

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101325\
 Data File : BF143936.D
 Acq On : 13 Oct 2025 17:03
 Operator : RC/JU
 Sample : Q3323-04MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SED-04-0-2MSD

Quant Time: Oct 13 17:39:33 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	102854	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	398815	20.000	ng	0.00
39) Acenaphthene-d10	9.928	164	212407	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	318280	20.000	ng	0.00
76) Chrysene-d12	14.063	240	214097	20.000	ng	0.00
86) Perylene-d12	15.551	264	282828	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	540422	83.437	ng	0.00
7) Phenol-d6	6.510	99	647978	83.932	ng	0.00
23) Nitrobenzene-d5	7.445	82	354728	54.039	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	151046	71.396	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	630189	47.077	ng	-0.01
79) Terphenyl-d14	13.004	244	464819	37.105	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.705	88	151215	50.452	ng	96
3) Pyridine	3.463	79	421165	48.269	ng	98
4) n-Nitrosodimethylamine	3.410	42	238965	52.062	ng	91
6) Aniline	6.545	93	414633	35.841	ng	98
8) 2-Chlorophenol	6.669	128	325846	51.466	ng	99
9) Benzaldehyde	6.434	77	195569	32.838	ng	97
10) Phenol	6.522	94	480851	52.098	ng	98
11) bis(2-Chloroethyl)ether	6.616	93	367429	51.534	ng	99
12) 1,3-Dichlorobenzene	6.822	146	375984	49.611	ng	99
13) 1,4-Dichlorobenzene	6.898	146	381694	51.058	ng	99
14) 1,2-Dichlorobenzene	7.051	146	364379	50.887	ng	99
15) Benzyl Alcohol	7.022	79	309207	53.455	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	864228	53.251	ng	100
17) 2-Methylphenol	7.134	107	270014	51.604	ng	99
18) Hexachloroethane	7.398	117	124887	50.093	ng	94
19) n-Nitroso-di-n-propyla...	7.292	70	249991	47.306	ng	97
20) 3+4-Methylphenols	7.287	107	298254	49.182	ng	# 74
22) Acetophenone	7.292	105	455226	53.984	ng	98
24) Nitrobenzene	7.463	77	385154	52.835	ng	98
25) Isophorone	7.704	82	683614	49.390	ng	99
26) 2-Nitrophenol	7.781	139	184091	58.903	ng	98
27) 2,4-Dimethylphenol	7.816	122	311340	55.378	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	438565	50.160	ng	99
29) 2,4-Dichlorophenol	8.022	162	289467	49.429	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	301586	52.364	ng	98
31) Naphthalene	8.187	128	895629	49.368	ng	99
32) Benzoic acid	7.934	122	217053	55.784	ng	98
33) 4-Chloroaniline	8.234	127	150904	22.178	ng	99
34) Hexachlorobutadiene	8.304	225	194305	48.550	ng	98
35) Caprolactam	8.604	113	92548	49.703	ng	92
36) 4-Chloro-3-methylphenol	8.716	107	272863	48.507	ng	99
37) 2-Methylnaphthalene	8.881	142	534321	44.215	ng	100
38) 1-Methylnaphthalene	8.981	142	538142	45.909	ng	97
40) 1,2,4,5-Tetrachloroben...	9.045	216	314433	53.560	ng	99
41) Hexachlorocyclopentadiene	9.034	237	270425	111.035	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	208562	48.622	ng	96

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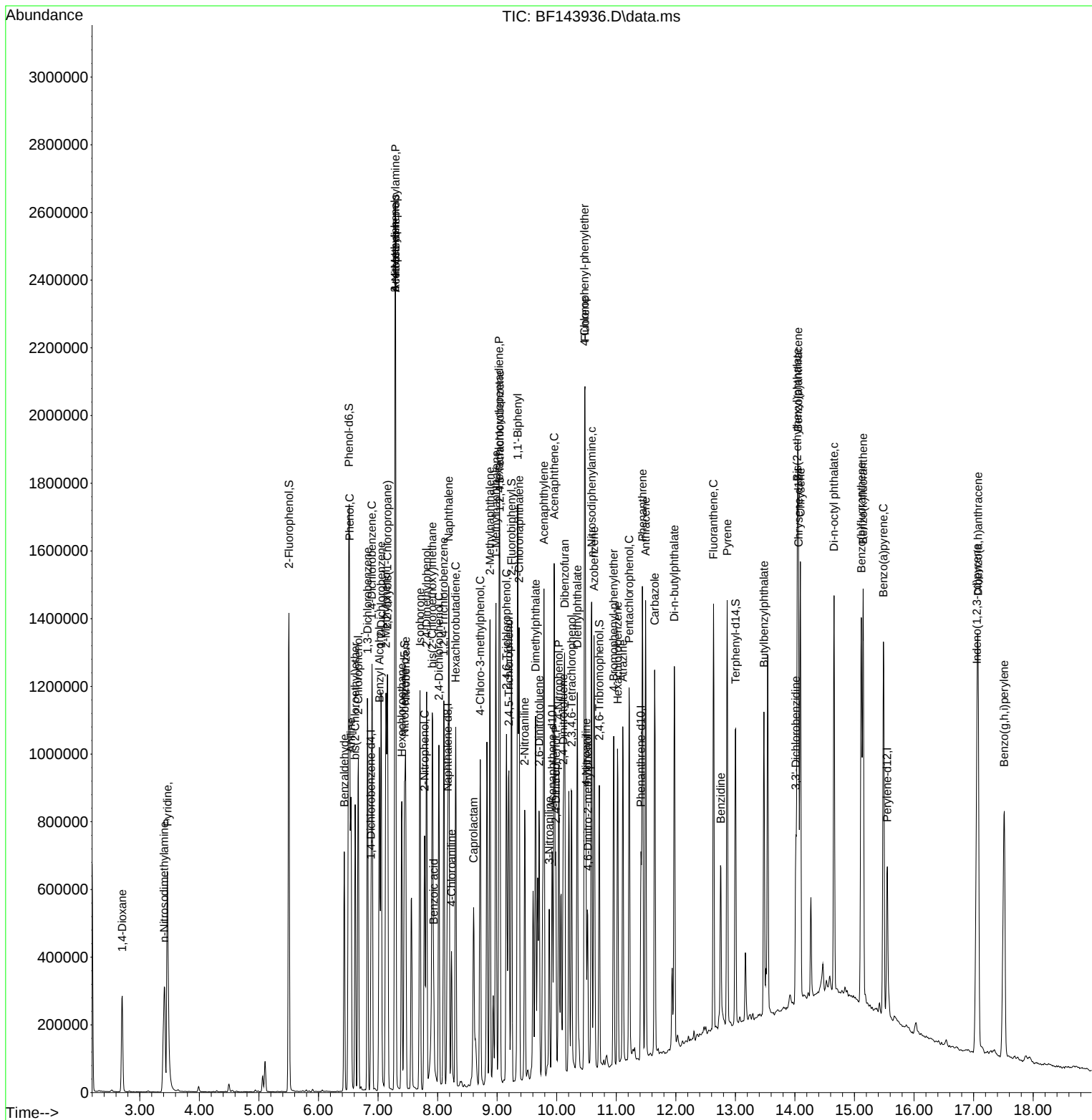
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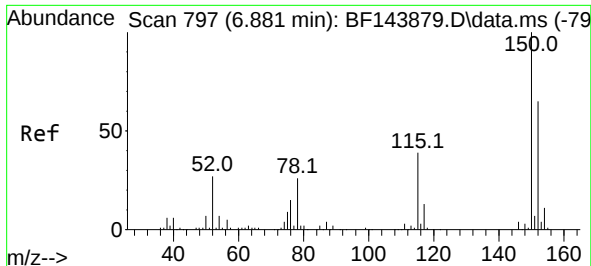
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 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	219992	48.532	ng	99
46) 1,1'-Biphenyl	9.345	154	750965	53.399	ng	99
47) 2-Chloronaphthalene	9.369	162	573659	48.925	ng	97
48) 2-Nitroaniline	9.463	65	198418	53.525	ng	98
49) Acenaphthylene	9.786	152	891449	54.079	ng	100
50) Dimethylphthalate	9.645	163	646285	47.913	ng	100
51) 2,6-Dinitrotoluene	9.704	165	145229	58.063	ng	99
52) Acenaphthene	9.957	154	544027	50.366	ng	100
53) 3-Nitroaniline	9.875	138	103379	33.755	ng	100
54) 2,4-Dinitrophenol	9.986	184	129241	83.441	ng	92
55) Dibenzofuran	10.133	168	717104	47.031	ng	98
56) 4-Nitrophenol	10.033	139	213285	91.976	ng	94
57) 2,4-Dinitrotoluene	10.110	165	185908	54.627	ng	98
58) Fluorene	10.475	166	532091	46.248	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.251	232	154193	48.054	ng	98
60) Diethylphthalate	10.345	149	589961	47.079	ng	99
61) 4-Chlorophenyl-phenyle...	10.469	204	279036	45.873	ng	99
62) 4-Nitroaniline	10.492	138	135593	46.040	ng	94
63) Azobenzene	10.628	77	678337	51.794	ng	98
65) 4,6-Dinitro-2-methylph...	10.522	198	94109	58.839	ng	93
66) n-Nitrosodiphenylamine	10.586	169	534214	53.455	ng	98
67) 4-Bromophenyl-phenylether	10.957	248	174746	49.679	ng	97
68) Hexachlorobenzene	11.022	284	199135	48.901	ng	98
69) Atrazine	11.110	200	157552	52.014	ng	95
70) Pentachlorophenol	11.216	266	211801	90.560	ng	98
71) Phenanthrene	11.439	178	774037	50.163	ng	99
72) Anthracene	11.492	178	751677	48.221	ng	98
73) Carbazole	11.645	167	666309	48.262	ng	99
74) Di-n-butylphthalate	11.975	149	806141	50.381	ng	99
75) Fluoranthene	12.633	202	742601	46.592	ng	99
77) Benzidine	12.757	184	310318	41.743	ng	99
78) Pyrene	12.863	202	755659	42.336	ng	99
80) Butylbenzylphthalate	13.480	149	291381	50.266	ng	98
81) Benzo(a)anthracene	14.057	228	750807	53.588	ng	99
82) 3,3'-Dichlorobenzidine	14.016	252	163606	38.318	ng	# 95
83) Chrysene	14.092	228	662977	51.127	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	396516	56.745	ng	99
85) Di-n-octyl phthalate	14.657	149	780708	68.024	ng	99
87) Indeno(1,2,3-cd)pyrene	17.057	276	918399	52.994	ng	99
88) Benzo(b)fluoranthene	15.116	252	768529	47.304	ng	98
89) Benzo(k)fluoranthene	15.145	252	753471	50.120	ng	99
90) Benzo(a)pyrene	15.486	252	765812	54.362	ng	98
91) Dibenzo(a,h)anthracene	17.074	278	730272	52.395	ng	97
92) Benzo(g,h,i)perylene	17.515	276	741849	53.225	ng	98

