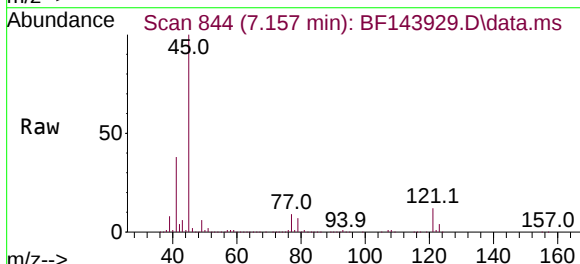
Ion	Ratio	Lower	Upper
79	100		
108	75.4	60.8	91.2
77	62.8	51.0	76.6

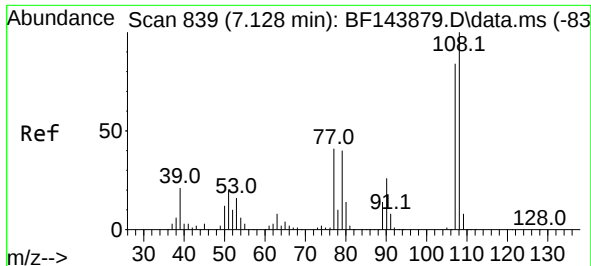


#16
2,2'-oxybis(1-chloropropane)
Concen: 46.375 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion: 45 Resp: 866381

Ion	Ratio	Lower	Upper
45	100		
77	8.9	0.0	29.0
79	7.0	0.0	26.8

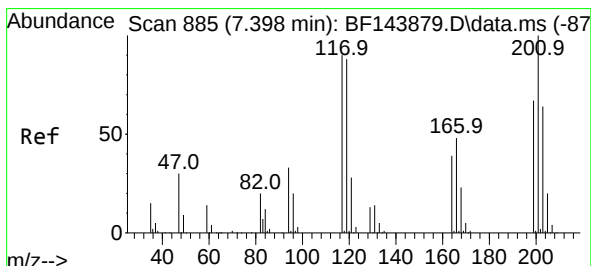
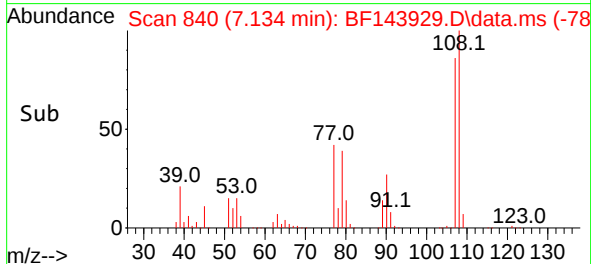
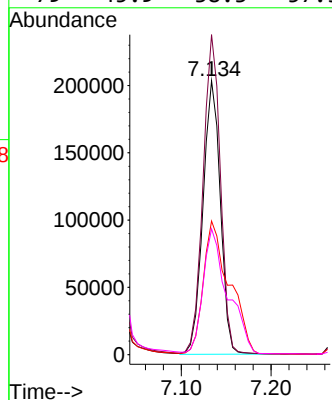
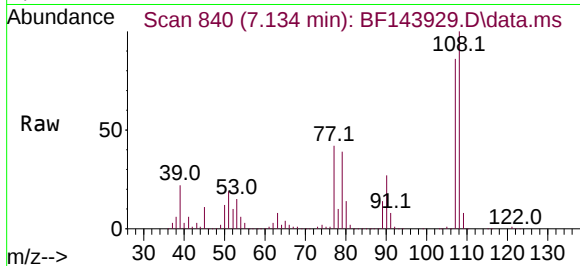




#17
2-Methylphenol
Concen: 45.374 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

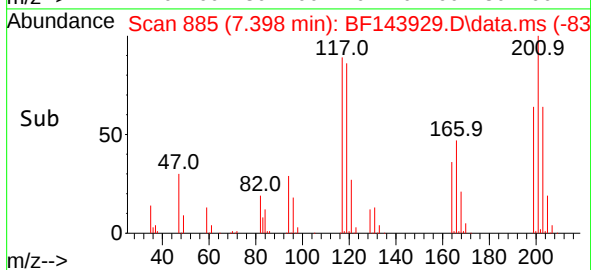
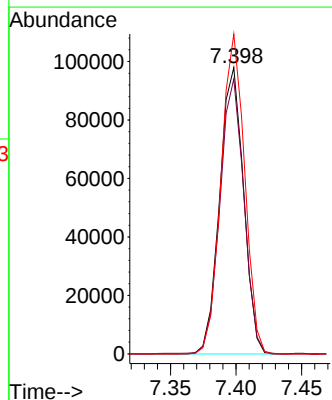
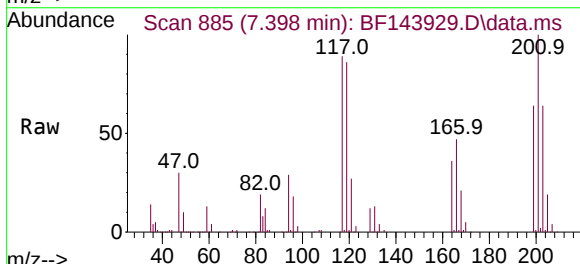
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

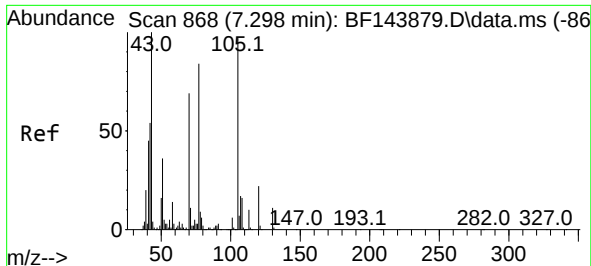
Tgt Ion:	107	Resp:	273298
Ion	Ratio	Lower	Upper
107	100		
108	116.9	94.7	142.1
77	48.8	38.8	58.2
79	45.9	38.3	57.5



#18
Hexachloroethane
Concen: 43.133 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:	117	Resp:	123788
Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.8	116.8
201	111.7	88.5	132.7





#19

n-Nitroso-di-n-propylamine

Concen: 42.406 ng

RT: 7.292 min Scan# 868

Delta R.T. -0.023 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

Tgt Ion: 70 Resp: 257967

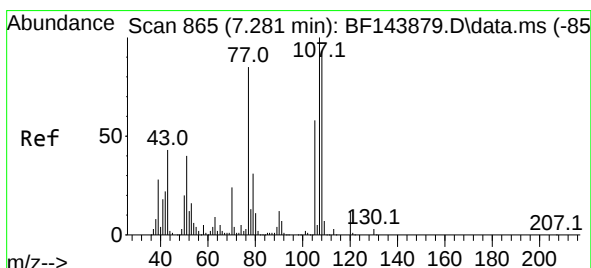
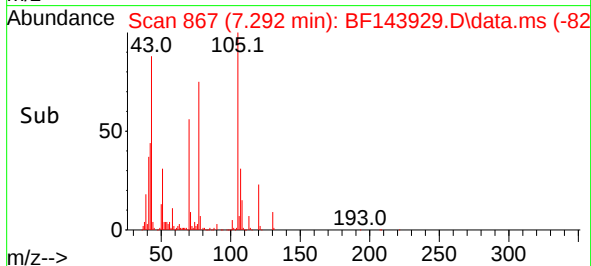
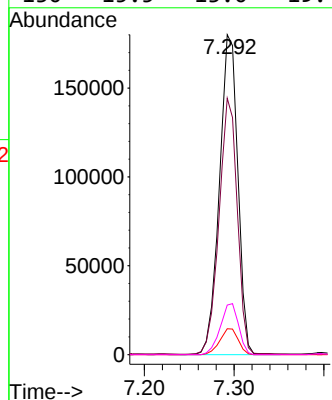
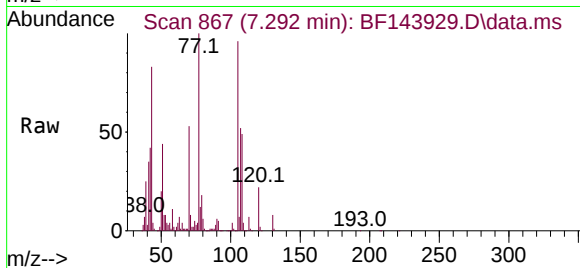
Ion Ratio Lower Upper

70 100

42 80.1 62.8 94.2

101 8.1 6.7 10.1

130 15.5 13.0 19.4



#20

3+4-Methylphenols

Concen: 43.998 ng

RT: 7.287 min Scan# 866

Delta R.T. -0.012 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Tgt Ion: 107 Resp: 307145

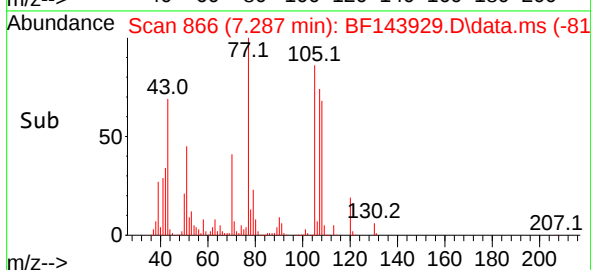
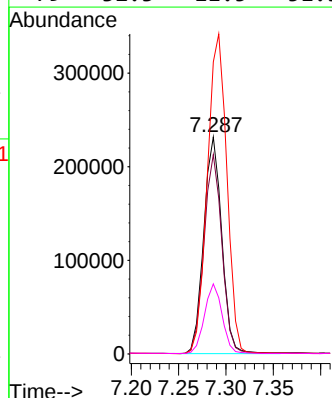
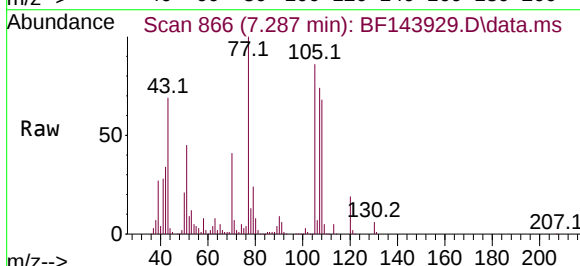
Ion Ratio Lower Upper

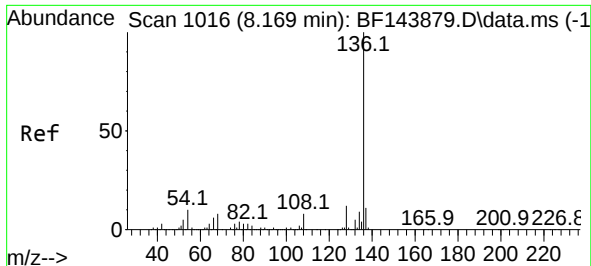
107 100

108 91.9 73.0 113.0

77 134.6 64.6 104.6#

79 32.3 11.5 51.5



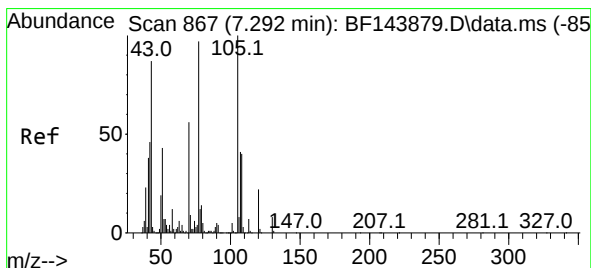
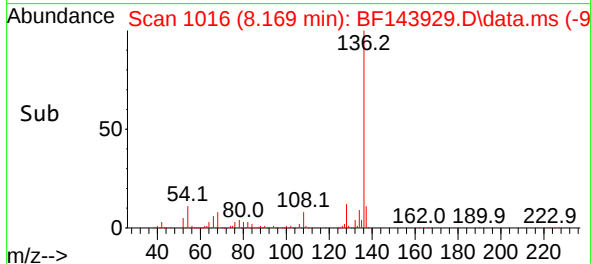
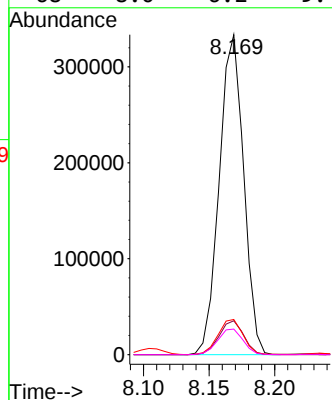
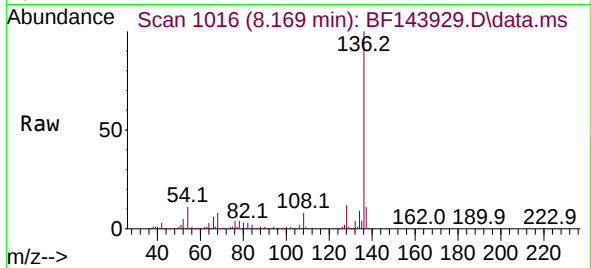


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

Tgt Ion:136 Resp: 432037

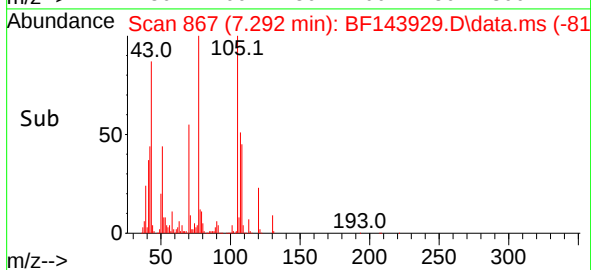
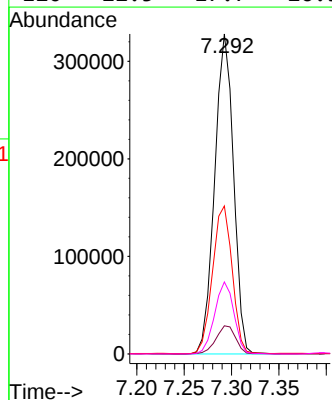
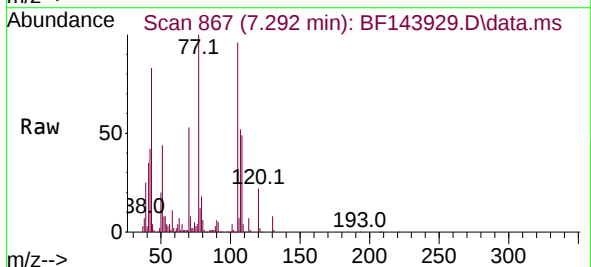
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	11.0	8.2	12.4
68	8.0	6.2	9.4

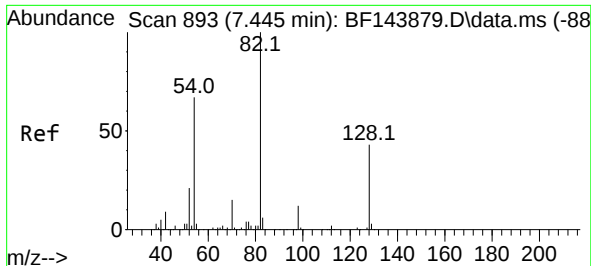


#22
Acetophenone
Concen: 49.835 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:105 Resp: 455250

Ion	Ratio	Lower	Upper
105	100		
71	8.8	7.4	11.0
51	46.2	34.2	51.4
120	22.5	17.7	26.5





#23

Nitrobenzene-d5

Concen: 57.384 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

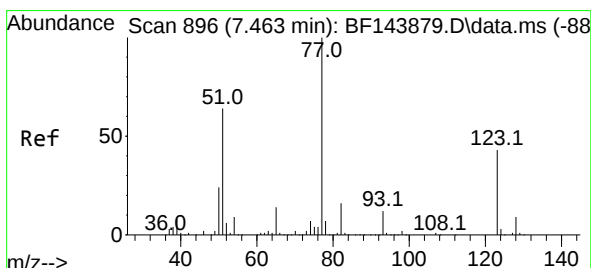
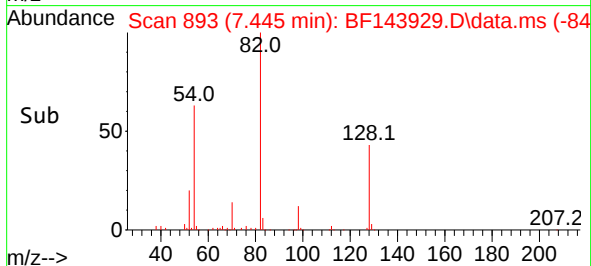
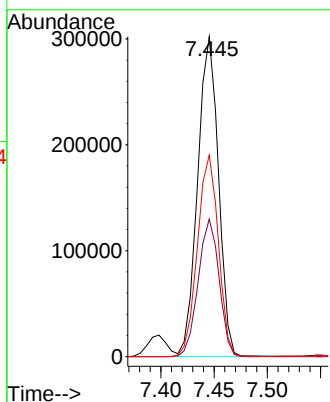
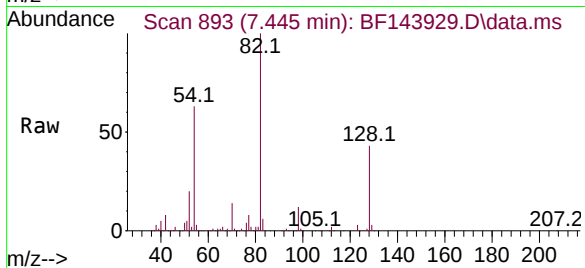
Tgt Ion: 82 Resp: 408065

Ion Ratio Lower Upper

82 100

128 43.0 34.0 51.0

54 63.0 53.2 79.8



#24

Nitrobenzene

Concen: 49.371 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

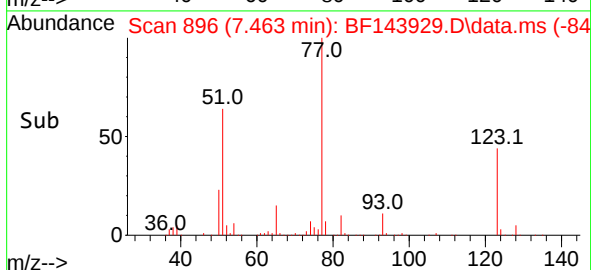
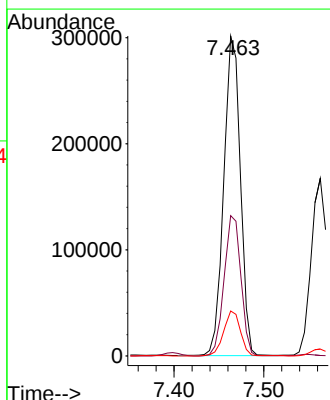
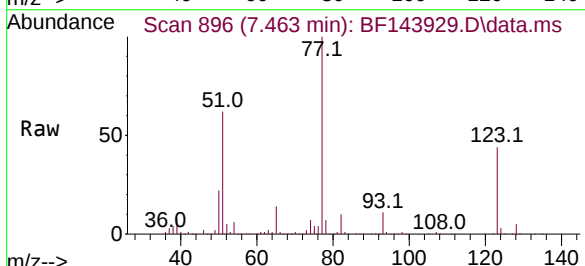
Tgt Ion: 77 Resp: 389887

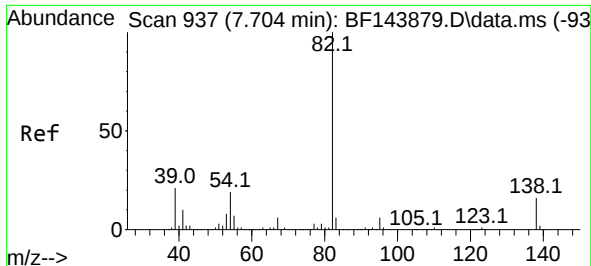
Ion Ratio Lower Upper

77 100

123 43.8 34.2 51.4

65 14.0 11.0 16.6

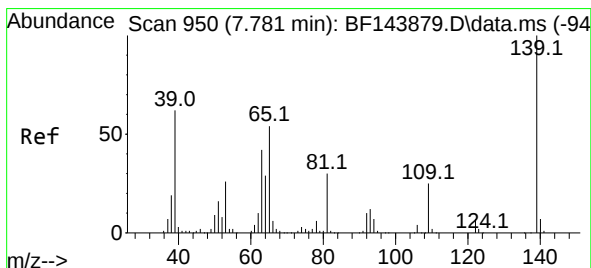
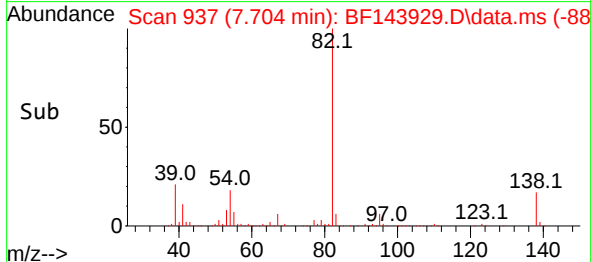
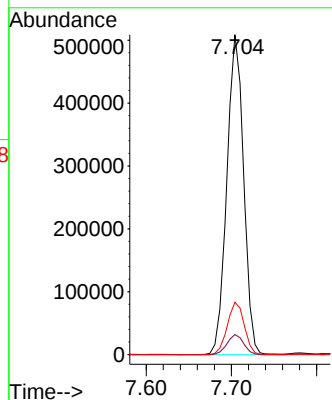
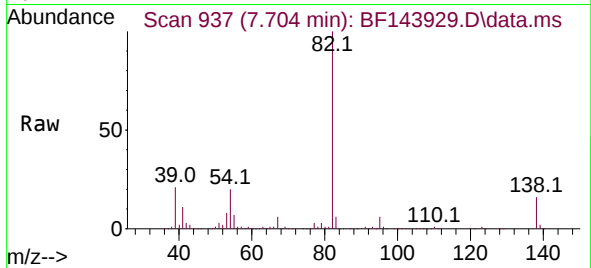




