

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143878.D
 Acq On : 06 Oct 2025 11:56
 Operator : RC/JU
 Sample : SSTDICC020
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Quant Time: Oct 06 15:38:20 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	144072	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	561772	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	311297	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	536961	20.000	ng	0.00
76) Chrysene-d12	14.063	240	346764	20.000	ng	0.00
86) Perylene-d12	15.539	264	314616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	389641	42.947	ng	0.00
7) Phenol-d6	6.498	99	461437	42.670	ng	-0.02
23) Nitrobenzene-d5	7.439	82	389584	42.133	ng	-0.02
42) 2,4,6-Tribromophenol	10.710	330	130577	42.114	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	831185	42.367	ng	-0.01
79) Terphenyl-d14	12.998	244	881486	43.445	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.646	88	86079	20.503	ng	97
3) Pyridine	3.410	79	251988	20.618	ng	99
4) n-Nitrosodimethylamine	3.346	42	128915	20.051	ng	96
6) Aniline	6.540	93	340202	20.994	ng	99
8) 2-Chlorophenol	6.663	128	183611	20.704	ng	99
9) Benzaldehyde	6.434	77	147781	17.715	ng	99
10) Phenol	6.510	94	272100m	21.046	ng	
11) bis(2-Chloroethyl)ether	6.616	93	211296	21.157	ng	100
12) 1,3-Dichlorobenzene	6.822	146	228938	21.566	ng	98
13) 1,4-Dichlorobenzene	6.898	146	225703	21.554	ng	99
14) 1,2-Dichlorobenzene	7.051	146	216196	21.555	ng	98
15) Benzyl Alcohol	7.016	79	164008	20.241	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.151	45	471598	20.745	ng	100
17) 2-Methylphenol	7.128	107	151099	20.616	ng	99
18) Hexachloroethane	7.398	117	74147	21.232	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	151838	20.512	ng	99
20) 3+4-Methylphenols	7.281	107	193273	22.753	ng	# 86
22) Acetophenone	7.287	105	259382	21.837	ng	100
24) Nitrobenzene	7.463	77	218497	21.279	ng	100
25) Isophorone	7.698	82	397606	20.393	ng	99
26) 2-Nitrophenol	7.781	139	91336	20.747	ng	96
27) 2,4-Dimethylphenol	7.810	122	163783	20.682	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	260252	21.131	ng	98
29) 2,4-Dichlorophenol	8.016	162	175934	21.328	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	172265	21.234	ng	98
31) Naphthalene	8.186	128	545971	21.365	ng	99
32) Benzoic acid	7.892	122	98172m	17.912	ng	
33) 4-Chloroaniline	8.233	127	200545	20.924	ng	98
34) Hexachlorobutadiene	8.304	225	118056	20.941	ng	98
35) Caprolactam	8.586	113	51159	19.505	ng	97
36) 4-Chloro-3-methylphenol	8.704	107	162629	20.524	ng	97
37) 2-Methylnaphthalene	8.875	142	367401	21.583	ng	99
38) 1-Methylnaphthalene	8.975	142	353459	21.407	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	185181	21.523	ng	98
41) Hexachlorocyclopentadiene	9.033	237	67128	18.807	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	132747	21.116	ng	98

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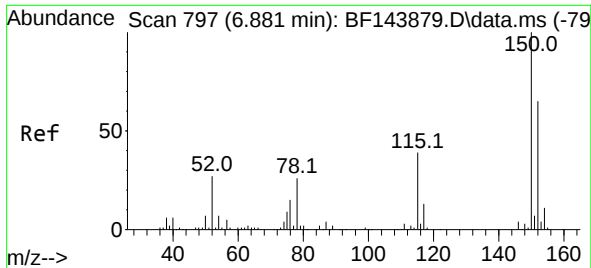
Quant Time: Oct 06 15:38:20 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	143043	21.532	ng	98
46) 1,1'-Biphenyl	9.339	154	450706	21.868	ng	100
47) 2-Chloronaphthalene	9.369	162	372531	21.679	ng	96
48) 2-Nitroaniline	9.457	65	115519	21.263	ng	98
49) Acenaphthylene	9.780	152	512980	21.234	ng	100
50) Dimethylphthalate	9.639	163	415359	21.011	ng	100
51) 2,6-Dinitrotoluene	9.698	165	76360	20.831	ng	96
52) Acenaphthene	9.957	154	341066	21.545	ng	99
53) 3-Nitroaniline	9.869	138	95127	21.194	ng	99
54) 2,4-Dinitrophenol	9.975	184	29199	18.734	ng	# 67
55) Dibenzofuran	10.128	168	489250	21.894	ng	98
56) 4-Nitrophenol	10.022	139	66930	19.694	ng	97
57) 2,4-Dinitrotoluene	10.104	165	106136	21.280	ng	99
58) Fluorene	10.469	166	365206	21.659	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.245	232	98138	20.869	ng	99
60) Diethylphthalate	10.339	149	396233	21.575	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	194875	21.860	ng	97
62) 4-Nitroaniline	10.480	138	88594	20.526	ng	98
63) Azobenzene	10.622	77	407261	21.218	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	49405	18.309	ng	100
66) n-Nitrosodiphenylamine	10.580	169	362217	21.484	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	123882	20.876	ng	98
68) Hexachlorobenzene	11.022	284	141316	20.570	ng	99
69) Atrazine	11.104	200	114492	22.405	ng	99
70) Pentachlorophenol	11.216	266	81624	20.687	ng	95
71) Phenanthrene	11.439	178	572157	21.979	ng	98
72) Anthracene	11.486	178	567724	21.588	ng	100
73) Carbazole	11.639	167	504282	21.651	ng	99
74) Di-n-butylphthalate	11.974	149	595140	22.047	ng	99
75) Fluoranthene	12.627	202	587348	21.843	ng	98
77) Benzidine	12.751	184	249358	20.710	ng	97
78) Pyrene	12.857	202	613300	21.215	ng	99
80) Butylbenzylphthalate	13.480	149	200832	21.391	ng	97
81) Benzo(a)anthracene	14.051	228	469566	20.693	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	139822	20.219	ng	# 96
83) Chrysene	14.086	228	439378	20.920	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	238132	21.041	ng	100
85) Di-n-octyl phthalate	14.657	149	349721	18.814	ng	100
87) Indeno(1,2,3-cd)pyrene	17.027	276	384441	19.942	ng	97
88) Benzo(b)fluoranthene	15.104	252	355882	19.692	ng	99
89) Benzo(k)fluoranthene	15.133	252	386399	23.106	ng	98
90) Benzo(a)pyrene	15.474	252	326291	20.822	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	319216	20.589	ng	99
92) Benzo(g,h,i)perylene	17.480	276	309120	19.937	ng	98

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

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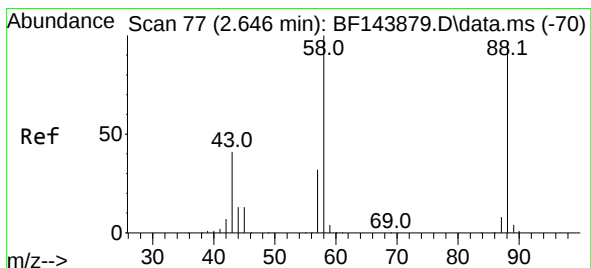
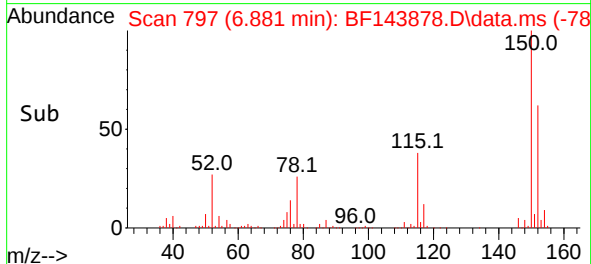
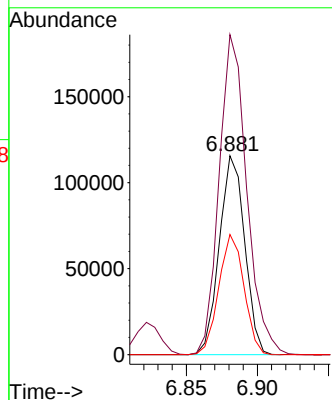
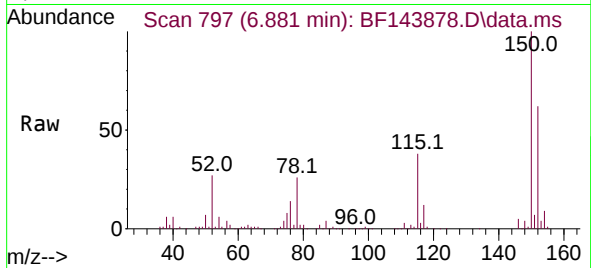




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

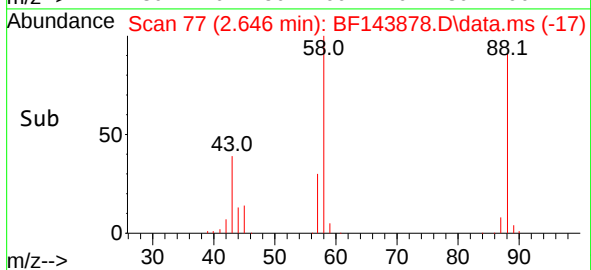
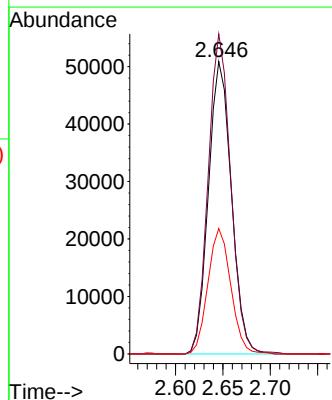
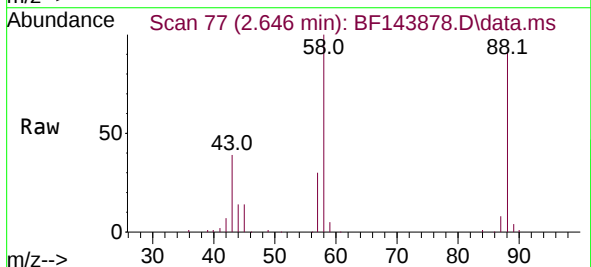
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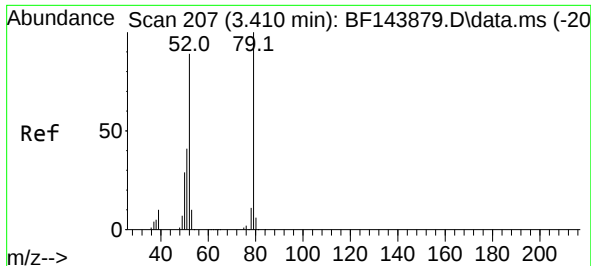
Tgt Ion:152 Resp: 144072
 Ion Ratio Lower Upper
 152 100
 150 160.9 124.4 186.6
 115 60.4 48.1 72.1



#2
 1,4-Dioxane
 Concen: 20.503 ng
 RT: 2.646 min Scan# 77
 Delta R.T. 0.000 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

Tgt Ion: 88 Resp: 86079
 Ion Ratio Lower Upper
 88 100
 58 107.3 83.0 124.6
 43 42.6 33.9 50.9



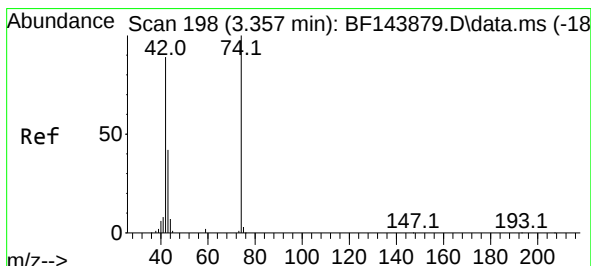
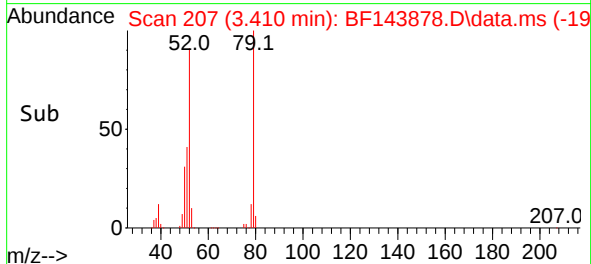
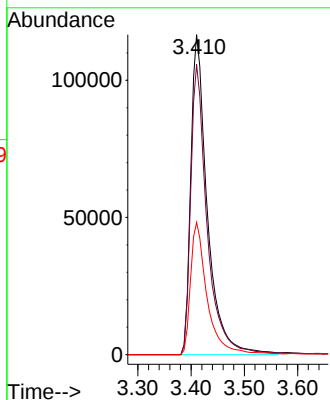
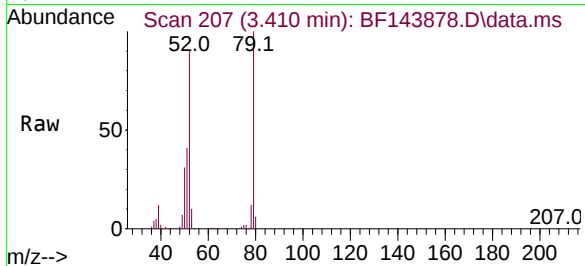


#3
 Pyridine
 Concen: 20.618 ng
 RT: 3.410 min Scan# 207
 Delta R.T. -0.006 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

Tgt Ion: 79 Resp: 251988

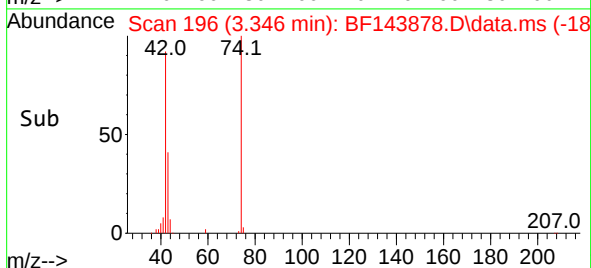
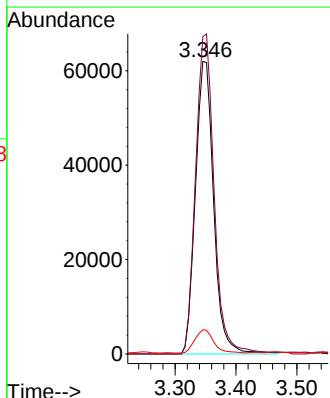
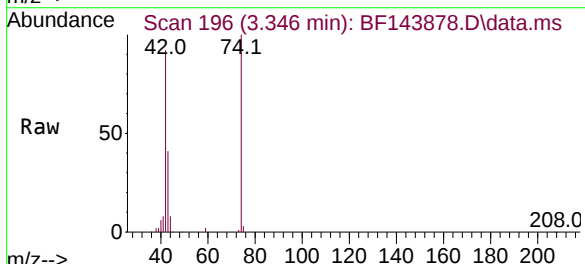
Ion	Ratio	Lower	Upper
79	100		
52	90.7	71.5	107.3
51	41.3	32.9	49.3

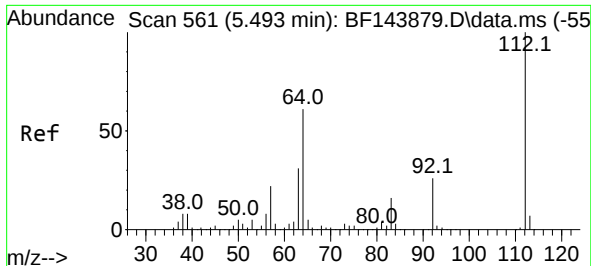


#4
 n-Nitrosodimethylamine
 Concen: 20.051 ng
 RT: 3.346 min Scan# 196
 Delta R.T. -0.041 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

Tgt Ion: 42 Resp: 128915

Ion	Ratio	Lower	Upper
42	100		
74	108.5	90.0	135.0
44	8.2	6.2	9.2

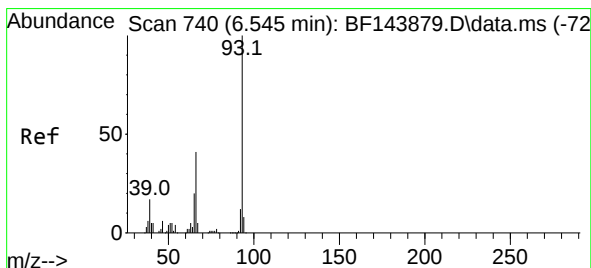
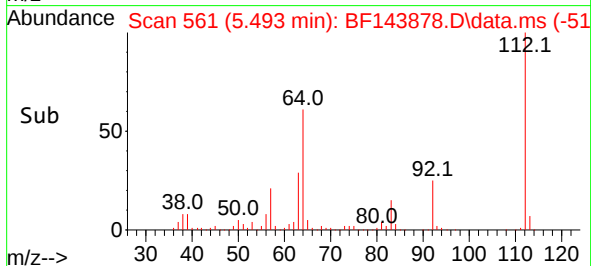
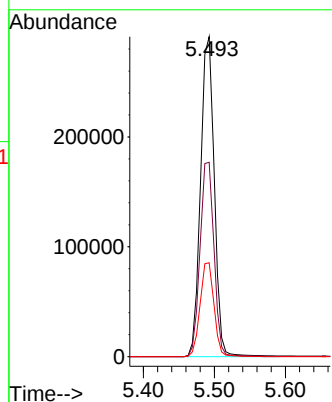
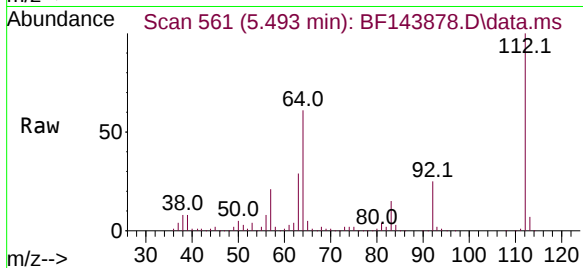




#5
2-Fluorophenol
Concen: 42.947 ng
RT: 5.493 min Scan# 561
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

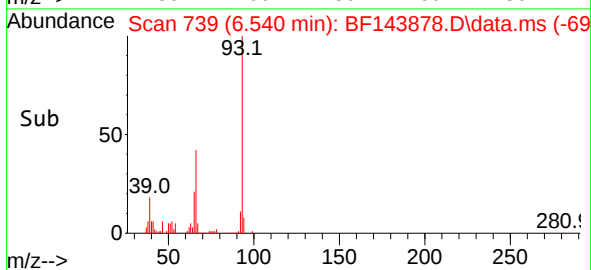
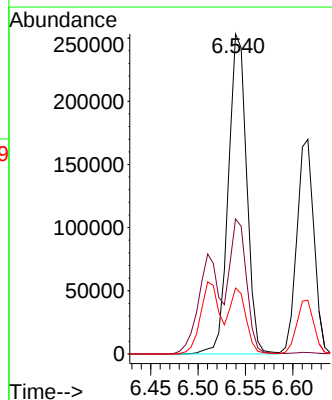
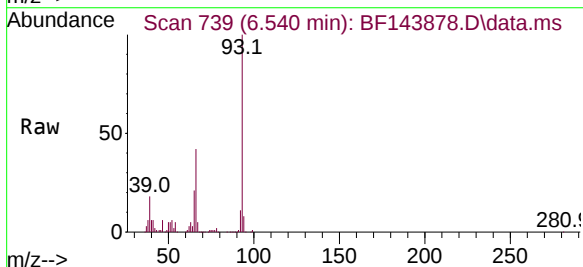
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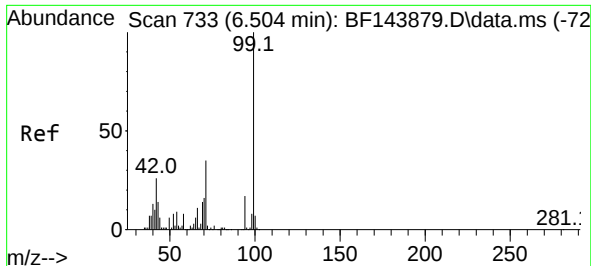
Tgt Ion:112 Resp: 389641
Ion Ratio Lower Upper
112 100
64 60.7 49.1 73.7
63 29.3 24.5 36.7



#6
Aniline
Concen: 20.994 ng
RT: 6.540 min Scan# 739
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 340202
Ion Ratio Lower Upper
93 100
66 42.2 33.0 49.6
65 20.6 15.8 23.8





#7

Phenol-d6

Concen: 42.670 ng

RT: 6.498 min Scan# 733

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

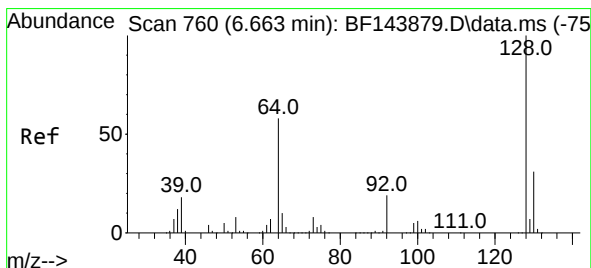
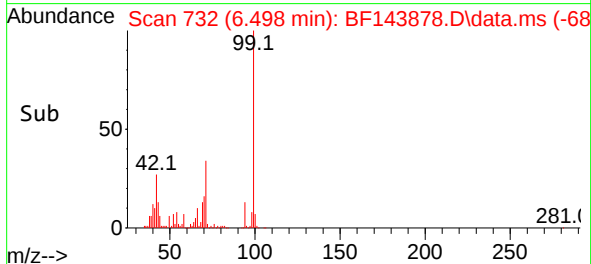
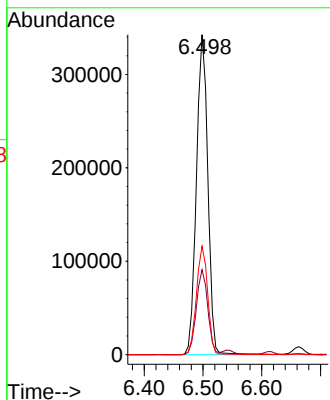
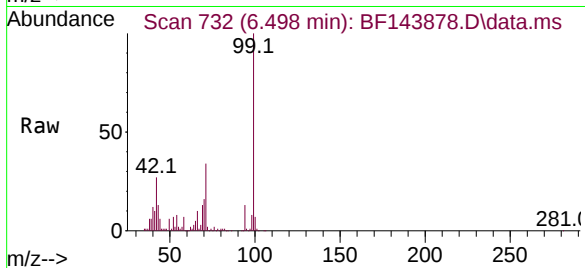
Tgt Ion: 99 Resp: 461437

Ion Ratio Lower Upper

99 100

42 26.5 21.0 31.4

71 33.9 27.8 41.8



#8

2-Chlorophenol

Concen: 20.704 ng

RT: 6.663 min Scan# 760

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

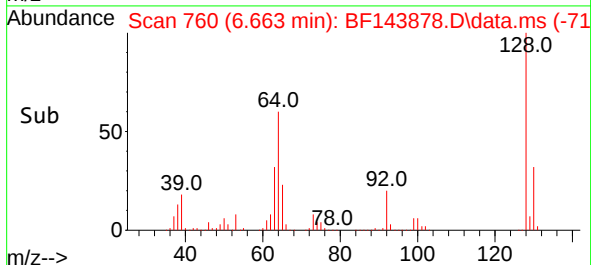
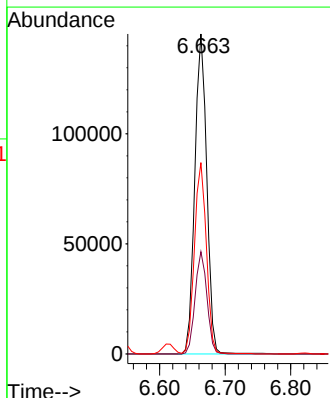
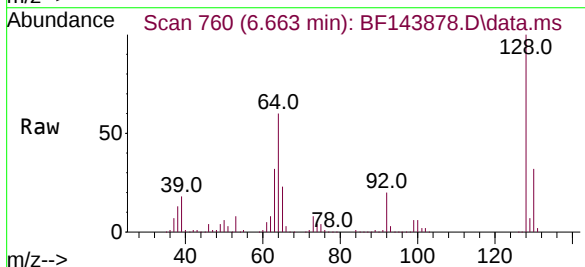
Tgt Ion: 128 Resp: 183611

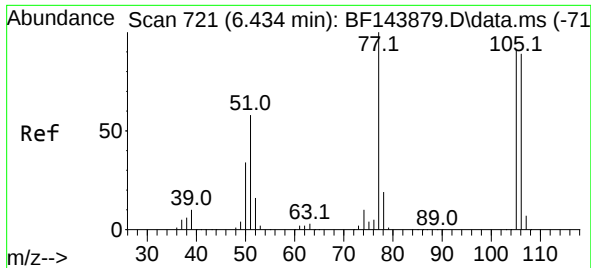
Ion Ratio Lower Upper

128 100

130 31.9 10.7 50.7

64 59.8 39.0 79.0





#9

Benzaldehyde

Concen: 17.715 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

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Acq: 06 Oct 2025 11:56

Instrument :

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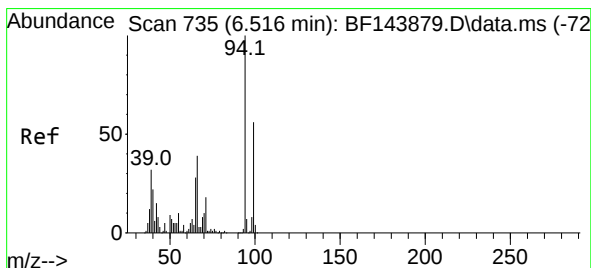
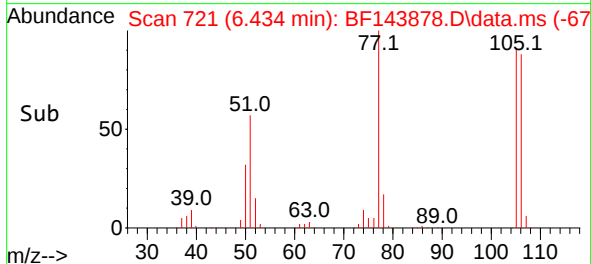
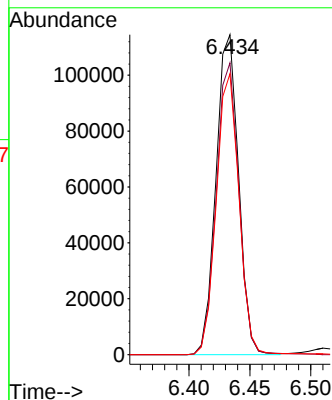
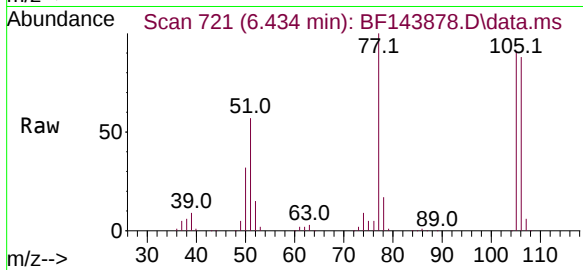
Tgt Ion: 77 Resp: 147781