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

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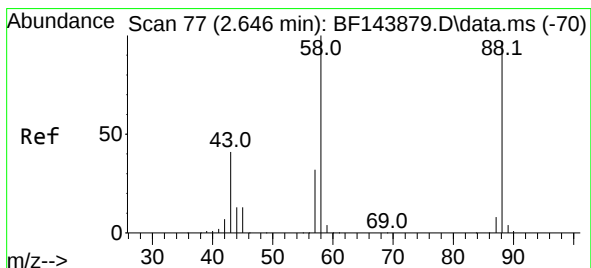
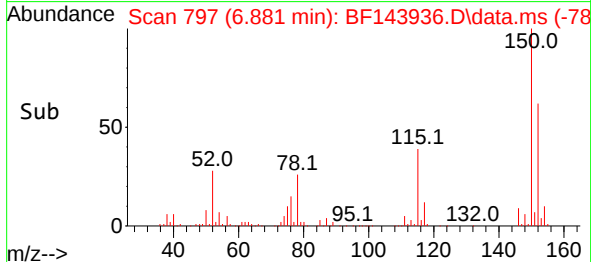
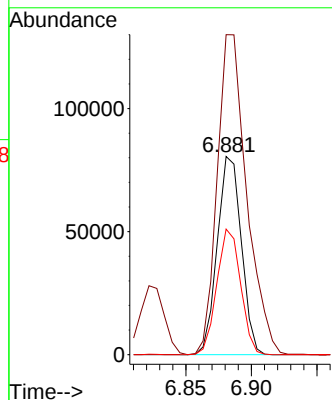
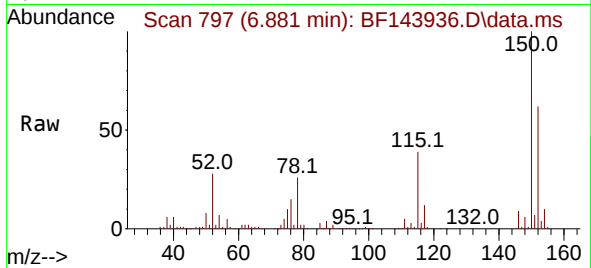




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143936.D
 Acq: 13 Oct 2025 17:03

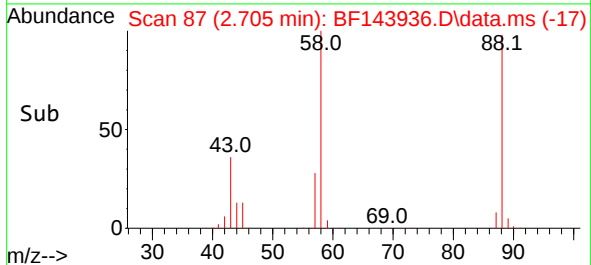
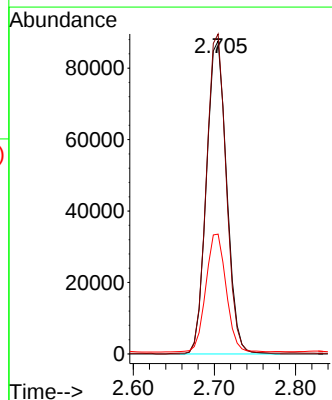
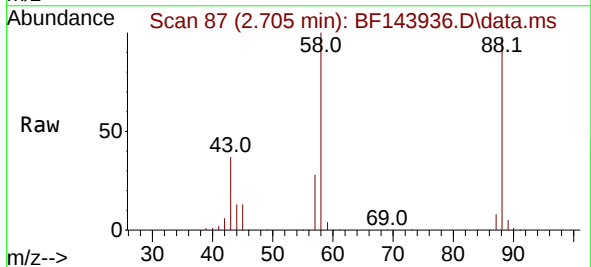
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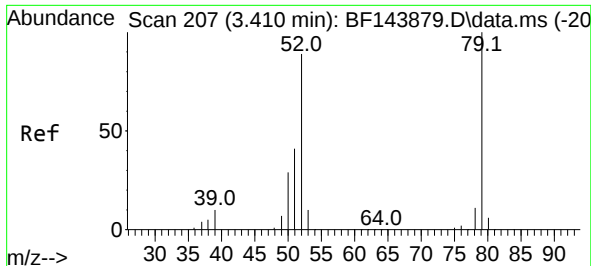
Tgt Ion:152 Resp: 102854
 Ion Ratio Lower Upper
 152 100
 150 161.5 124.4 186.6
 115 63.4 48.1 72.1



#2
 1,4-Dioxane
 Concen: 50.452 ng
 RT: 2.705 min Scan# 87
 Delta R.T. 0.059 min
 Lab File: BF143936.D
 Acq: 13 Oct 2025 17:03

Tgt Ion: 88 Resp: 151215
 Ion Ratio Lower Upper
 88 100
 58 100.6 83.0 124.6
 43 38.2 33.9 50.9