#25
Isophorone
Concen: 46.403 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

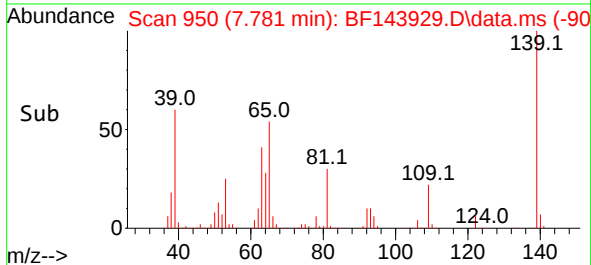
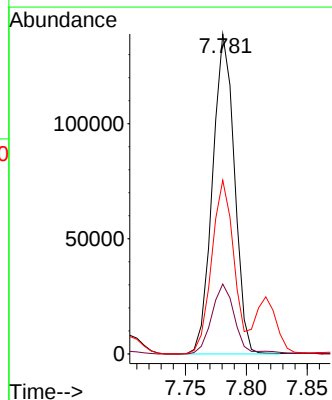
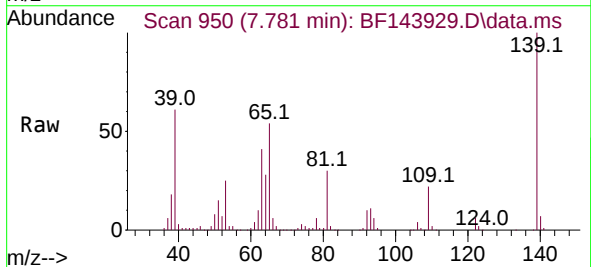
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

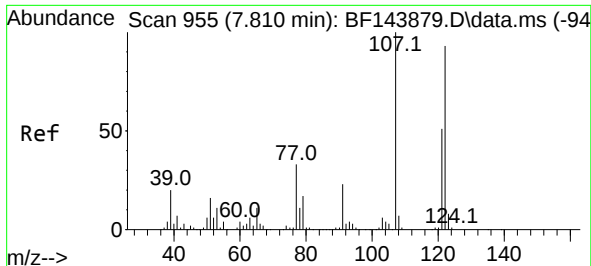
Tgt Ion: 82 Resp: 695779
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.4 12.9 19.3



#26
2-Nitrophenol
Concen: 51.426 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion: 139 Resp: 174112
Ion Ratio Lower Upper
139 100
109 21.8 19.8 29.6
65 54.3 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 51.813 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

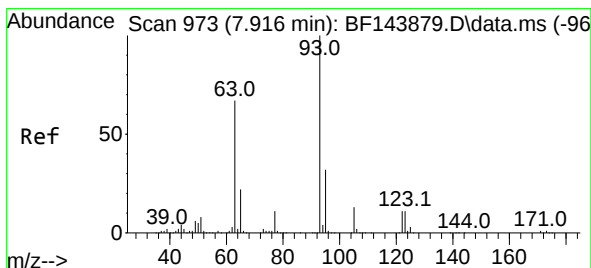
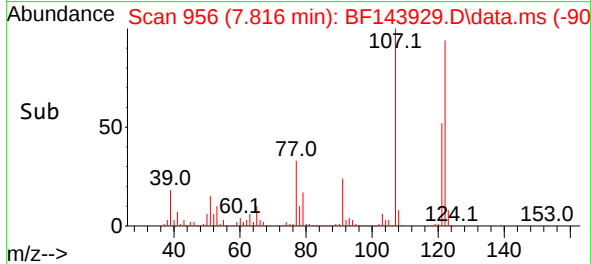
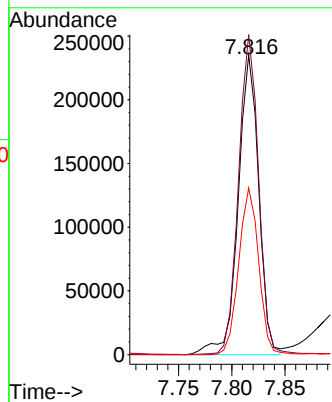
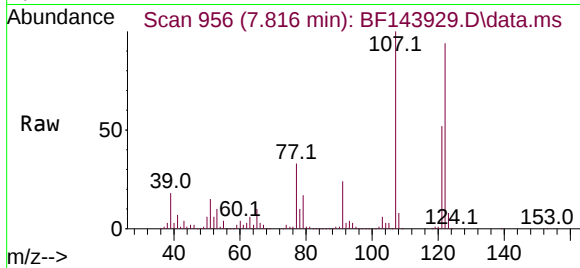
Tgt Ion:122 Resp: 315565

Ion Ratio Lower Upper

122 100

107 106.8 86.1 129.1

121 55.6 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 45.793 ng

RT: 7.916 min Scan# 973

Delta R.T. -0.006 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

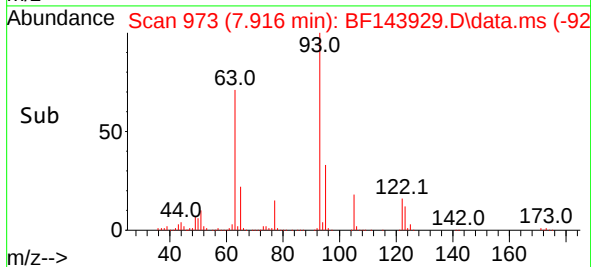
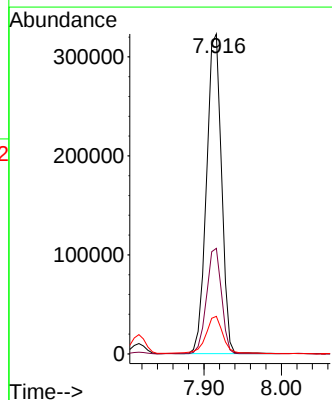
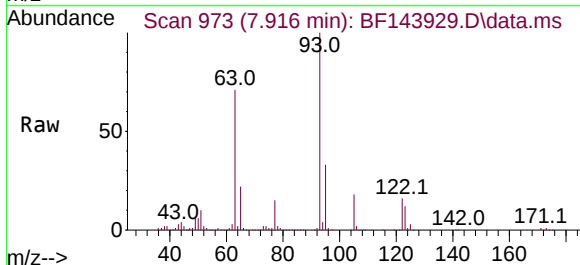
Tgt Ion: 93 Resp: 433734

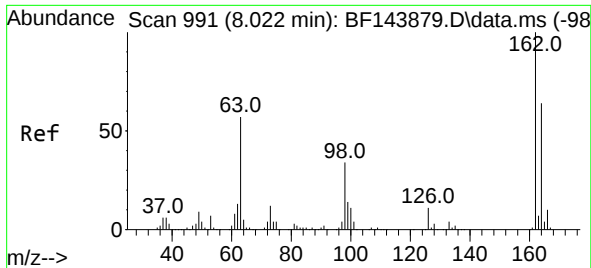
Ion Ratio Lower Upper

93 100

95 33.0 25.9 38.9

123 11.7 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 45.388 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

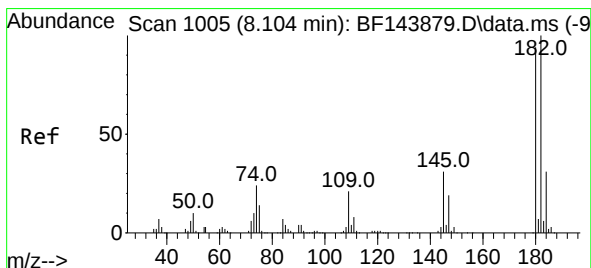
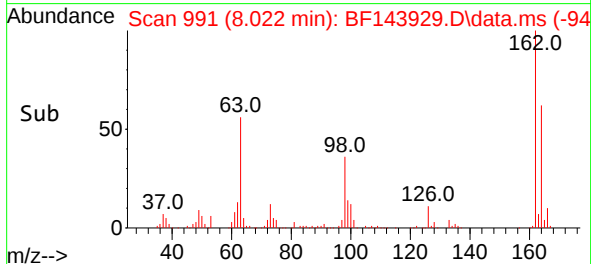
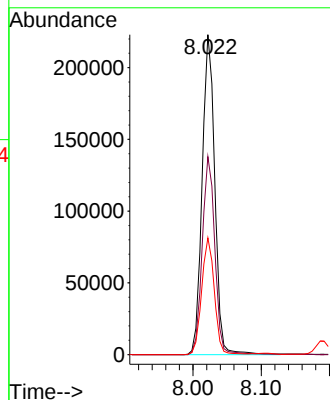
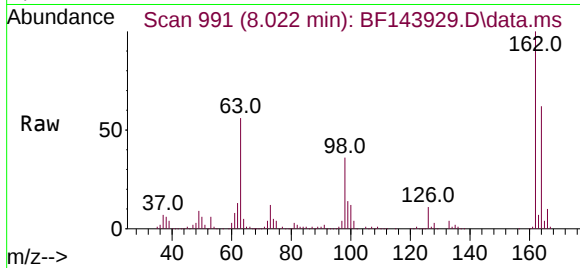
Tgt Ion:162 Resp: 287943

Ion Ratio Lower Upper

162 100

164 61.9 43.9 83.9

98 36.5 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 48.115 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

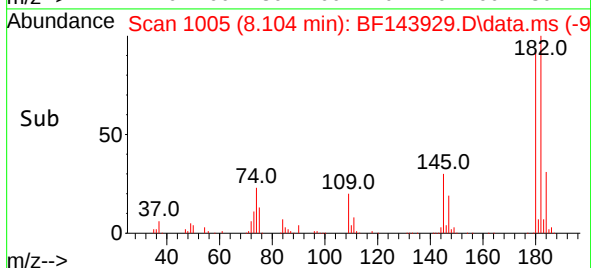
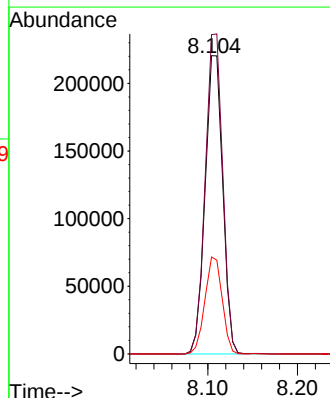
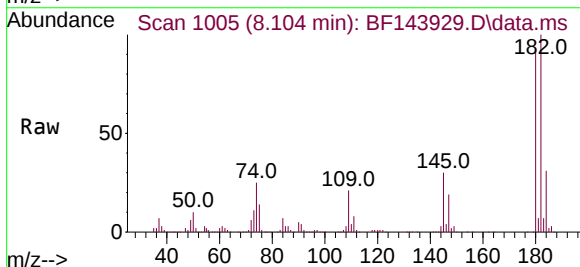
Tgt Ion:180 Resp: 300197

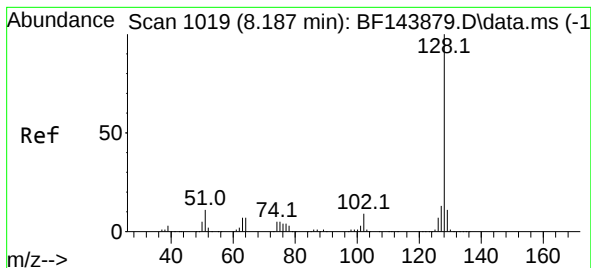
Ion Ratio Lower Upper

180 100

182 107.1 85.4 128.0

145 32.5 26.3 39.5





#31

Naphthalene

Concen: 47.423 ng

RT: 8.192 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

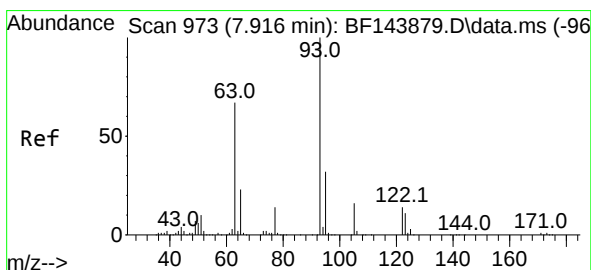
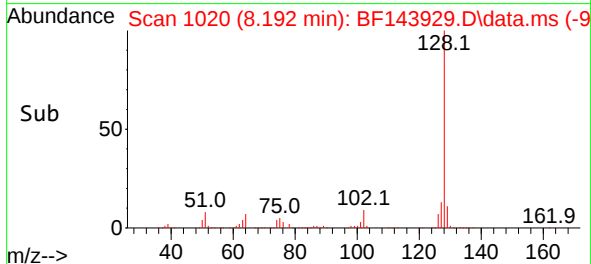
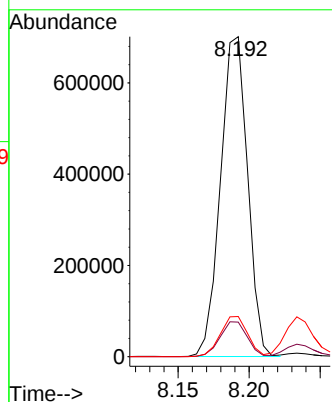
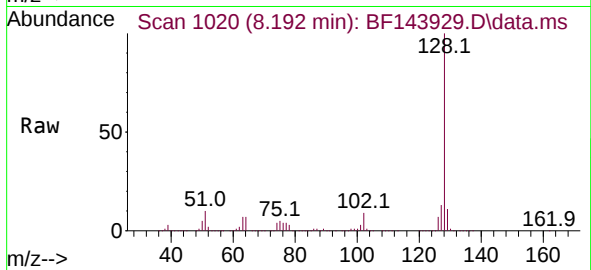
Tgt Ion:128 Resp: 932005

Ion Ratio Lower Upper

128 100

129 10.8 8.7 13.1

127 12.5 10.0 15.0



#32

Benzoic acid

Concen: 46.030 ng

RT: 7.928 min Scan# 975

Delta R.T. -0.035 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

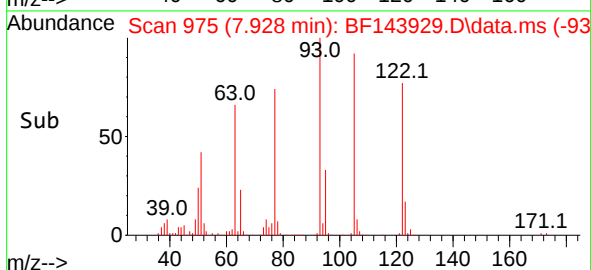
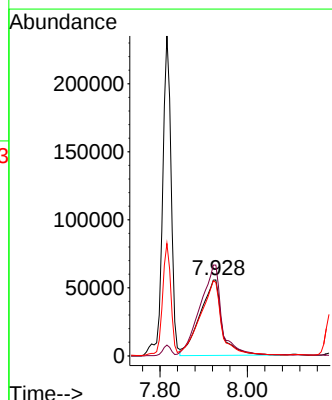
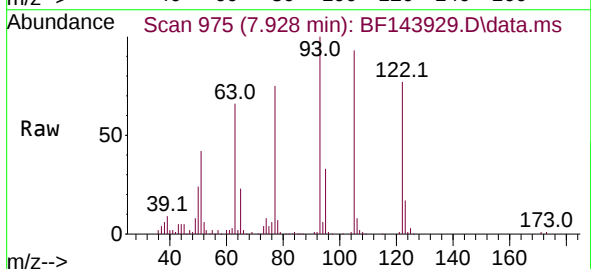
Tgt Ion:122 Resp: 194020

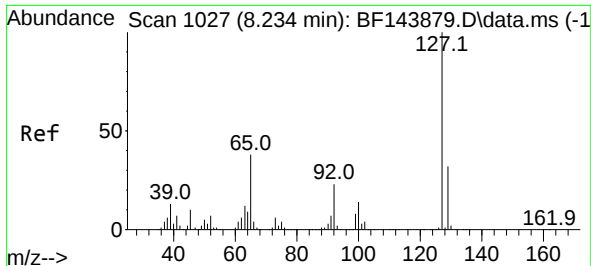
Ion Ratio Lower Upper

122 100

105 119.8 93.5 133.5

77 96.9 76.3 116.3

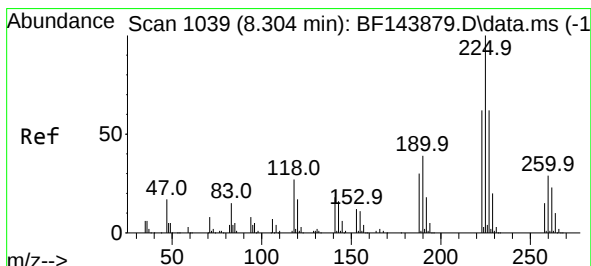
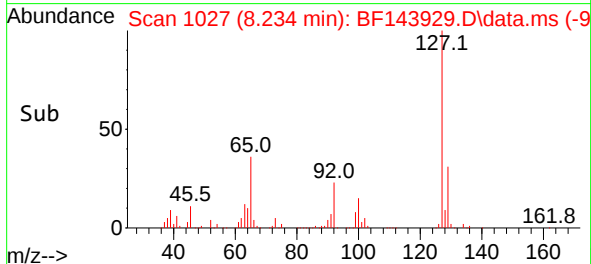
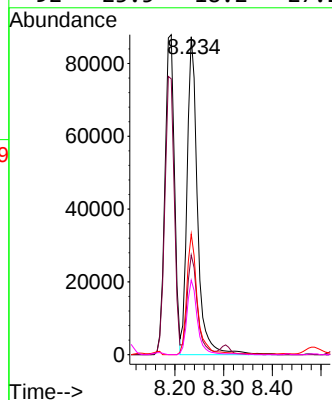
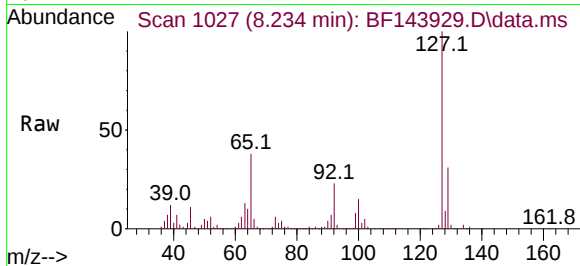




#33
4-Chloroaniline
Concen: 17.696 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

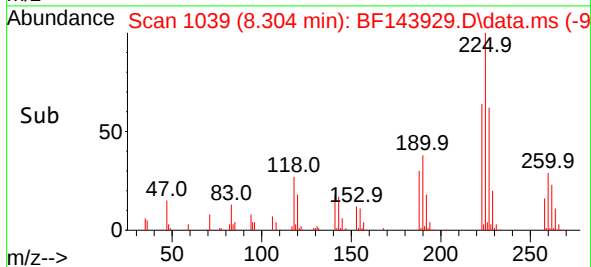
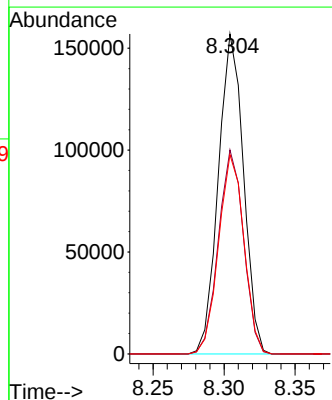
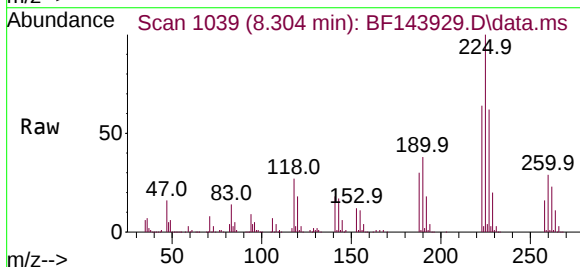
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

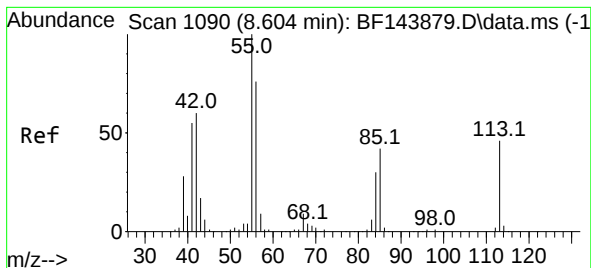
Tgt Ion:	127	Resp:	130435
Ion Ratio	Lower	Upper	
127	100		
129	31.3	25.8	38.8
65	37.9	30.0	45.0
92	23.5	18.2	27.2



#34
Hexachlorobutadiene
Concen: 44.702 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:	225	Resp:	193808
Ion Ratio	Lower	Upper	
225	100		
223	63.7	49.4	74.2
227	62.2	49.7	74.5