Ion Ratio Lower Upper

77 100

105 91.2 70.9 110.9

106 87.8 68.9 108.9



#10

Phenol

Concen: 21.046 ng m

RT: 6.510 min Scan# 734

Delta R.T. -0.023 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

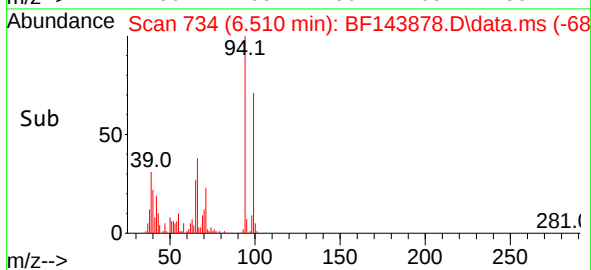
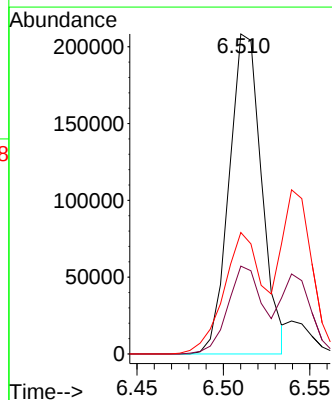
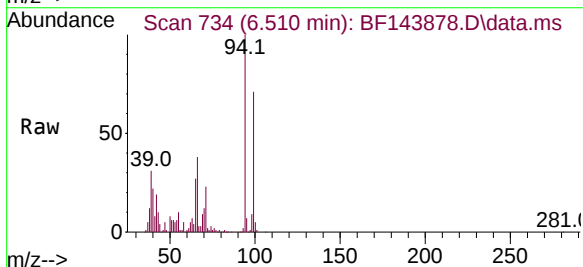
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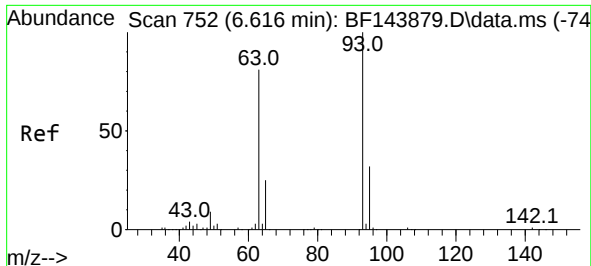
Ion Ratio Lower Upper

94 100

65 27.4 8.5 48.5

66 37.9 19.9 59.9

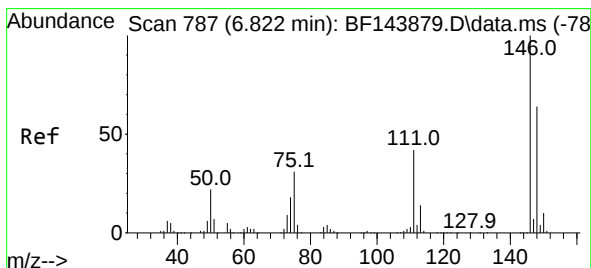
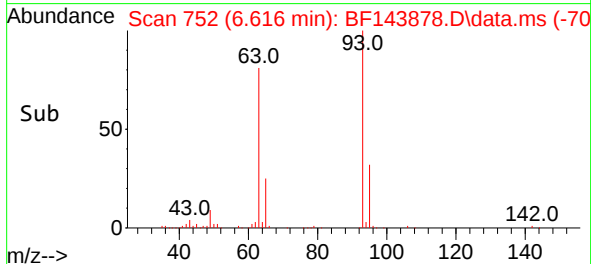
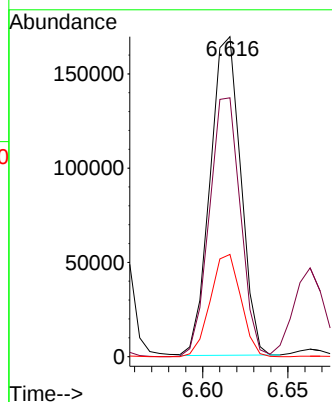
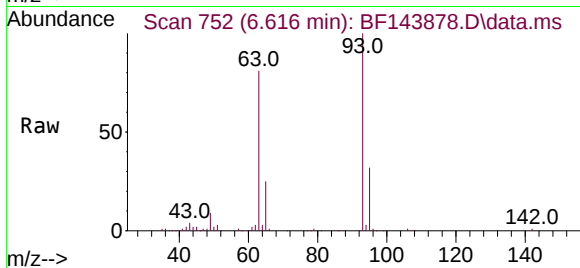




#11
bis(2-Chloroethyl)ether
Concen: 21.157 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

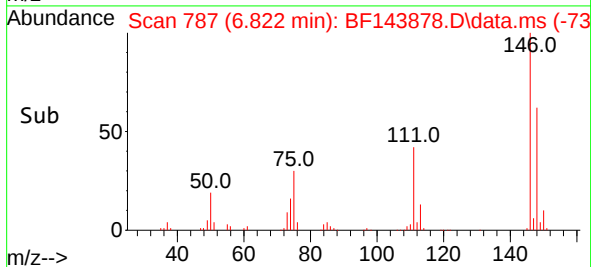
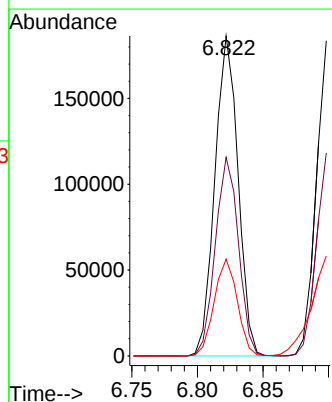
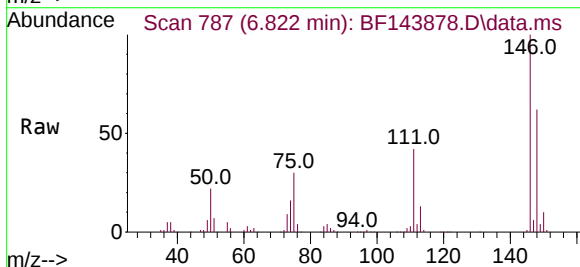
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

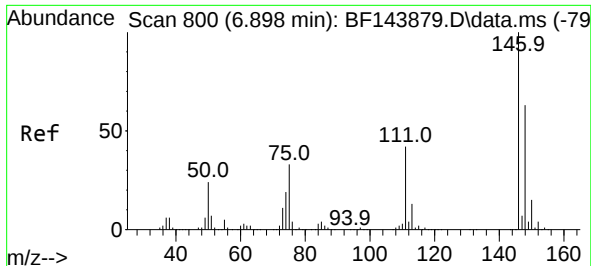
Tgt Ion: 93	Resp: 211296
Ion Ratio	Lower Upper
93 100	
63 80.9	60.9 100.9
95 31.9	11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 21.566 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:146	Resp: 228938		
Ion Ratio	Lower	Upper	
146 100			
148 62.0	51.0	76.4	
75 30.2	24.9	37.3	





#13

1,4-Dichlorobenzene

Concen: 21.554 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

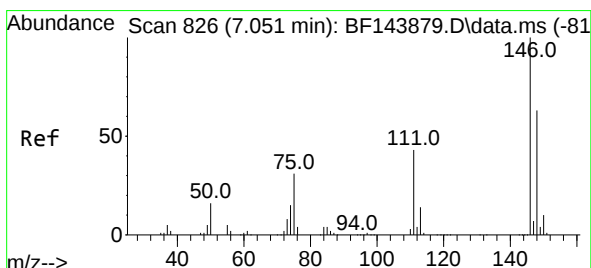
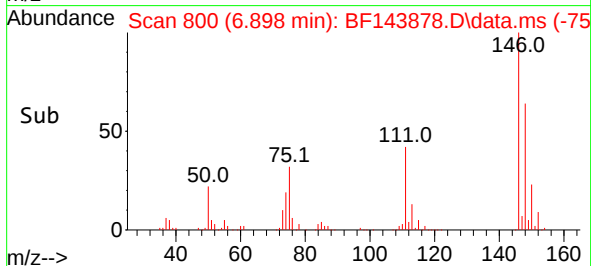
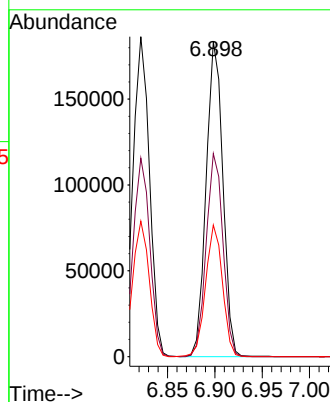
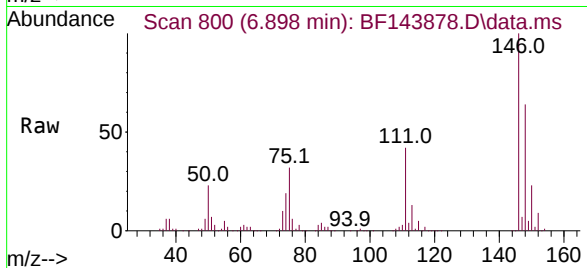
Tgt Ion:146 Resp: 225703

Ion Ratio Lower Upper

146 100

148 64.4 50.5 75.7

111 41.8 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 21.555 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

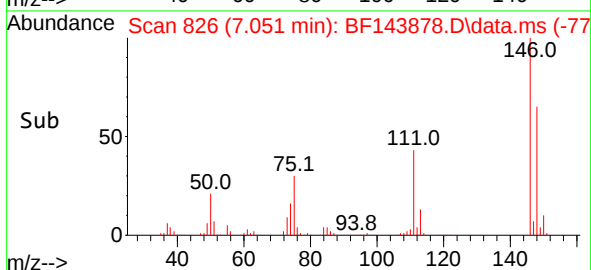
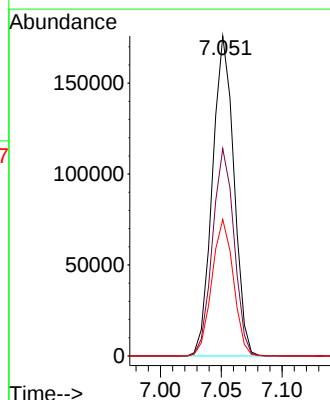
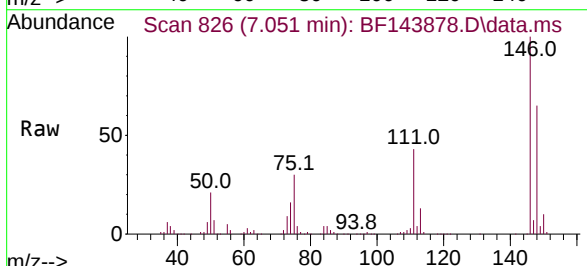
Tgt Ion:146 Resp: 216196

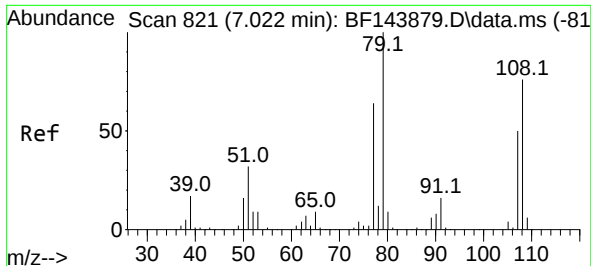
Ion Ratio Lower Upper

146 100

148 64.8 50.6 75.8

111 42.6 34.6 51.8

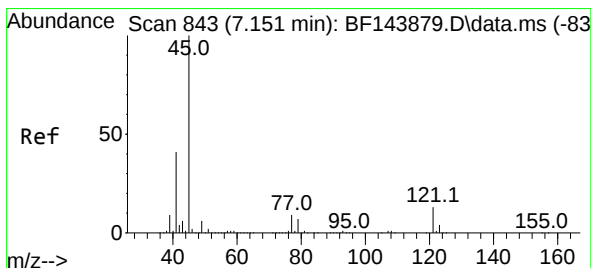
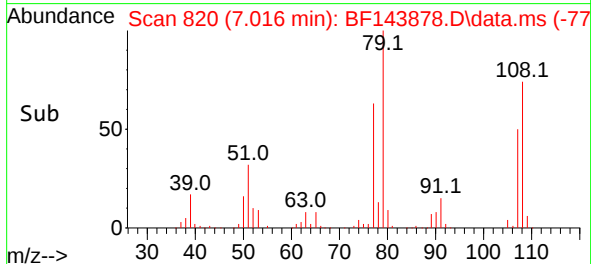
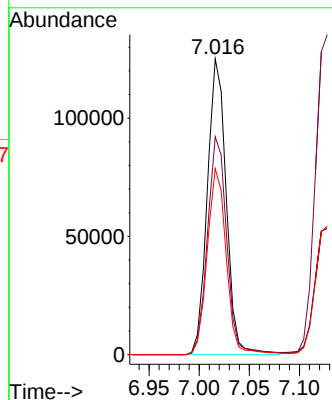
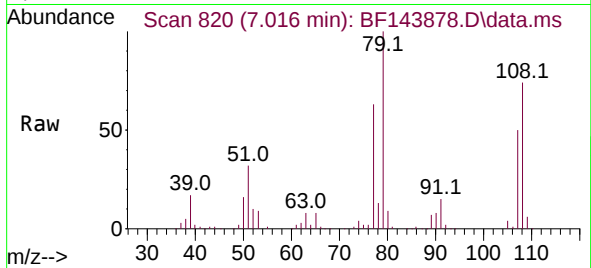




#15
Benzyl Alcohol
Concen: 20.241 ng
RT: 7.016 min Scan# 81
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

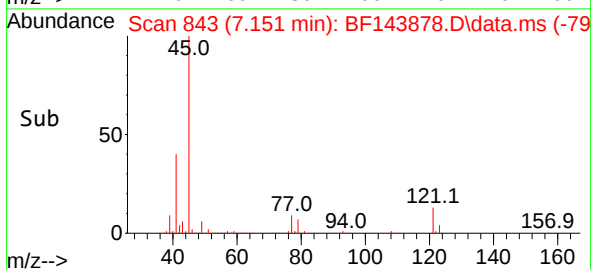
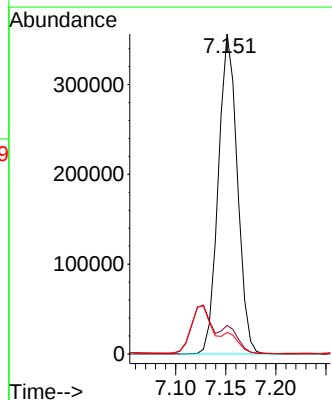
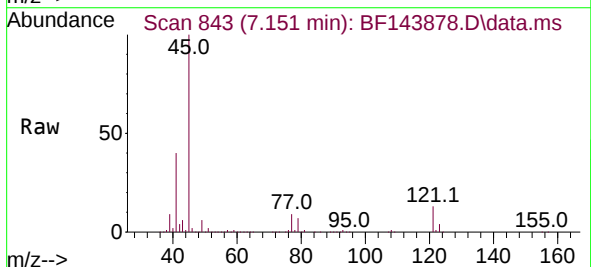
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

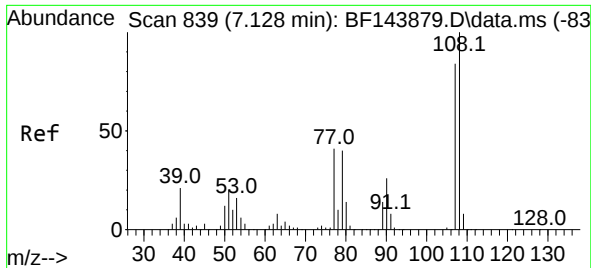
Tgt Ion: 79 Resp: 164008
Ion Ratio Lower Upper
79 100
108 73.6 60.8 91.2
77 62.9 51.0 76.6



#16
2,2'-oxybis(1-chloropropane)
Concen: 20.745 ng
RT: 7.151 min Scan# 843
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 45 Resp: 471598
Ion Ratio Lower Upper
45 100
77 8.9 0.0 29.0
79 6.7 0.0 26.8

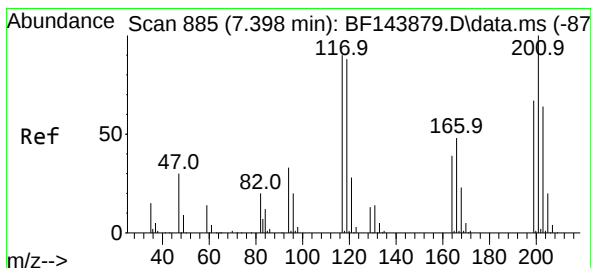
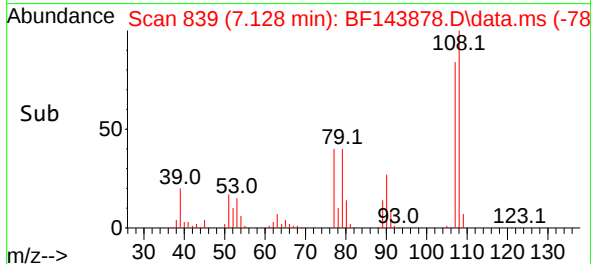
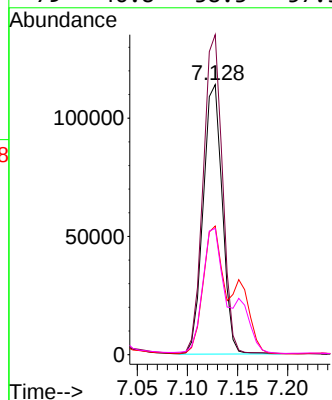
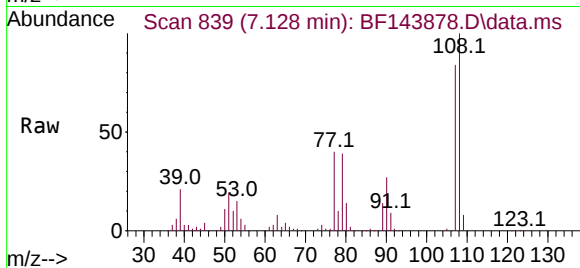




#17
2-Methylphenol
Concen: 20.616 ng
RT: 7.128 min Scan# 839
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

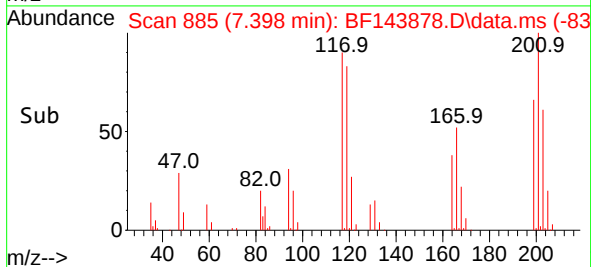
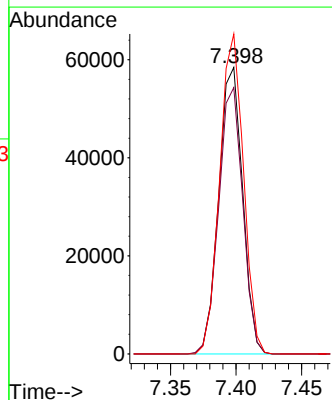
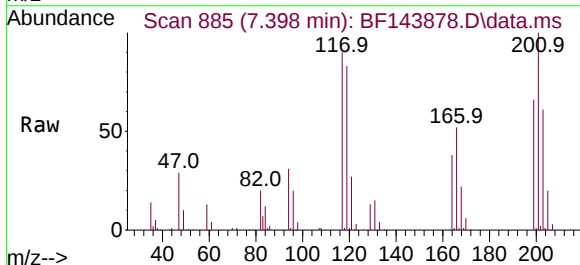
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

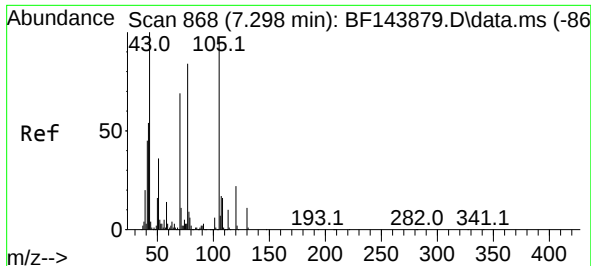
Tgt Ion:	107	Resp:	151099
Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.7	142.1
77	47.6	38.8	58.2
79	46.8	38.3	57.5



#18
Hexachloroethane
Concen: 21.232 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:	117	Resp:	74147
Ion	Ratio	Lower	Upper
117	100		
119	93.0	77.8	116.8
201	111.7	88.5	132.7



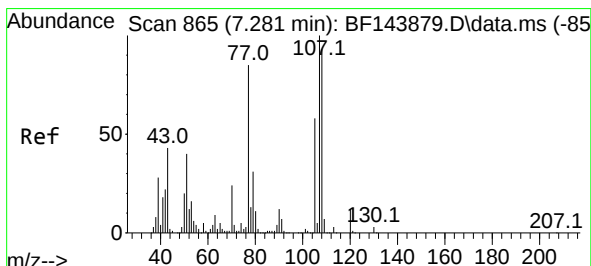
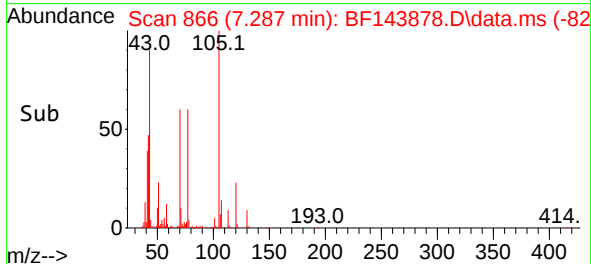
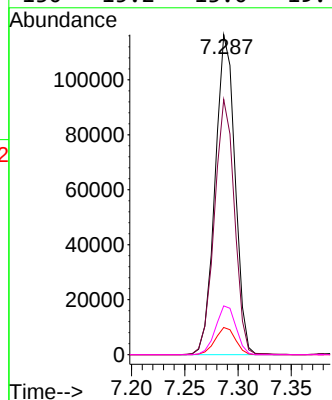
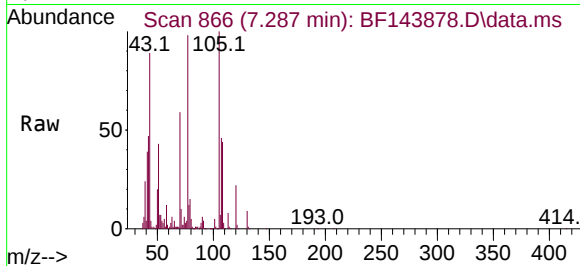


#19
n-Nitroso-di-n-propylamine
Concen: 20.512 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion: 70 Resp: 151838

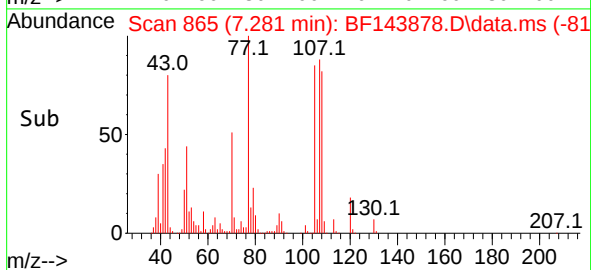
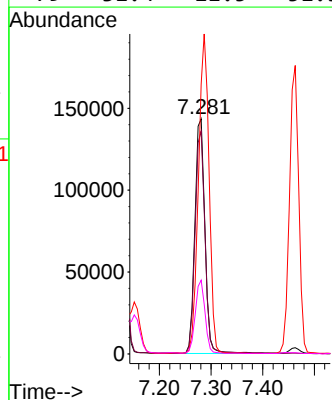
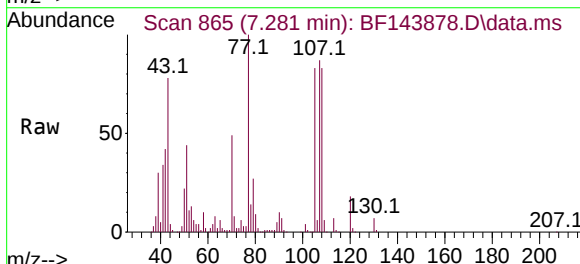
Ion	Ratio	Lower	Upper
70	100		
42	79.7	62.8	94.2
101	8.5	6.7	10.1
130	15.2	13.0	19.4

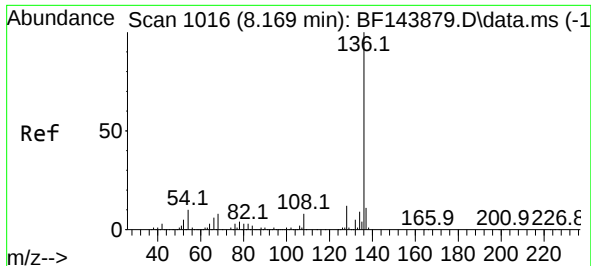


#20
3+4-Methylphenols
Concen: 22.753 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 107 Resp: 193273

Ion	Ratio	Lower	Upper
107	100		
108	94.8	73.0	113.0
77	114.7	64.6	104.6#
79	31.4	11.5	51.5



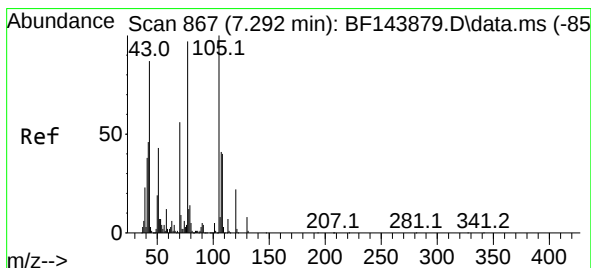
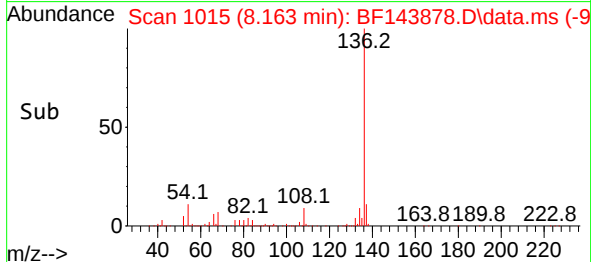
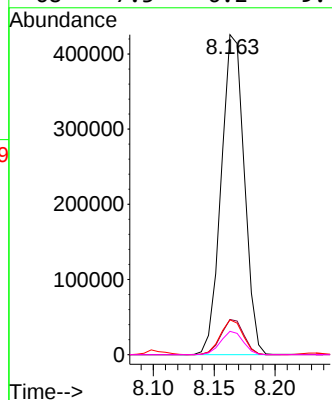
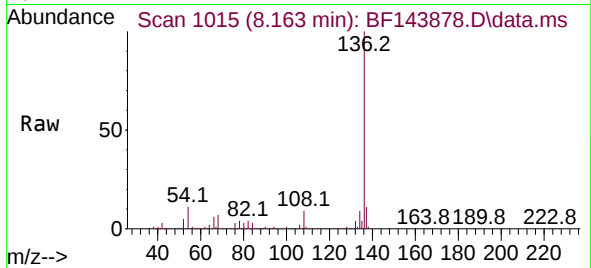