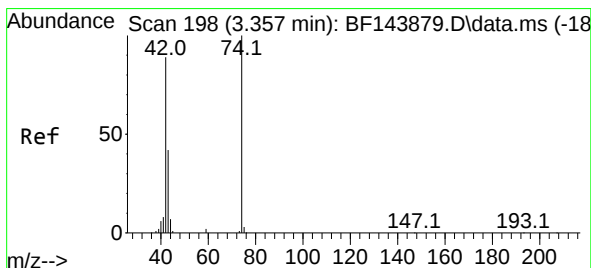
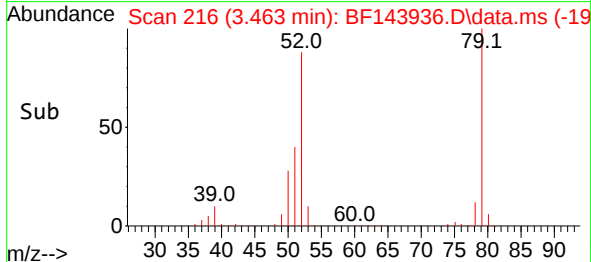
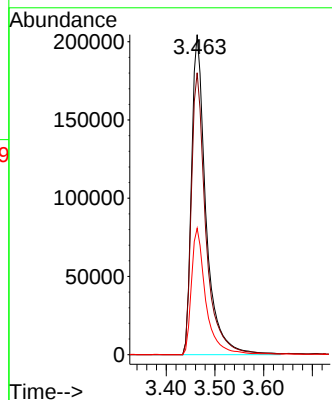
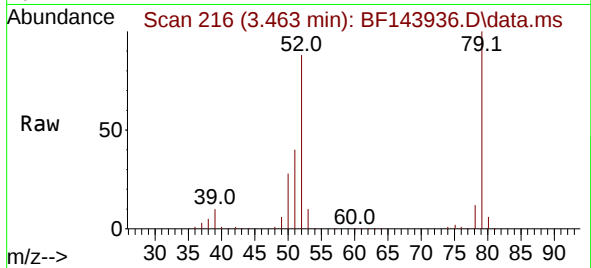




#3
Pyridine
Concen: 48.269 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.047 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

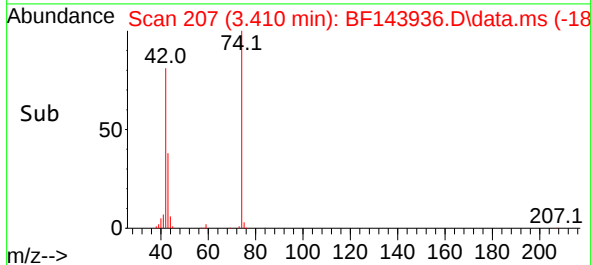
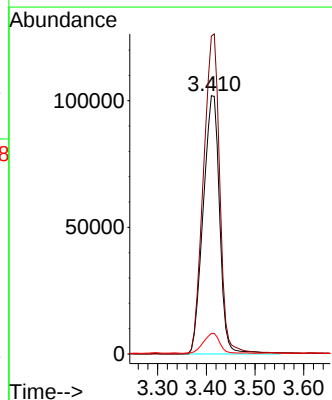
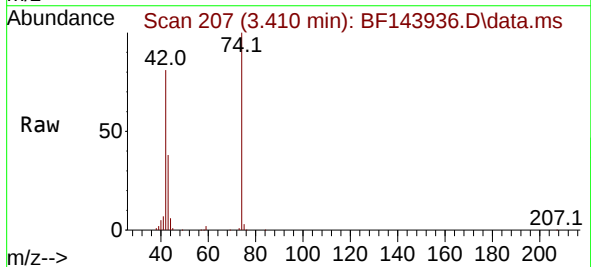
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

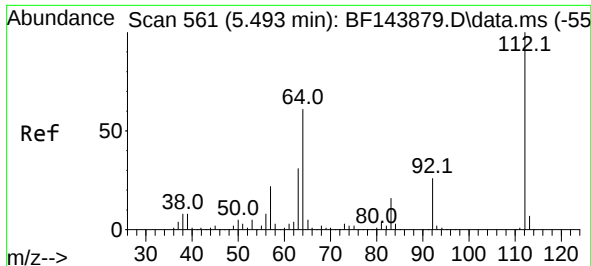
Tgt Ion: 79 Resp: 421165
Ion Ratio Lower Upper
79 100
52 88.1 71.5 107.3
51 39.5 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 52.062 ng
RT: 3.410 min Scan# 207
Delta R.T. 0.024 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion: 42 Resp: 238965
Ion Ratio Lower Upper
42 100
74 123.1 90.0 135.0
44 7.9 6.2 9.2

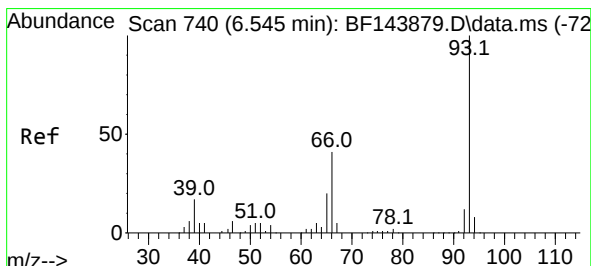
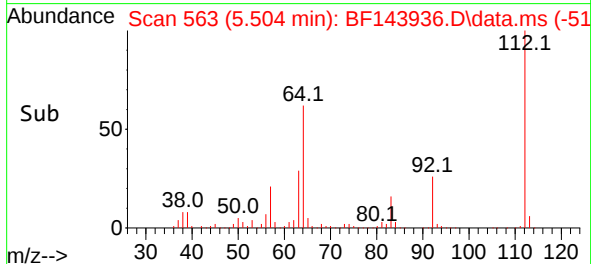
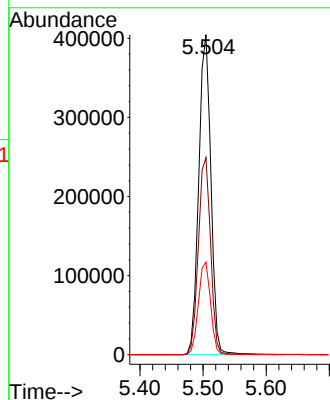
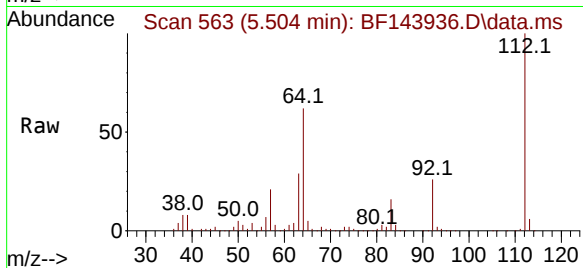




#5
2-Fluorophenol
Concen: 83.437 ng
RT: 5.504 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

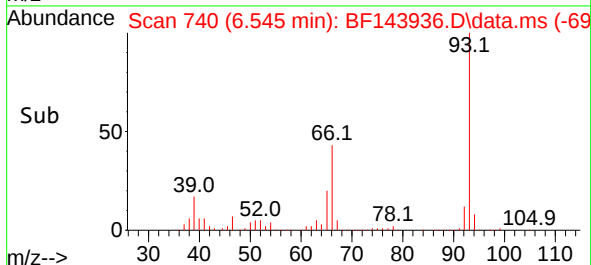
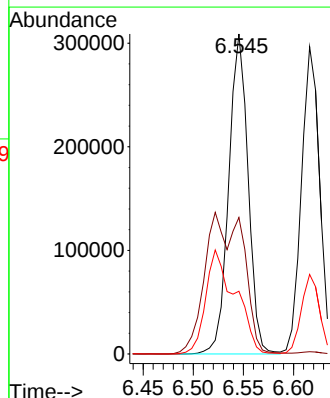
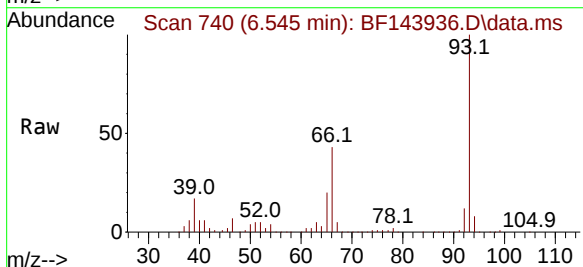
Instrument :
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ClientSampleId :
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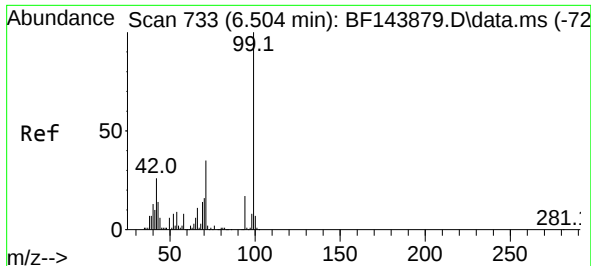
Tgt Ion:112 Resp: 540422
Ion Ratio Lower Upper
112 100
64 61.6 49.1 73.7
63 29.0 24.5 36.7