#35

Caprolactam

Concen: 45.357 ng

RT: 8.604 min Scan# 1090

Delta R.T. -0.041 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

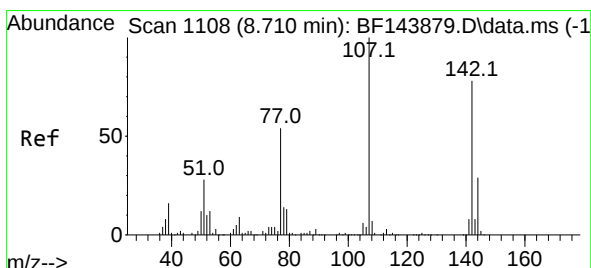
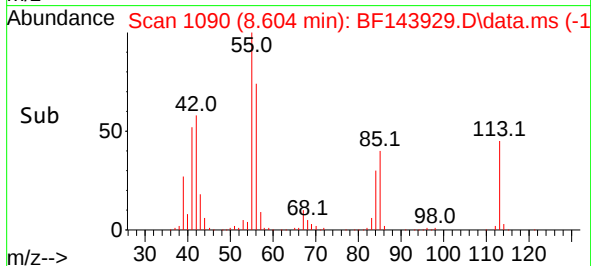
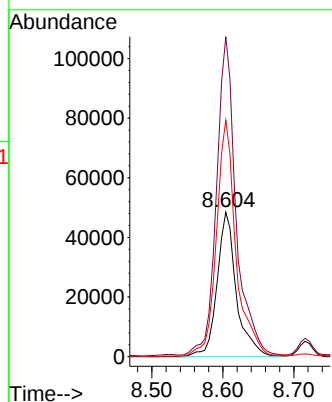
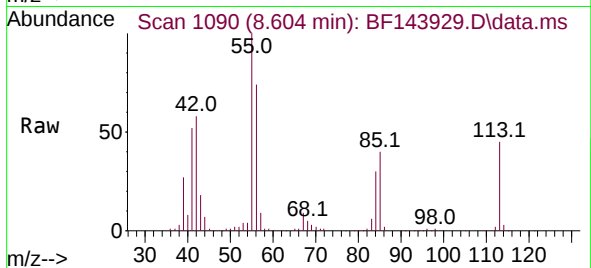
Tgt Ion:113 Resp: 91491

Ion Ratio Lower Upper

113 100

55 221.7 199.6 239.6

56 163.8 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 42.883 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

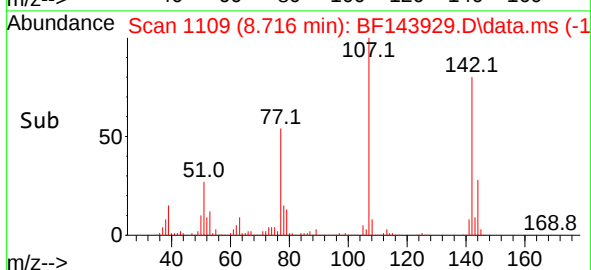
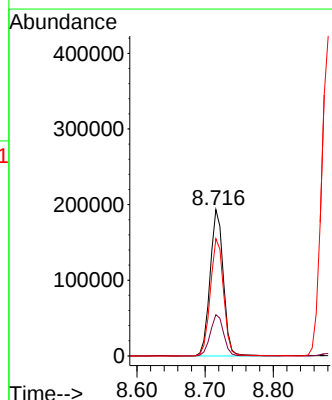
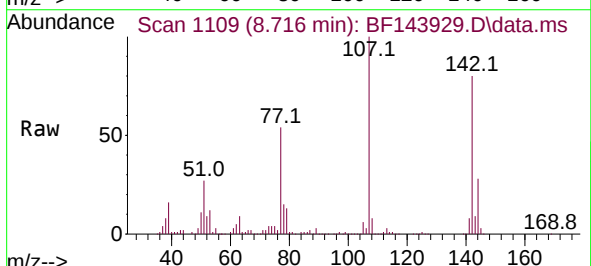
Tgt Ion:107 Resp: 261321

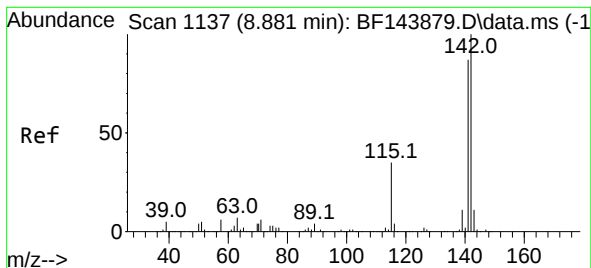
Ion Ratio Lower Upper

107 100

144 28.2 23.1 34.7

142 80.1 62.6 94.0





#37

2-Methylnaphthalene

Concen: 40.859 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

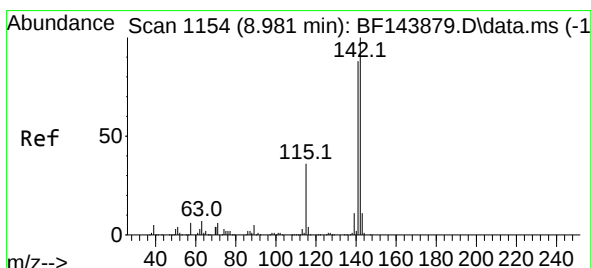
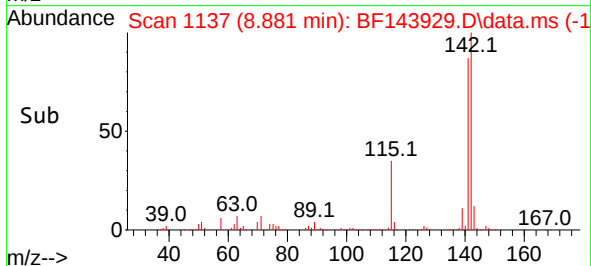
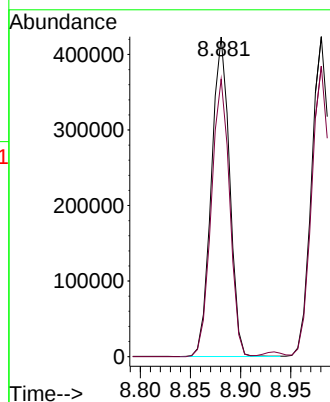
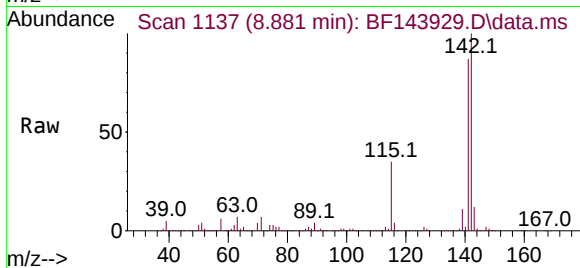
SS-01-0-1MSD

Tgt Ion:142 Resp: 534905

Ion Ratio Lower Upper

142 100

141 86.8 69.2 103.8



#38

1-Methylnaphthalene

Concen: 41.984 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143929.D

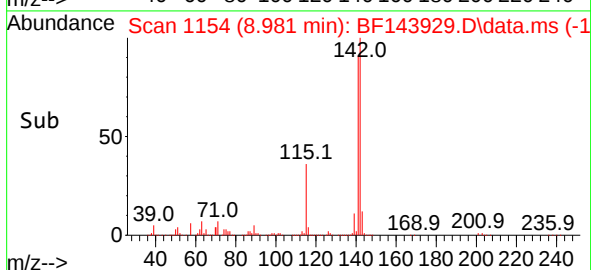
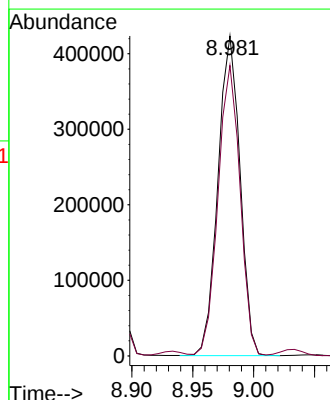
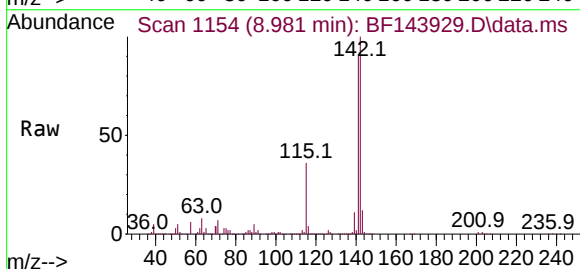
Acq: 10 Oct 2025 17:18

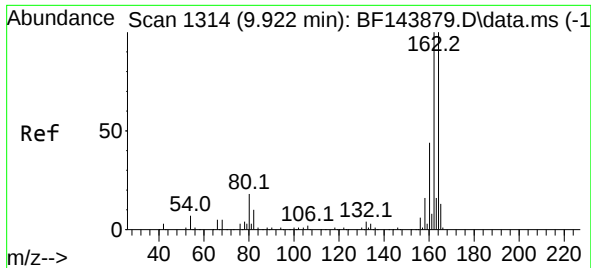
Tgt Ion:142 Resp: 533120

Ion Ratio Lower Upper

142 100

141 90.8 70.8 106.2

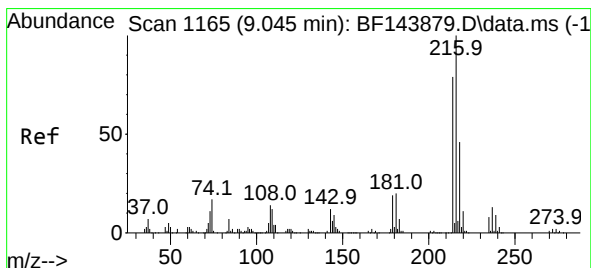
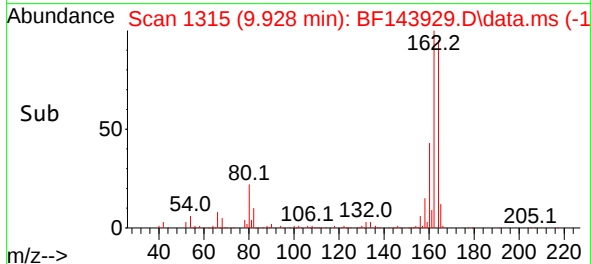
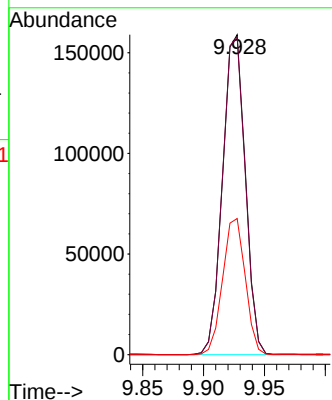
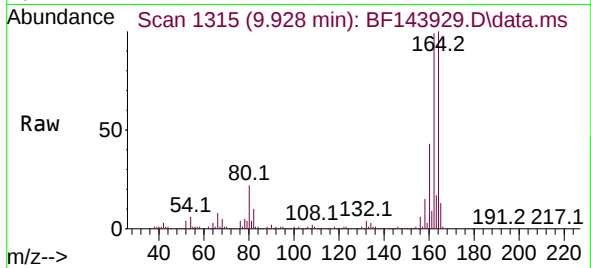




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1314
Delta R.T. 0.001 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

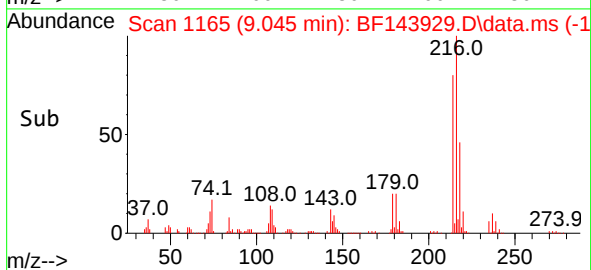
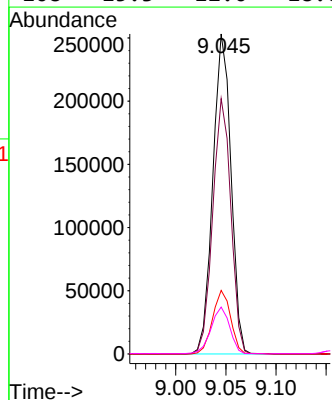
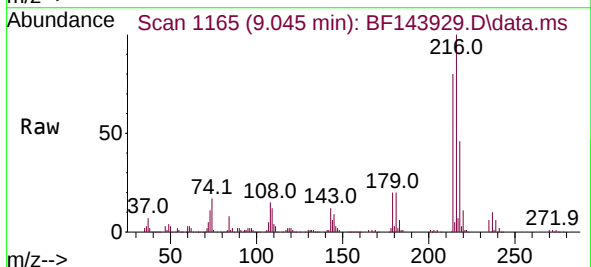
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

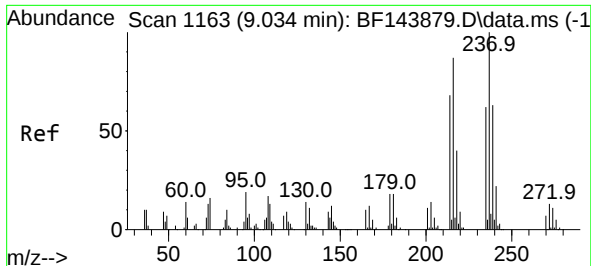
Tgt Ion:164 Resp: 206418
Ion Ratio Lower Upper
164 100
162 99.2 80.2 120.2
160 42.5 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 55.612 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:216 Resp: 317275
Ion Ratio Lower Upper
216 100
214 79.5 62.6 94.0
179 19.8 15.4 23.0
108 15.3 12.0 18.0

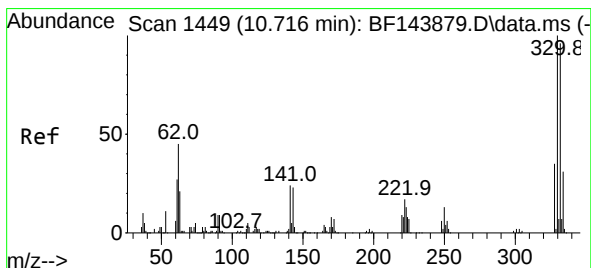
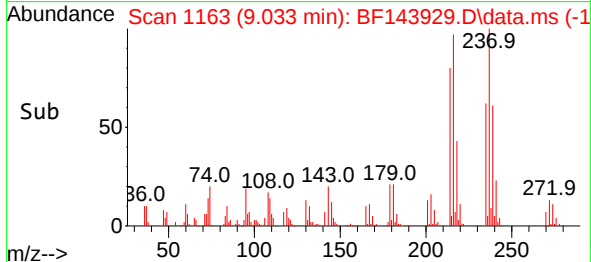
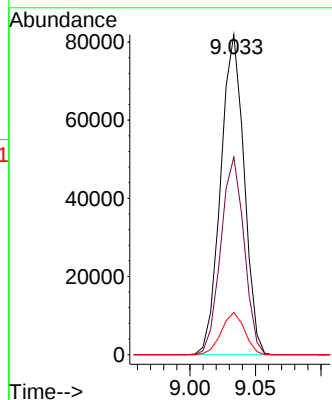
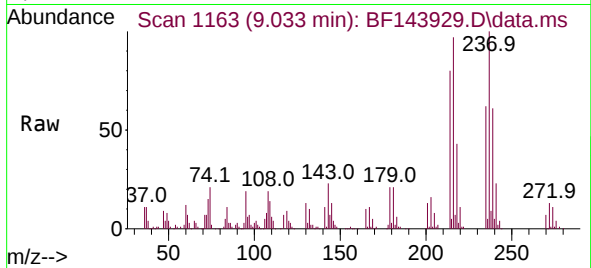




#41
Hexachlorocyclopentadiene
Concen: 42.971 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

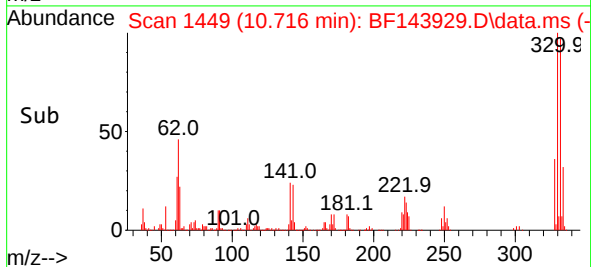
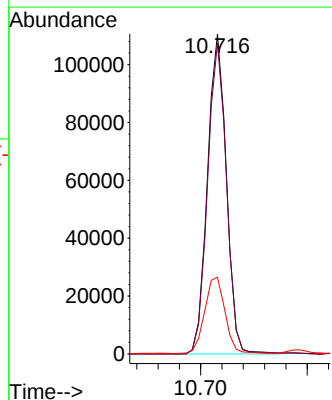
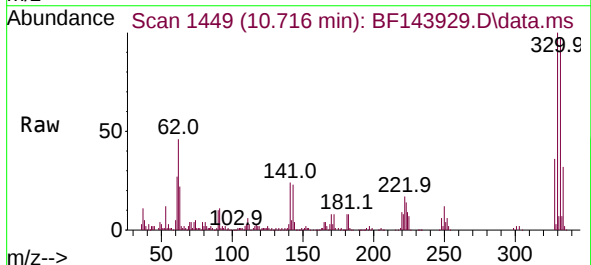
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

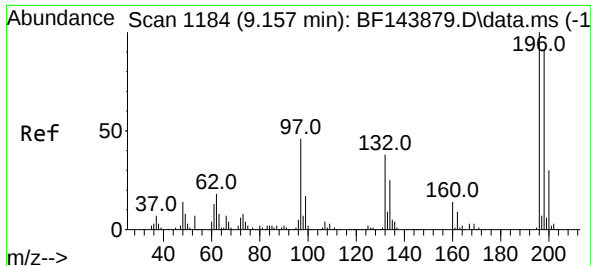
Tgt Ion:237 Resp: 101705
Ion Ratio Lower Upper
237 100
235 61.7 42.3 82.3
272 13.2 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 66.082 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:330 Resp: 135862
Ion Ratio Lower Upper
330 100
332 97.1 76.9 115.3
141 25.6 20.2 30.4

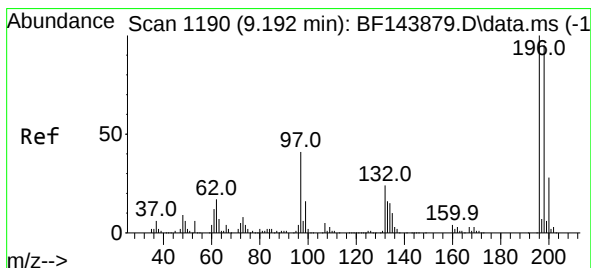
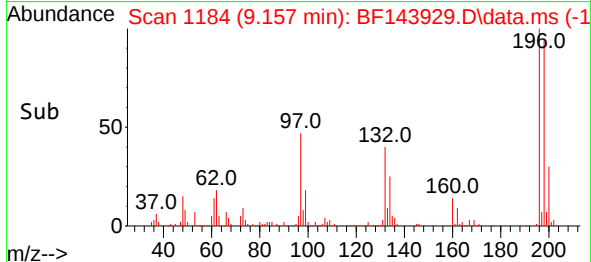
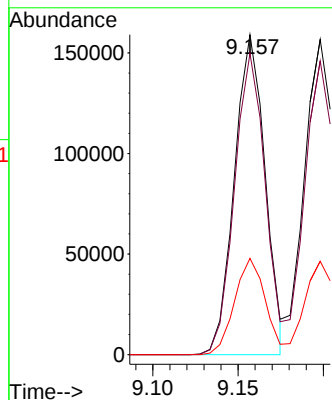
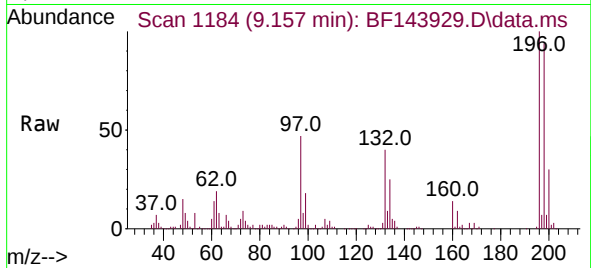




#43
2,4,6-Trichlorophenol
Concen: 47.785 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

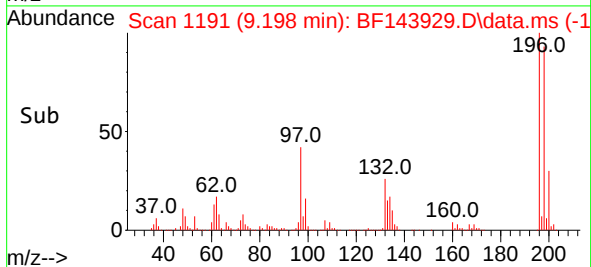
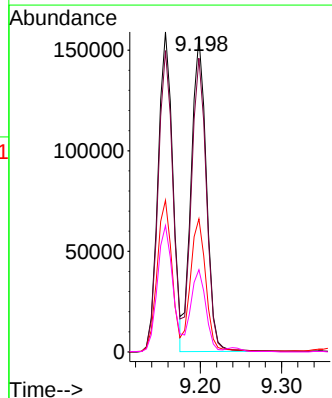
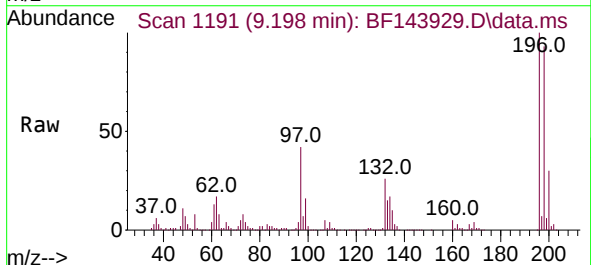
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