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:136 Resp: 561772

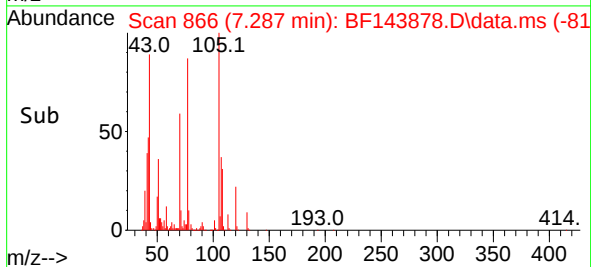
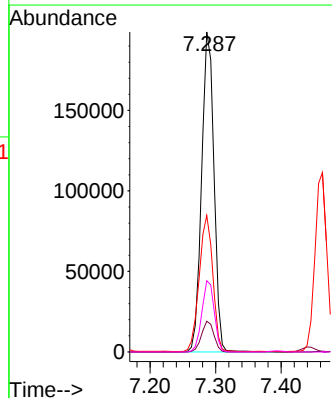
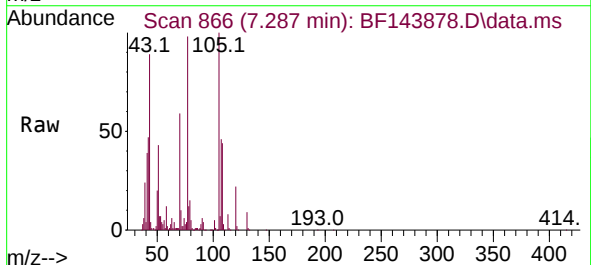
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.9	8.2	12.4
68	7.3	6.2	9.4

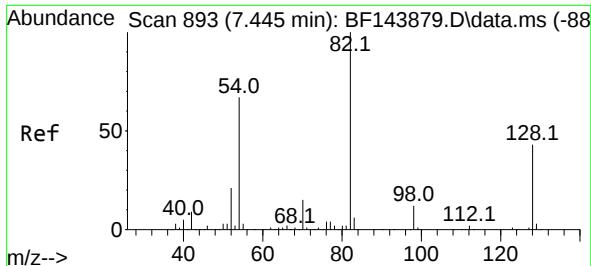


#22
Acetophenone
Concen: 21.837 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:105 Resp: 259382

Ion	Ratio	Lower	Upper
105	100		
71	9.6	7.4	11.0
51	42.6	34.2	51.4
120	22.2	17.7	26.5





#23

Nitrobenzene-d5

Concen: 42.133 ng

RT: 7.439 min Scan# 893

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

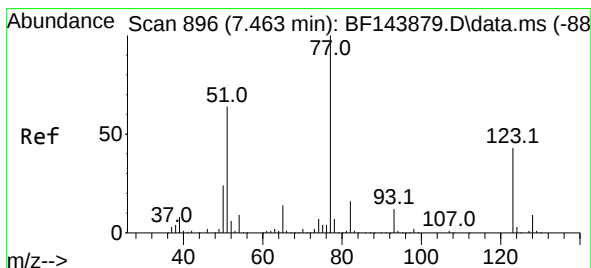
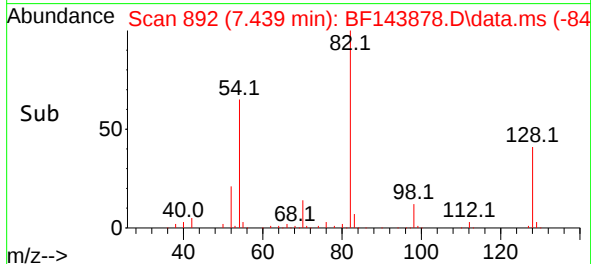
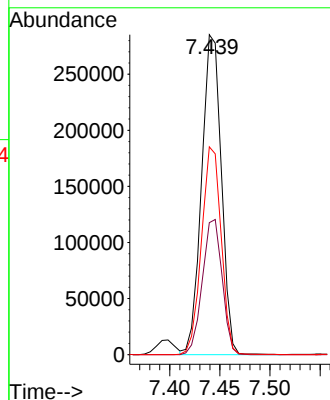
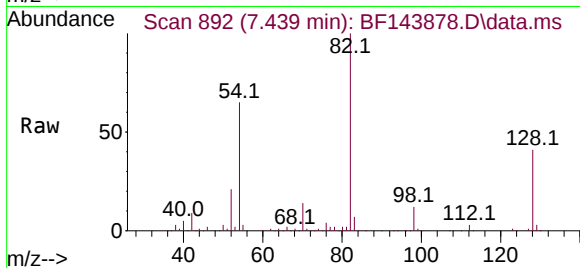
BNA_F

ClientSampleId :

SSTDICC020

Tgt Ion: 82 Resp: 389584

Ion	Ratio	Lower	Upper
82	100		
128	41.2	34.0	51.0
54	64.9	53.2	79.8



#24

Nitrobenzene

Concen: 21.279 ng

RT: 7.463 min Scan# 896

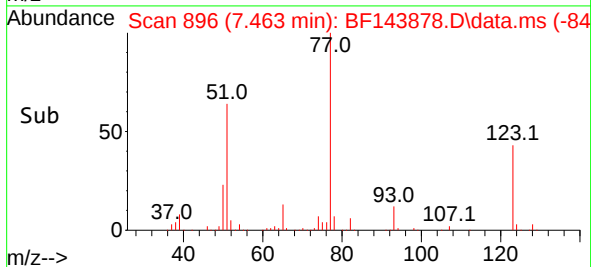
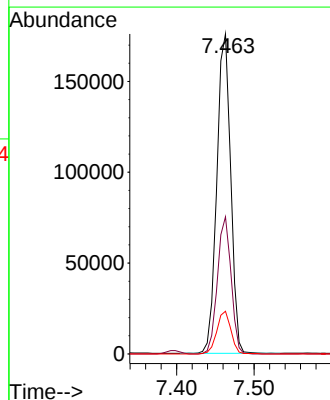
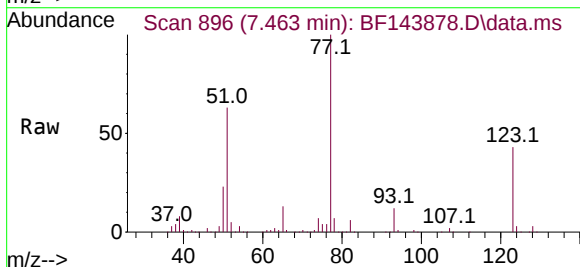
Delta R.T. -0.012 min

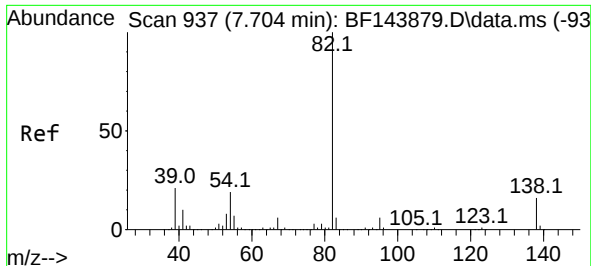
Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion: 77 Resp: 218497

Ion	Ratio	Lower	Upper
77	100		
123	42.8	34.2	51.4
65	13.3	11.0	16.6

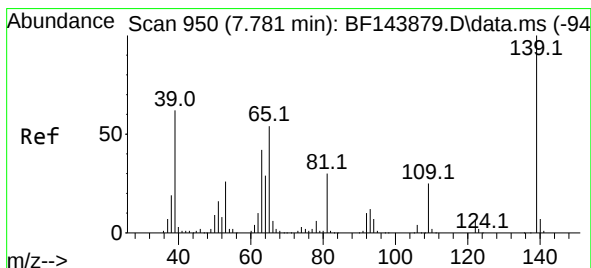
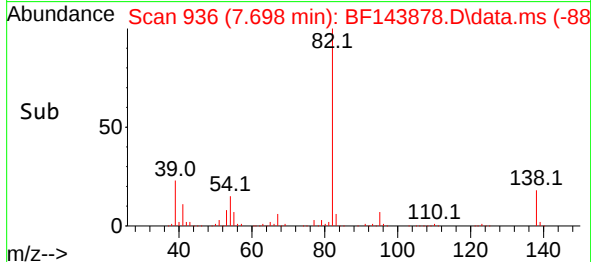
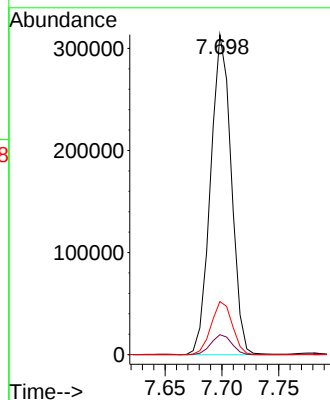
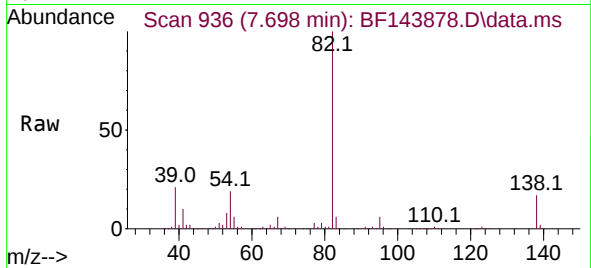




#25
Isophorone
Concen: 20.393 ng
RT: 7.698 min Scan# 937
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

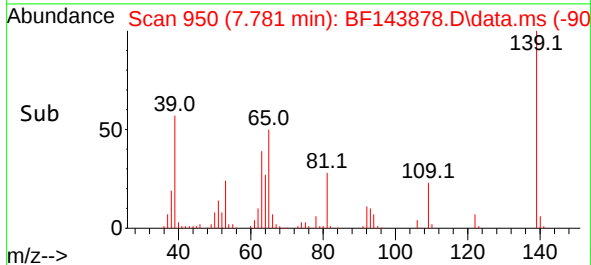
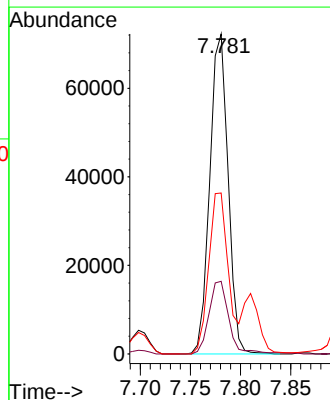
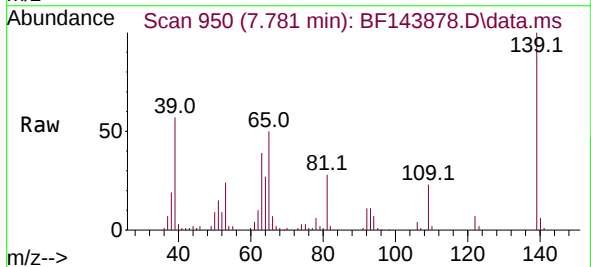
Instrument :
BNA_F
ClientSampleId :
SSTDIC020

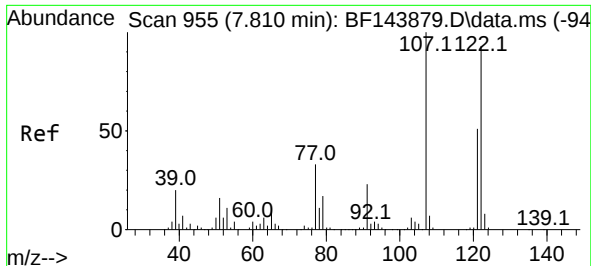
Tgt Ion: 82 Resp: 397606
Ion Ratio Lower Upper
82 100
95 6.2 5.1 7.7
138 16.6 12.9 19.3



#26
2-Nitrophenol
Concen: 20.747 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:139 Resp: 91336
Ion Ratio Lower Upper
139 100
109 22.7 19.8 29.6
65 50.3 42.9 64.3

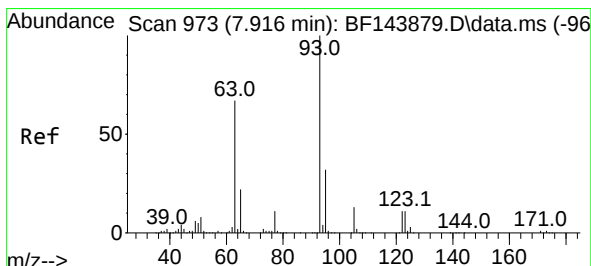
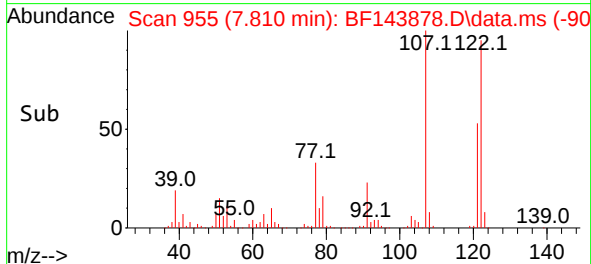
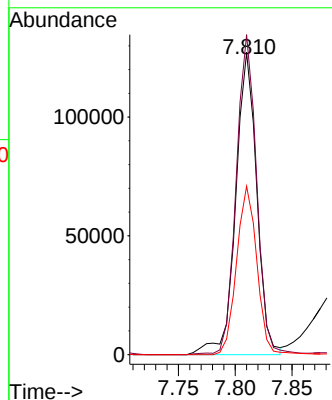
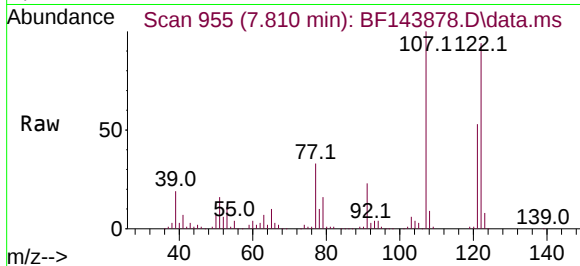




#27
2,4-Dimethylphenol
Concen: 20.682 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

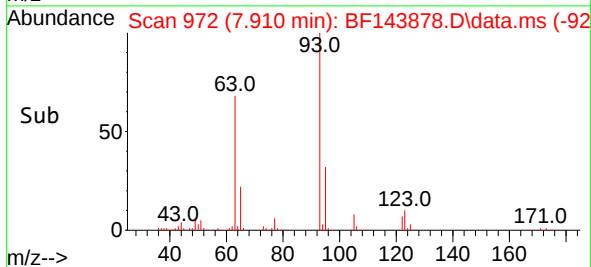
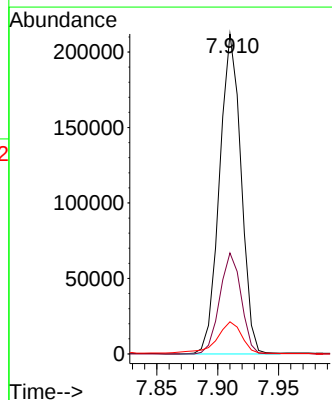
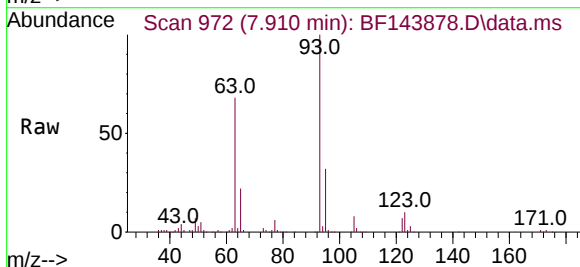
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

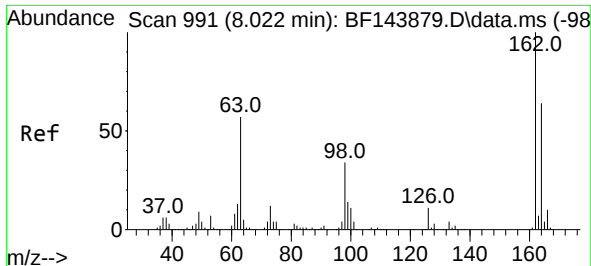
Tgt Ion:122 Resp: 163783
Ion Ratio Lower Upper
122 100
107 105.9 86.1 129.1
121 55.8 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 21.131 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion: 93 Resp: 260252
Ion Ratio Lower Upper
93 100
95 31.5 25.9 38.9
123 10.0 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 21.328 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

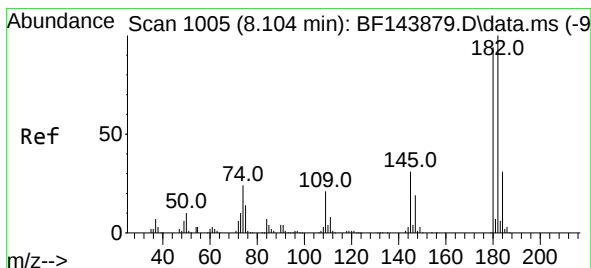
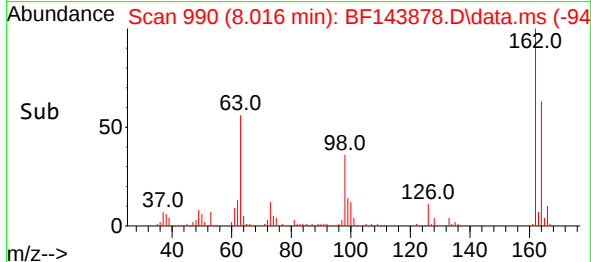
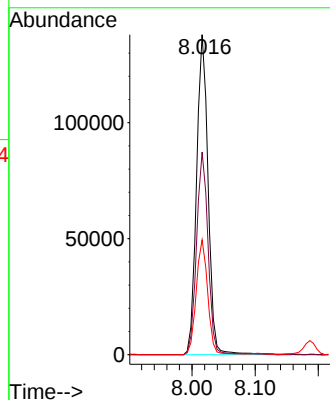
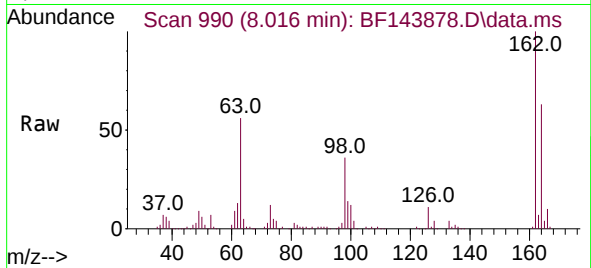
Tgt Ion:162 Resp: 175934

Ion Ratio Lower Upper

162 100

164 63.3 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 21.234 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

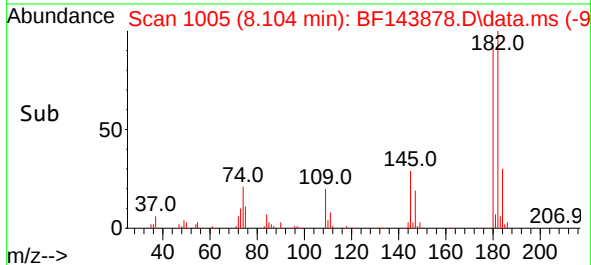
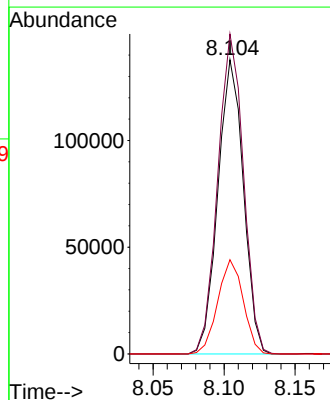
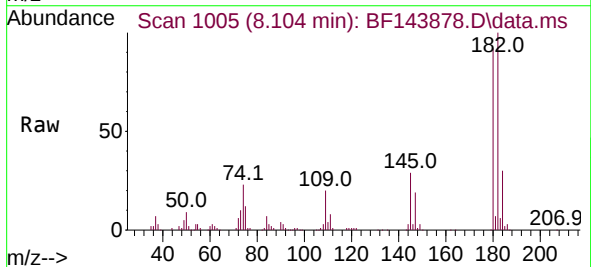
Tgt Ion:180 Resp: 172265

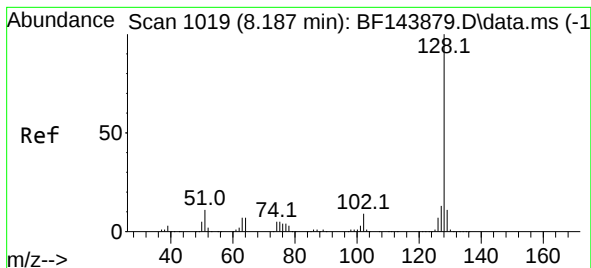
Ion Ratio Lower Upper

180 100

182 108.8 85.4 128.0

145 32.0 26.3 39.5





#31

Naphthalene

Concen: 21.365 ng

RT: 8.186 min Scan# 1019

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

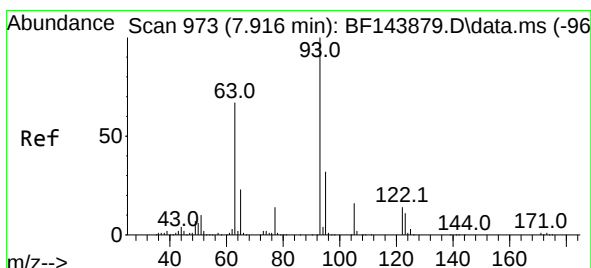
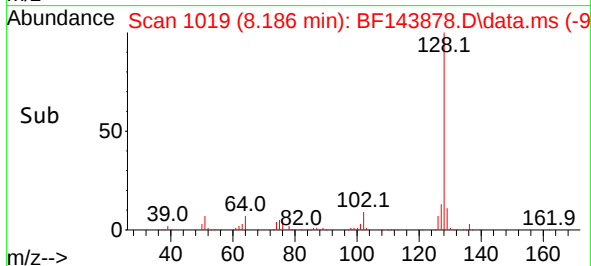
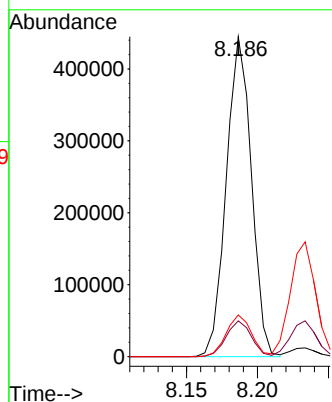
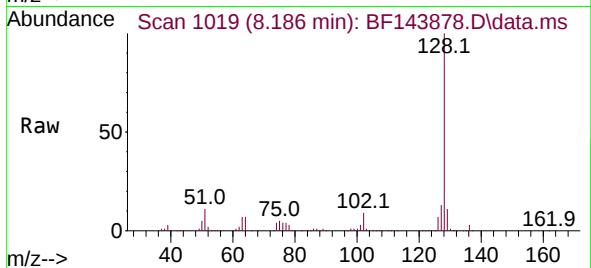
Tgt Ion:128 Resp: 545971

Ion Ratio Lower Upper

128 100

129 11.2 8.7 13.1

127 13.1 10.0 15.0



#32

Benzoic acid

Concen: 17.912 ng m

RT: 7.892 min Scan# 969

Delta R.T. -0.071 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

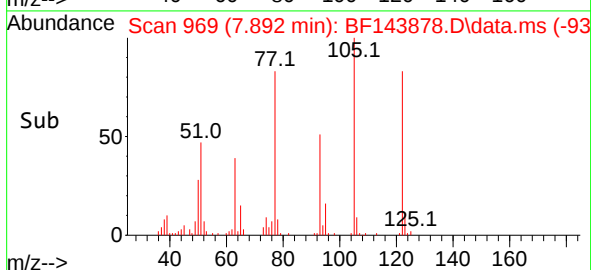
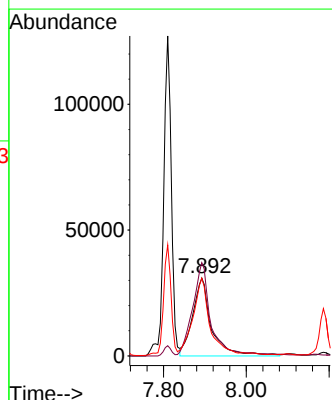
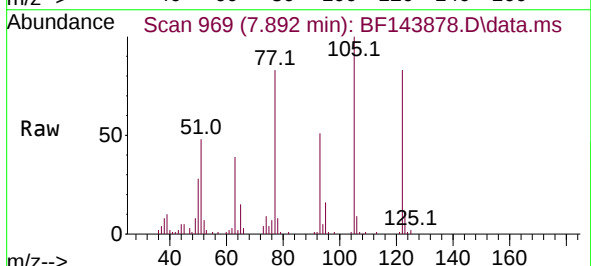
Tgt Ion:122 Resp: 98172

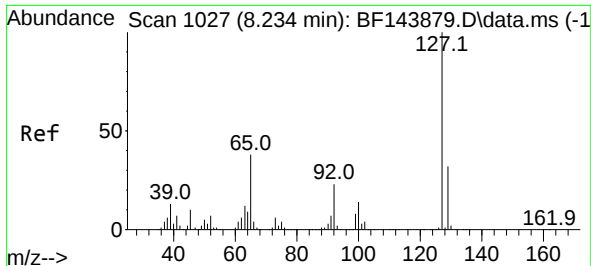
Ion Ratio Lower Upper

122 100

105 120.1 93.5 133.5

77 100.0 76.3 116.3

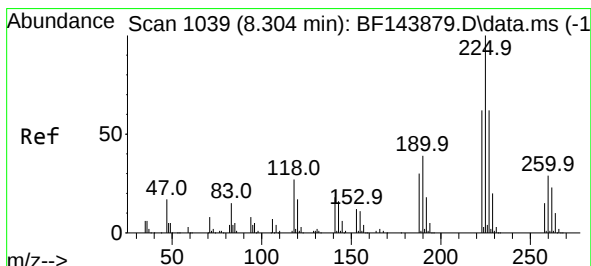
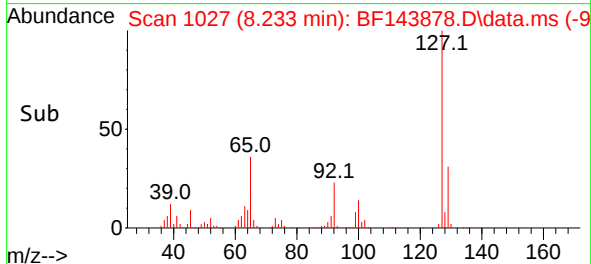
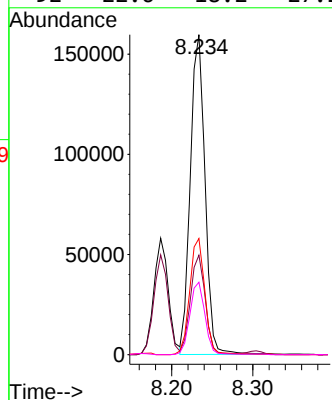
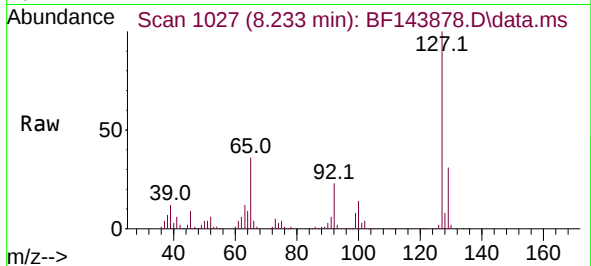