#6
Aniline
Concen: 35.841 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion: 93 Resp: 414633
Ion Ratio Lower Upper
93 100
66 42.7 33.0 49.6
65 19.6 15.8 23.8

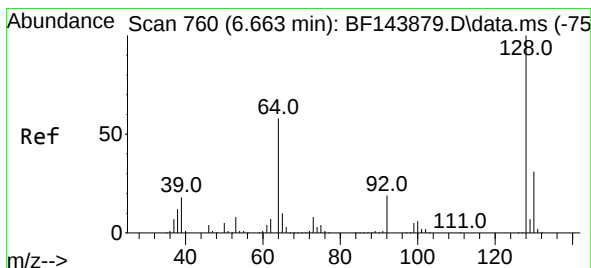
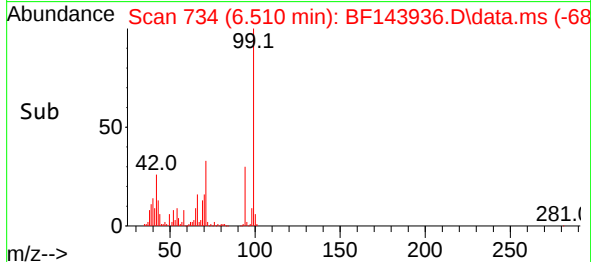
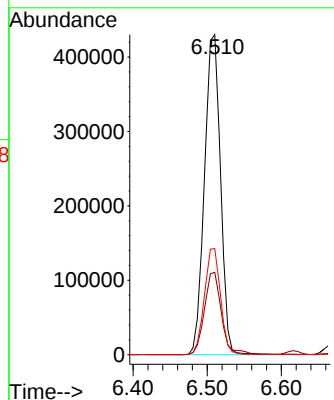
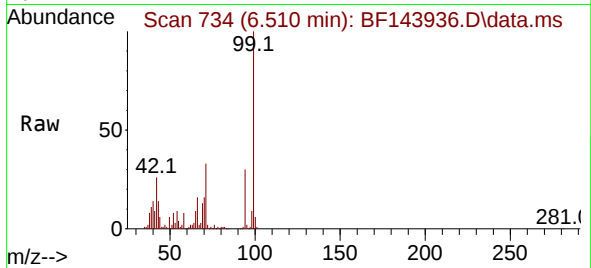




#7
Phenol-d6
Concen: 83.932 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

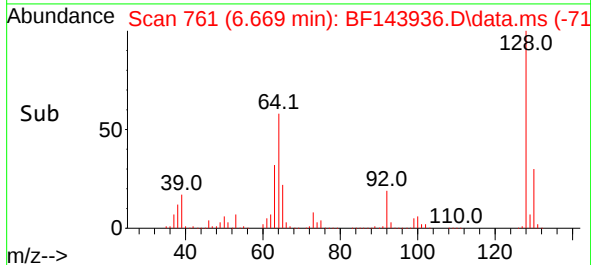
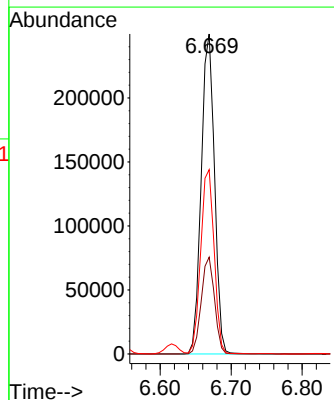
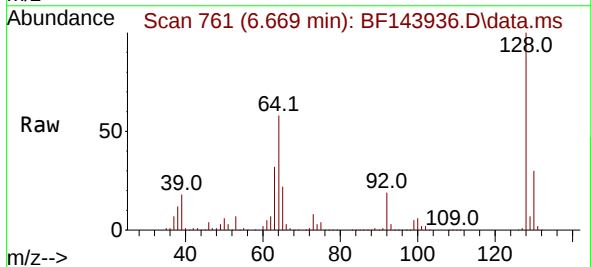
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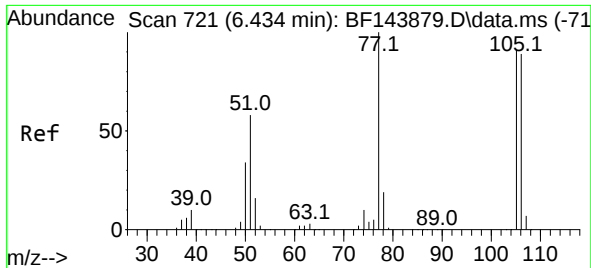
Tgt Ion: 99 Resp: 647978
Ion Ratio Lower Upper
99 100
42 25.7 21.0 31.4
71 33.2 27.8 41.8



#8
2-Chlorophenol
Concen: 51.466 ng
RT: 6.669 min Scan# 761
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion: 128 Resp: 325846
Ion Ratio Lower Upper
128 100
130 30.3 10.7 50.7
64 57.6 39.0 79.0





#9

Benzaldehyde

Concen: 32.838 ng

RT: 6.434 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

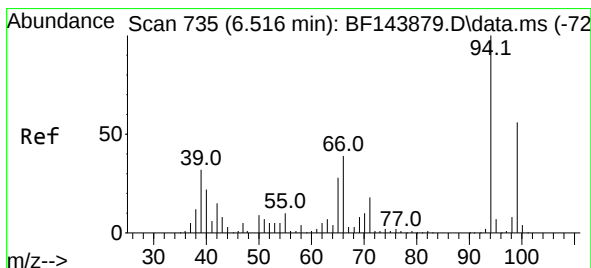
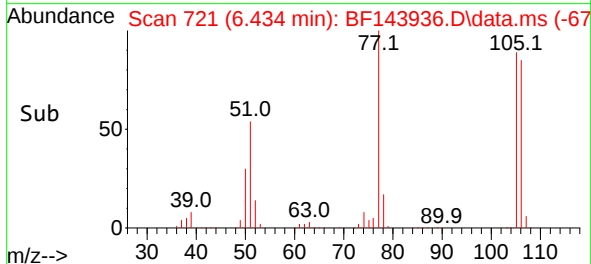
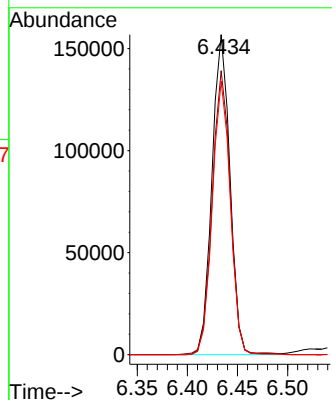
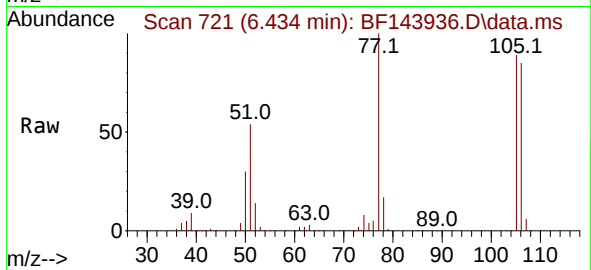
Tgt Ion: 77 Resp: 195569