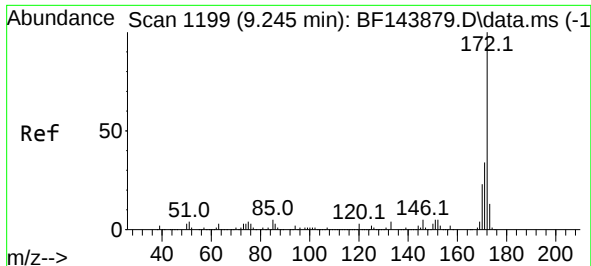
Tgt Ion:196 Resp: 199193
Ion Ratio Lower Upper
196 100
198 94.1 72.8 109.2
200 30.1 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 45.881 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:196 Resp: 202113
Ion Ratio Lower Upper
196 100
198 93.2 75.5 113.3
97 42.2 33.9 50.9
132 26.1 20.0 30.0

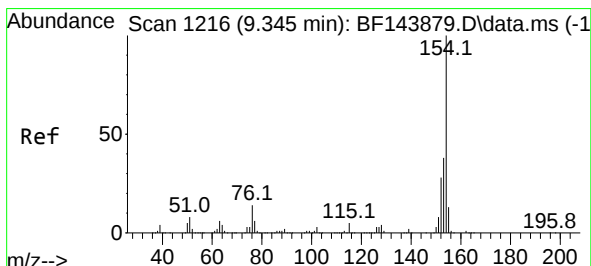
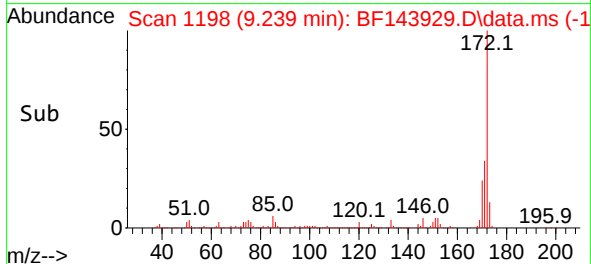
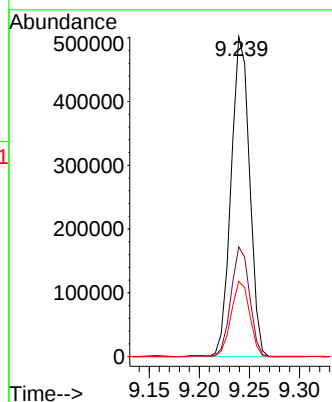
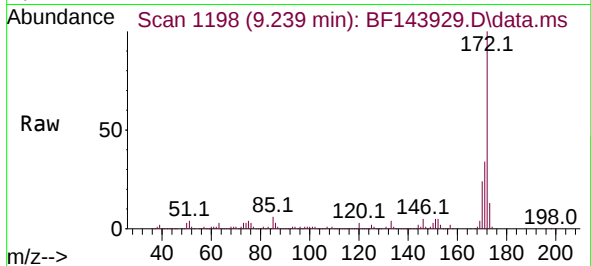




#45
2-Fluorobiphenyl
Concen: 49.386 ng
RT: 9.239 min Scan# 1198
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

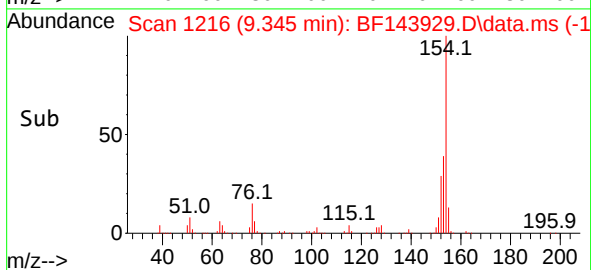
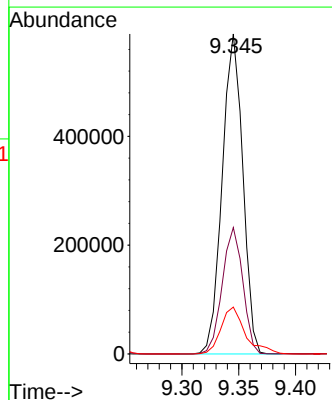
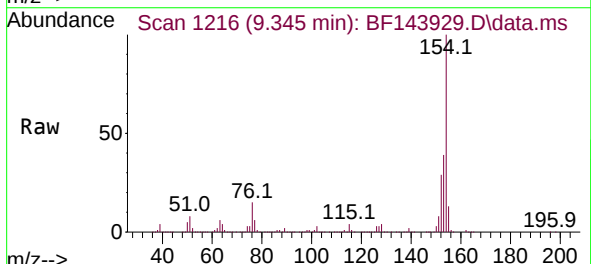
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

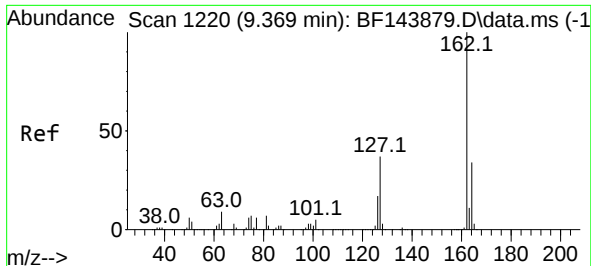
Tgt Ion:172 Resp: 642465
Ion Ratio Lower Upper
172 100
171 34.3 27.4 41.0
170 23.5 18.6 28.0



#46
1,1'-Biphenyl
Concen: 54.100 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:154 Resp: 739365
Ion Ratio Lower Upper
154 100
153 39.5 18.4 58.4
76 14.6 0.0 34.0

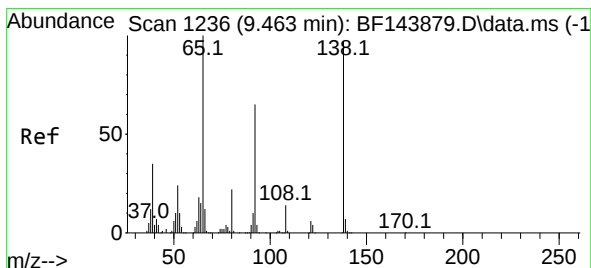
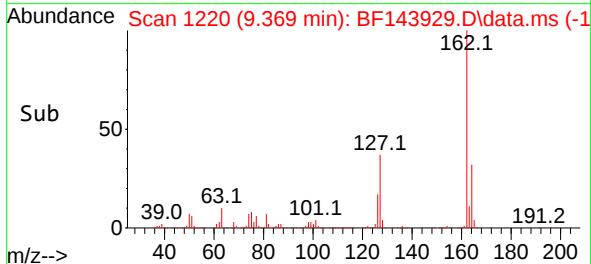
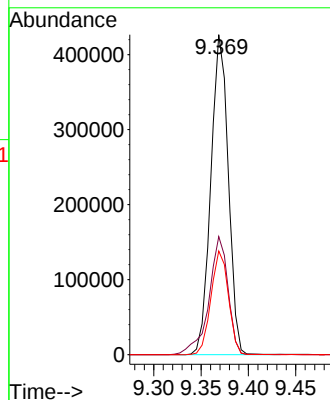
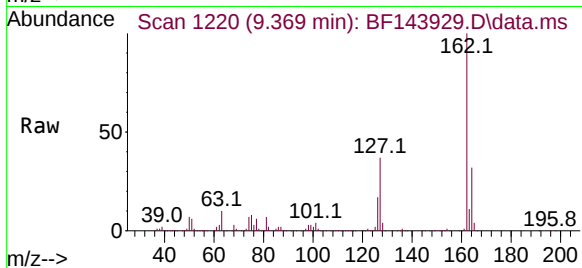




#47
2-Chloronaphthalene
Concen: 48.035 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

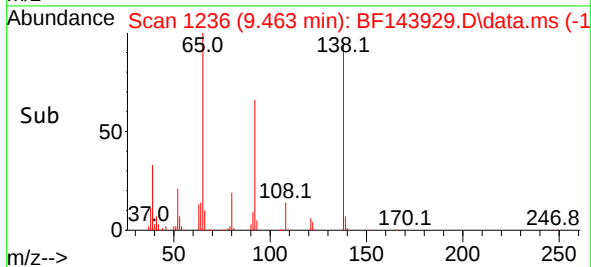
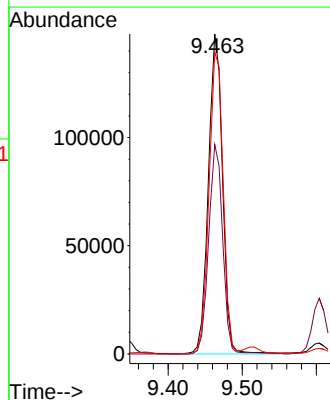
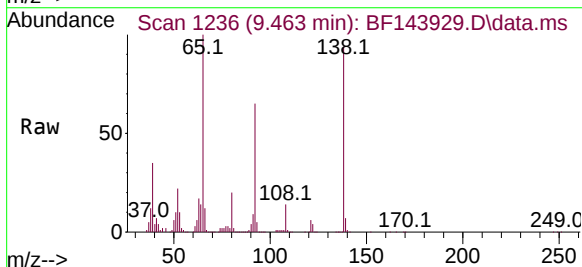
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

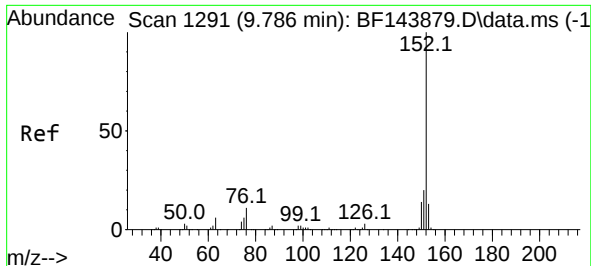
Tgt Ion:162 Resp: 547343
Ion Ratio Lower Upper
162 100
127 36.9 30.2 45.2
164 32.4 26.9 40.3



#48
2-Nitroaniline
Concen: 54.273 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion: 65 Resp: 195519
Ion Ratio Lower Upper
65 100
92 65.4 52.1 78.1
138 94.2 77.4 116.2





#49

Acenaphthylene

Concen: 52.605 ng

RT: 9.786 min Scan# 1291

Delta R.T. 0.000 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

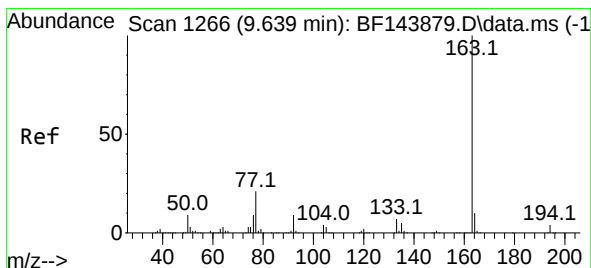
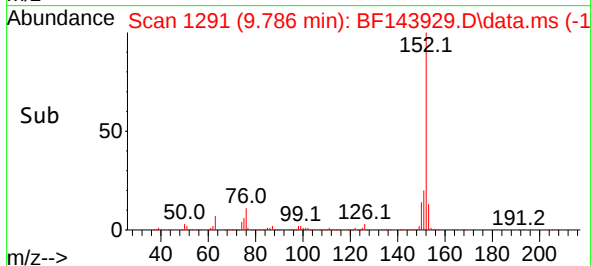
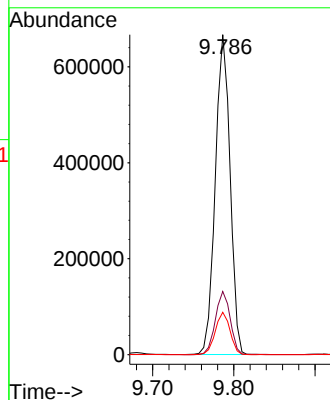
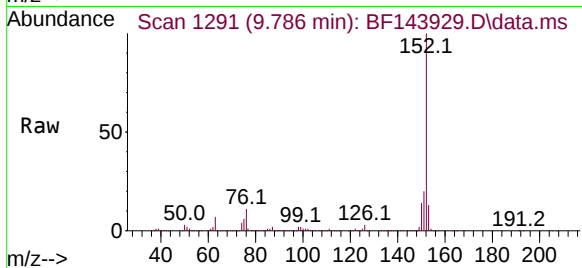
Tgt Ion:152 Resp: 842706

Ion Ratio Lower Upper

152 100

151 19.7 15.8 23.6

153 13.2 10.5 15.7



#50

Dimethylphthalate

Concen: 49.783 ng

RT: 9.645 min Scan# 1267

Delta R.T. 0.000 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

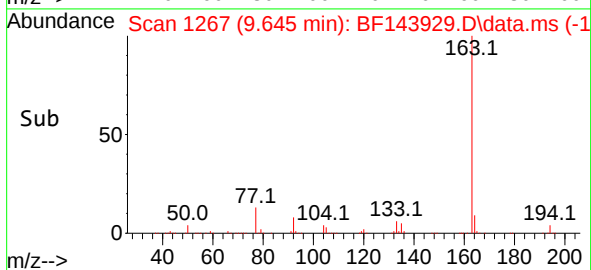
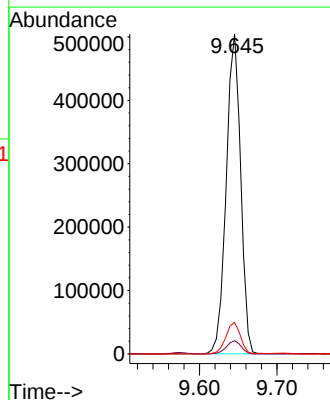
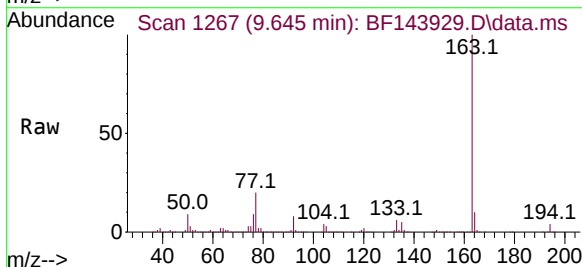
Tgt Ion:163 Resp: 652573

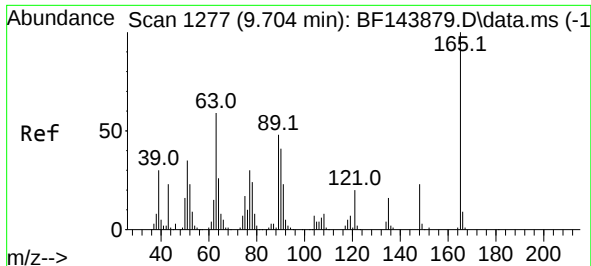
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 9.8 8.1 12.1

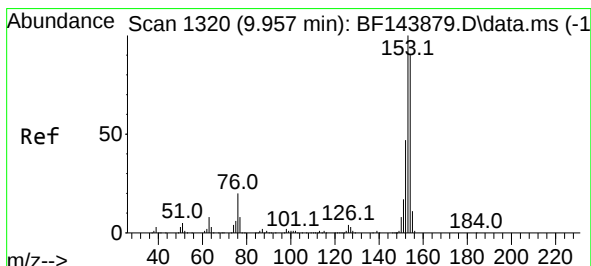
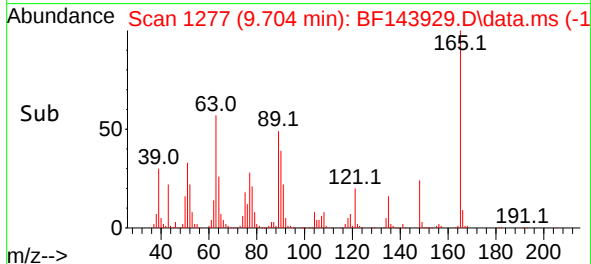
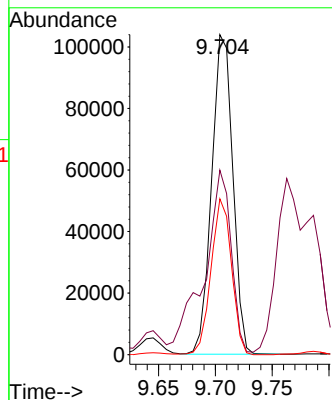
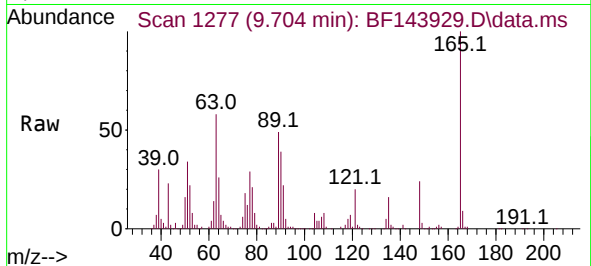




#51
2,6-Dinitrotoluene
Concen: 55.258 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

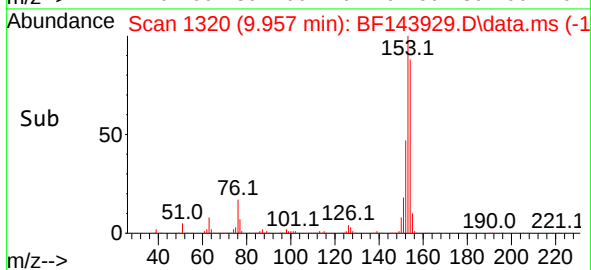
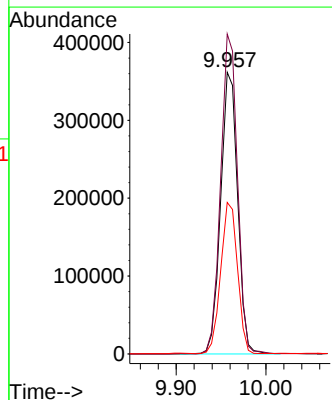
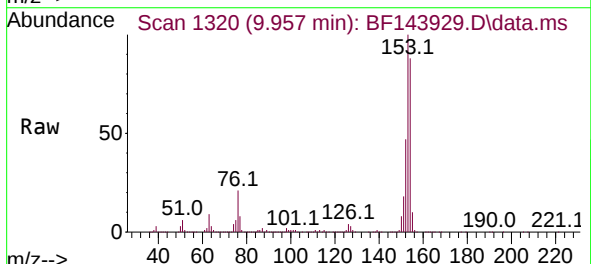
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

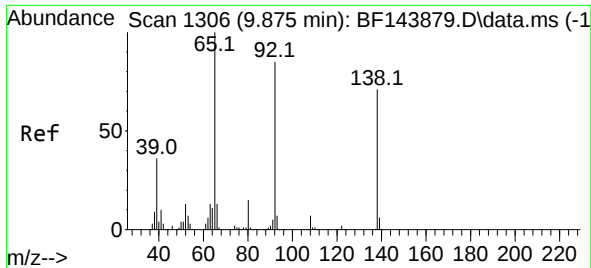
Tgt Ion:165 Resp: 134316
Ion Ratio Lower Upper
165 100
63 57.6 47.3 70.9
89 48.7 38.2 57.4



#52
Acenaphthene
Concen: 45.519 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:154 Resp: 477808
Ion Ratio Lower Upper
154 100
153 113.6 89.3 133.9
152 53.8 42.2 63.2

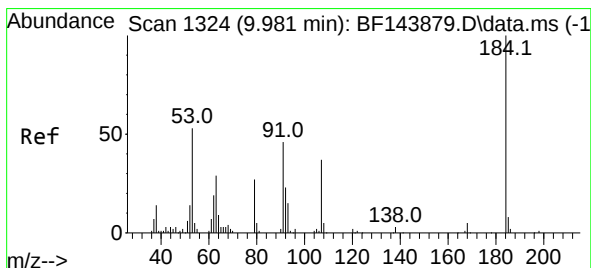
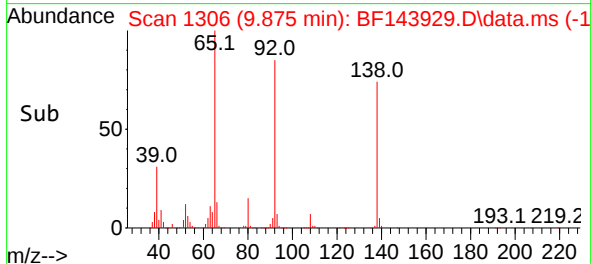
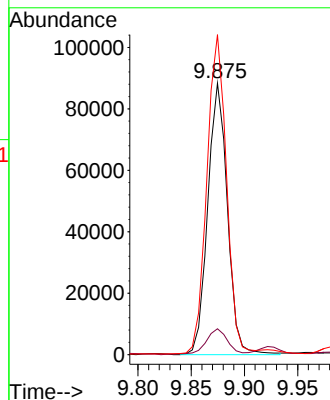
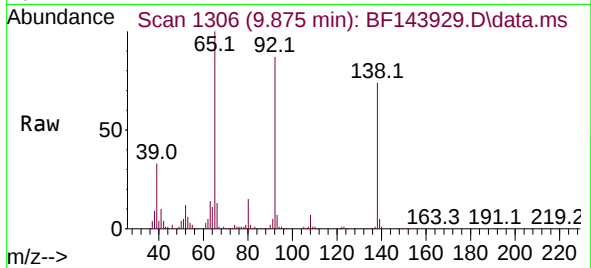




#53
3-Nitroaniline
Concen: 37.985 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