#33
4-Chloroaniline
Concen: 20.924 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

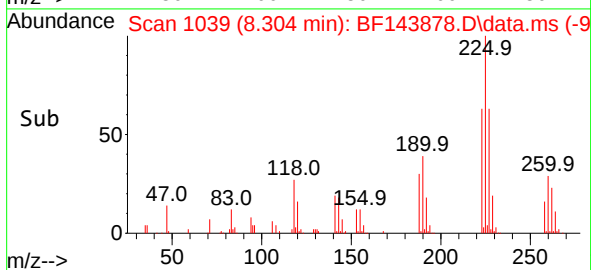
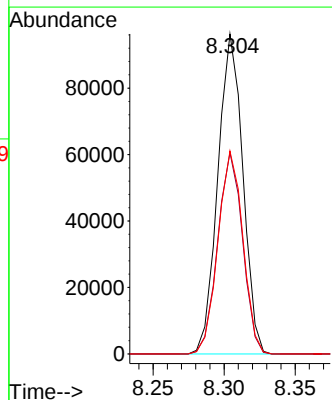
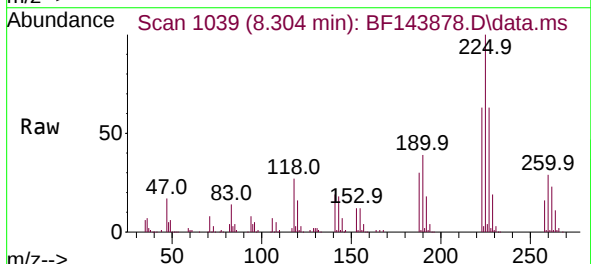
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

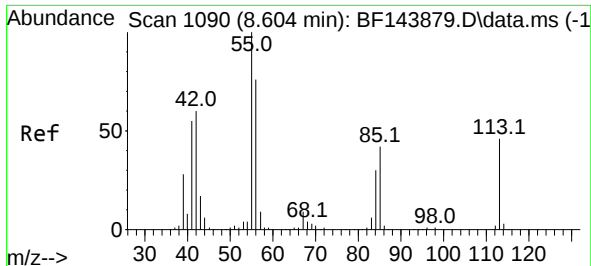
Tgt Ion	127	Resp: Lower	200545 Upper
	127	100	
	129	31.1	25.8 38.8
	65	36.3	30.0 45.0
	92	22.6	18.2 27.2



#34
Hexachlorobutadiene
Concen: 20.941 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:225	Resp: 118056
Ion Ratio	Lower Upper
225 100	
223 62.9	49.4 74.2
227 63.4	49.7 74.5

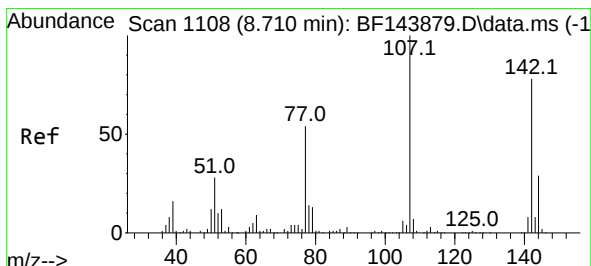
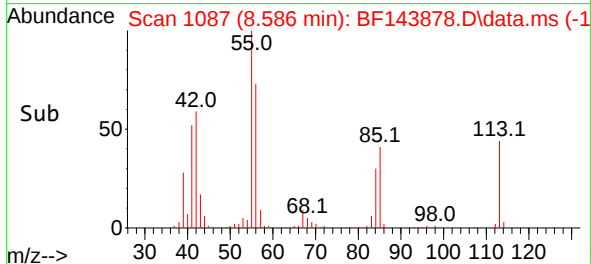
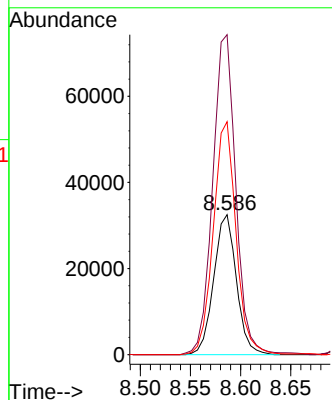
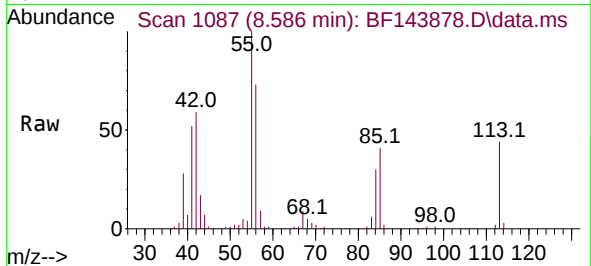




#35
Caprolactam
Concen: 19.505 ng
RT: 8.586 min Scan# 1090
Delta R.T. -0.059 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

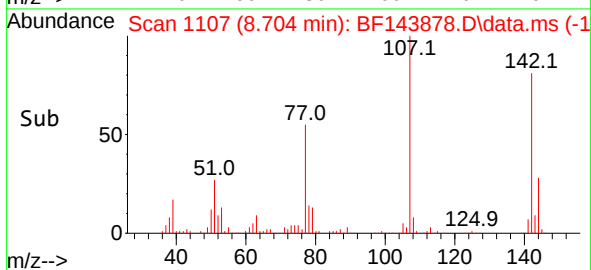
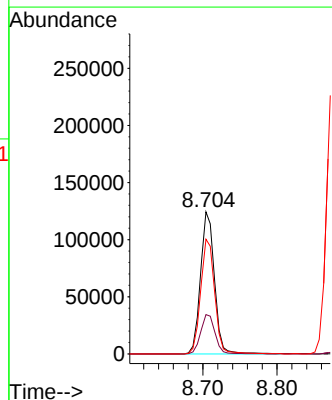
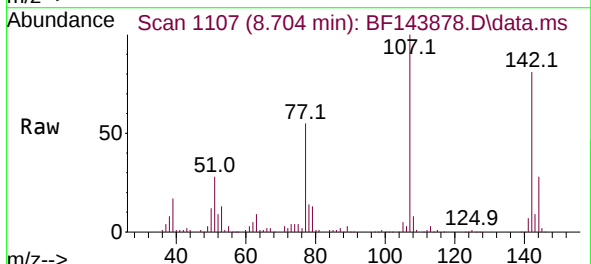
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

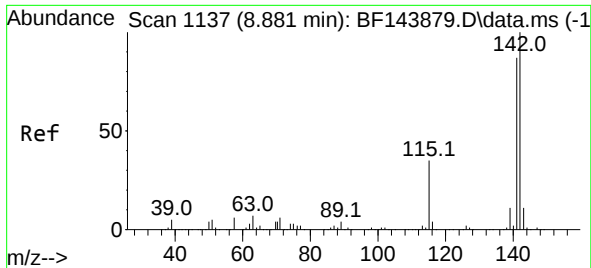
Tgt Ion:113 Resp: 51159
Ion Ratio Lower Upper
113 100
55 228.6 199.6 239.6
56 166.4 146.0 186.0



#36
4-Chloro-3-methylphenol
Concen: 20.524 ng
RT: 8.704 min Scan# 1107
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:107 Resp: 162629
Ion Ratio Lower Upper
107 100
144 27.7 23.1 34.7
142 80.8 62.6 94.0

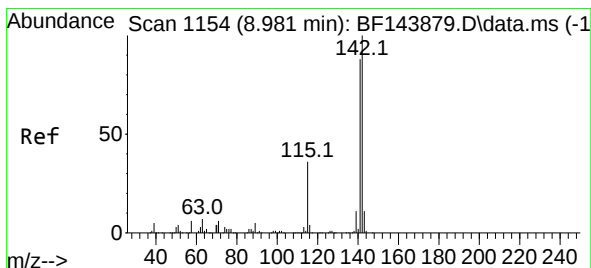
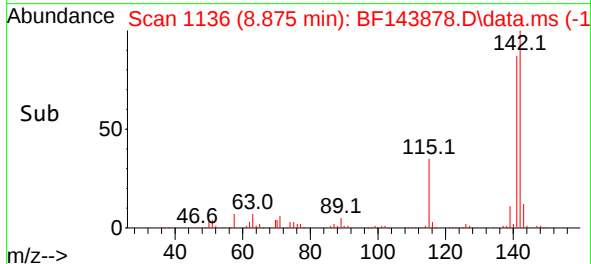
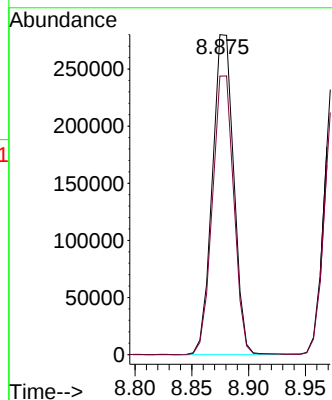
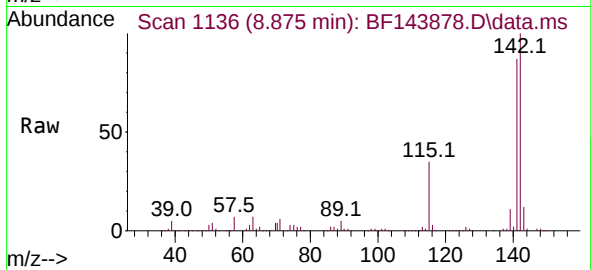




#37
2-Methylnaphthalene
Concen: 21.583 ng
RT: 8.875 min Scan# 1136
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

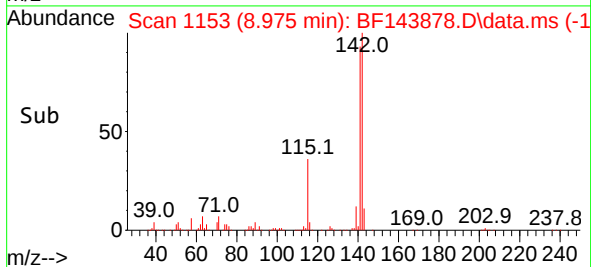
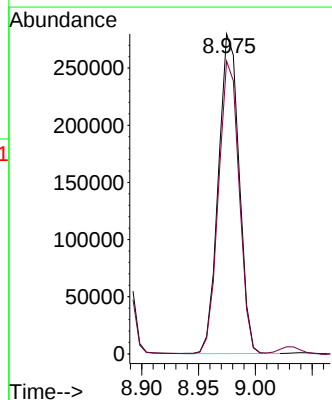
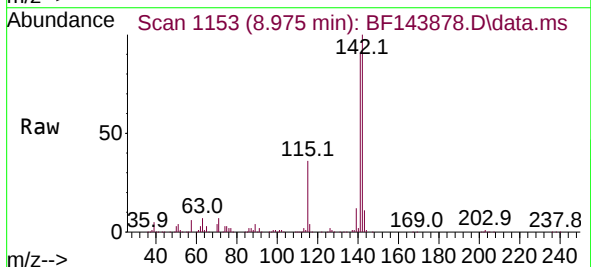
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

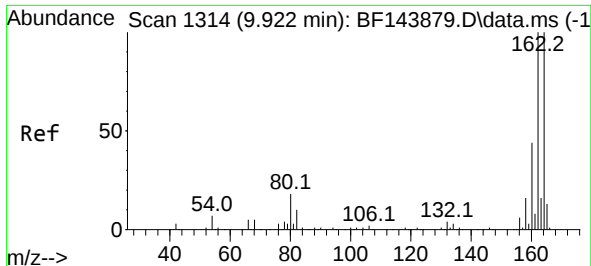
Tgt Ion:142 Resp: 367401
Ion Ratio Lower Upper
142 100
141 87.0 69.2 103.8



#38
1-Methylnaphthalene
Concen: 21.407 ng
RT: 8.975 min Scan# 1153
Delta R.T. -0.011 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:142 Resp: 353459
Ion Ratio Lower Upper
142 100
141 91.5 70.8 106.2

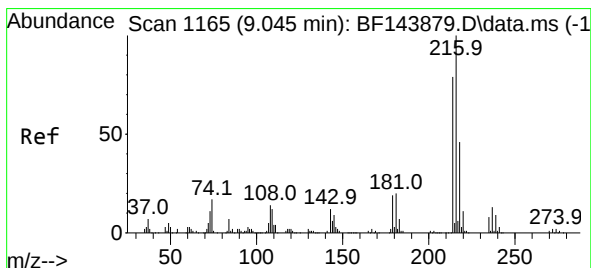
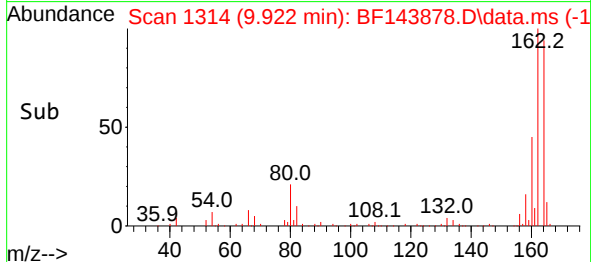
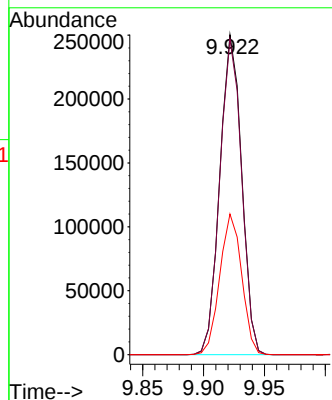
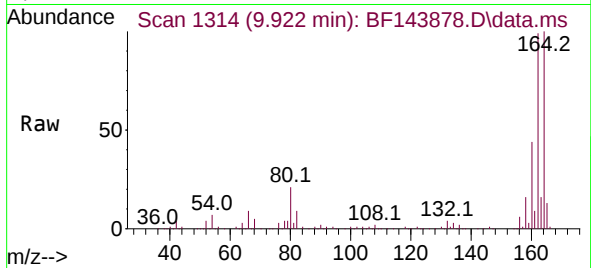




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

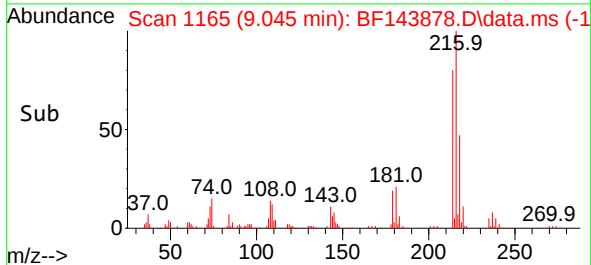
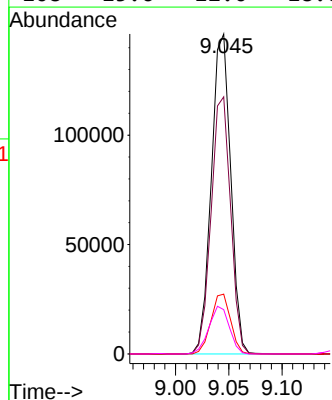
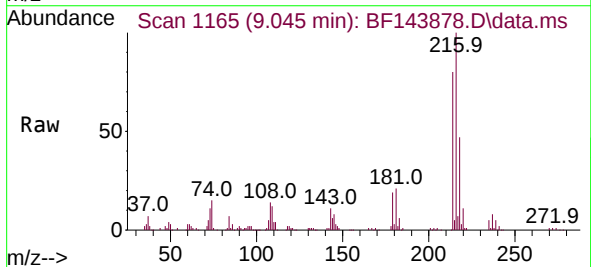
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

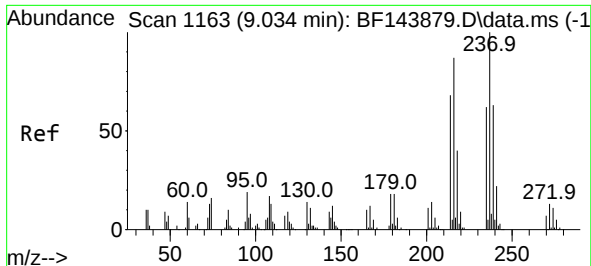
Tgt Ion:164 Resp: 311297
Ion Ratio Lower Upper
164 100
162 98.6 80.2 120.2
160 43.9 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.523 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:216 Resp: 185181
Ion Ratio Lower Upper
216 100
214 80.8 62.6 94.0
179 18.9 15.4 23.0
108 15.6 12.0 18.0

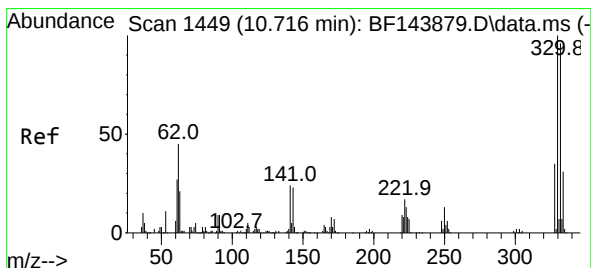
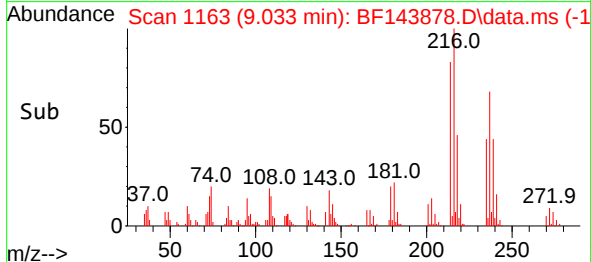
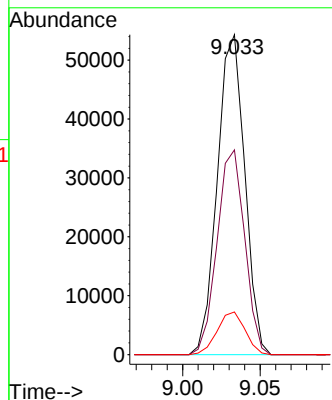
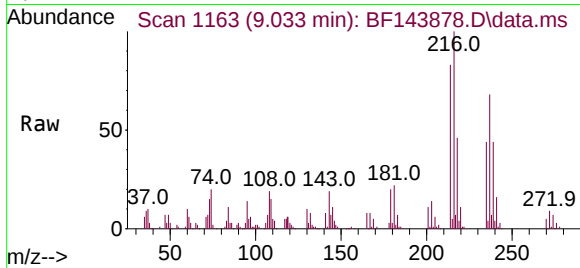




#41
Hexachlorocyclopentadiene
Concen: 18.807 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

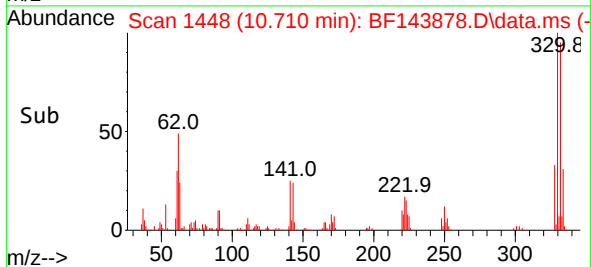
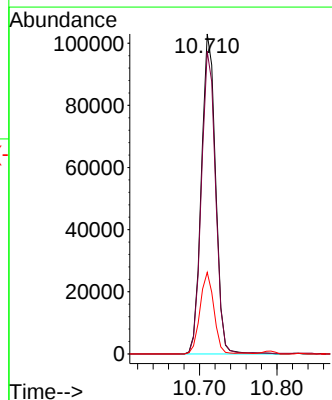
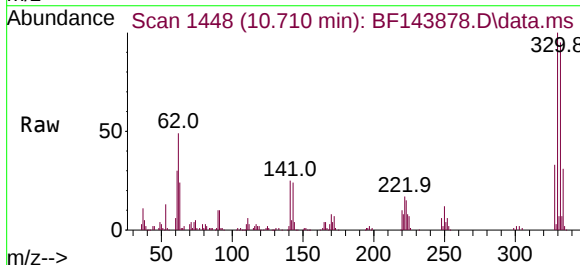
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

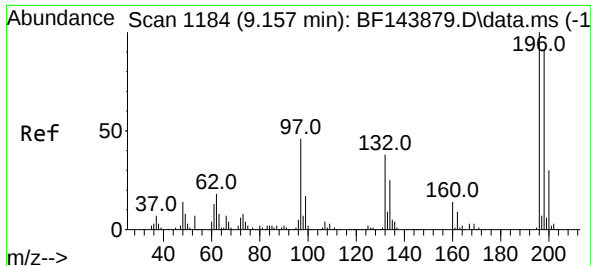
Tgt Ion:237	Resp:	67128
Ion Ratio	Lower	Upper
237	100	
235	64.0	42.3 82.3
272	13.4	0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 42.114 ng
RT: 10.710 min Scan# 1448
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:330	Resp:	130577
Ion Ratio	Lower	Upper
330	100	
332	94.8	76.9 115.3
141	24.8	20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 21.116 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

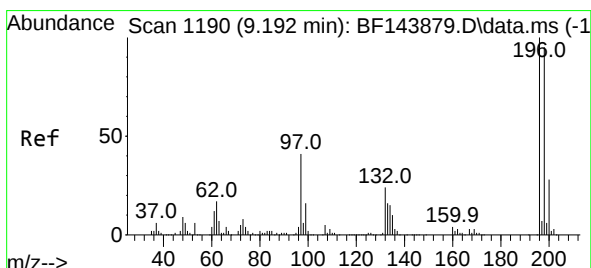
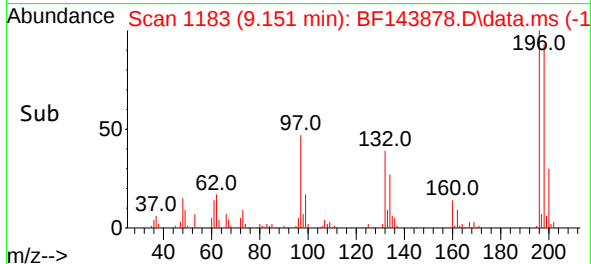
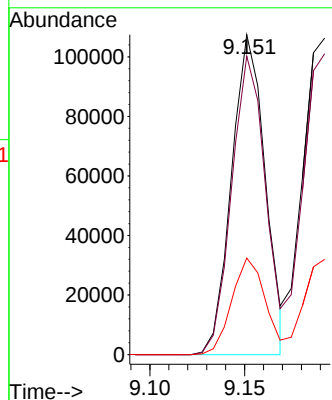
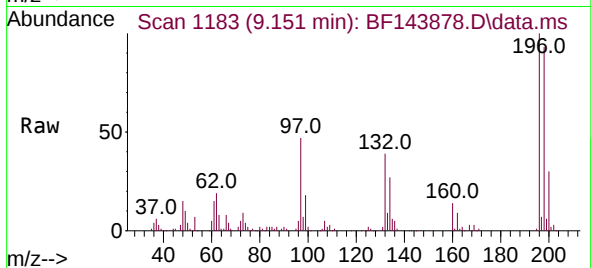
Tgt Ion:196 Resp: 132747

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

200 30.2 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 21.532 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Tgt Ion:196 Resp: 143043

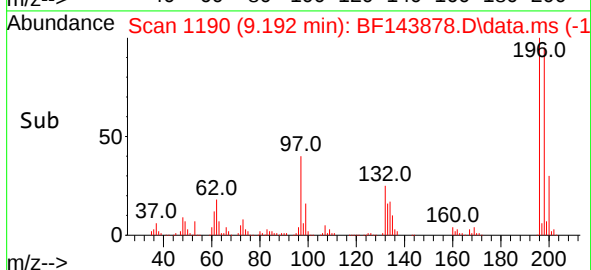
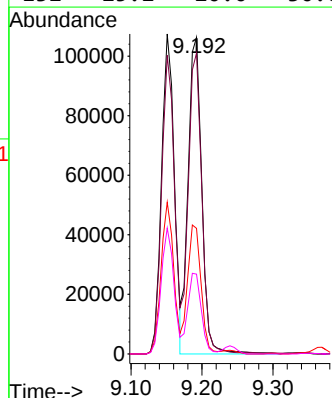
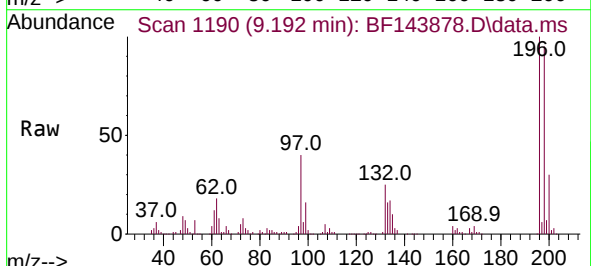
Ion Ratio Lower Upper