Ion Ratio Lower Upper

77 100

105 88.8 70.9 110.9

106 85.4 68.9 108.9



#10

Phenol

Concen: 52.098 ng

RT: 6.522 min Scan# 736

Delta R.T. -0.012 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

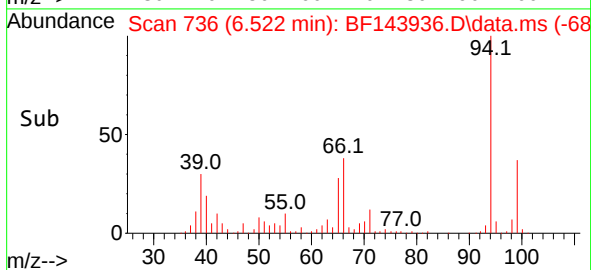
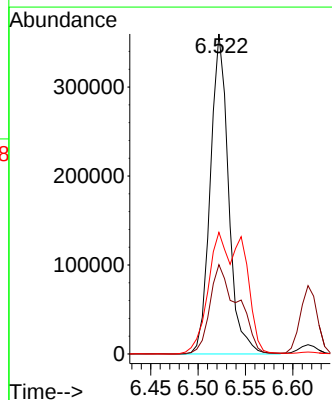
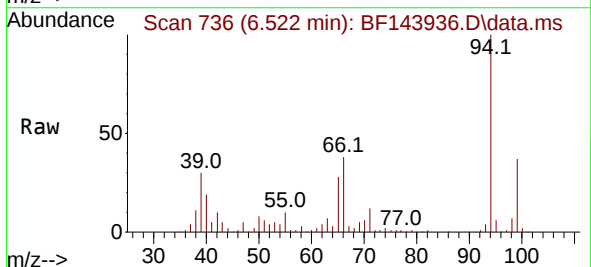
Tgt Ion: 94 Resp: 480851

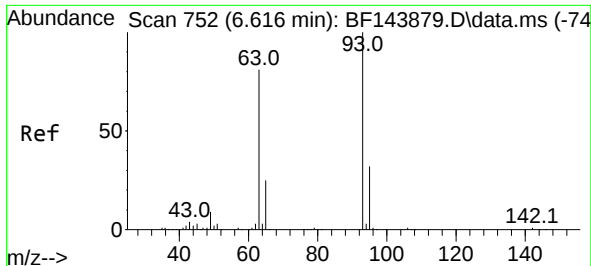
Ion Ratio Lower Upper

94 100

65 27.9 8.5 48.5

66 38.0 19.9 59.9

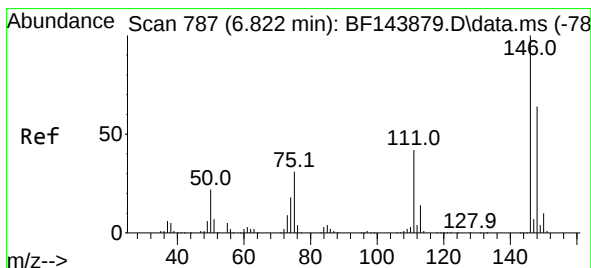
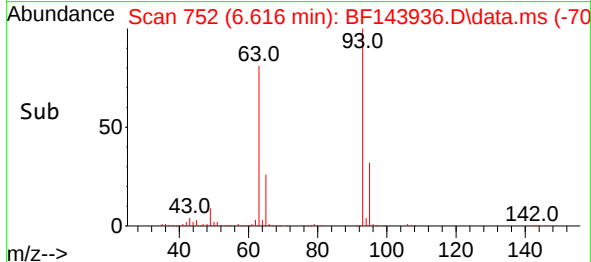
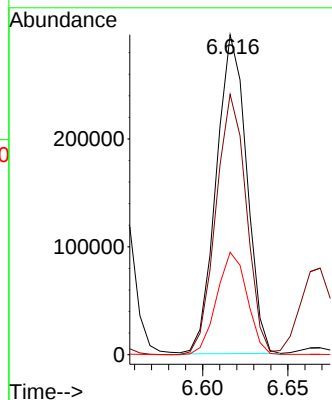
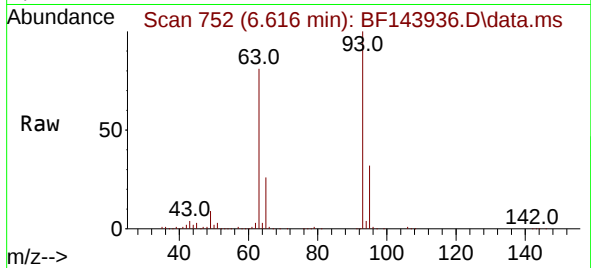




#11
bis(2-Chloroethyl)ether
Concen: 51.534 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

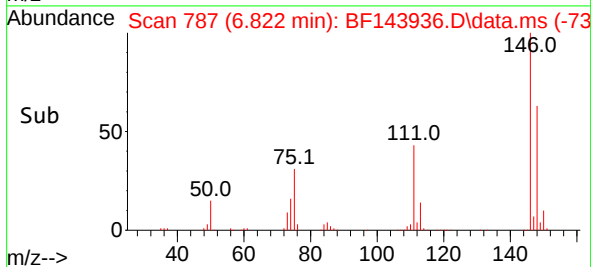
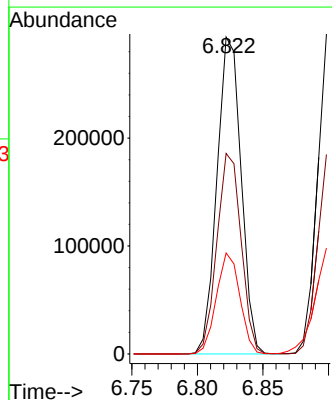
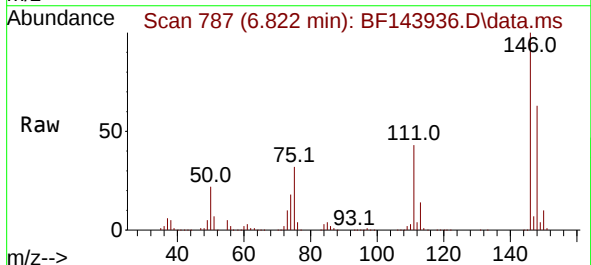
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

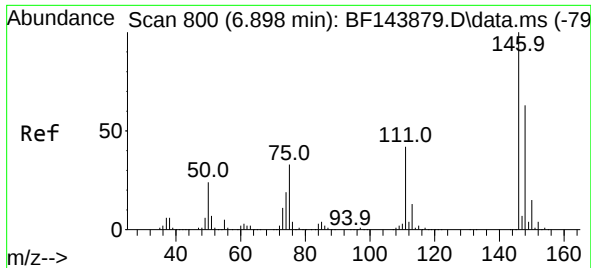
Tgt Ion: 93 Resp: 367429
Ion Ratio Lower Upper
93 100
63 81.4 60.9 100.9
95 32.0 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 49.611 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:146 Resp: 375984
Ion Ratio Lower Upper
146 100
148 63.2 51.0 76.4
75 31.9 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 51.058 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