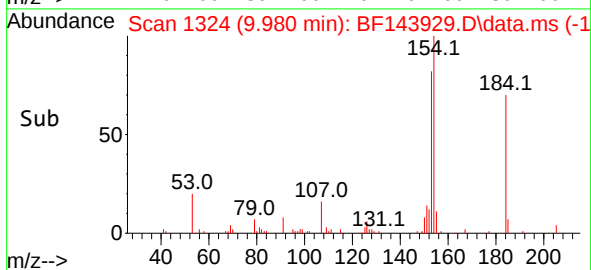
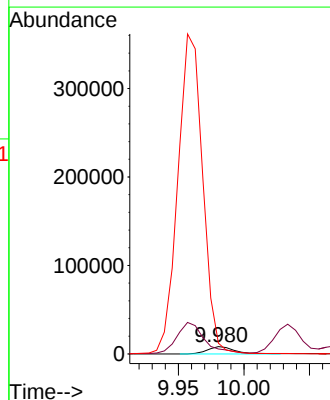
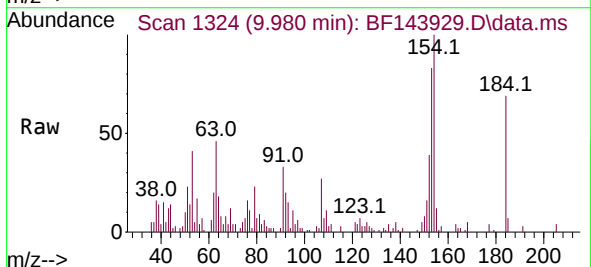
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

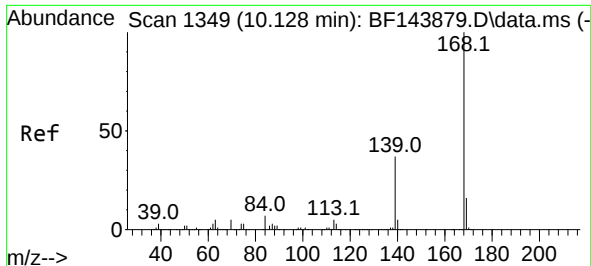
Tgt Ion:138 Resp: 113053
Ion Ratio Lower Upper
138 100
108 9.5 8.3 12.5
92 117.9 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 14.081 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:184 Resp: 11722
Ion Ratio Lower Upper
184 100
63 67.0 48.2 72.4
154 145.1 49.2 73.8#

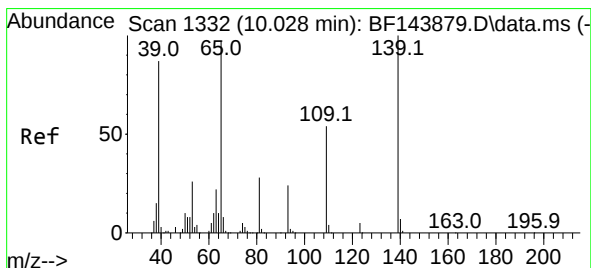
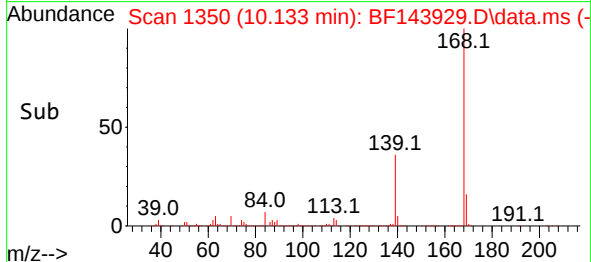
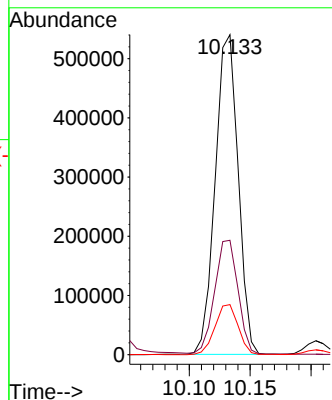
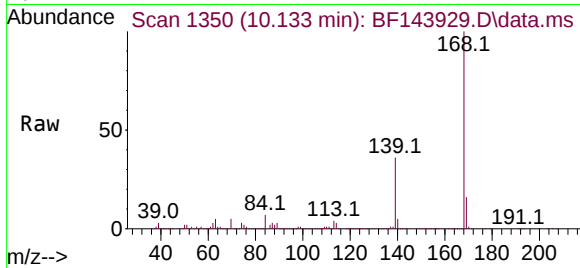




#55
Dibenzenofuran
Concen: 47.752 ng
RT: 10.133 min Scan# 1349
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

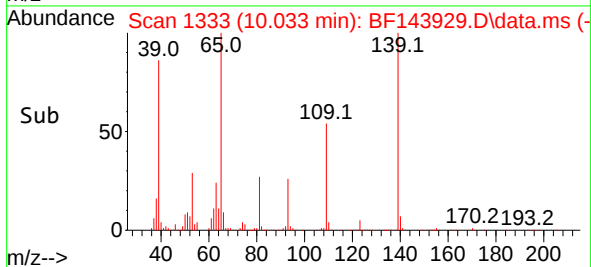
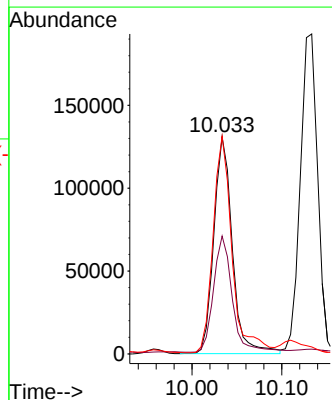
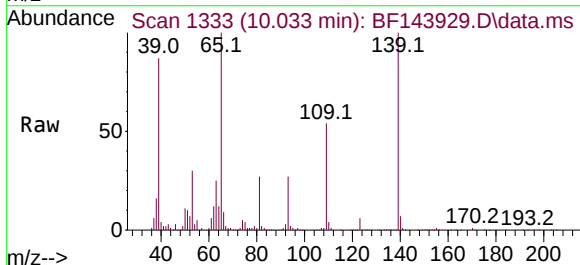
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

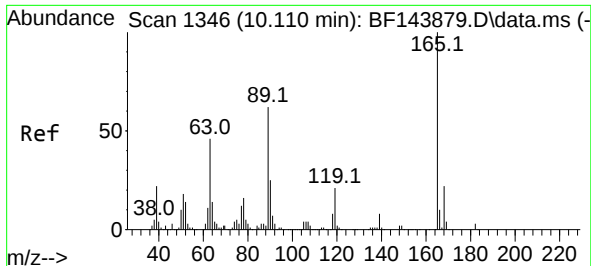
Tgt Ion:168 Resp: 707567
Ion Ratio Lower Upper
168 100
139 35.7 29.8 44.8
169 15.6 12.8 19.2



#56
4-Nitrophenol
Concen: 83.288 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:139 Resp: 187692
Ion Ratio Lower Upper
139 100
109 54.3 34.5 74.5
65 100.3 77.6 117.6

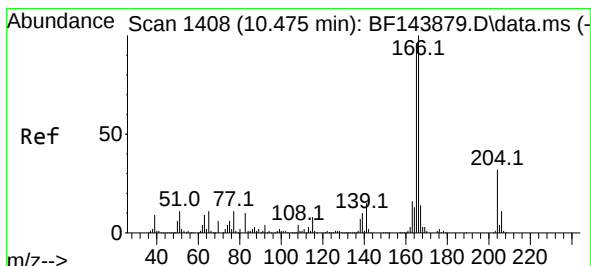
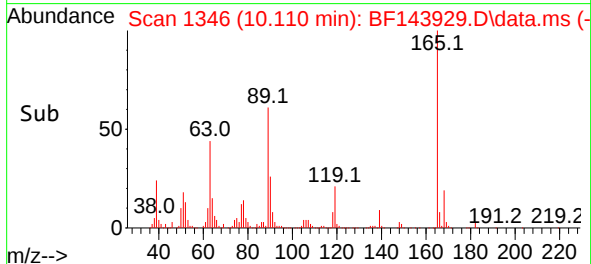
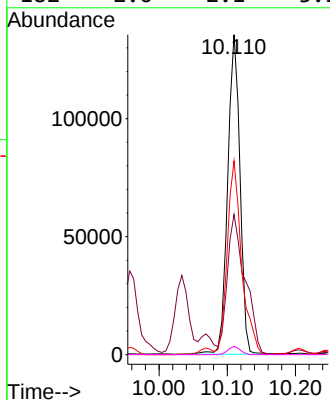
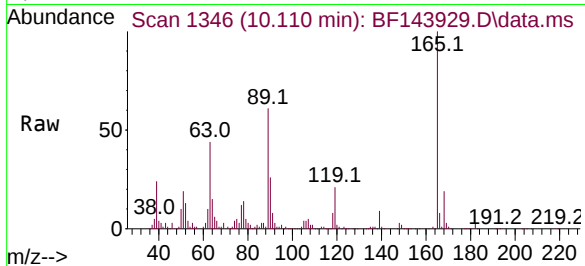




#57
2,4-Dinitrotoluene
Concen: 51.103 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

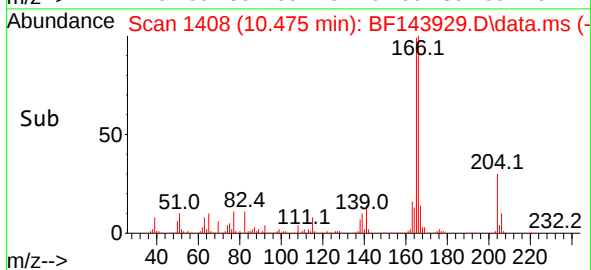
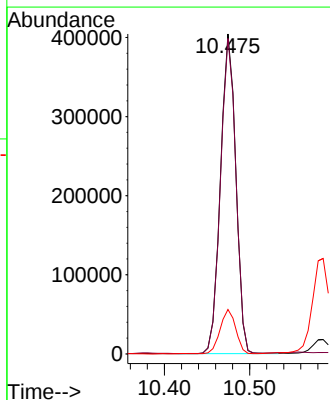
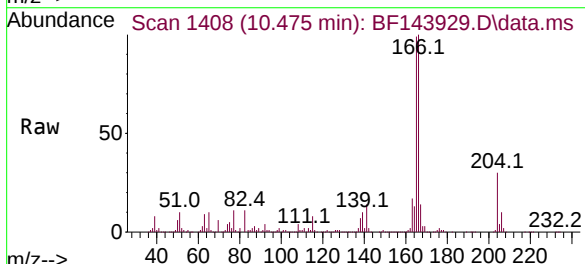
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

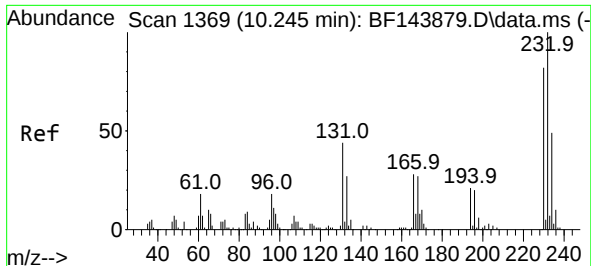
Tgt Ion:165 Resp: 169013
Ion Ratio Lower Upper
165 100
63 43.8 37.2 55.8
89 60.5 49.4 74.2
182 2.6 2.1 3.1



#58
Fluorene
Concen: 45.277 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:166 Resp: 506230
Ion Ratio Lower Upper
166 100
165 98.6 77.0 115.6
167 13.9 11.1 16.7

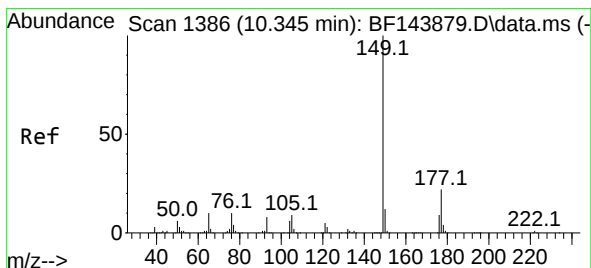
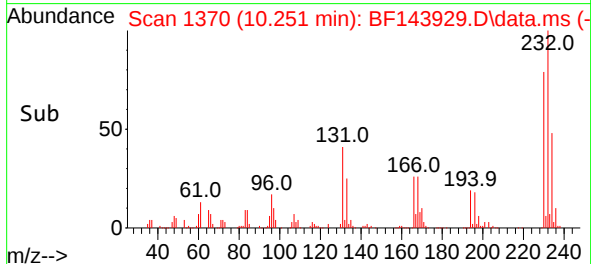
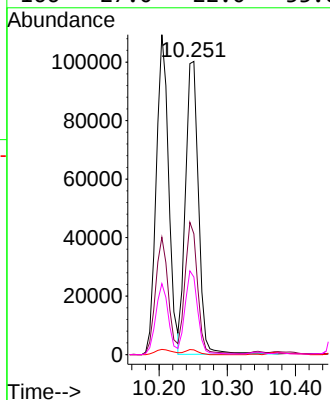
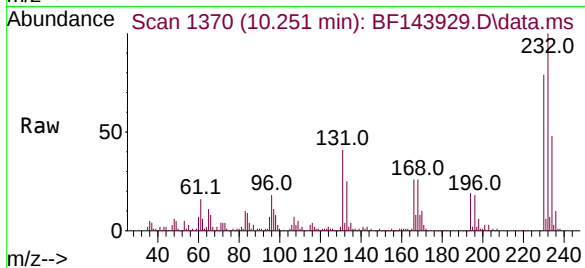




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.853 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

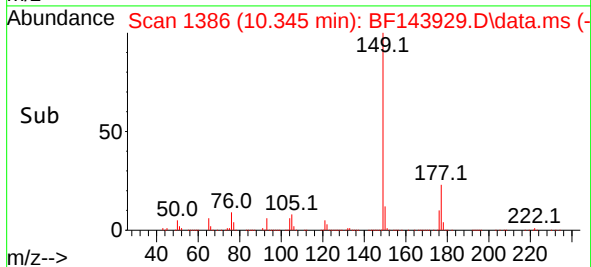
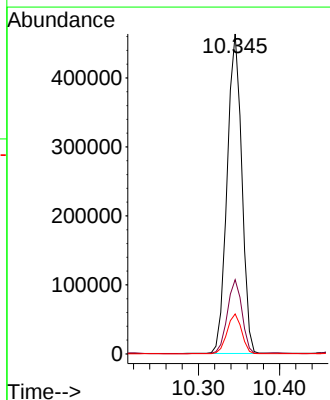
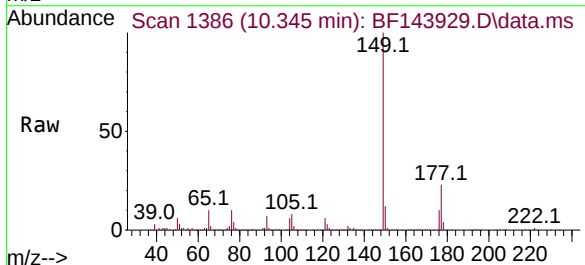
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

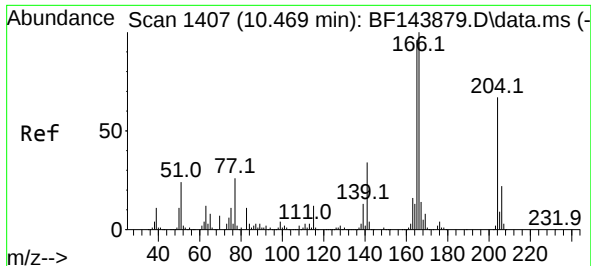
Tgt Ion:232 Resp: 133629
Ion Ratio Lower Upper
232 100
131 43.0 34.9 52.3
130 1.8 1.6 2.4
166 27.0 22.0 33.0



#60
Diethylphthalate
Concen: 47.603 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:149 Resp: 579699
Ion Ratio Lower Upper
149 100
177 23.2 17.9 26.9
150 12.5 9.8 14.8

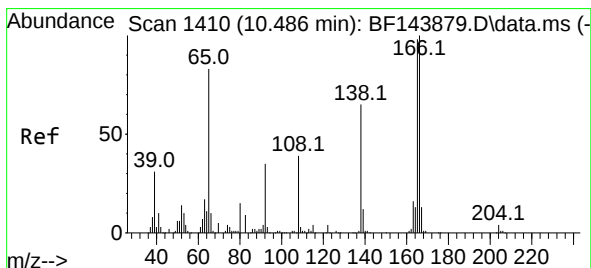
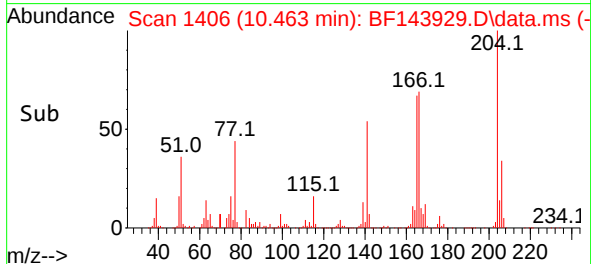
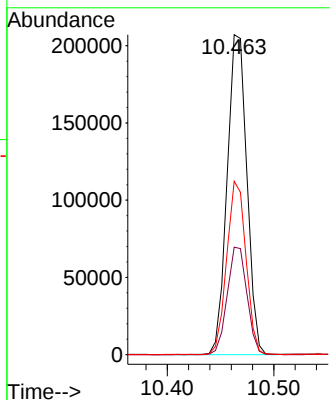
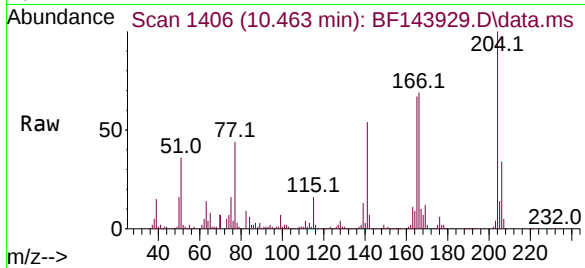




#61
4-Chlorophenyl-phenylether
Concen: 45.231 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

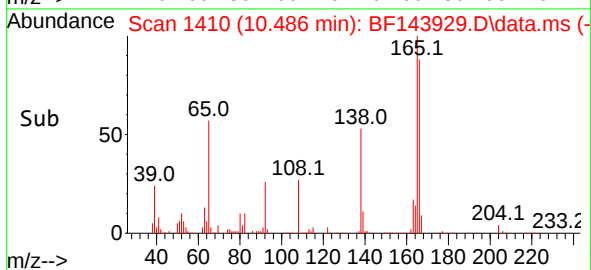
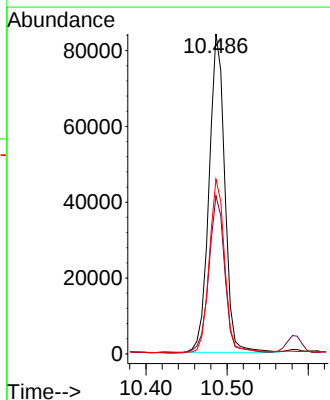
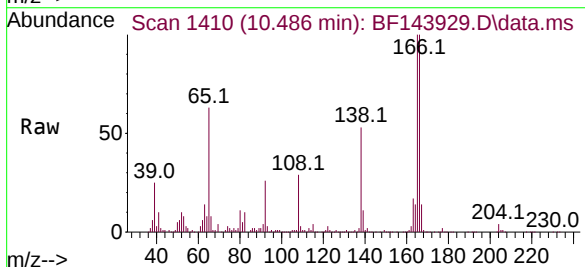
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

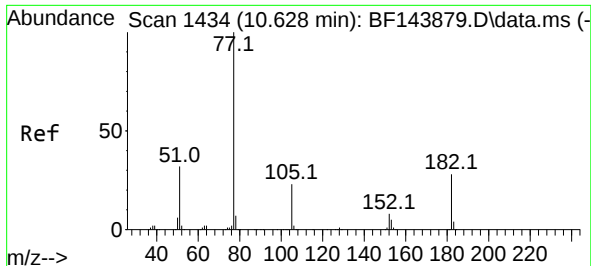
Tgt Ion:204 Resp: 267368
Ion Ratio Lower Upper
204 100
206 33.6 26.6 40.0
141 54.2 40.4 60.6



#62
4-Nitroaniline
Concen: 39.577 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:138 Resp: 113273
Ion Ratio Lower Upper
138 100
92 49.4 33.9 73.9
108 54.6 40.2 80.2

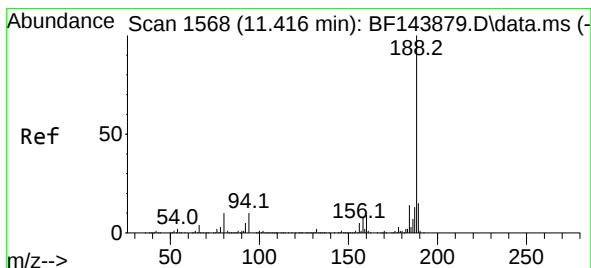
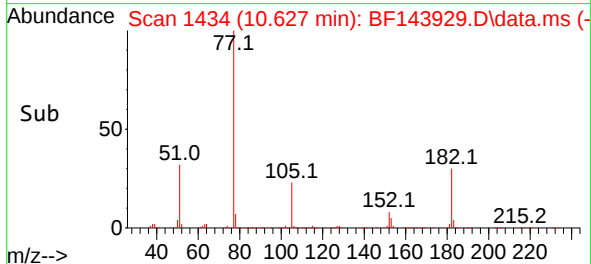
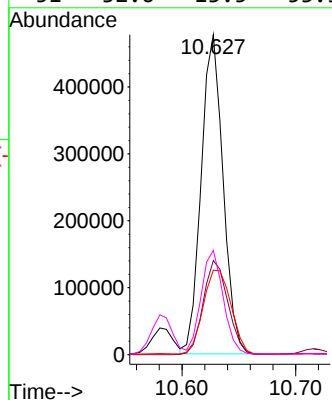
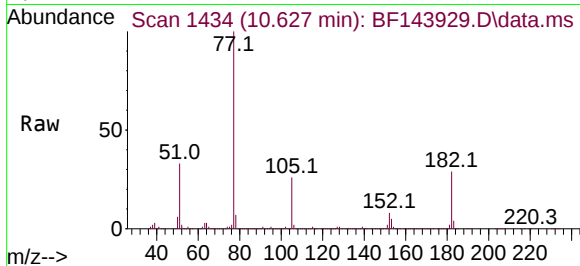