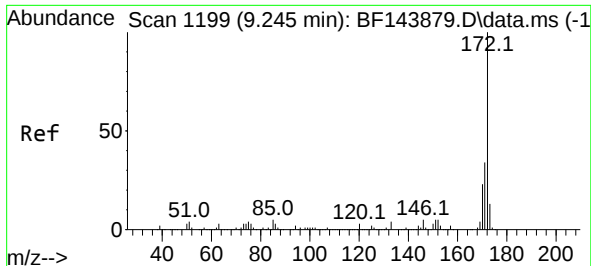
196 100

198 95.0 75.5 113.3

97 39.6 33.9 50.9

132 25.2 20.0 30.0





#45

2-Fluorobiphenyl

Concen: 42.367 ng

RT: 9.239 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

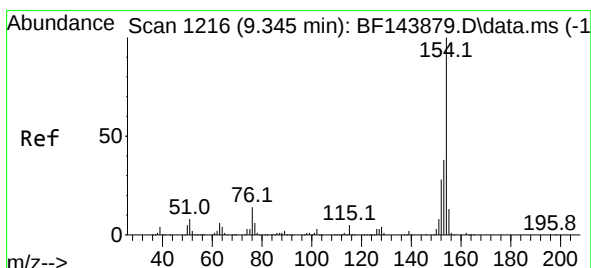
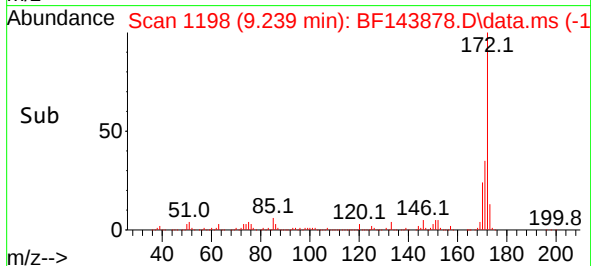
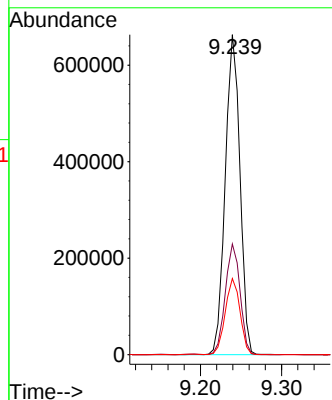
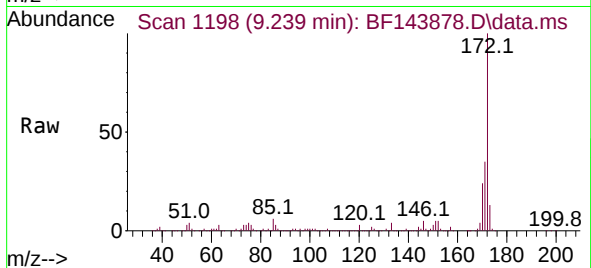
Tgt Ion:172 Resp: 831185

Ion Ratio Lower Upper

172 100

171 34.6 27.4 41.0

170 23.8 18.6 28.0



#46

1,1'-Biphenyl

Concen: 21.868 ng

RT: 9.339 min Scan# 1215

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

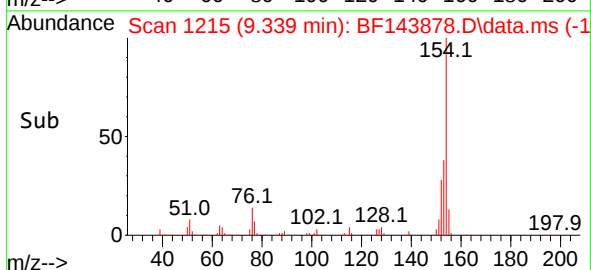
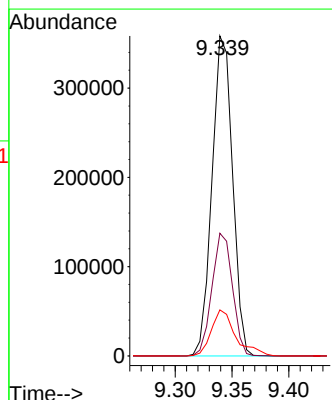
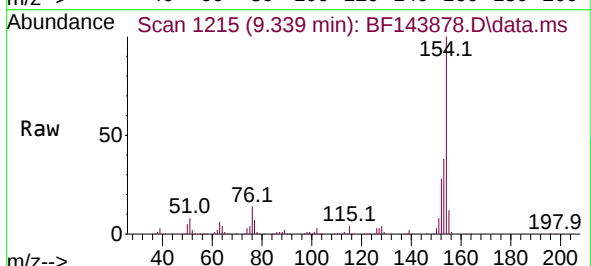
Tgt Ion:154 Resp: 450706

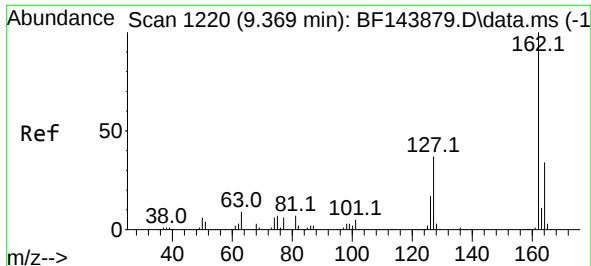
Ion Ratio Lower Upper

154 100

153 38.3 18.4 58.4

76 14.4 0.0 34.0





#47

2-Chloronaphthalene

Concen: 21.679 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

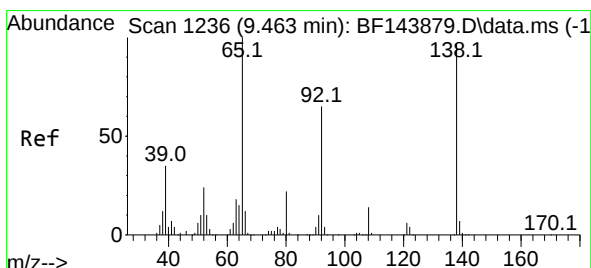
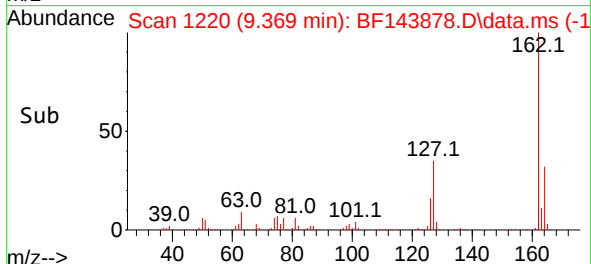
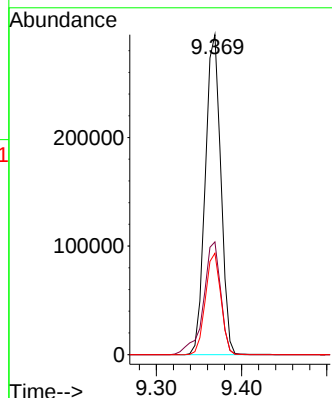
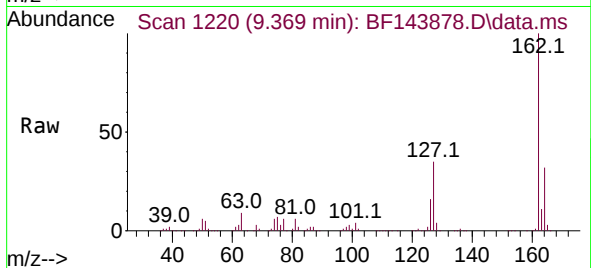
Tgt Ion:162 Resp: 372531

Ion Ratio Lower Upper

162 100

127 35.2 30.2 45.2

164 31.7 26.9 40.3



#48

2-Nitroaniline

Concen: 21.263 ng

RT: 9.457 min Scan# 1235

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

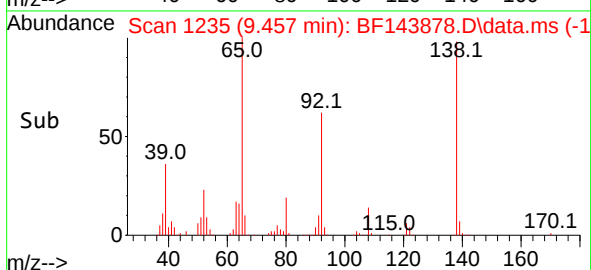
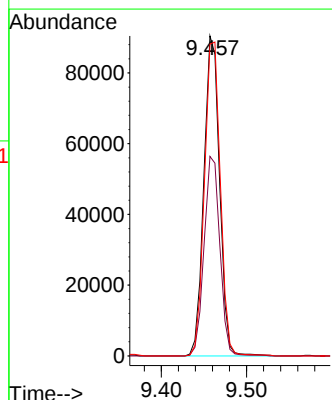
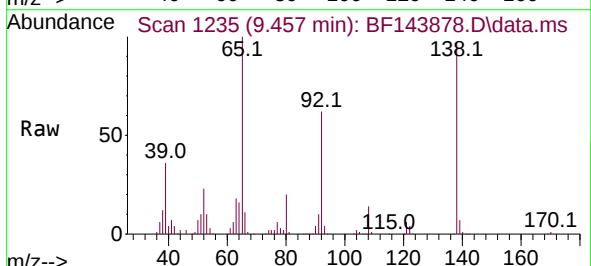
Tgt Ion: 65 Resp: 115519

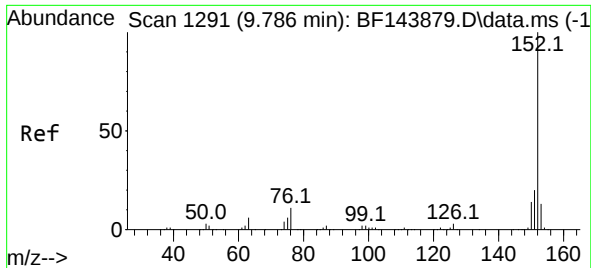
Ion Ratio Lower Upper

65 100

92 62.3 52.1 78.1

138 97.4 77.4 116.2

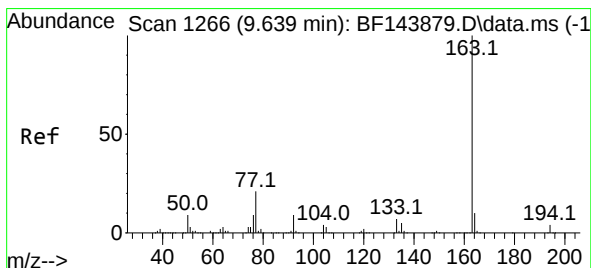
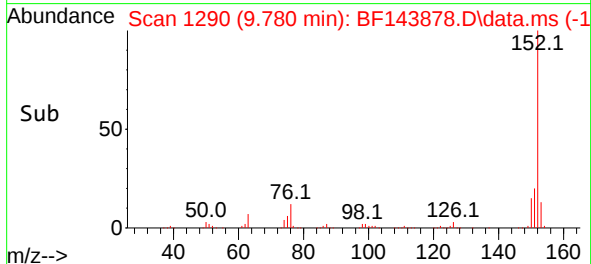
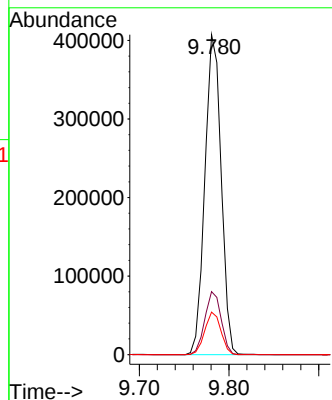
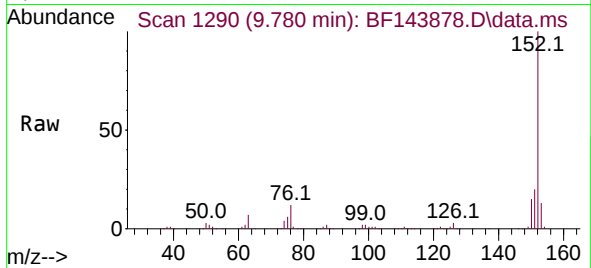




#49
Acenaphthylene
Concen: 21.234 ng
RT: 9.780 min Scan# 1291
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

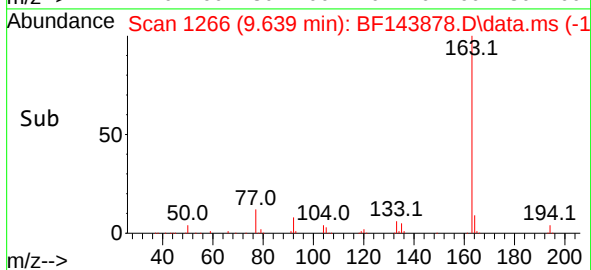
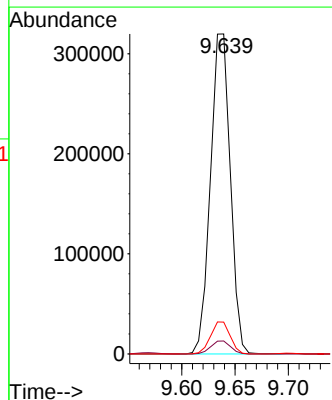
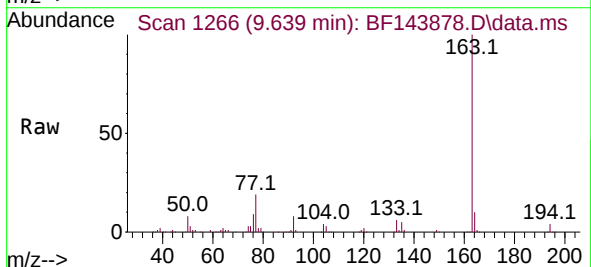
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

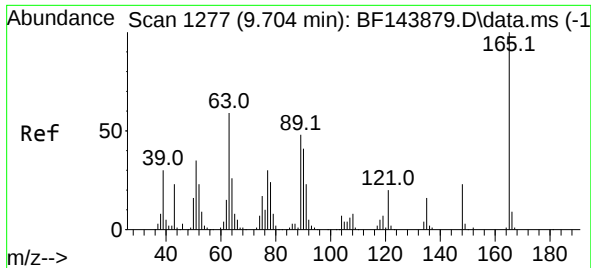
Tgt Ion:152 Resp: 512980
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.3 10.5 15.7



#50
Dimethylphthalate
Concen: 21.011 ng
RT: 9.639 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:163 Resp: 415359
Ion Ratio Lower Upper
163 100
194 4.0 3.3 4.9
164 9.9 8.1 12.1

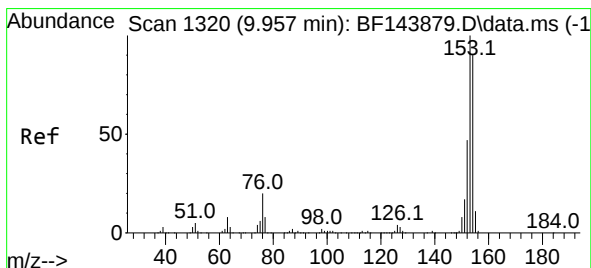
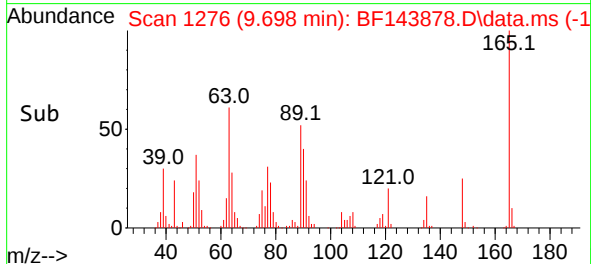
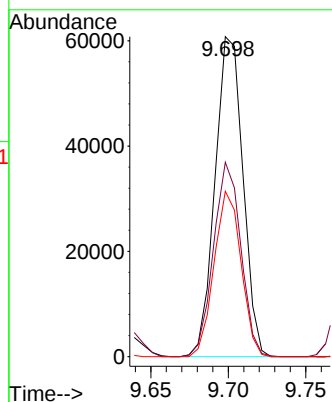
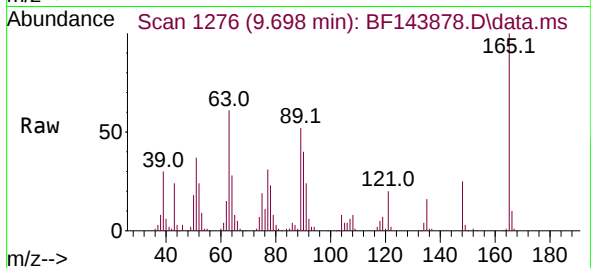




#51
2,6-Dinitrotoluene
Concen: 20.831 ng
RT: 9.698 min Scan# 1276
Delta R.T. -0.018 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

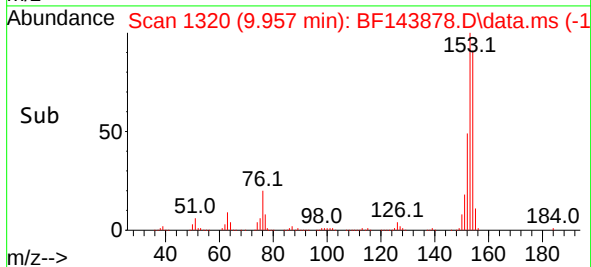
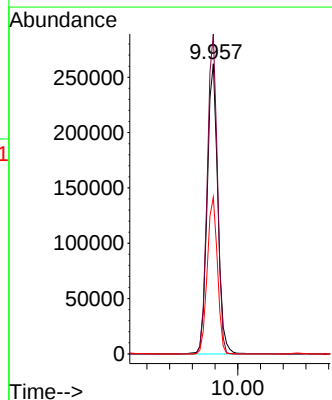
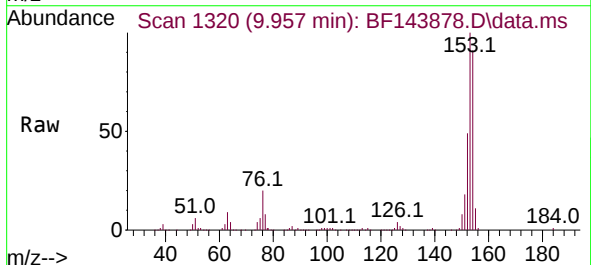
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

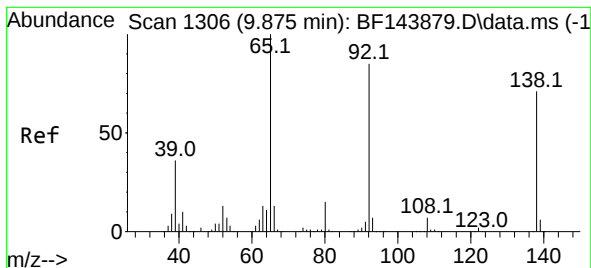
Tgt Ion:165 Resp: 76360
Ion Ratio Lower Upper
165 100
63 60.7 47.3 70.9
89 51.7 38.2 57.4



#52
Acenaphthene
Concen: 21.545 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:154 Resp: 341066
Ion Ratio Lower Upper
154 100
153 110.3 89.3 133.9
152 54.0 42.2 63.2





#53

3-Nitroaniline

Concen: 21.194 ng

RT: 9.869 min Scan# 1305

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

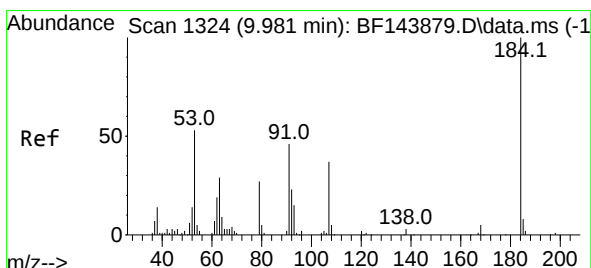
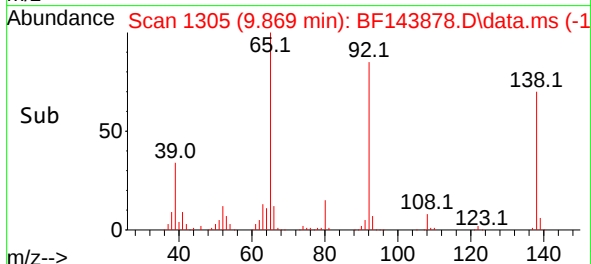
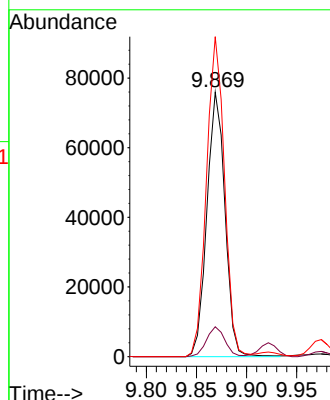
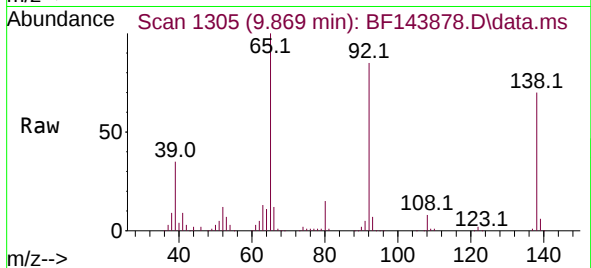
Tgt Ion:138 Resp: 95127

Ion Ratio Lower Upper

138 100

108 11.3 8.3 12.5

92 121.0 96.2 144.2



#54

2,4-Dinitrophenol

Concen: 18.734 ng

RT: 9.975 min Scan# 1323

Delta R.T. -0.011 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

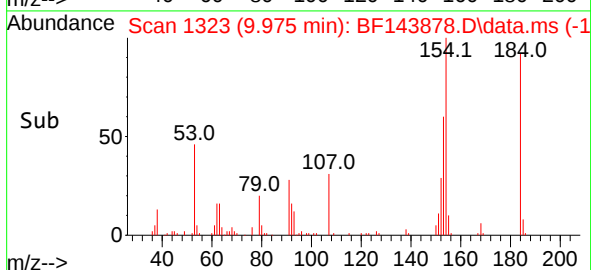
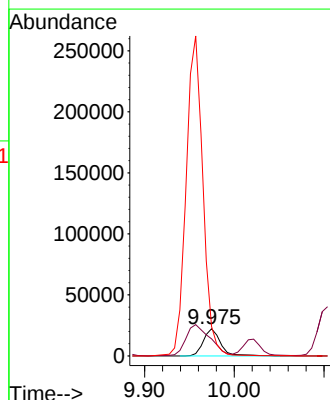
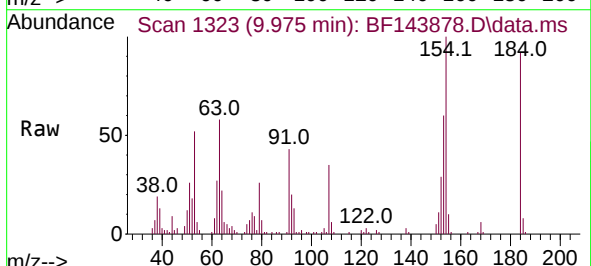
Tgt Ion:184 Resp: 29199

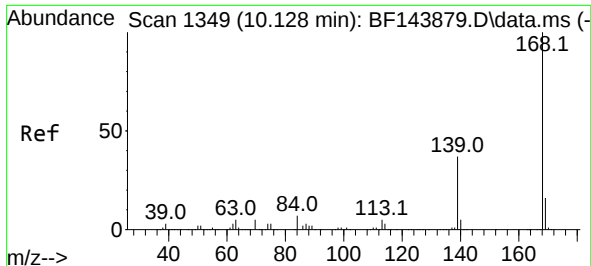
Ion Ratio Lower Upper

184 100

63 63.1 48.2 72.4

154 108.6 49.2 73.8#

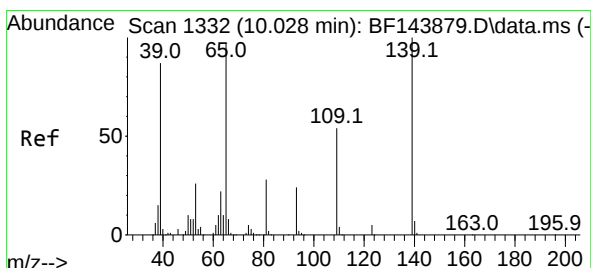
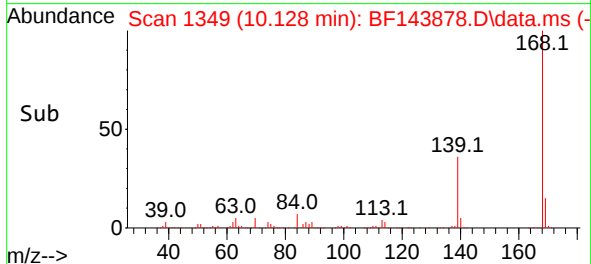
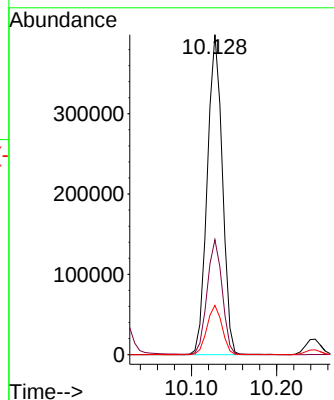
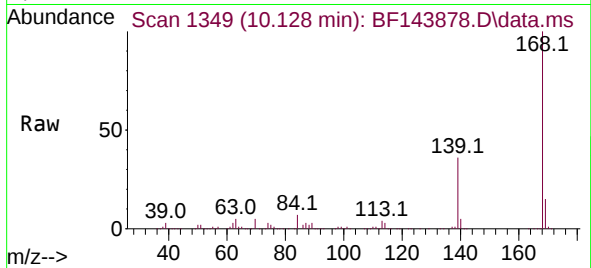




#55
Dibenzofuran
Concen: 21.894 ng
RT: 10.128 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

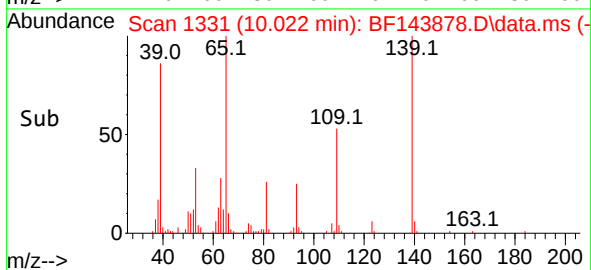
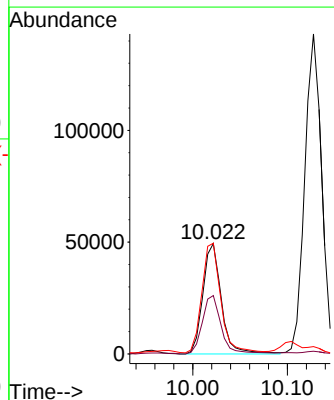
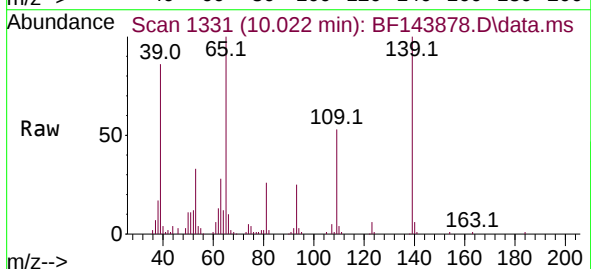
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