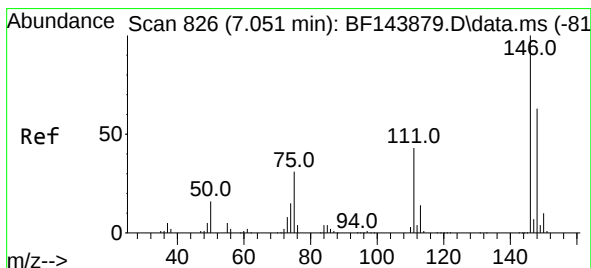
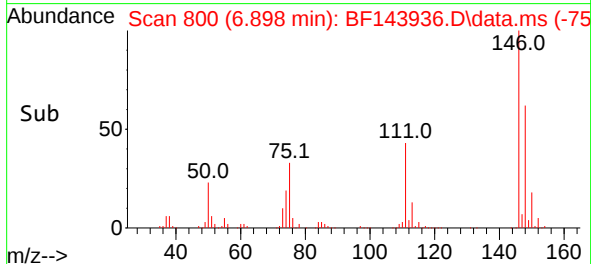
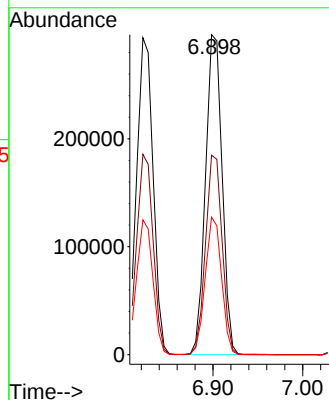
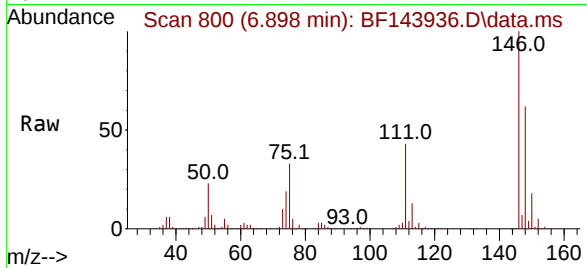
Tgt Ion:146 Resp: 381694

Ion Ratio Lower Upper

146 100

148 62.3 50.5 75.7

111 43.0 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 50.887 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

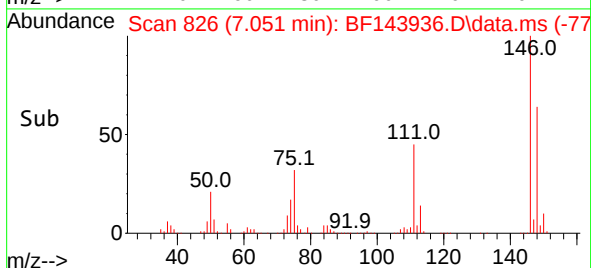
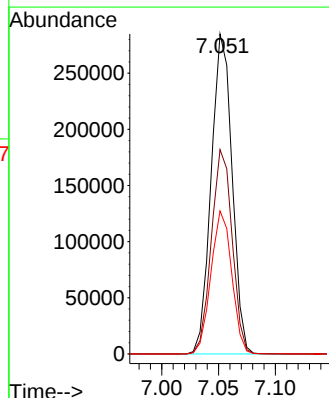
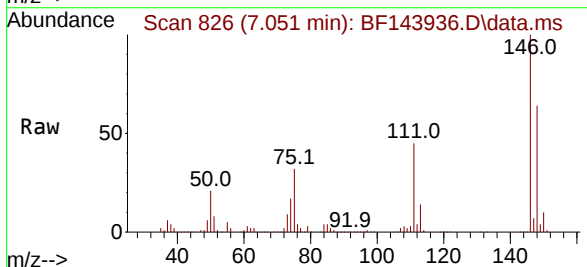
Tgt Ion:146 Resp: 364379

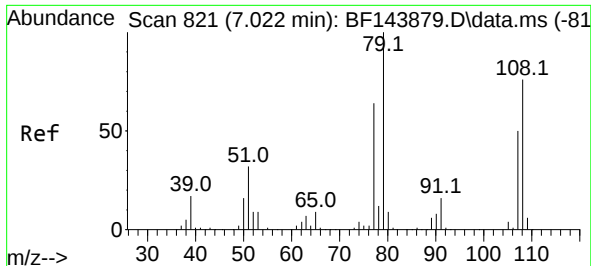
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

111 44.7 34.6 51.8

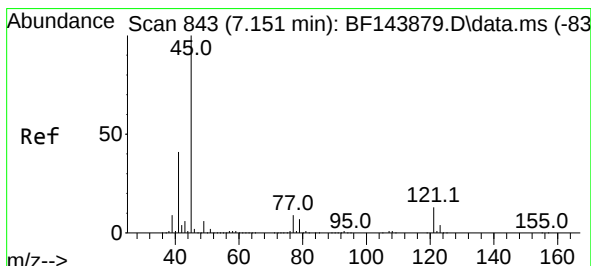
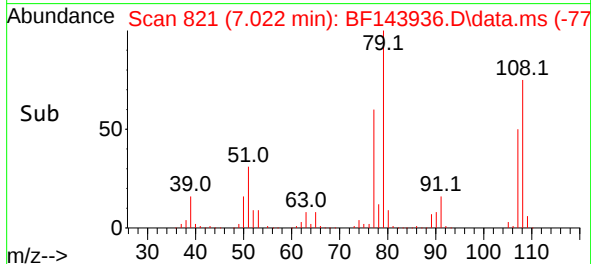
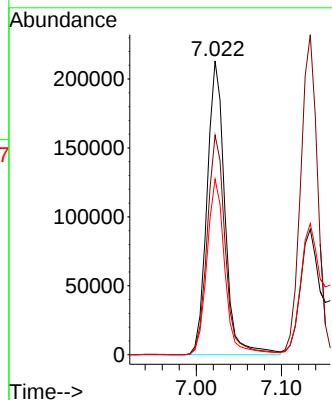
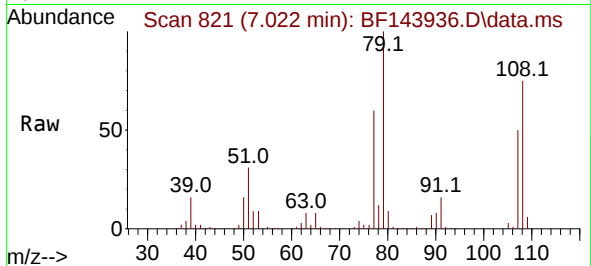




#15
Benzyl Alcohol
Concen: 53.455 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

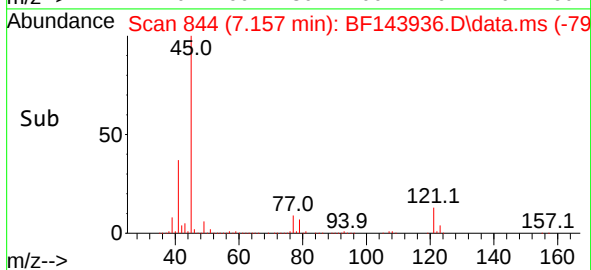
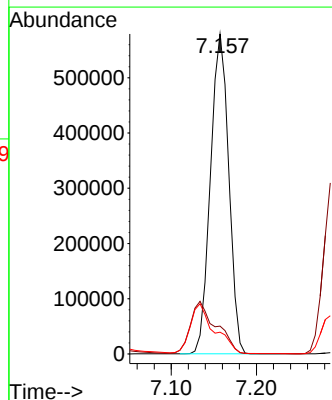
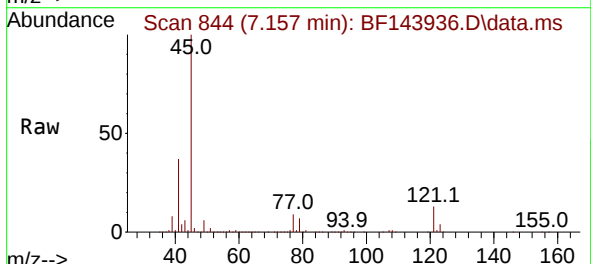
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