#63
Azobenzene
Concen: 50.224 ng
RT: 10.627 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

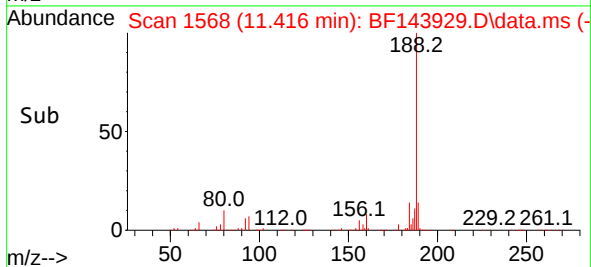
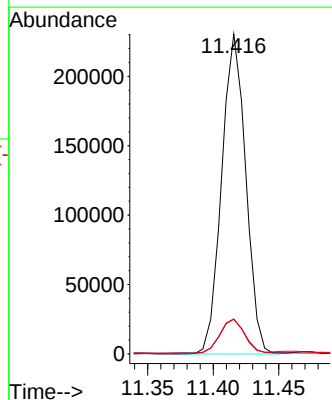
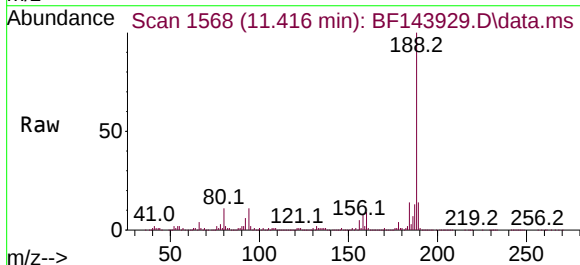
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

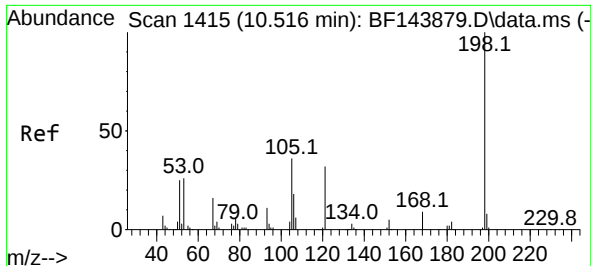
Tgt Ion: 77	Resp: 639220
Ion Ratio	Lower Upper
77 100	
182 29.4	7.3 47.3
105 26.4	3.0 43.0
51 32.6	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:188	Resp: 294129
Ion Ratio	Lower Upper
188 100	
94 10.8	7.8 11.6
80 10.9	7.9 11.9

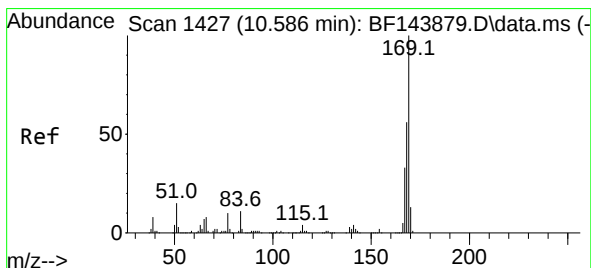
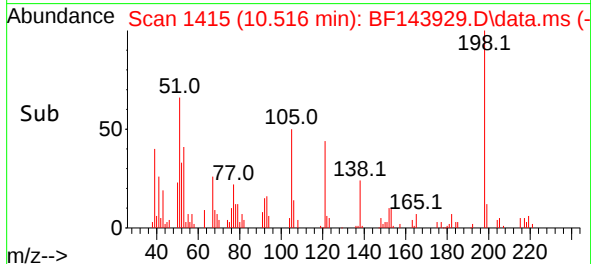
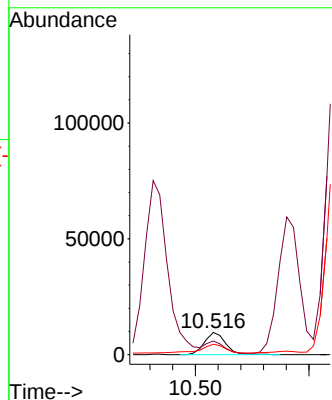
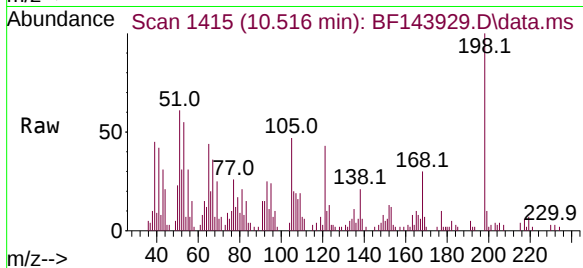




#65
4,6-Dinitro-2-methylphenol
Concen: 8.240 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

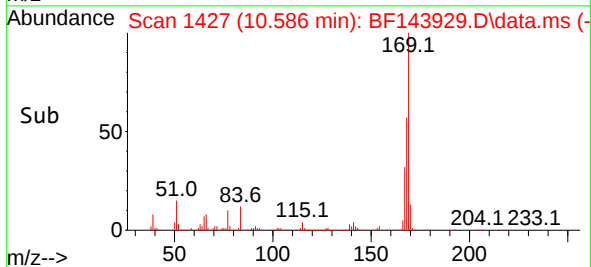
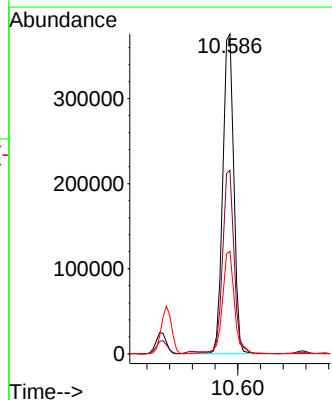
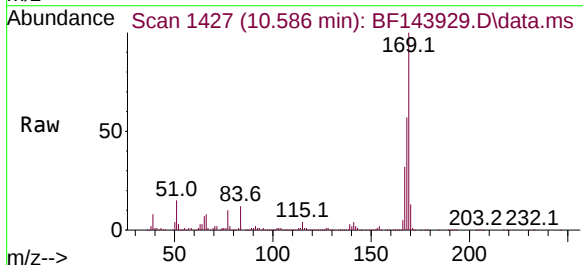
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

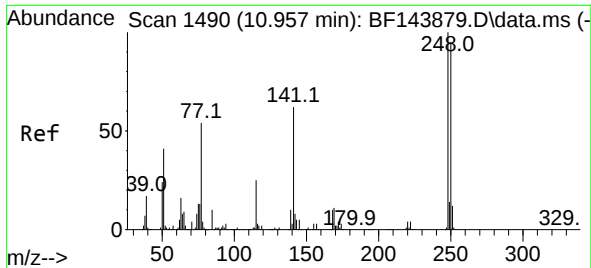
Tgt Ion:198 Resp: 12180
Ion Ratio Lower Upper
198 100
51 60.9 33.8 73.8
105 47.1 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 54.520 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:169 Resp: 503512
Ion Ratio Lower Upper
169 100
168 57.4 44.9 67.3
167 32.1 26.3 39.5

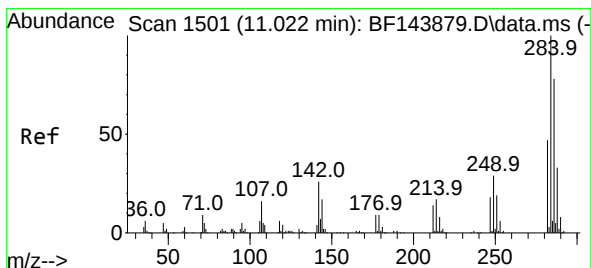
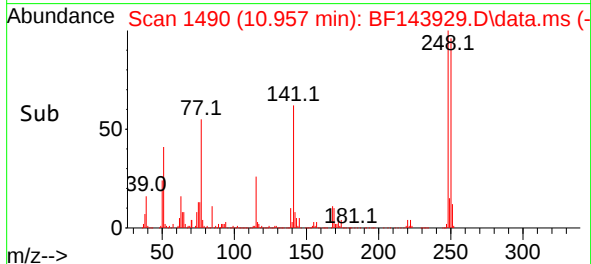
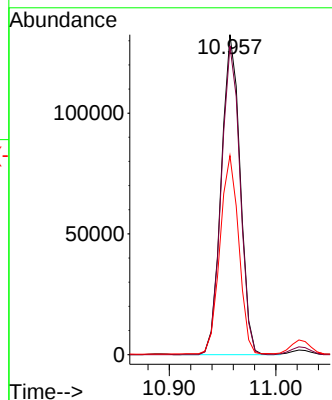
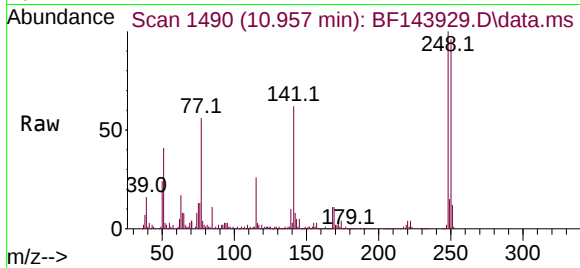




#67
4-Bromophenyl-phenylether
Concen: 50.236 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

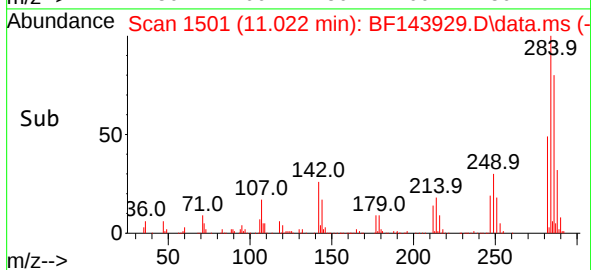
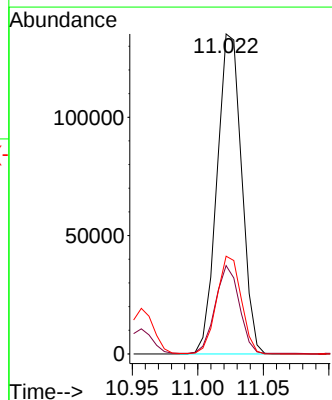
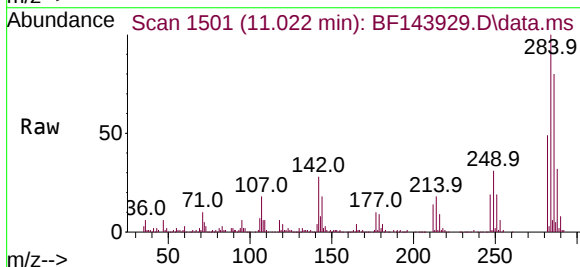
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

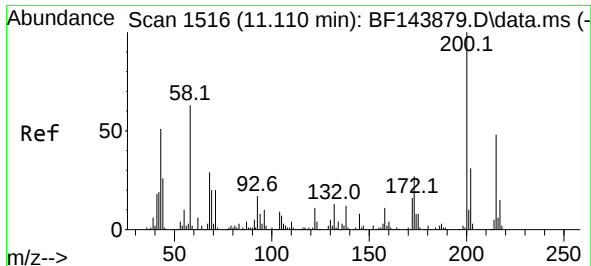
Tgt Ion:248 Resp: 163297
Ion Ratio Lower Upper
248 100
250 96.5 76.3 114.5
141 62.2 49.7 74.5



#68
Hexachlorobenzene
Concen: 46.988 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:284 Resp: 176825
Ion Ratio Lower Upper
284 100
142 27.6 20.6 30.8
249 30.5 23.2 34.8

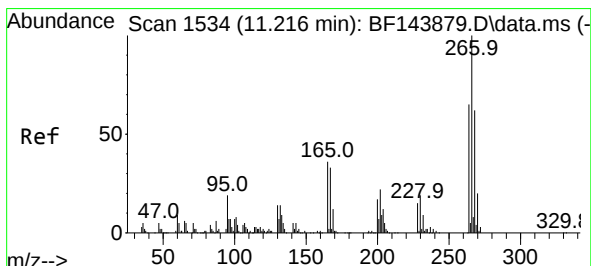
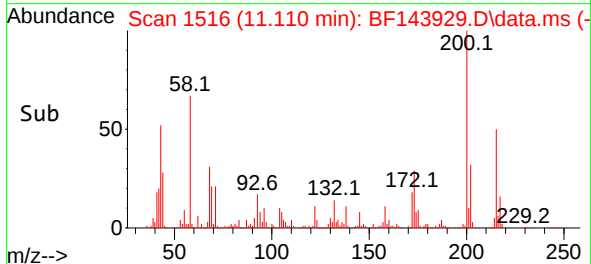
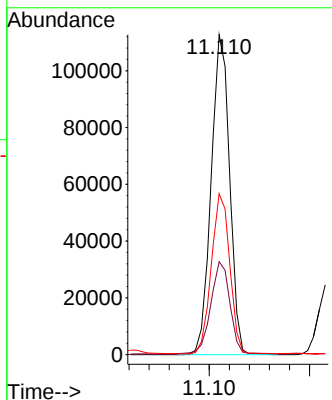
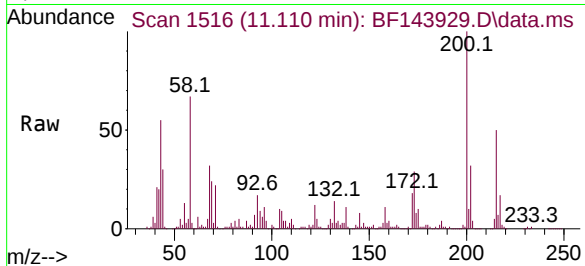




#69
 Atrazine
 Concen: 51.420 ng
 RT: 11.110 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

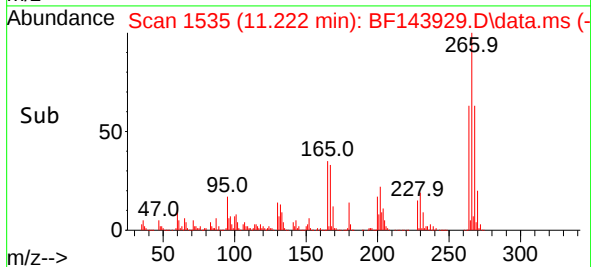
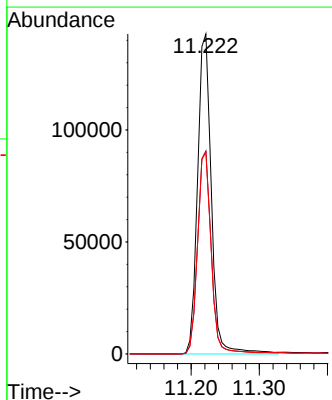
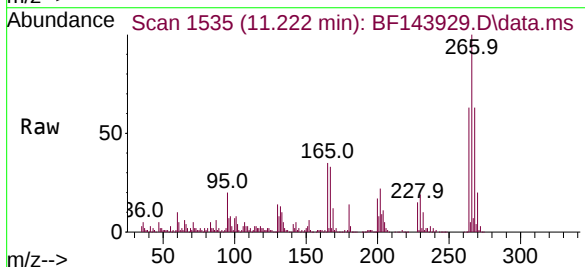
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MSD

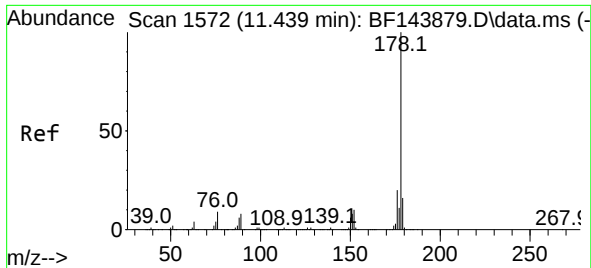
Tgt Ion:200 Resp: 143934
 Ion Ratio Lower Upper
 200 100
 173 29.0 7.0 47.0
 215 50.3 27.8 67.8



#70
 Pentachlorophenol
 Concen: 92.938 ng
 RT: 11.222 min Scan# 1535
 Delta R.T. 0.000 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

Tgt Ion:266 Resp: 200869
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.4 74.0
 264 63.0 51.8 77.6

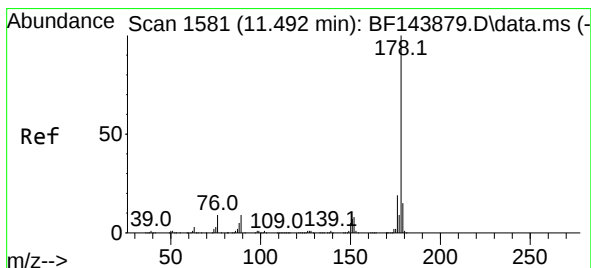
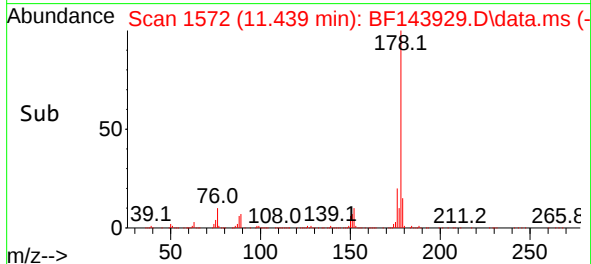
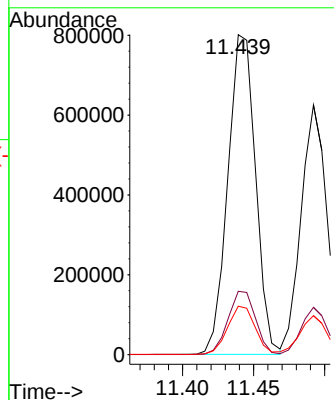
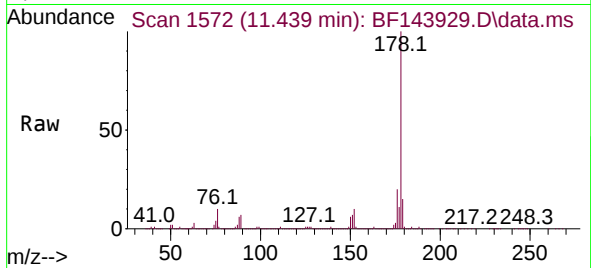




#71
Phenanthrene
Concen: 76.225 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

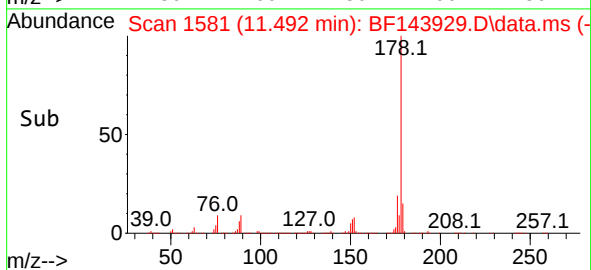
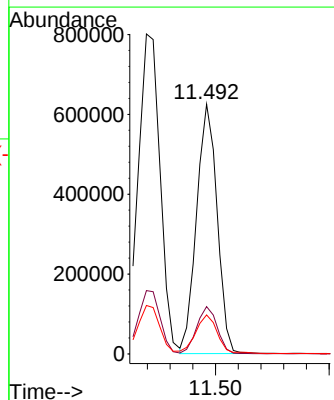
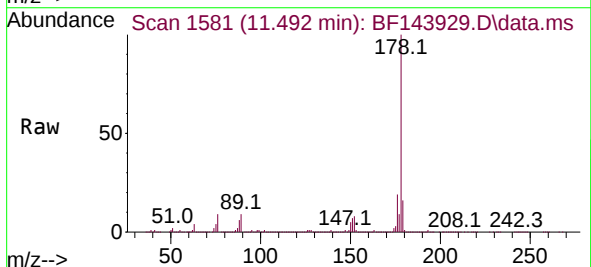
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

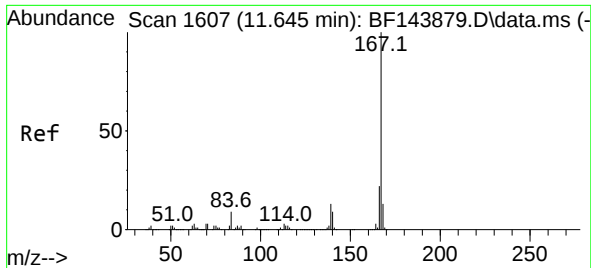
Tgt Ion:178 Resp: 1086924
Ion Ratio Lower Upper
178 100
176 19.8 15.9 23.9
179 15.1 12.4 18.6



#72
Anthracene
Concen: 54.518 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:178 Resp: 785356
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.6 12.2 18.2