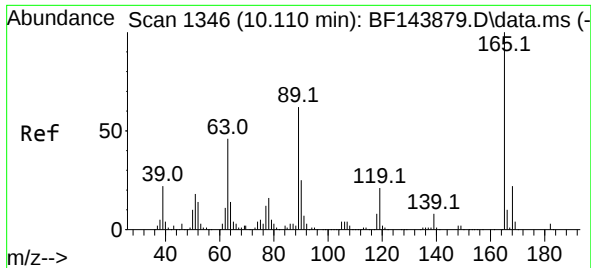
Tgt Ion:168 Resp: 489250
Ion Ratio Lower Upper
168 100
139 35.9 29.8 44.8
169 15.4 12.8 19.2



#56
4-Nitrophenol
Concen: 19.694 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

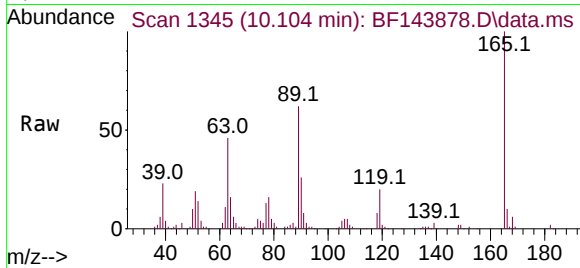
Tgt Ion:139 Resp: 66930
Ion Ratio Lower Upper
139 100
109 52.9 34.5 74.5
65 100.3 77.6 117.6



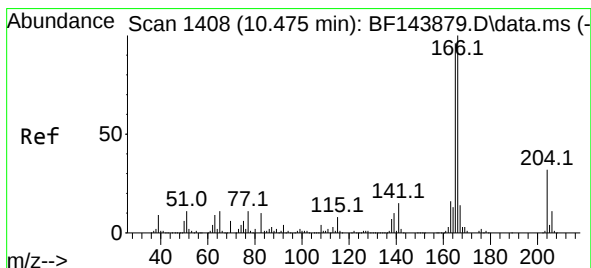
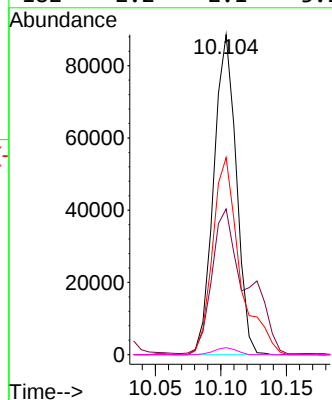
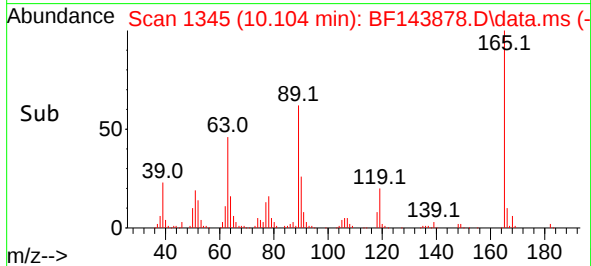


#57
2,4-Dinitrotoluene
Concen: 21.280 ng
RT: 10.104 min Scan# 1345
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

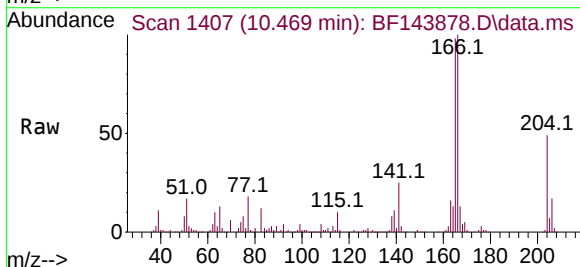
Instrument :
BNA_F
ClientSampleId :
SSTDICC020



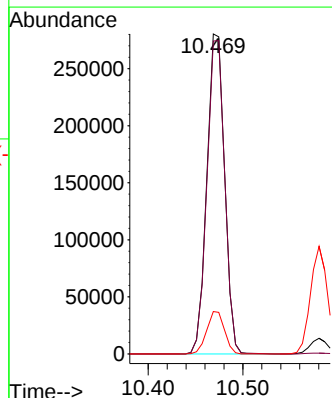
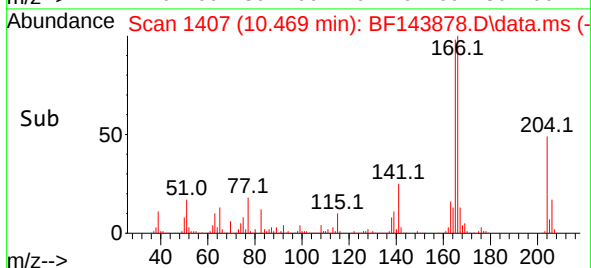
Tgt Ion:165 Resp: 106136
Ion Ratio Lower Upper
165 100
63 45.5 37.2 55.8
89 61.6 49.4 74.2
182 2.2 2.1 3.1

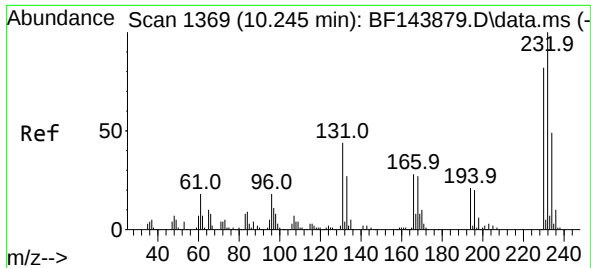


#58
Fluorene
Concen: 21.659 ng
RT: 10.469 min Scan# 1407
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56



Tgt Ion:166 Resp: 365206
Ion Ratio Lower Upper
166 100
165 97.8 77.0 115.6
167 13.2 11.1 16.7

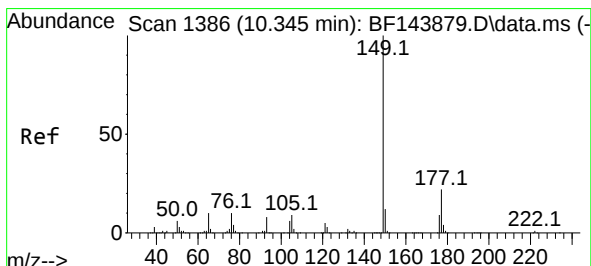
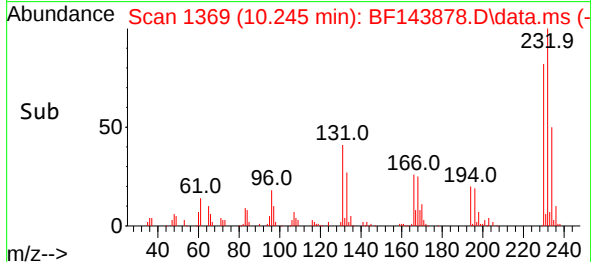
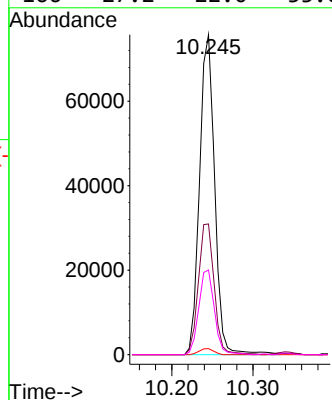
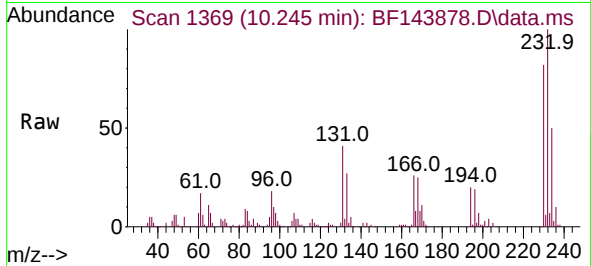




#59
2,3,4,6-Tetrachlorophenol
Concen: 20.869 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

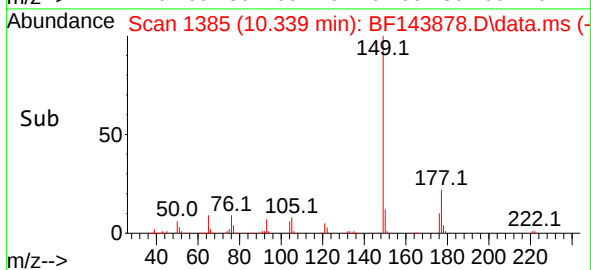
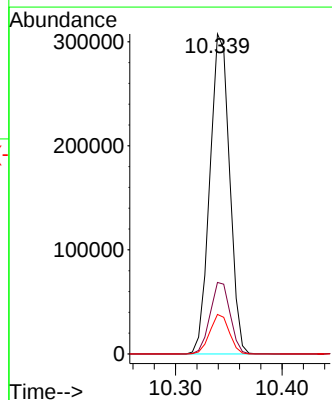
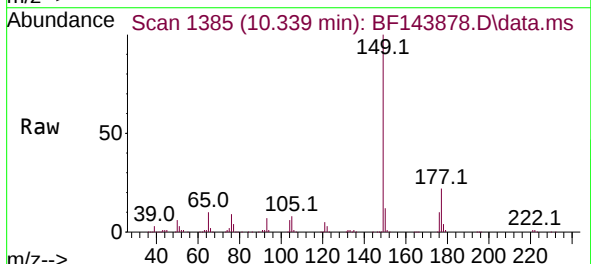
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

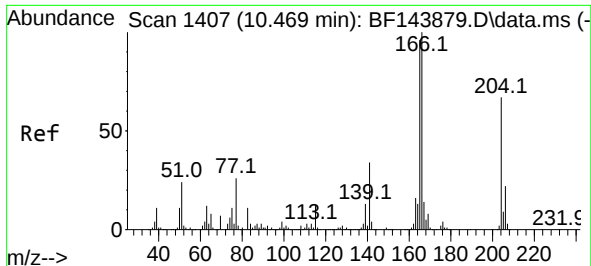
Tgt Ion:232 Resp: 98138
Ion Ratio Lower Upper
232 100
131 42.6 34.9 52.3
130 1.8 1.6 2.4
166 27.2 22.0 33.0



#60
Diethylphthalate
Concen: 21.575 ng
RT: 10.339 min Scan# 1385
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 396233
Ion Ratio Lower Upper
149 100
177 22.3 17.9 26.9
150 12.3 9.8 14.8

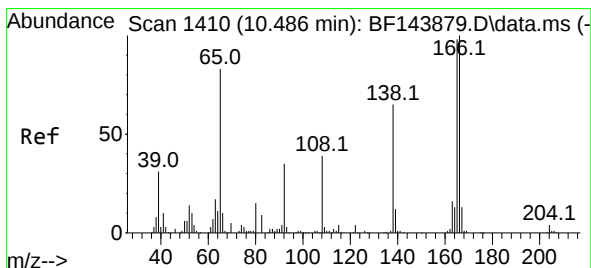
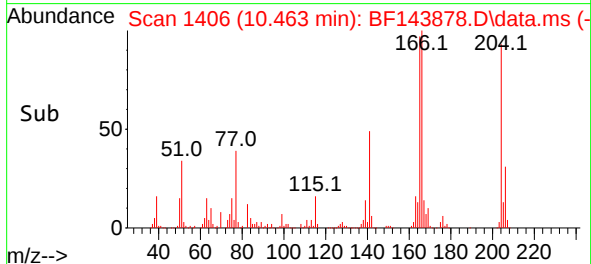
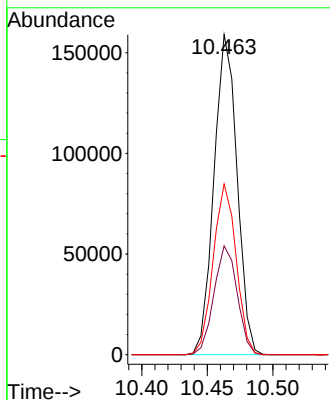
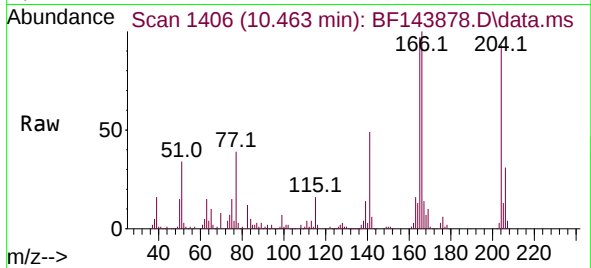




#61
4-Chlorophenyl-phenylether
Concen: 21.860 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

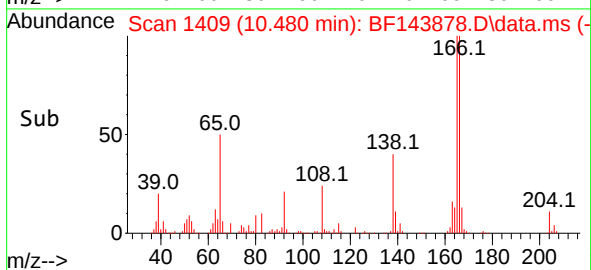
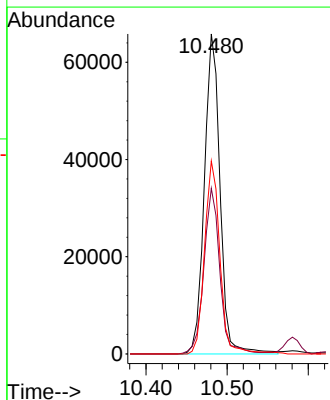
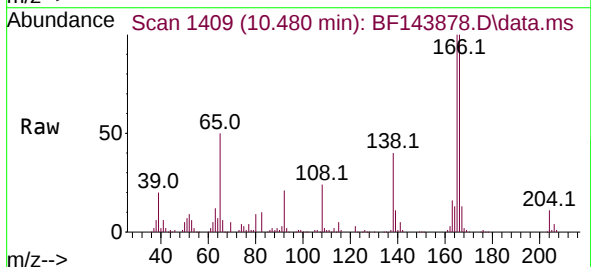
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

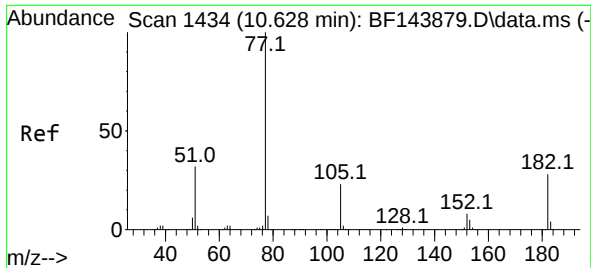
Tgt Ion:204 Resp: 194875
Ion Ratio Lower Upper
204 100
206 34.0 26.6 40.0
141 53.4 40.4 60.6



#62
4-Nitroaniline
Concen: 20.526 ng
RT: 10.480 min Scan# 1409
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:138 Resp: 88594
Ion Ratio Lower Upper
138 100
92 51.7 33.9 73.9
108 60.3 40.2 80.2

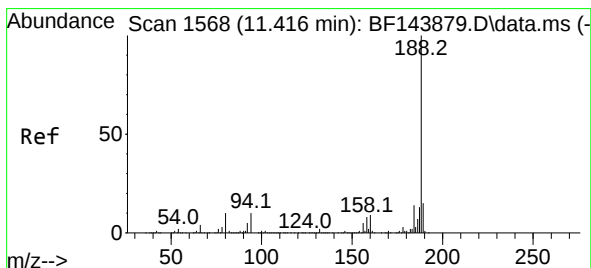
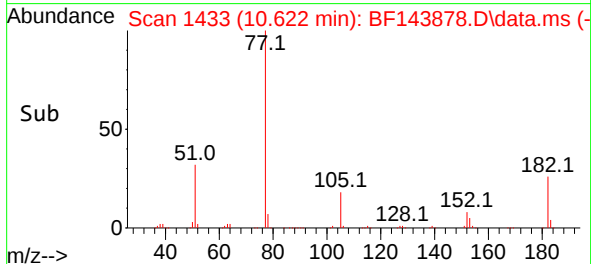
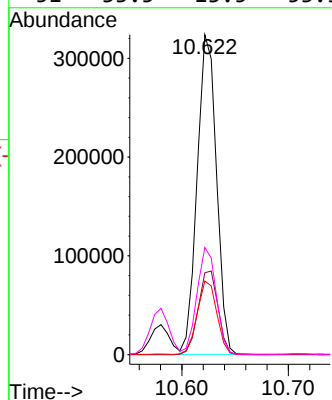
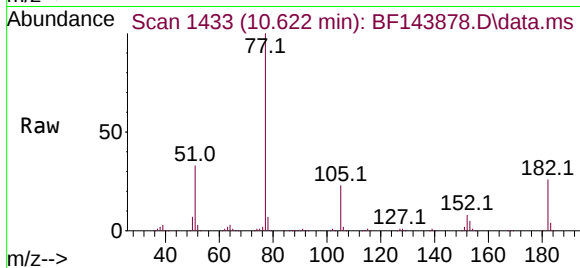




#63
Azobenzene
Concen: 21.218 ng
RT: 10.622 min Scan# 1433
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

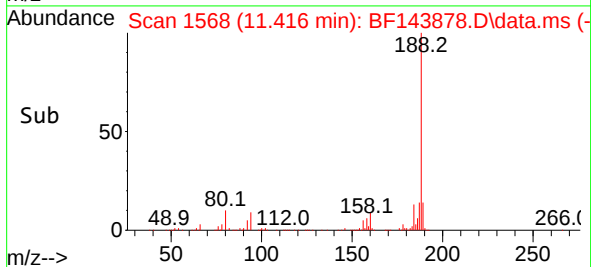
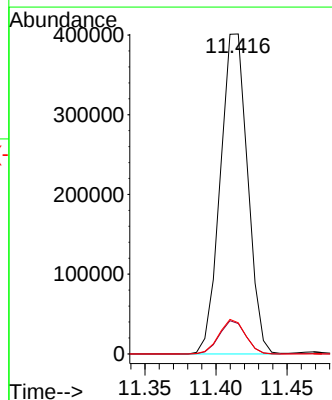
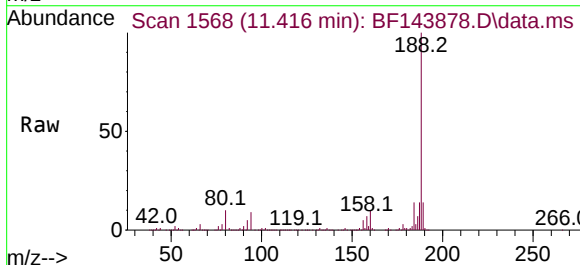
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

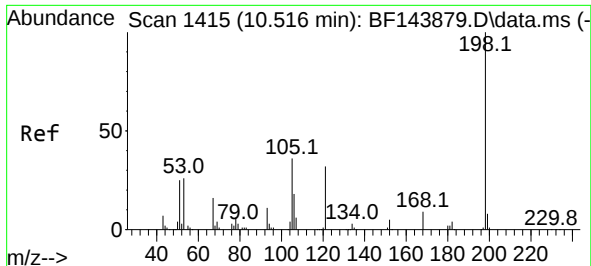
Tgt Ion: 77	Resp: 407261
Ion Ratio	Lower Upper
77 100	
182 25.6	7.3 47.3
105 23.0	3.0 43.0
51 33.5	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:188	Resp: 536961
Ion Ratio	Lower Upper
188 100	
94 9.5	7.8 11.6
80 9.7	7.9 11.9

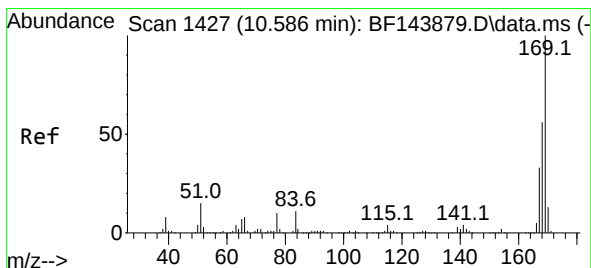
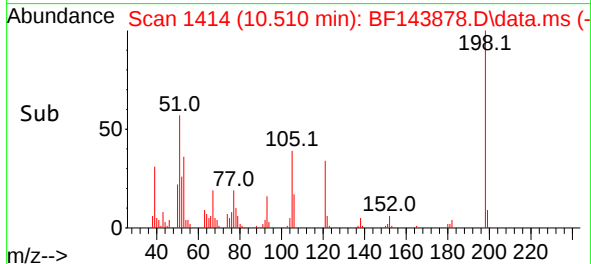
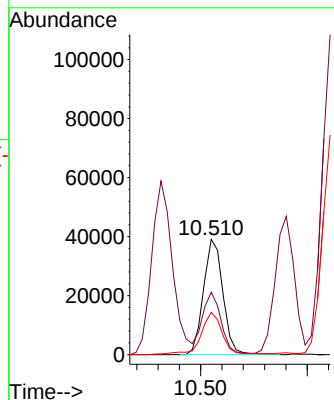
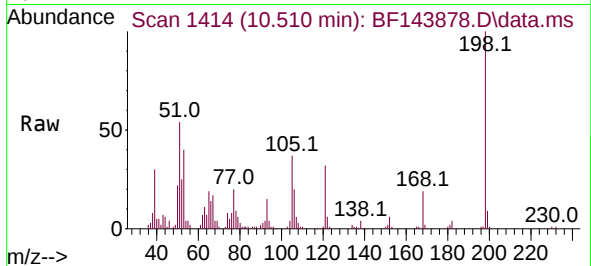




#65
4,6-Dinitro-2-methylphenol
Concen: 18.309 ng
RT: 10.510 min Scan# 1415
Delta R.T. -0.023 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

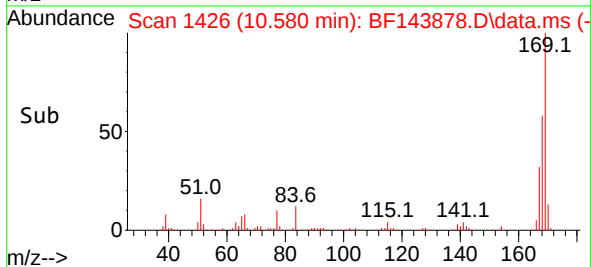
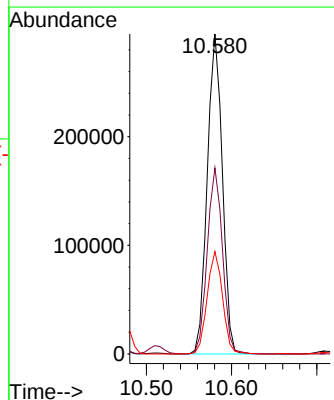
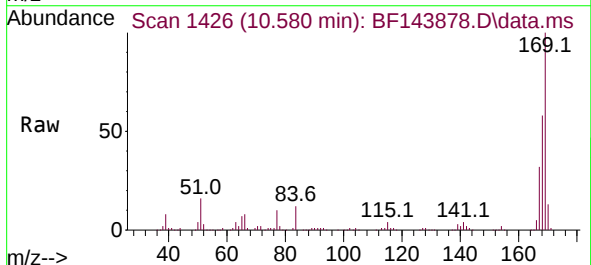
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

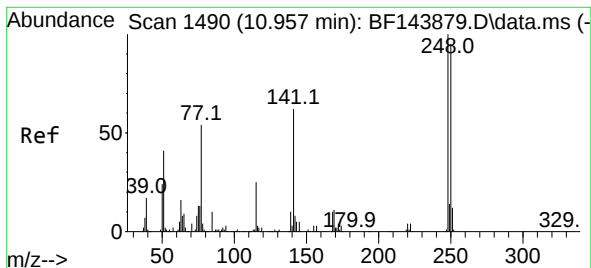
Tgt Ion:198 Resp: 49405
Ion Ratio Lower Upper
198 100
51 54.1 33.8 73.8
105 36.7 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 21.484 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:169 Resp: 362217
Ion Ratio Lower Upper
169 100
168 58.1 44.9 67.3
167 32.0 26.3 39.5

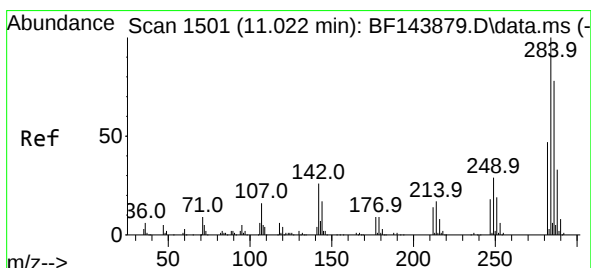
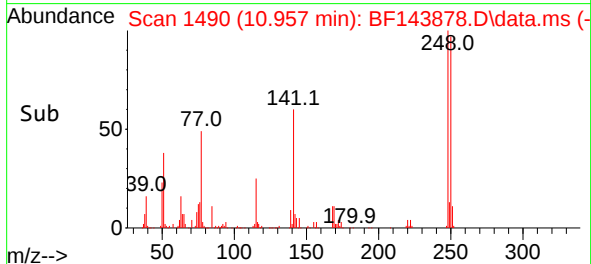
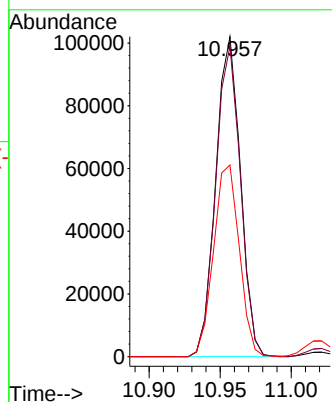
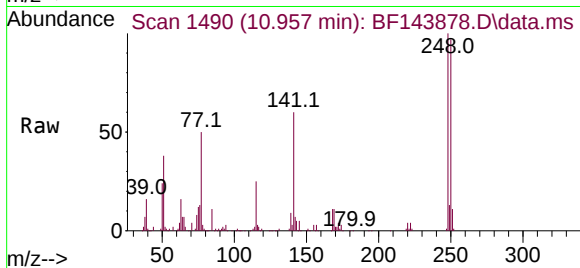




#67
4-Bromophenyl-phenylether
Concen: 20.876 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

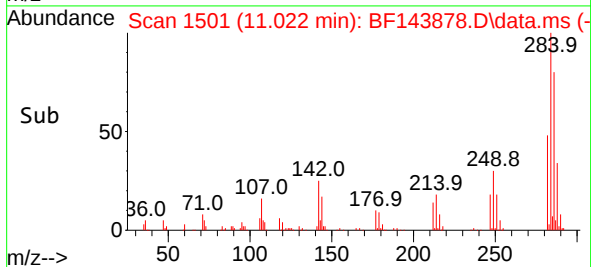
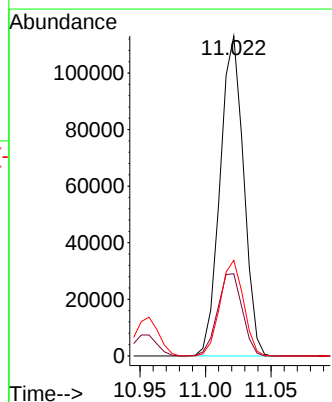
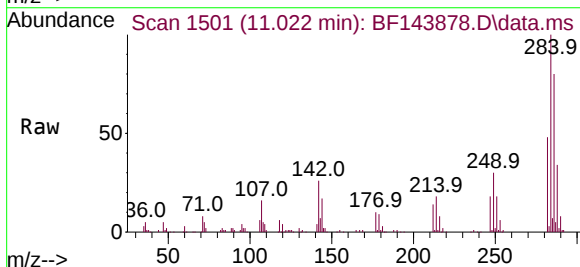
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