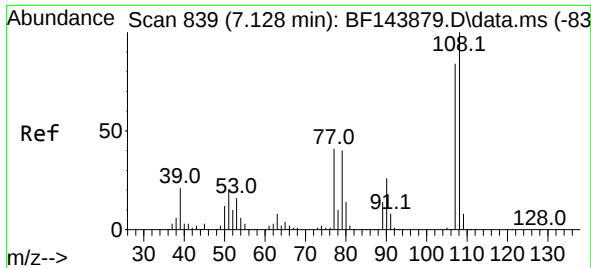
Tgt Ion: 79 Resp: 309207
Ion Ratio Lower Upper
79 100
108 74.7 60.8 91.2
77 59.8 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 53.251 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion: 45 Resp: 864228
Ion Ratio Lower Upper
45 100
77 8.7 0.0 29.0
79 6.8 0.0 26.8



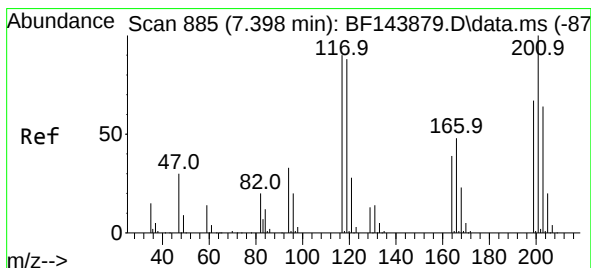
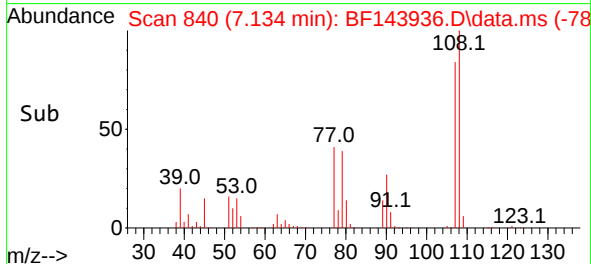
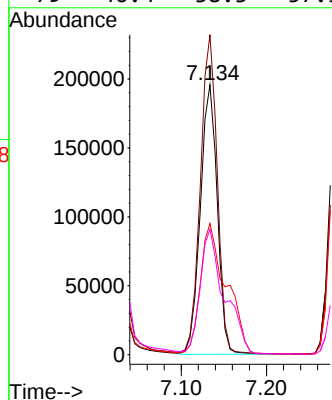
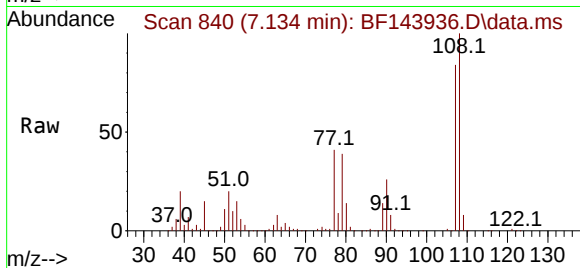


#17
2-Methylphenol
Concen: 51.604 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

Tgt Ion:107 Resp: 270014

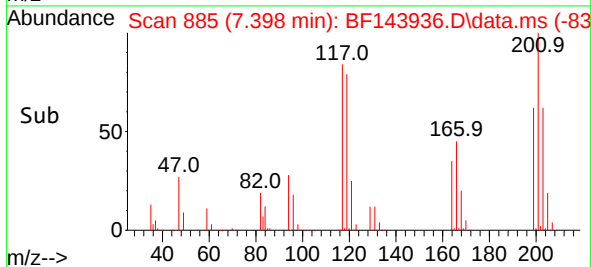
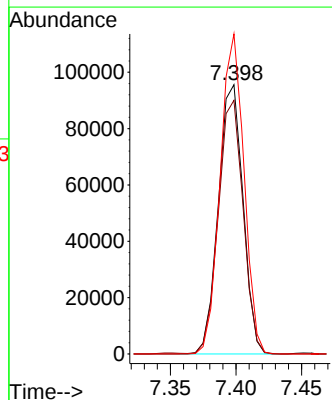
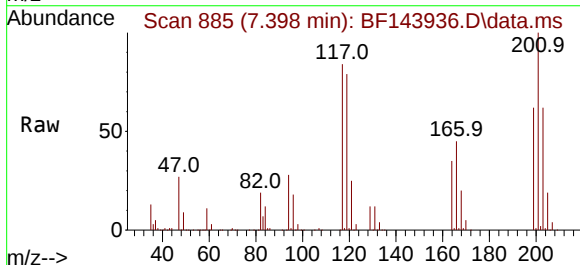
Ion	Ratio	Lower	Upper
107	100		
108	118.5	94.7	142.1
77	48.6	38.8	58.2
79	46.4	38.3	57.5

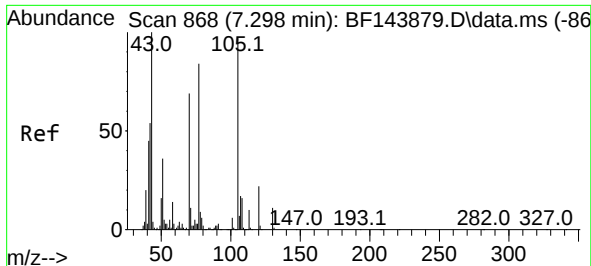


#18
Hexachloroethane
Concen: 50.093 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:117 Resp: 124887

Ion	Ratio	Lower	Upper
117	100		
119	94.2	77.8	116.8
201	118.8	88.5	132.7



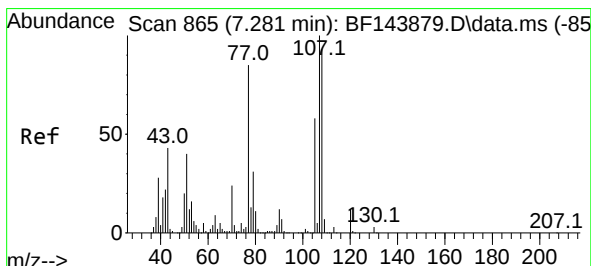
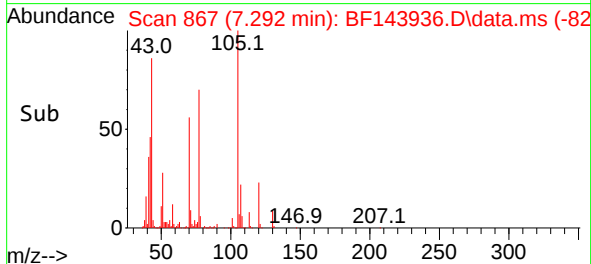
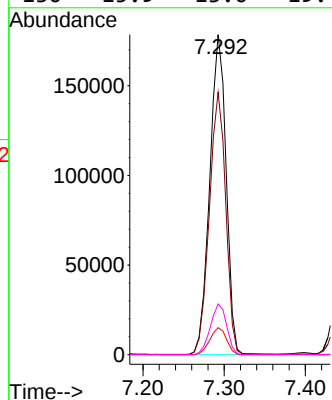
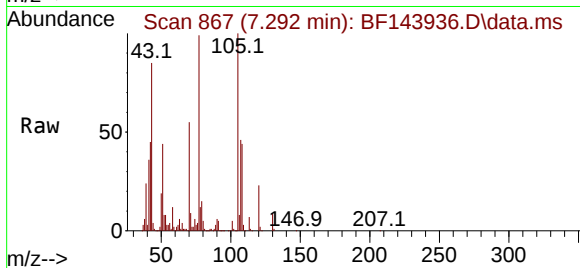


#19
n-Nitroso-di-n-propylamine
Concen: 47.306 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