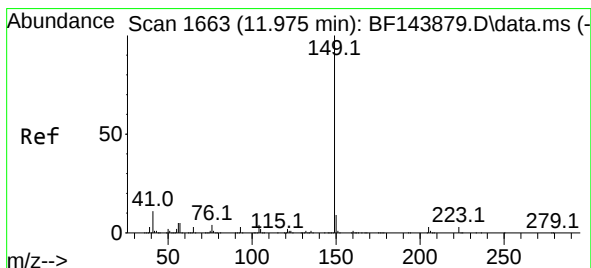
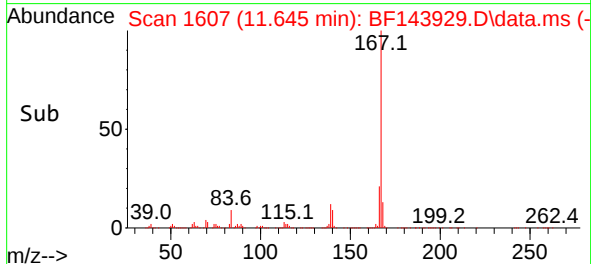
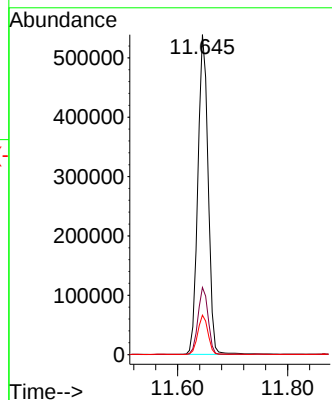
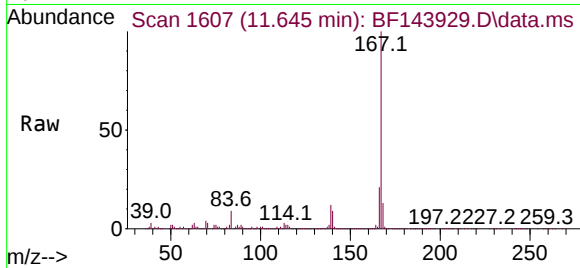




#73
 Carbazole
 Concen: 54.651 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

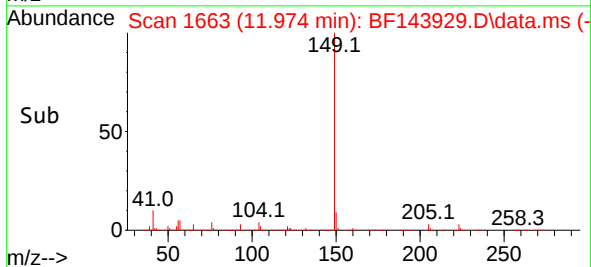
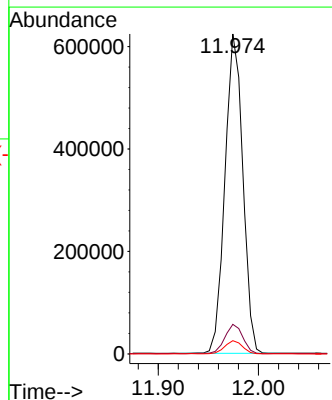
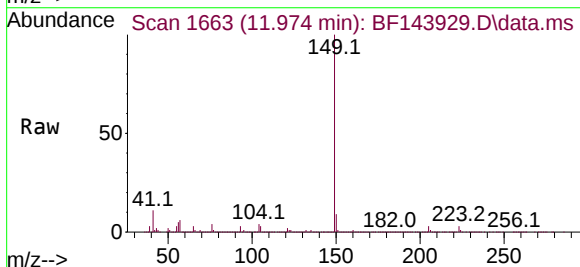
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MSD

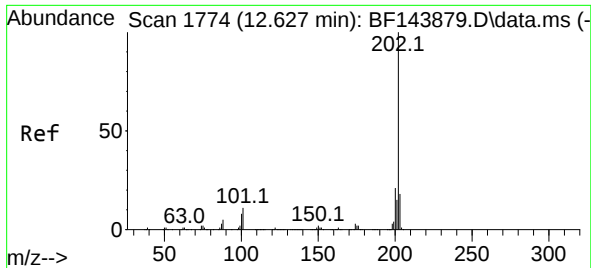
Tgt Ion:167 Resp: 697255
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.2 25.8
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 52.216 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

Tgt Ion:149 Resp: 772095
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.2
 104 4.1 3.4 5.2

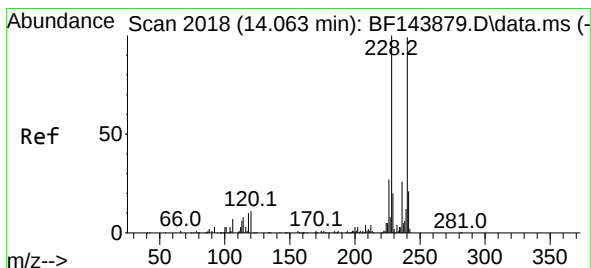
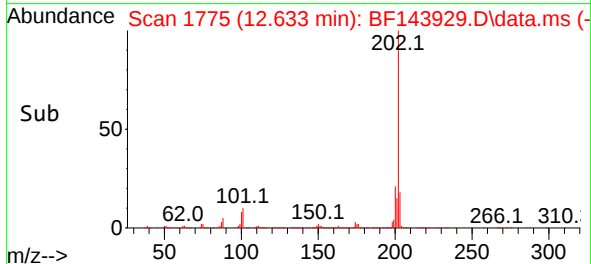
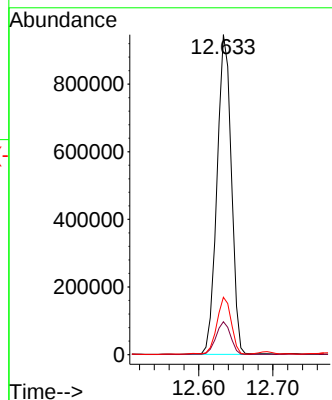
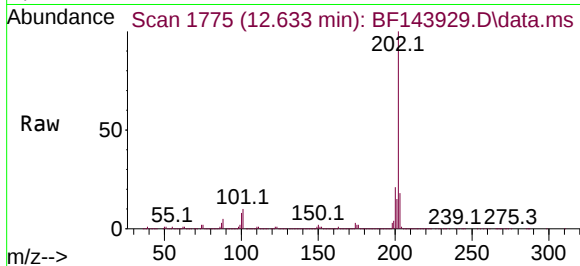




#75
Fluoranthene
Concen: 86.345 ng
RT: 12.633 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

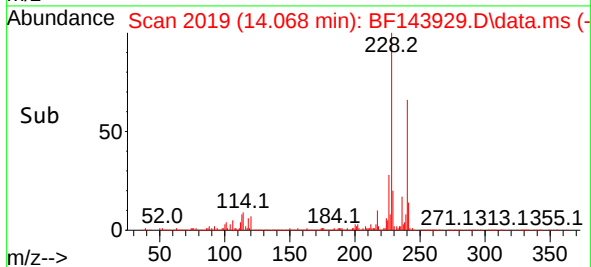
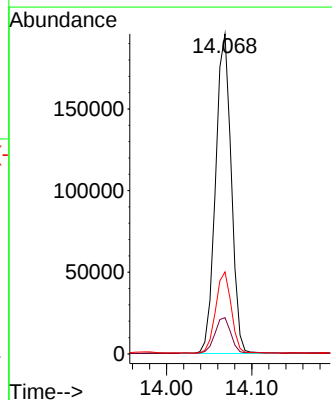
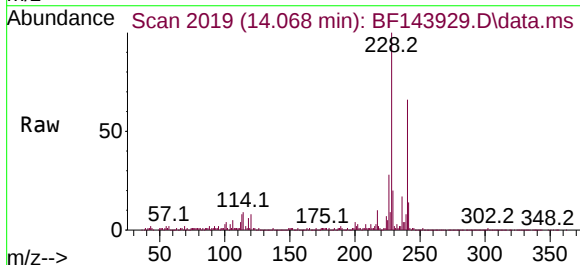
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

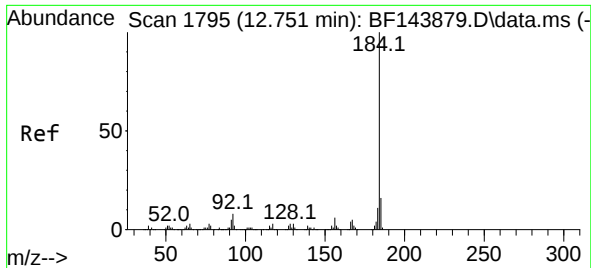
Tgt Ion:202 Resp: 1271771
Ion Ratio Lower Upper
202 100
101 10.3 0.0 30.7
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.068 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:240 Resp: 250086
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 25.6 21.1 31.7

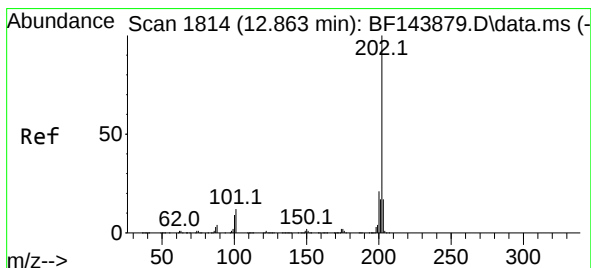
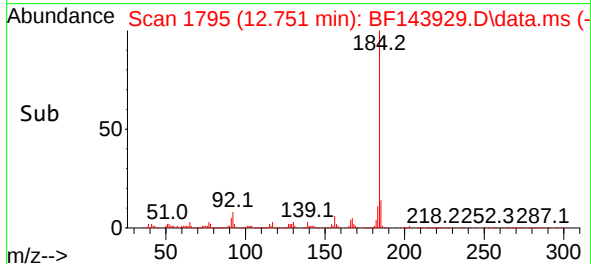
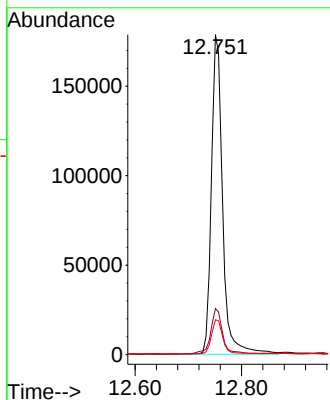
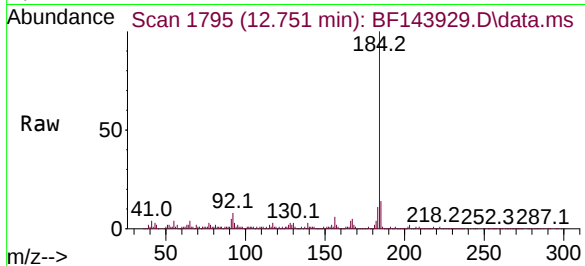




#77
Benzidine
Concen: 30.060 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

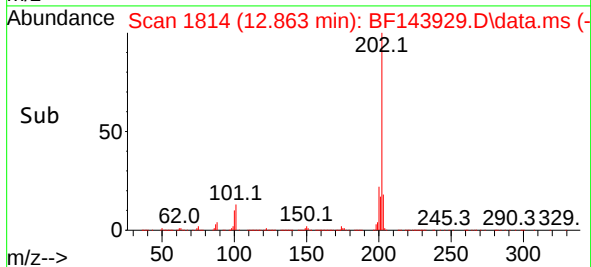
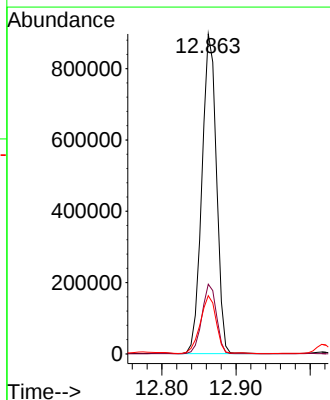
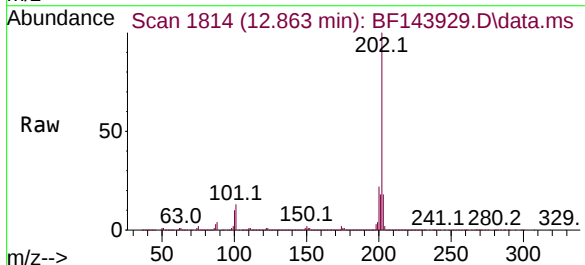
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

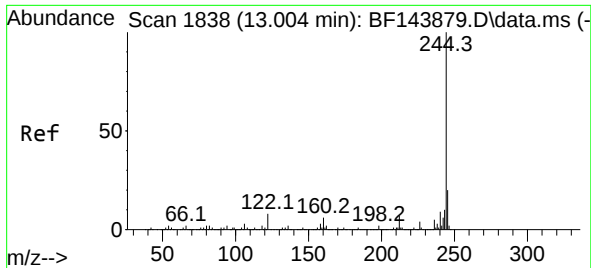
Tgt Ion:184 Resp: 261032
Ion Ratio Lower Upper
184 100
185 14.4 12.6 18.8
183 10.9 8.8 13.2



#78
Pyrene
Concen: 58.527 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:202 Resp: 1220247
Ion Ratio Lower Upper
202 100
200 21.8 17.0 25.6
203 18.2 13.8 20.6

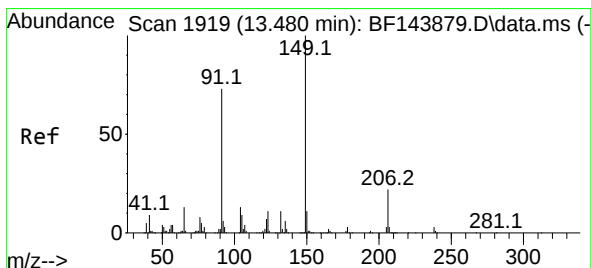
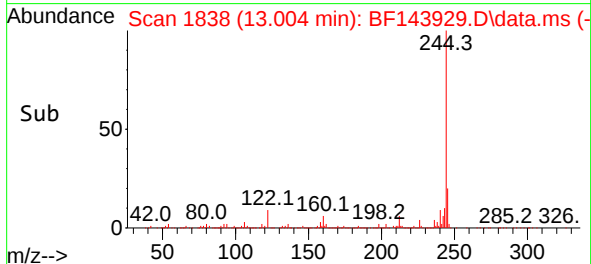
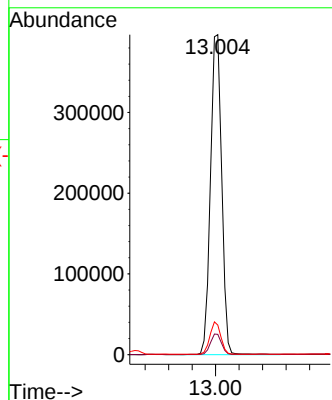
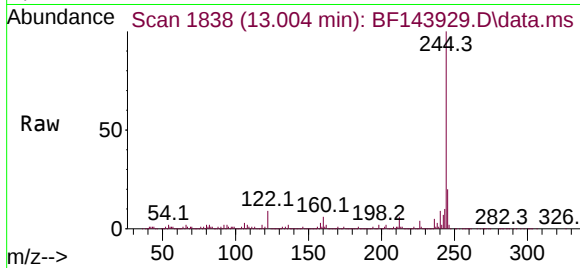




#79
 Terphenyl-d14
 Concen: 35.918 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

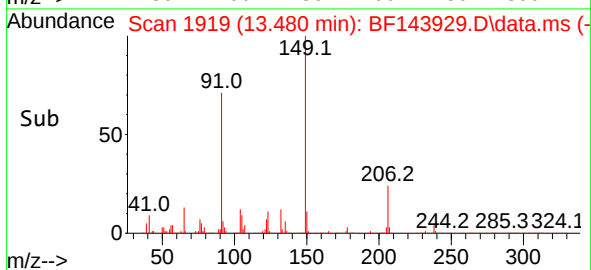
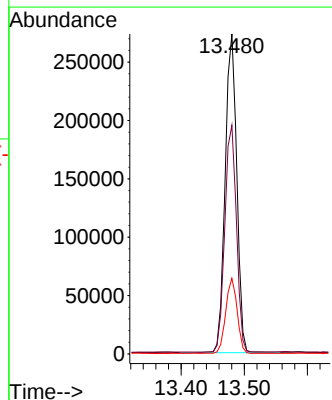
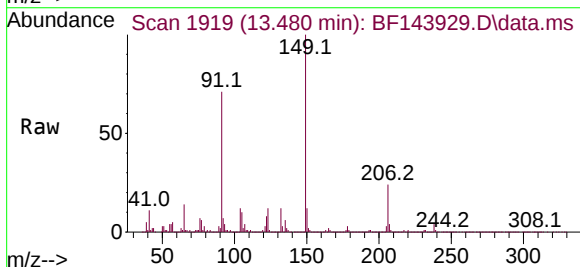
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MSD

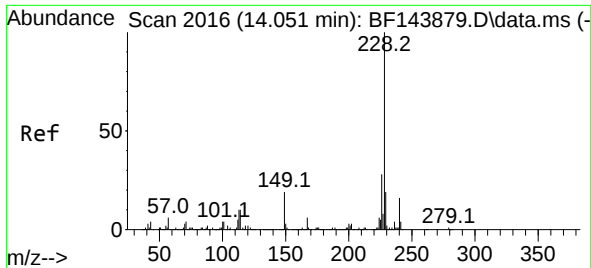
Tgt Ion:244 Resp: 525577
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.4 8.0
 122 9.2 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 51.414 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

Tgt Ion:149 Resp: 348136
 Ion Ratio Lower Upper
 149 100
 91 71.4 58.2 87.2
 206 23.6 17.9 26.9

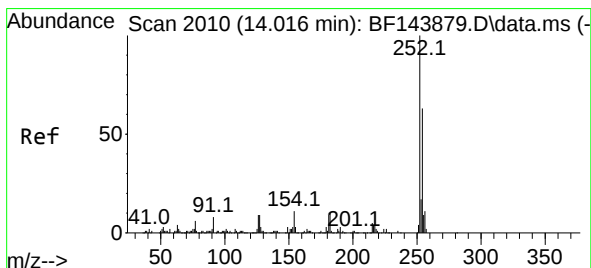
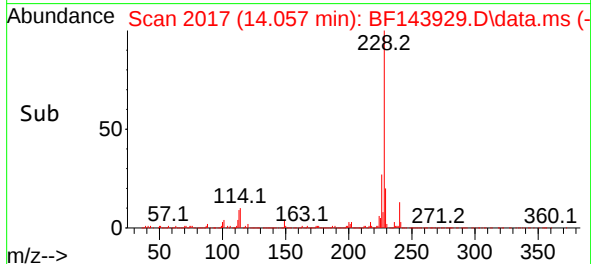
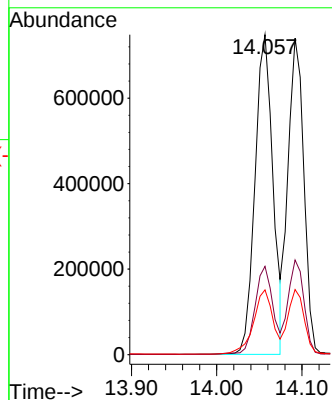
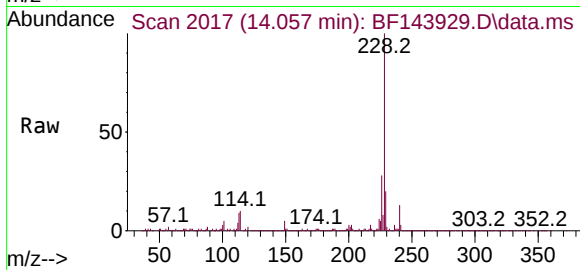




#81
Benzo(a)anthracene
Concen: 66.984 ng
RT: 14.057 min Scan# 2016
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

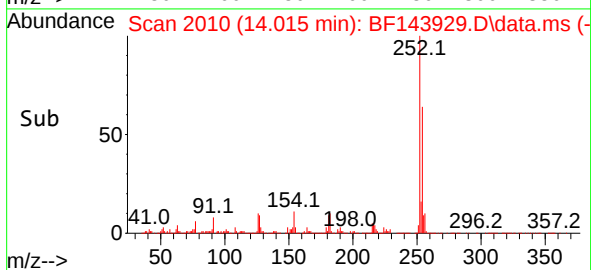
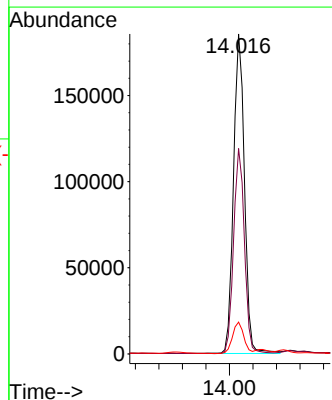
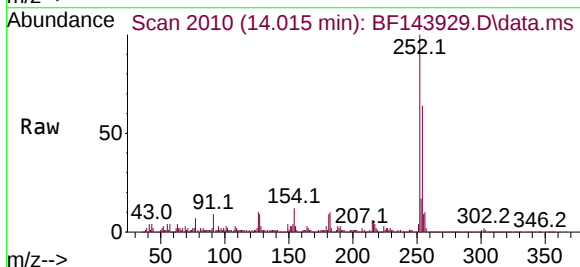
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