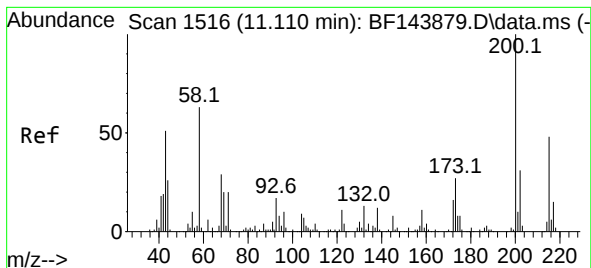
Tgt Ion:248 Resp: 123882
Ion Ratio Lower Upper
248 100
250 97.0 76.3 114.5
141 59.9 49.7 74.5



#68
Hexachlorobenzene
Concen: 20.570 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:284 Resp: 141316
Ion Ratio Lower Upper
284 100
142 25.7 20.6 30.8
249 29.9 23.2 34.8





#69

Atrazine

Concen: 22.405 ng

RT: 11.104 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

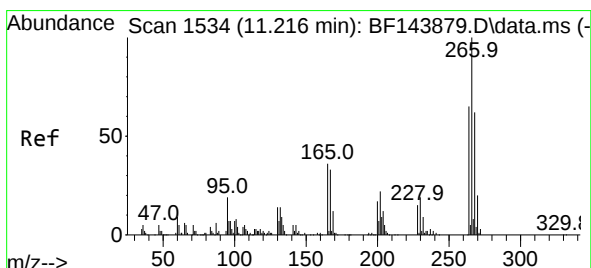
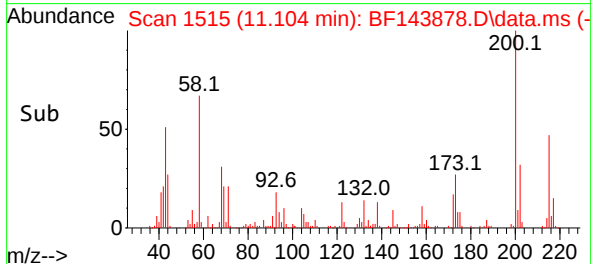
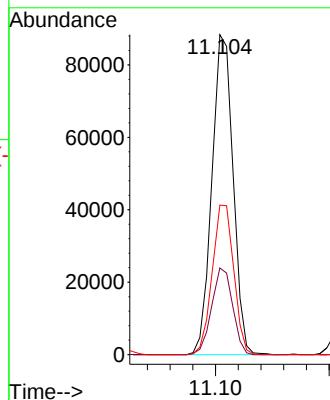
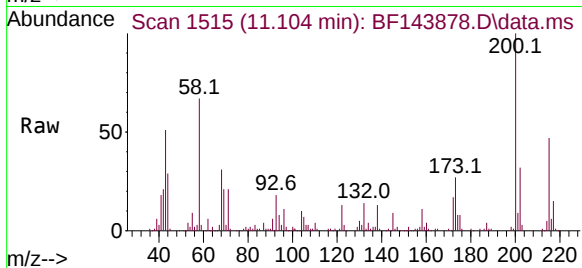
Tgt Ion:200 Resp: 114492

Ion Ratio Lower Upper

200 100

173 27.1 7.0 47.0

215 46.7 27.8 67.8



#70

Pentachlorophenol

Concen: 20.687 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

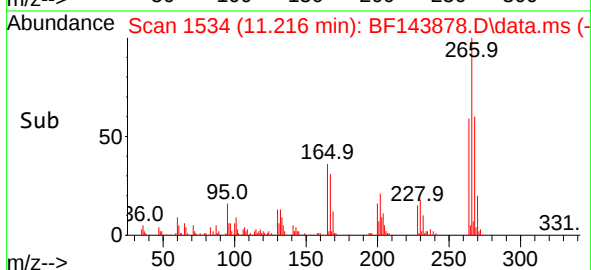
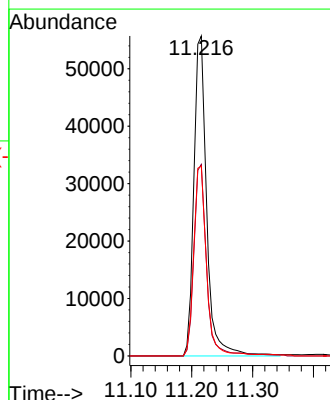
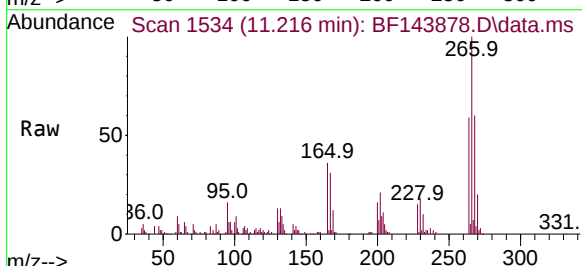
Tgt Ion:266 Resp: 81624

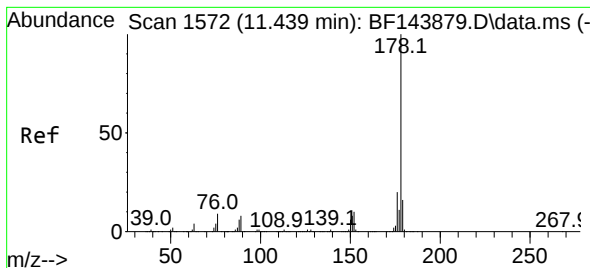
Ion Ratio Lower Upper

266 100

268 59.8 49.4 74.0

264 59.4 51.8 77.6





#71

Phenanthrene

Concen: 21.979 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

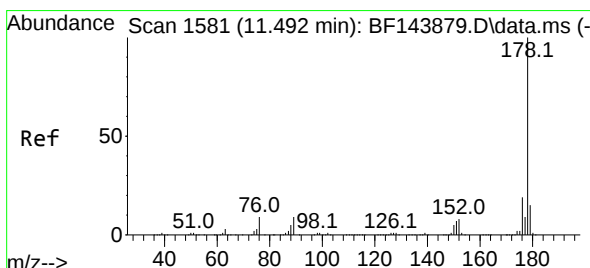
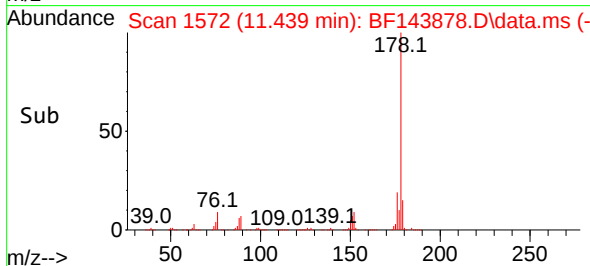
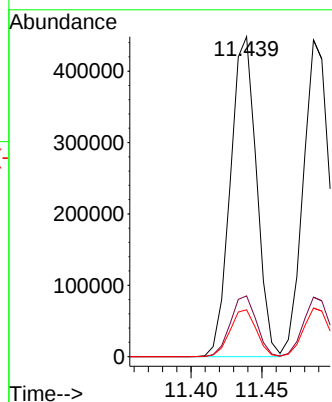
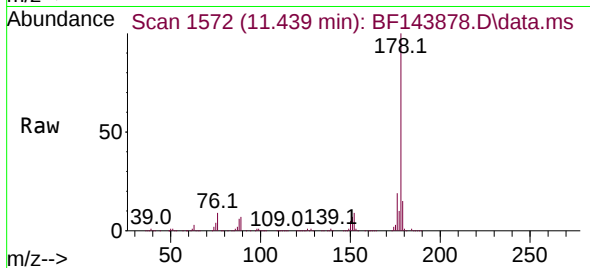
Tgt Ion:178 Resp: 572157

Ion Ratio Lower Upper

178 100

176 19.0 15.9 23.9

179 14.6 12.4 18.6



#72

Anthracene

Concen: 21.588 ng

RT: 11.486 min Scan# 1580

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

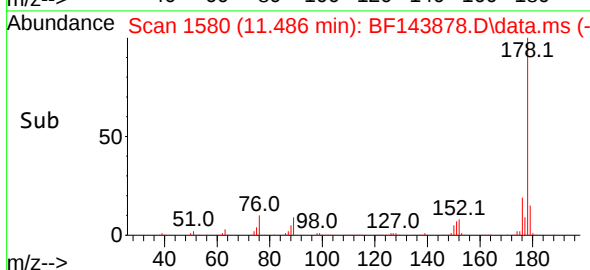
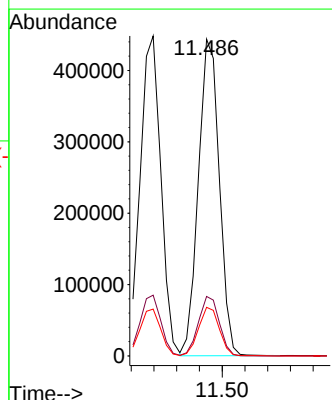
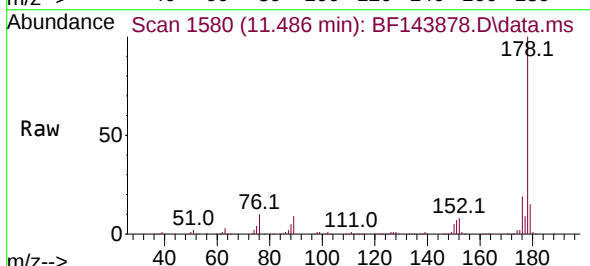
Tgt Ion:178 Resp: 567724

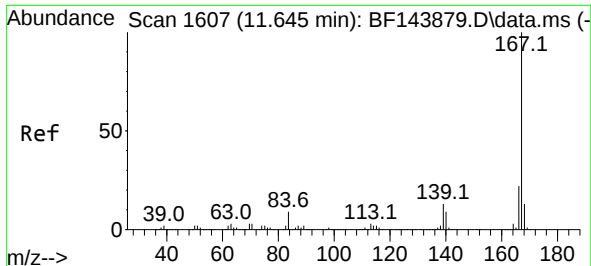
Ion Ratio Lower Upper

178 100

176 18.8 14.9 22.3

179 15.3 12.2 18.2

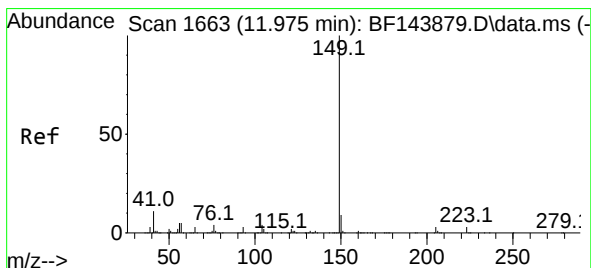
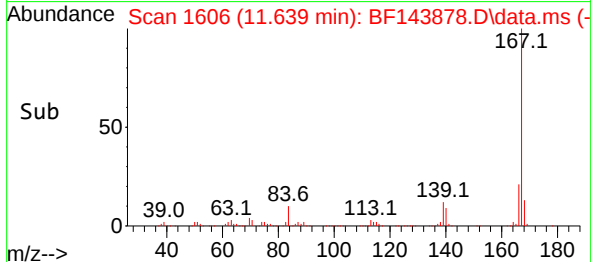
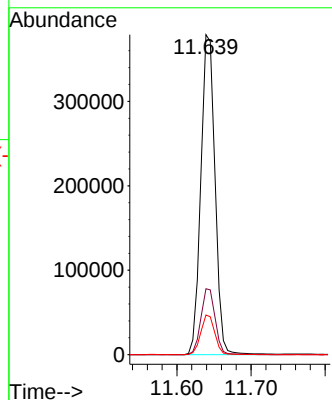
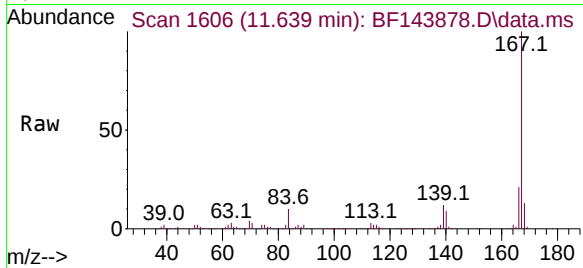




#73
Carbazole
Concen: 21.651 ng
RT: 11.639 min Scan# 1606
Delta R.T. -0.012 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

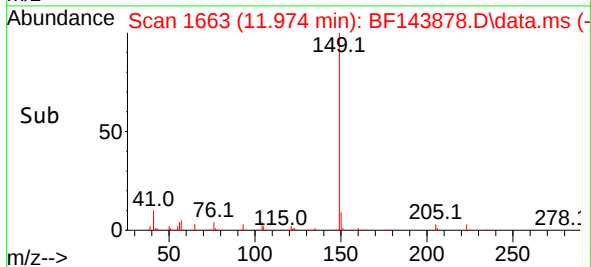
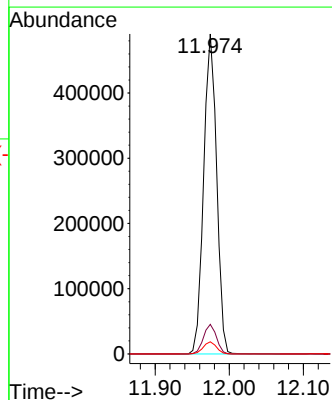
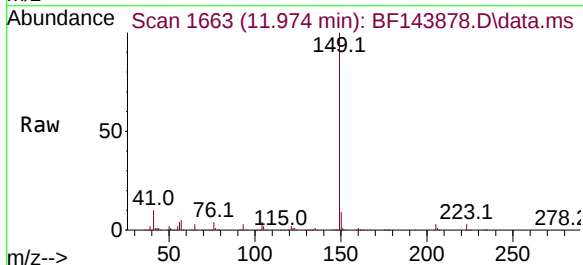
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

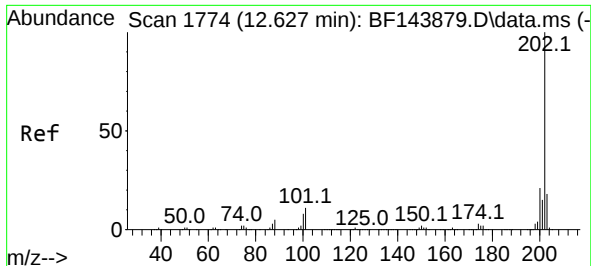
Tgt Ion:167 Resp: 504282
Ion Ratio Lower Upper
167 100
166 20.6 17.2 25.8
139 12.4 10.1 15.1



#74
Di-n-butylphthalate
Concen: 22.047 ng
RT: 11.974 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 595140
Ion Ratio Lower Upper
149 100
150 9.3 7.4 11.2
104 3.8 3.4 5.2

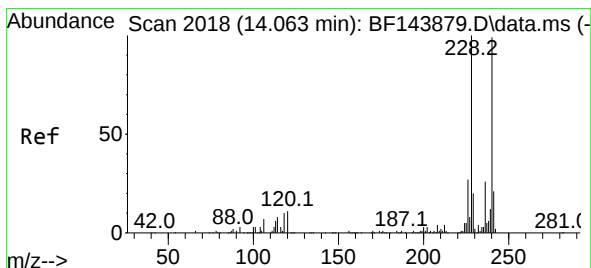
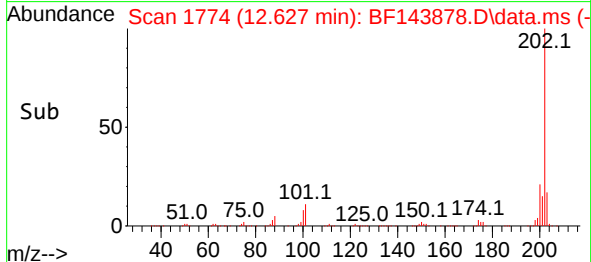
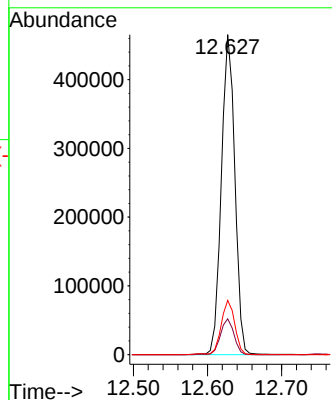
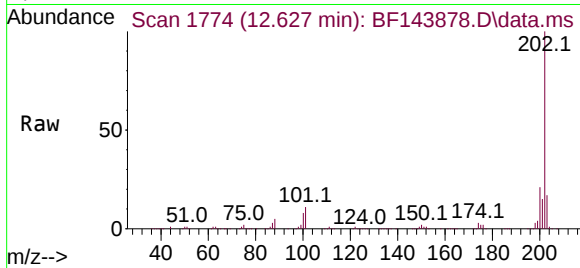




#75
Fluoranthene
Concen: 21.843 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

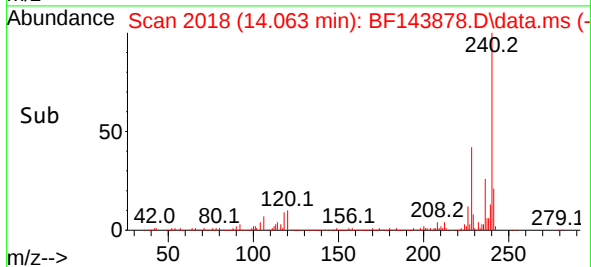
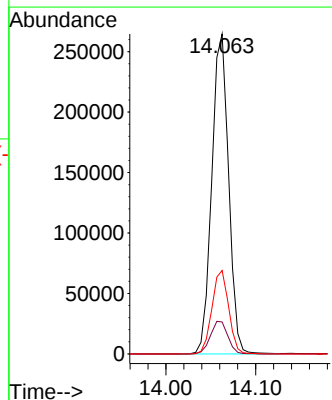
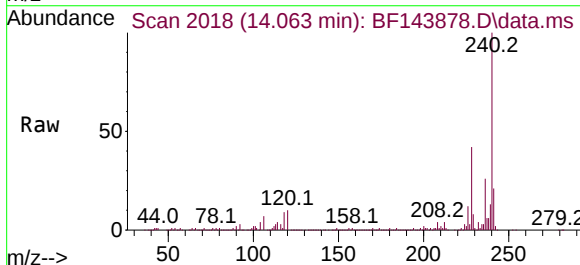
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

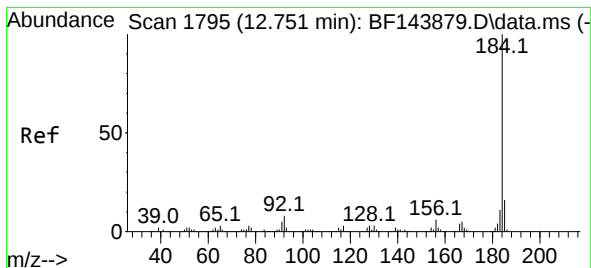
Tgt Ion:202 Resp: 587348
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.7
203 16.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:240 Resp: 346764
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 26.1 21.1 31.7





#77

Benzidine

Concen: 20.710 ng

RT: 12.751 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

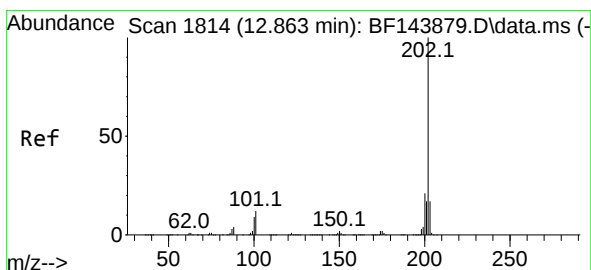
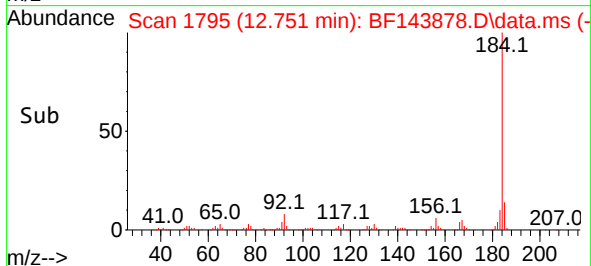
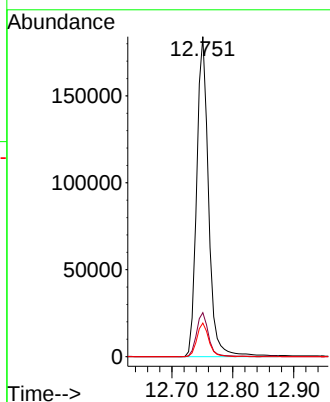
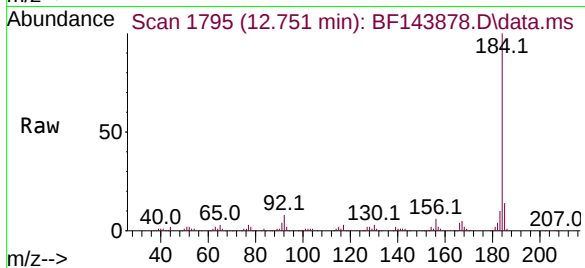
Tgt Ion:184 Resp: 249358

Ion Ratio Lower Upper

184 100

185 13.7 12.6 18.8

183 10.5 8.8 13.2



#78

Pyrene

Concen: 21.215 ng

RT: 12.857 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

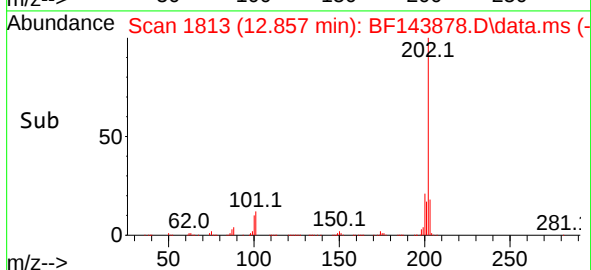
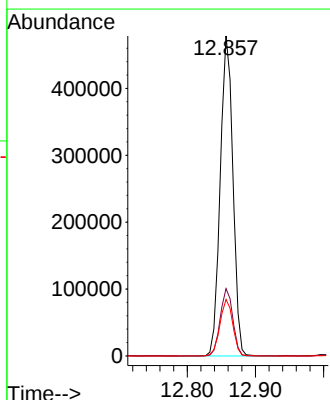
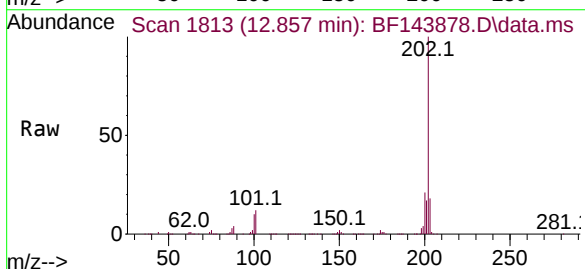
Tgt Ion:202 Resp: 613300

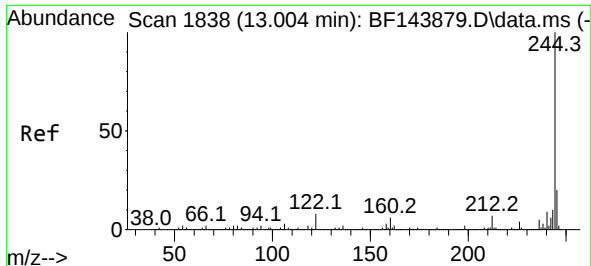
Ion Ratio Lower Upper

202 100

200 21.0 17.0 25.6

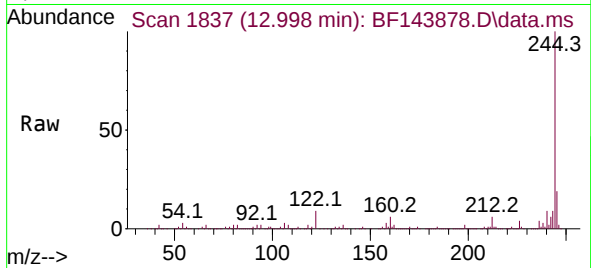
203 17.6 13.8 20.6



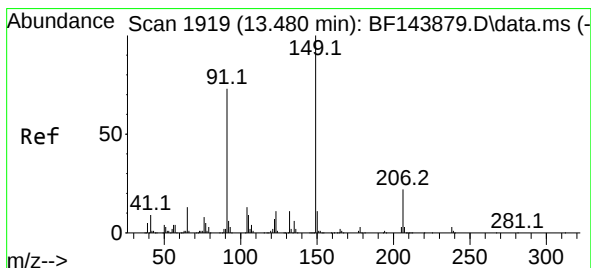
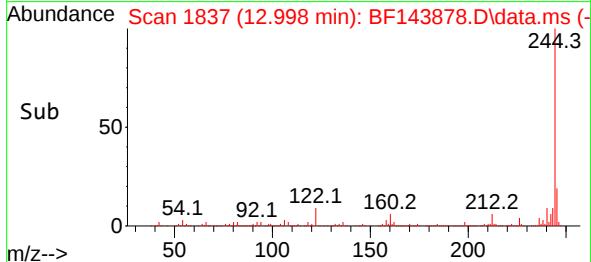
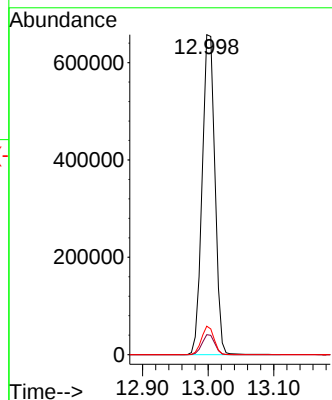


#79
 Terphenyl-d14
 Concen: 43.445 ng
 RT: 12.998 min Scan# 1837
 Delta R.T. -0.012 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC020

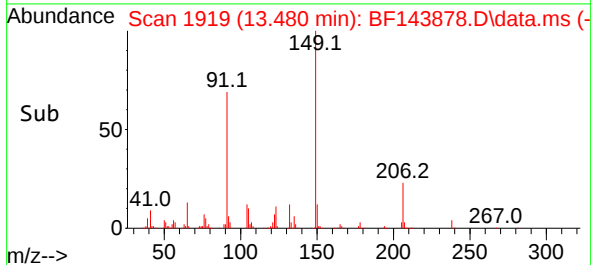
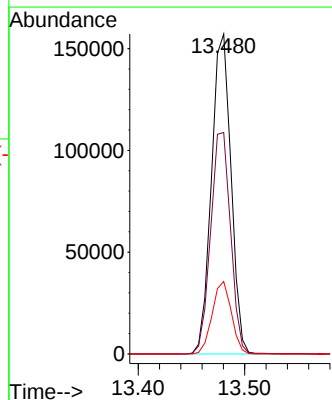
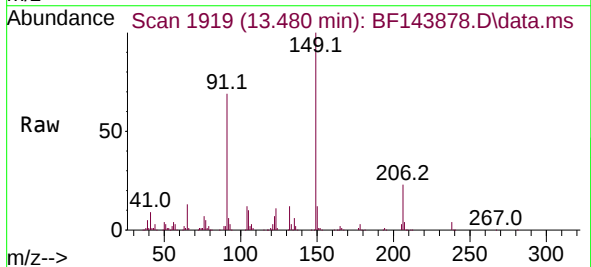


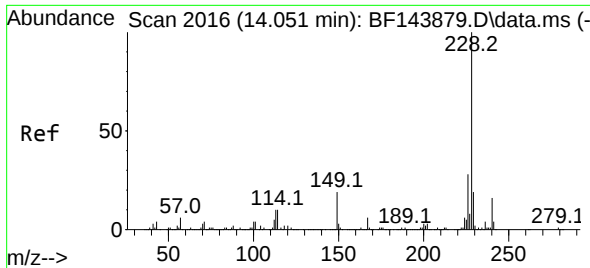
Tgt Ion:244 Resp: 881486
 Ion Ratio Lower Upper
 244 100
 212 6.2 5.4 8.0
 122 8.9 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 21.391 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143878.D
 Acq: 06 Oct 2025 11:56

Tgt Ion:149 Resp: 200832
 Ion Ratio Lower Upper
 149 100
 91 69.2 58.2 87.2
 206 22.6 17.9 26.9

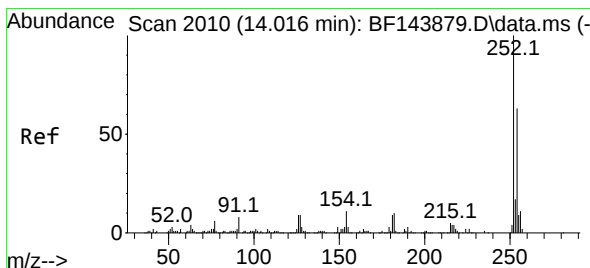
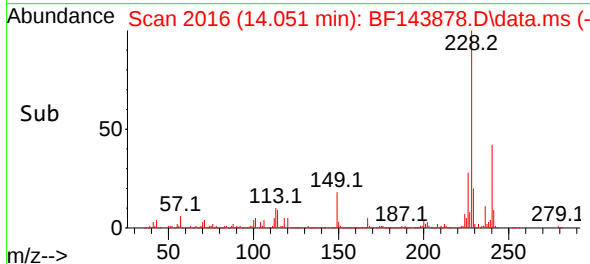
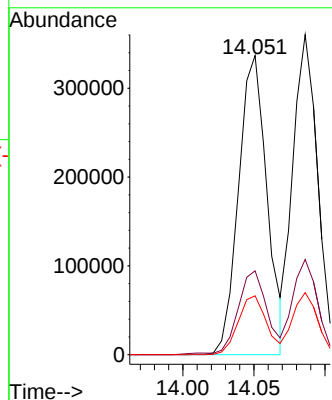
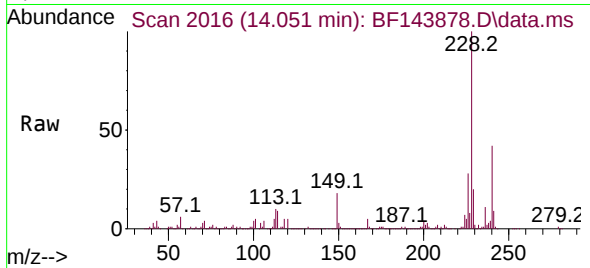




#81
Benzo(a)anthracene
Concen: 20.693 ng
RT: 14.051 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

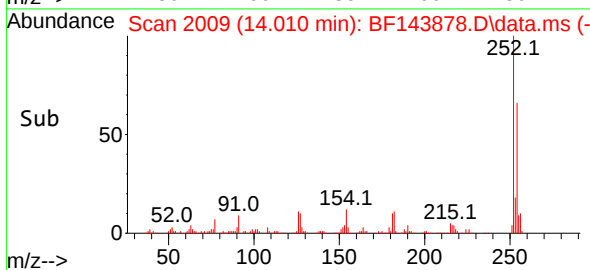
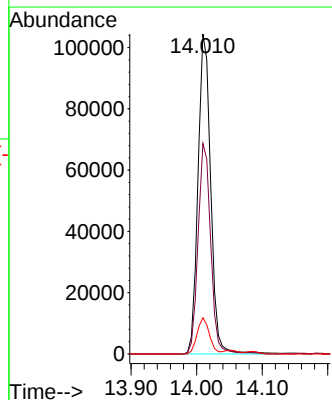
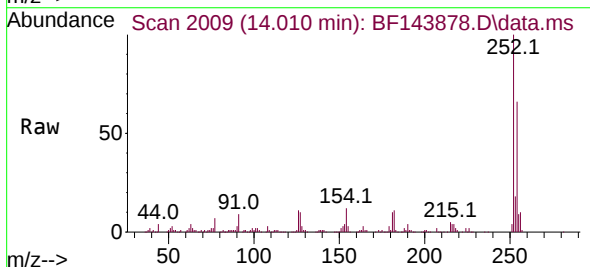
Instrument :
BNA_F
ClientSampleId :
SSTDICC020

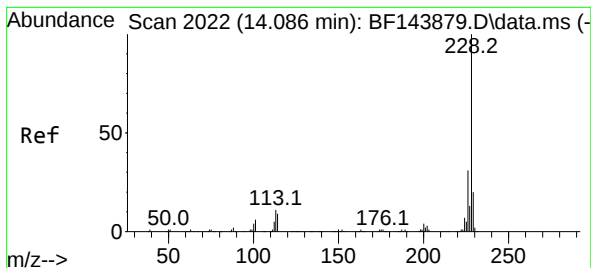
Tgt Ion:228 Resp: 469566
Ion Ratio Lower Upper
228 100
226 28.0 22.2 33.2
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 20.219 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:252 Resp: 139822
Ion Ratio Lower Upper
252 100
254 65.7 50.6 76.0
126 11.3 7.0 10.6#





#83

Chrysene

Concen: 20.920 ng

RT: 14.086 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

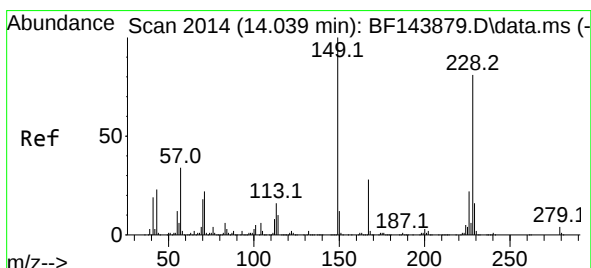
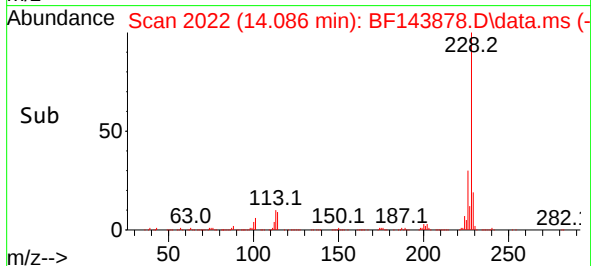
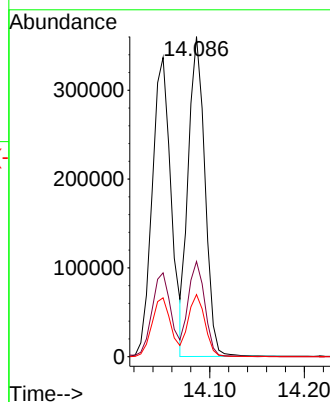
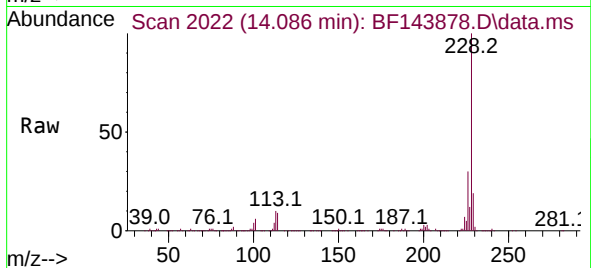
Tgt Ion:228 Resp: 439378

Ion Ratio Lower Upper

228 100

226 29.7 24.4 36.6

229 19.4 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 21.041 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

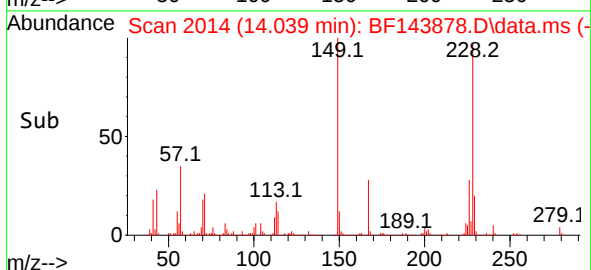
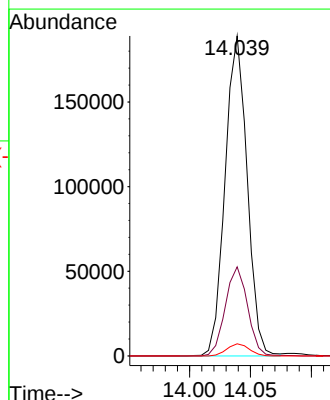
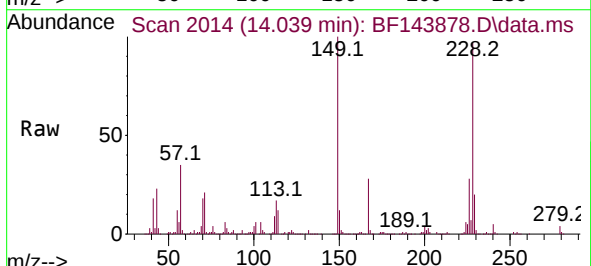
Tgt Ion:149 Resp: 238132

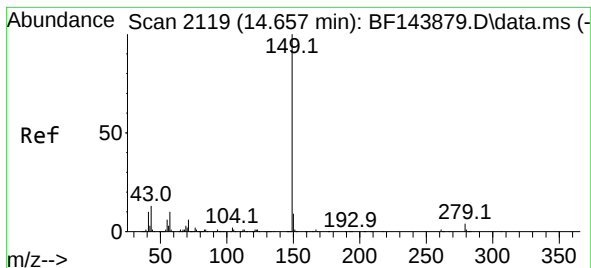
Ion Ratio Lower Upper

149 100

167 27.8 22.2 33.4

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 18.814 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

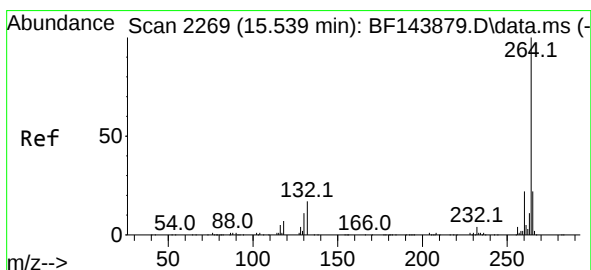
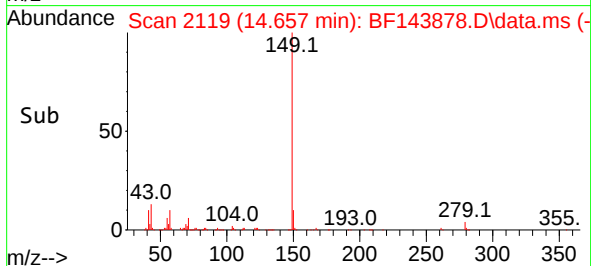
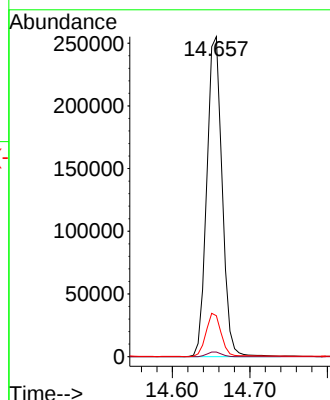
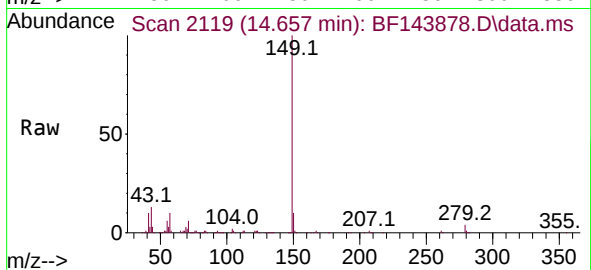
Tgt Ion:149 Resp: 349721

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.8 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

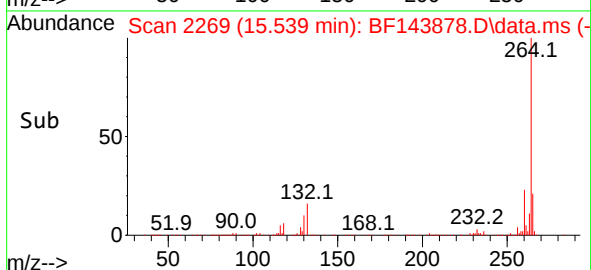
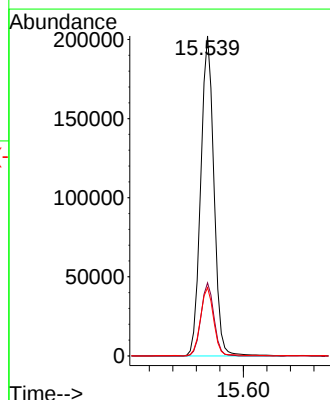
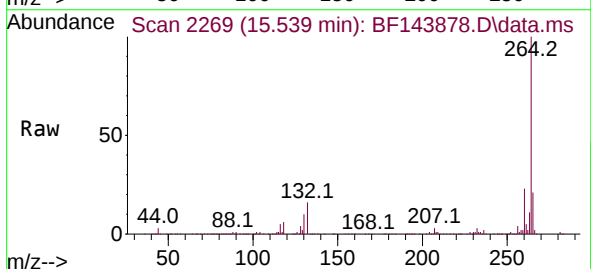
Tgt Ion:264 Resp: 314616

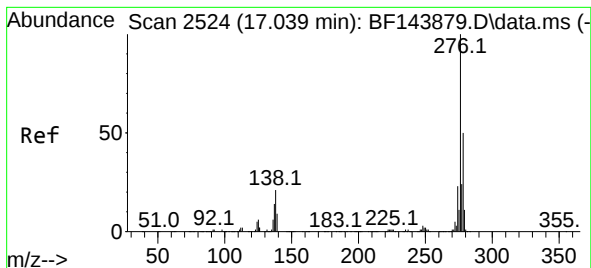
Ion Ratio Lower Upper

264 100

260 22.8 17.8 26.8

265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 19.942 ng

RT: 17.027 min Scan# 21

Delta R.T. -0.029 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

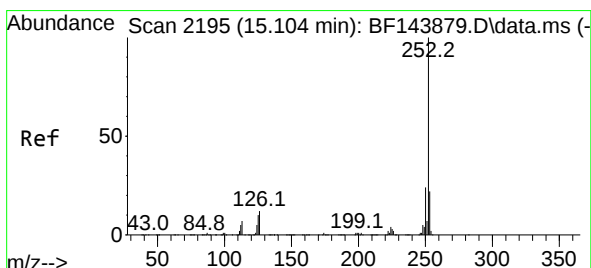
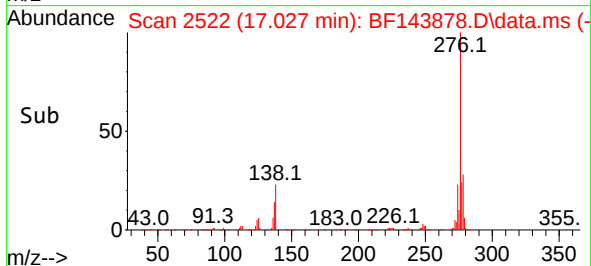
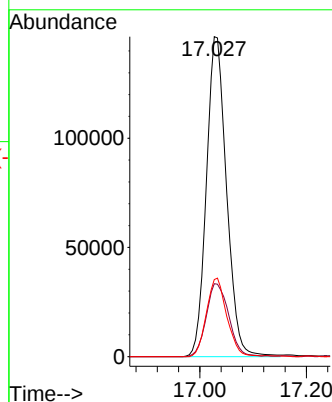
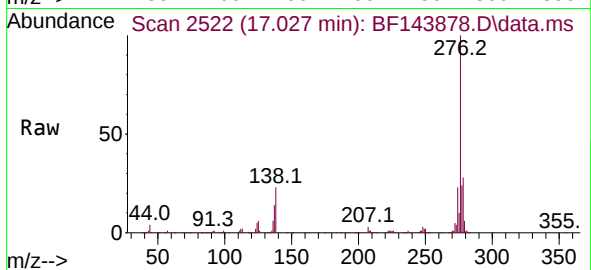
Tgt Ion:276 Resp: 384441

Ion Ratio Lower Upper

276 100

138 25.5 18.2 27.2

277 25.0 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 19.692 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

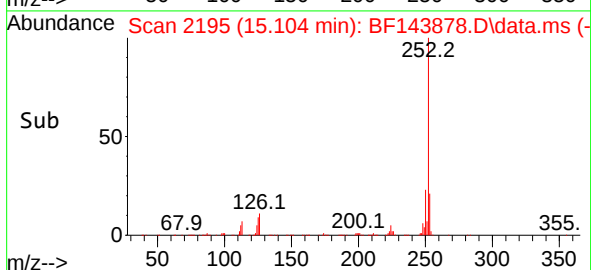
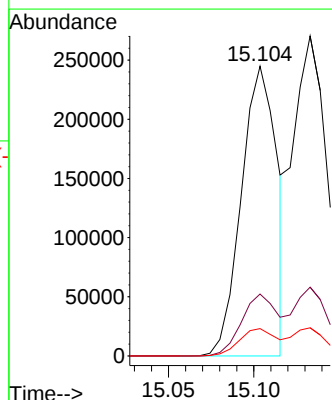
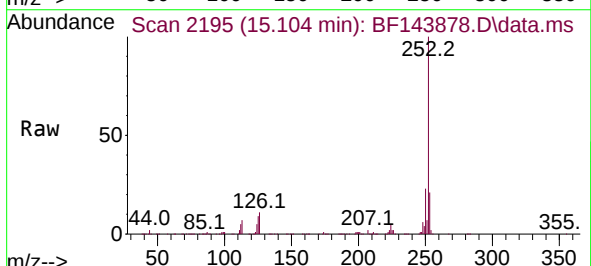
Tgt Ion:252 Resp: 355882

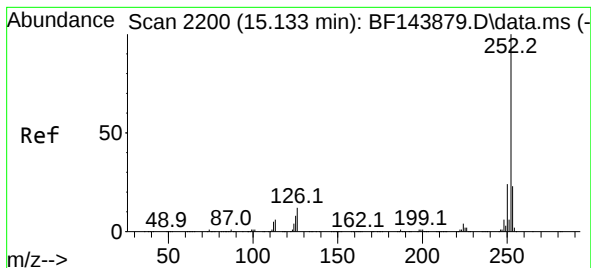
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 9.4 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 23.106 ng

RT: 15.133 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

Instrument :

BNA_F

ClientSampleId :

SSTDICC020

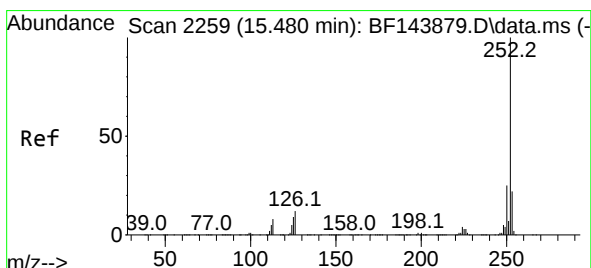
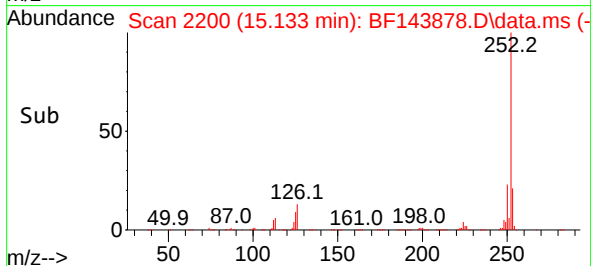
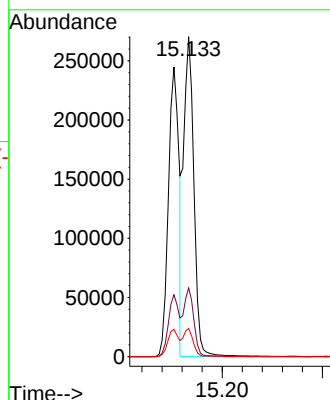
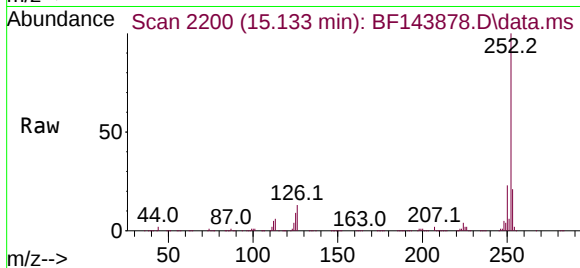
Tgt Ion:252 Resp: 386399

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 8.8 7.4 11.2



#90

Benzo(a)pyrene

Concen: 20.822 ng

RT: 15.474 min Scan# 2258

Delta R.T. -0.012 min

Lab File: BF143878.D

Acq: 06 Oct 2025 11:56

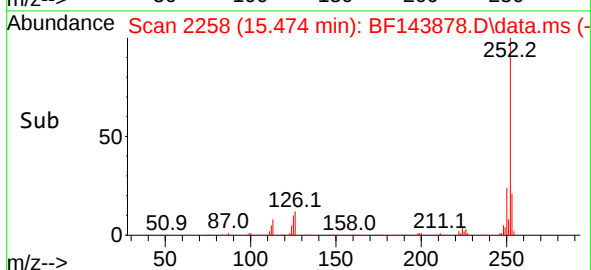
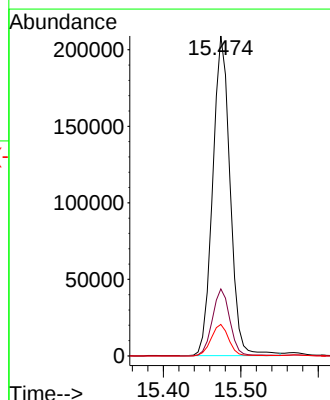
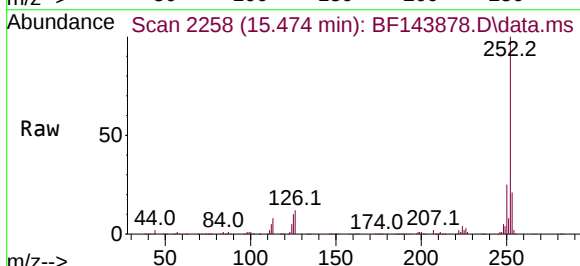
Tgt Ion:252 Resp: 326291

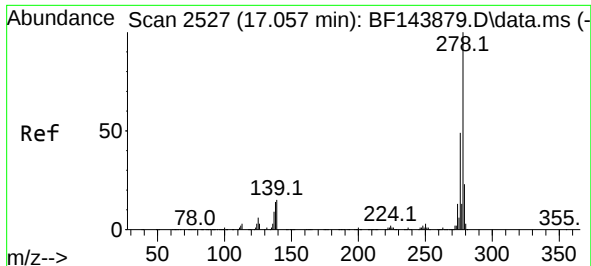
Ion Ratio Lower Upper

252 100

253 20.9 17.3 25.9

125 9.8 7.0 10.4

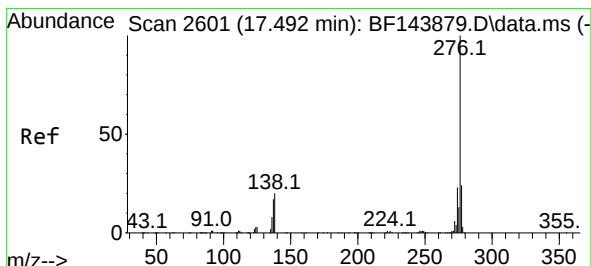
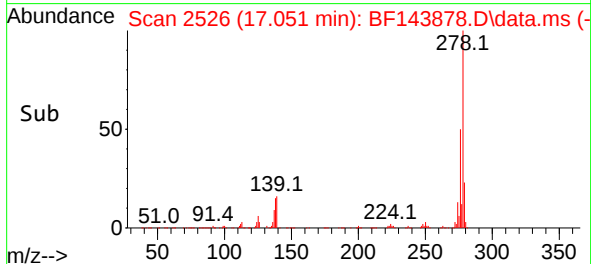
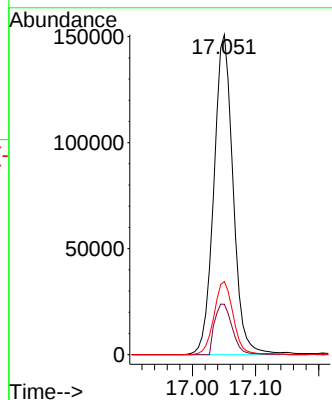
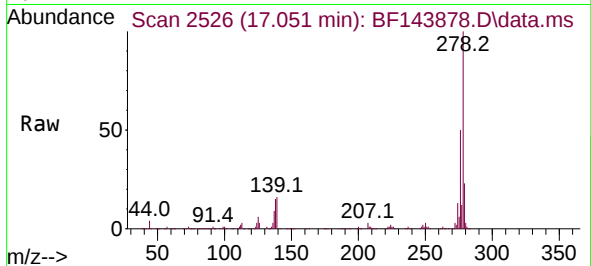




#91
Dibenzo(a,h)anthracene
Concen: 20.589 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Tgt Ion:278 Resp: 319216
Ion Ratio Lower Upper
278 100
139 15.7 11.7 17.5
279 22.8 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 19.937 ng
RT: 17.480 min Scan# 2599
Delta R.T. -0.035 min
Lab File: BF143878.D
Acq: 06 Oct 2025 11:56

Tgt Ion:276 Resp: 309120
Ion Ratio Lower Upper
276 100
277 23.0 19.0 28.6
138 21.5 16.1 24.1