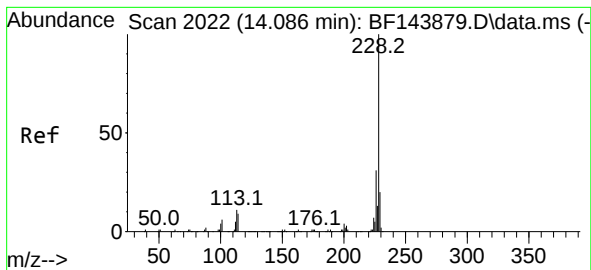
Tgt Ion:228 Resp: 1096245
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 20.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 47.951 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:252 Resp: 239151
Ion Ratio Lower Upper
252 100
254 64.2 50.6 76.0
126 10.0 7.0 10.6





#83

Chrysene

Concen: 62.817 ng

RT: 14.092 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

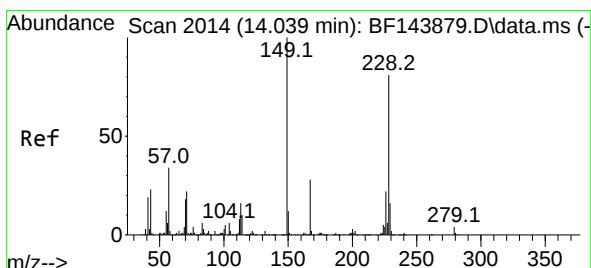
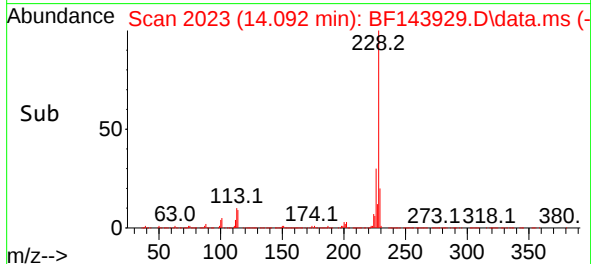
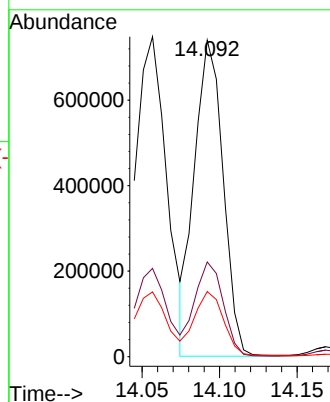
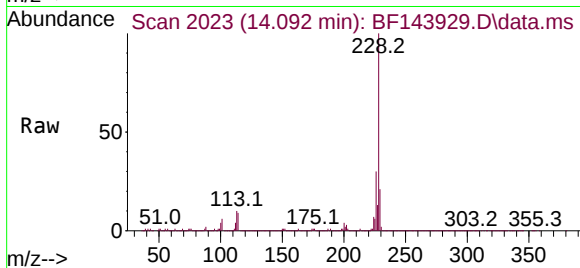
Tgt Ion:228 Resp: 951480

Ion Ratio Lower Upper

228 100

226 29.9 24.4 36.6

229 20.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.119 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

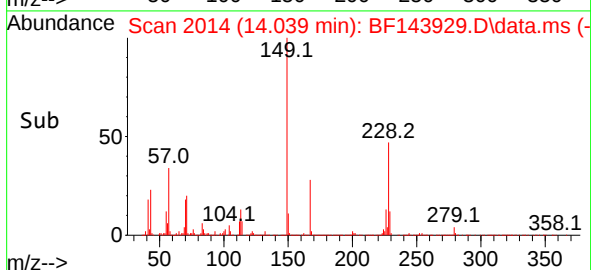
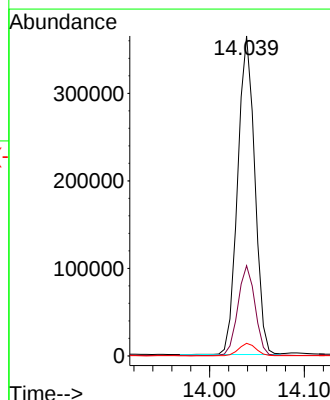
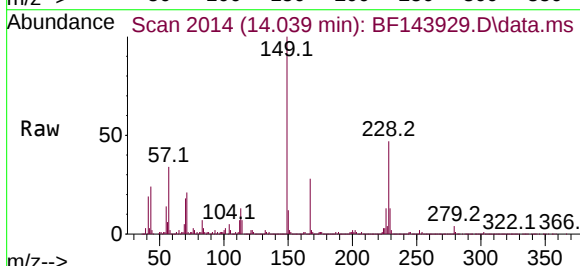
Tgt Ion:149 Resp: 458060

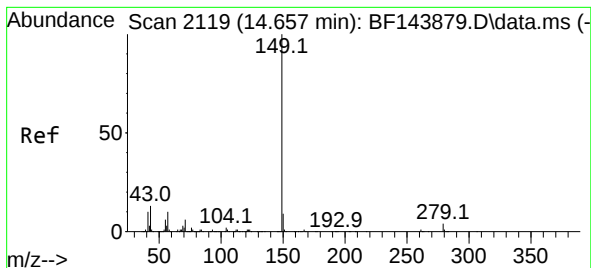
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 3.9 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 63.066 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

Instrument :

BNA_F

ClientSampleId :

SS-01-0-1MSD

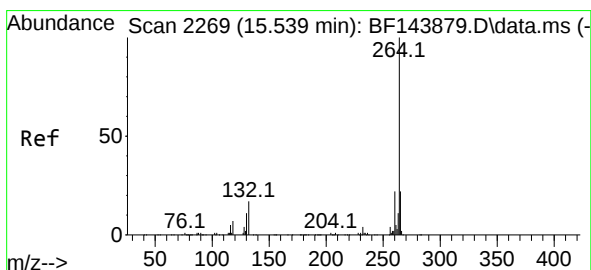
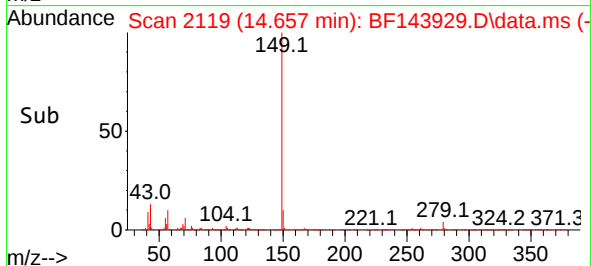
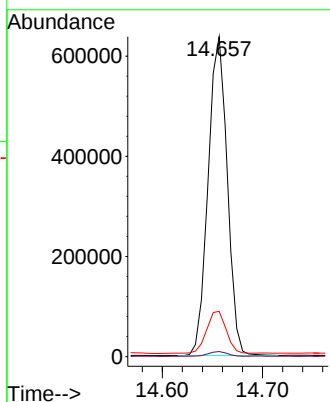
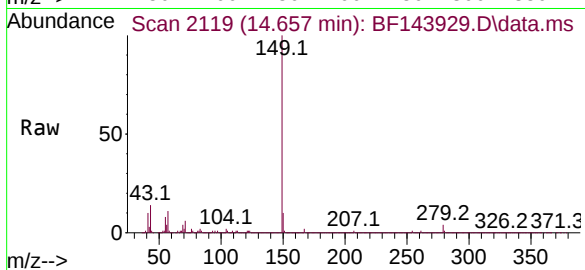
Tgt Ion:149 Resp: 845476

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 13.6 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2270

Delta R.T. 0.000 min

Lab File: BF143929.D

Acq: 10 Oct 2025 17:18

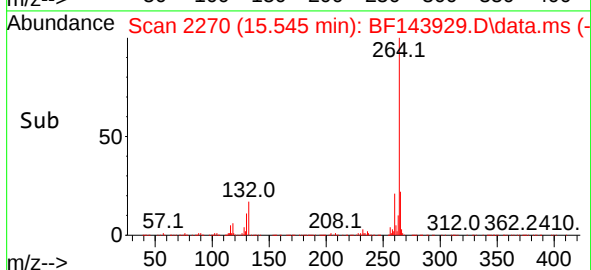
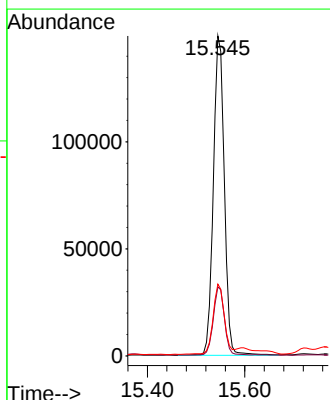
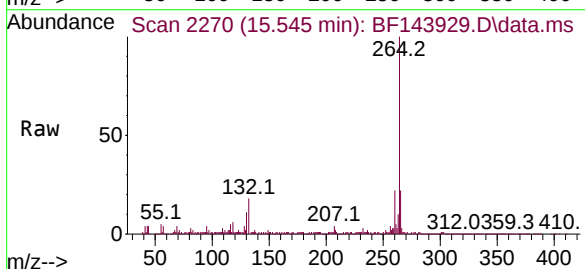
Tgt Ion:264 Resp: 234027

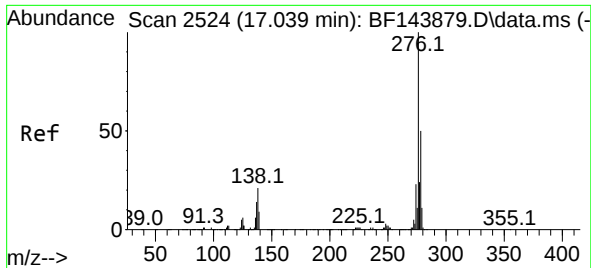
Ion Ratio Lower Upper

264 100

260 21.6 17.8 26.8

265 22.4 17.5 26.3

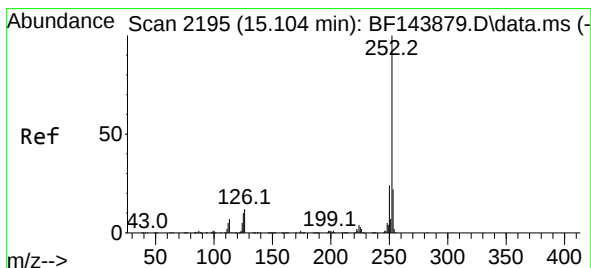
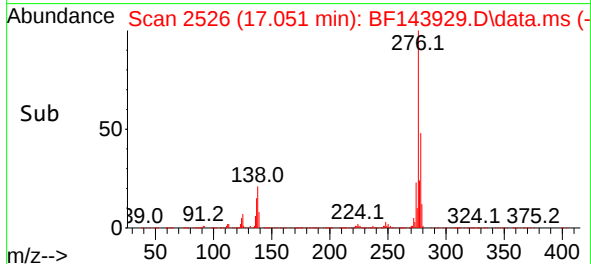
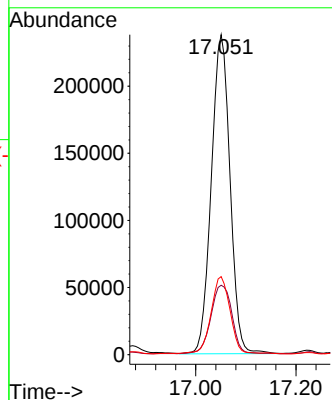
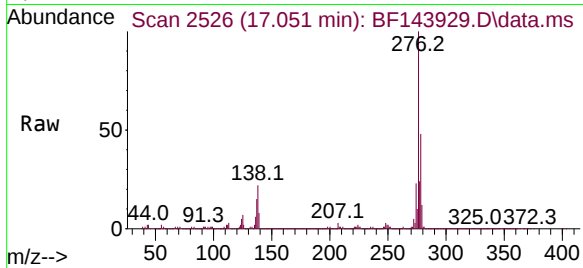




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.944 ng
 RT: 17.051 min Scan# 2197
 Delta R.T. -0.006 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

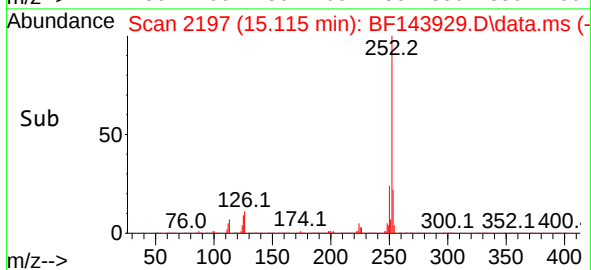
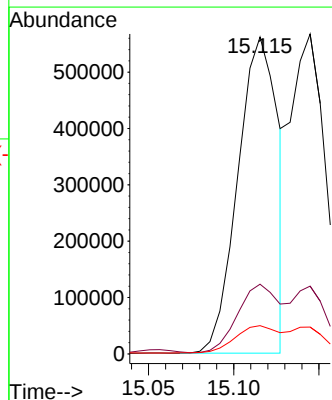
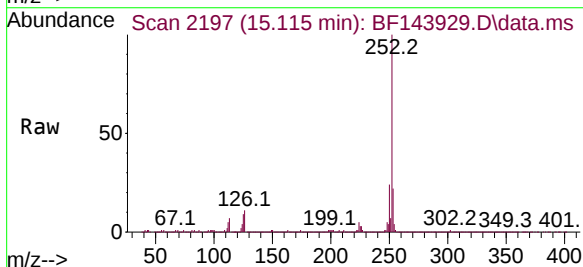
Instrument :
 BNA_F
 ClientSampleId :
 SS-01-0-1MSD

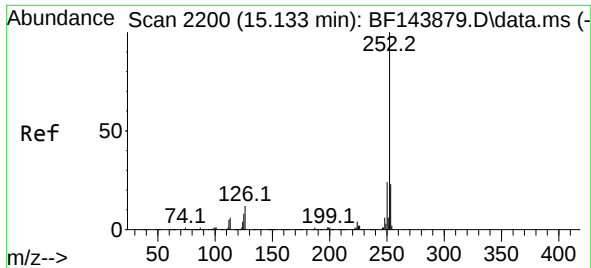
Tgt Ion:276 Resp: 615808
 Ion Ratio Lower Upper
 276 100
 138 24.1 18.2 27.2
 277 24.0 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 68.189 ng
 RT: 15.115 min Scan# 2197
 Delta R.T. 0.000 min
 Lab File: BF143929.D
 Acq: 10 Oct 2025 17:18

Tgt Ion:252 Resp: 916681
 Ion Ratio Lower Upper
 252 100
 253 22.0 17.4 26.2
 125 8.9 7.8 11.6

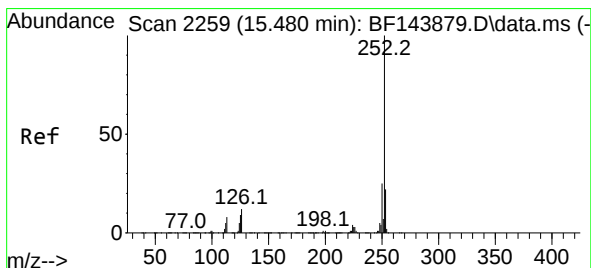
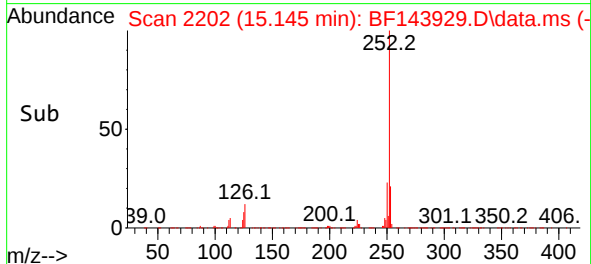
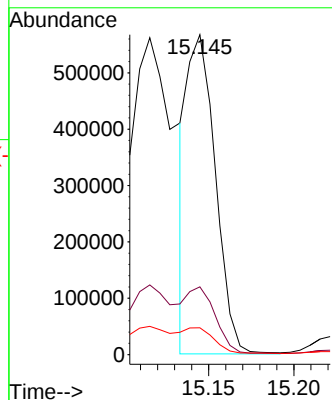
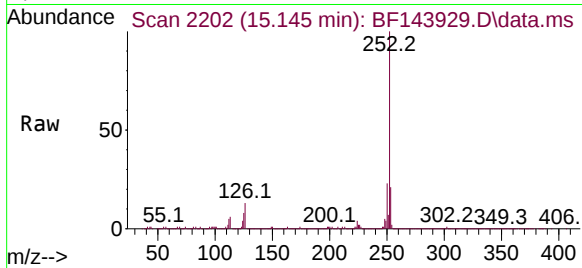




#89
Benzo(k)fluoranthene
Concen: 52.580 ng
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

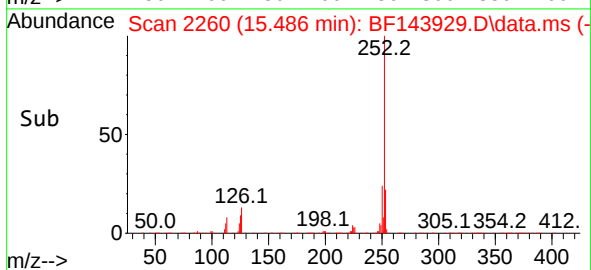
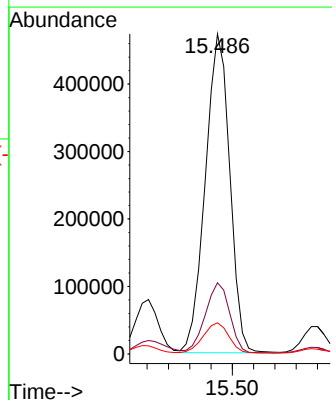
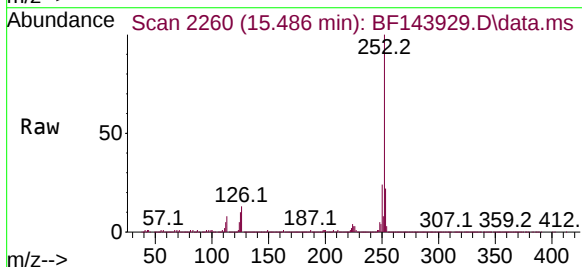
Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

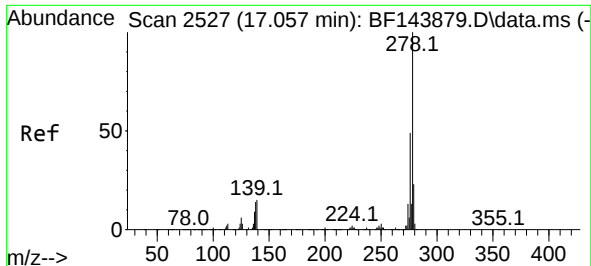
Tgt Ion:252 Resp: 654063
Ion Ratio Lower Upper
252 100
253 21.2 17.8 26.8
125 8.4 7.4 11.2



#90
Benzo(a)pyrene
Concen: 64.691 ng
RT: 15.486 min Scan# 2260
Delta R.T. 0.000 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:252 Resp: 754072
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 9.7 7.0 10.4

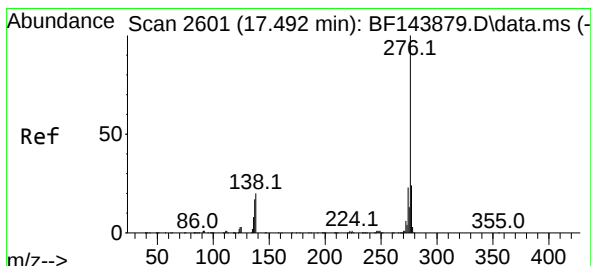
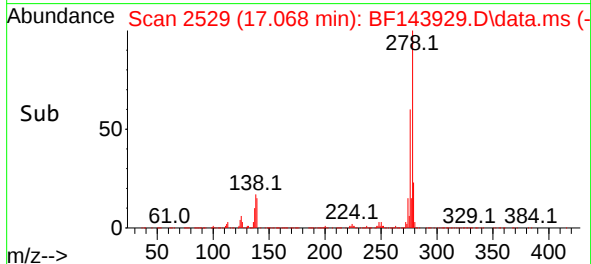
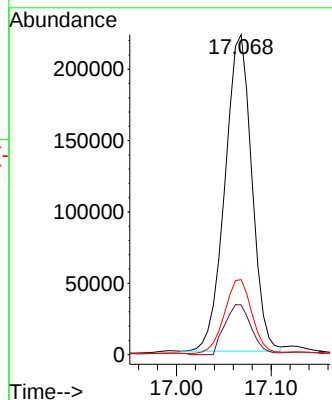
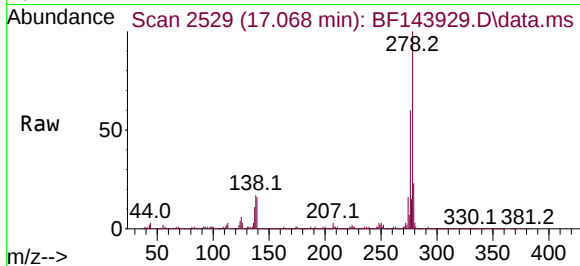




#91
Dibenzo(a,h)anthracene
Concen: 37.889 ng
RT: 17.068 min Scan# 2527
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Instrument :
BNA_F
ClientSampleId :
SS-01-0-1MSD

Tgt Ion:278 Resp: 436970
Ion Ratio Lower Upper
278 100
139 15.5 11.7 17.5
279 23.4 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 42.375 ng
RT: 17.503 min Scan# 2603
Delta R.T. -0.012 min
Lab File: BF143929.D
Acq: 10 Oct 2025 17:18

Tgt Ion:276 Resp: 488713
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.6
138 21.6 16.1 24.1