Tgt Ion: 70 Resp: 249991

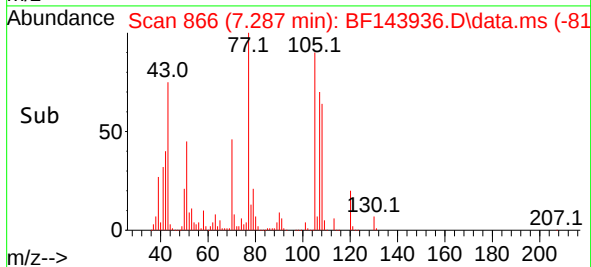
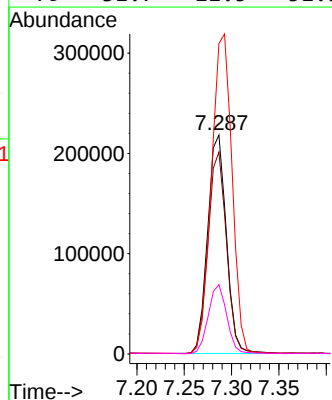
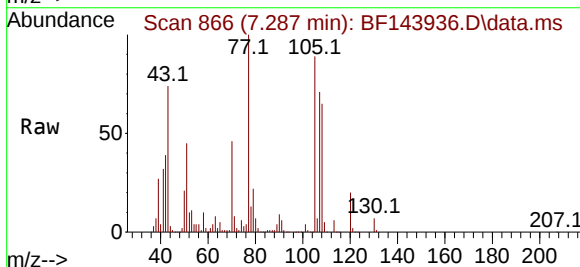
Ion	Ratio	Lower	Upper
70	100		
42	82.0	62.8	94.2
101	8.5	6.7	10.1
130	15.9	13.0	19.4

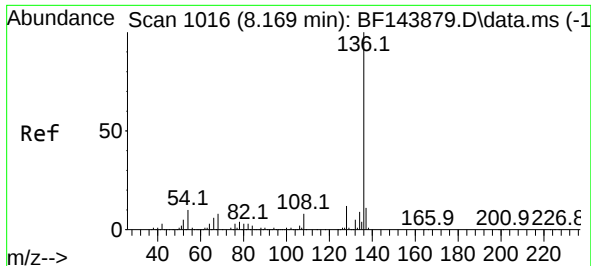


#20
3+4-Methylphenols
Concen: 49.182 ng
RT: 7.287 min Scan# 866
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion: 107 Resp: 298254

Ion	Ratio	Lower	Upper
107	100		
108	92.2	73.0	113.0
77	141.7	64.6	104.6#
79	31.7	11.5	51.5



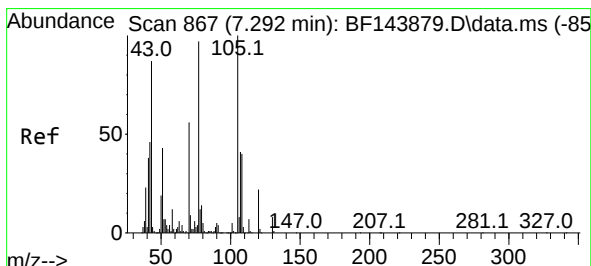
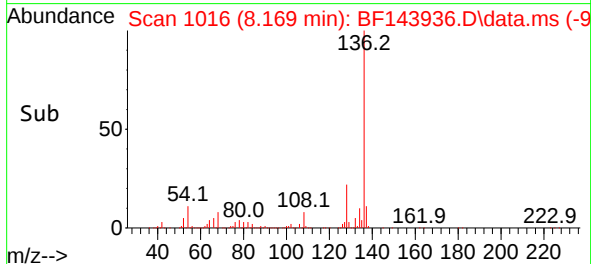
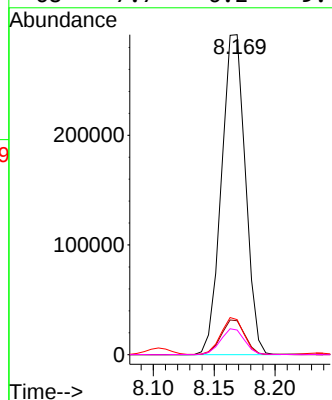
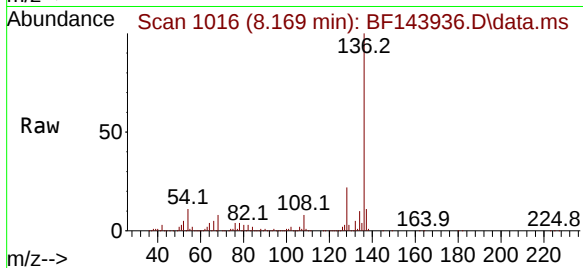


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1016
Delta R.T. -0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

Tgt Ion:136 Resp: 398815

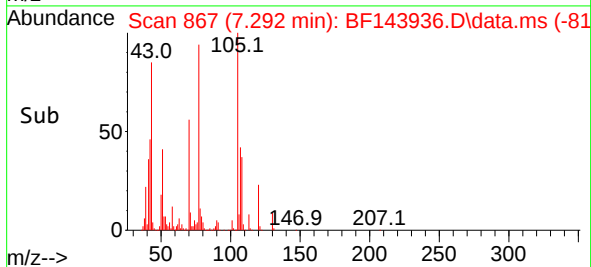
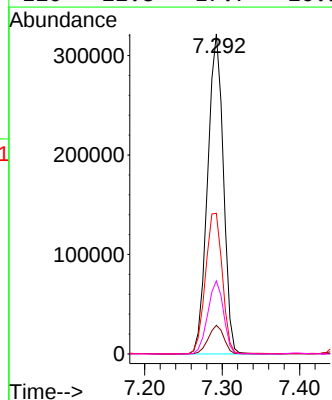
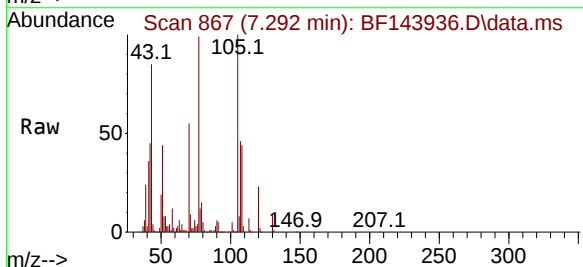
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.5	12.7
54	10.9	8.2	12.4
68	7.7	6.2	9.4

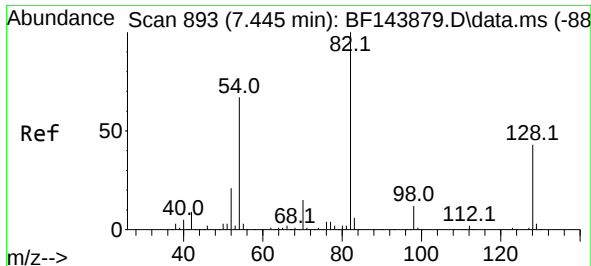


#22
Acetophenone
Concen: 53.984 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:105 Resp: 455226

Ion	Ratio	Lower	Upper
105	100		
71	9.0	7.4	11.0
51	44.0	34.2	51.4
120	22.8	17.7	26.5

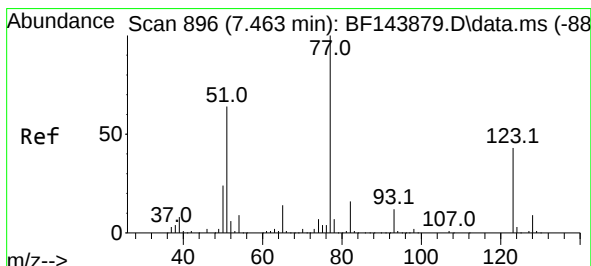
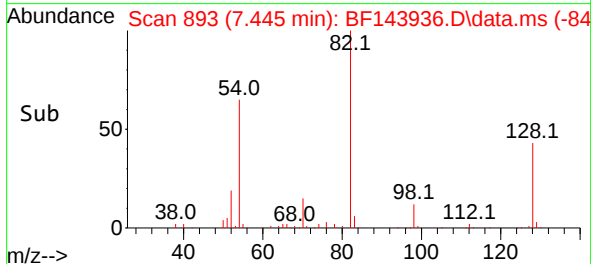
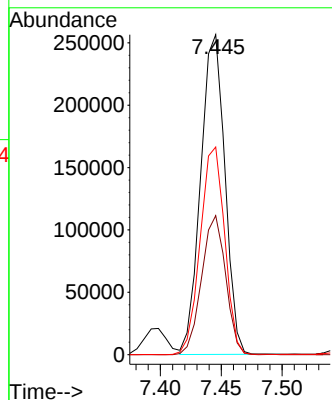
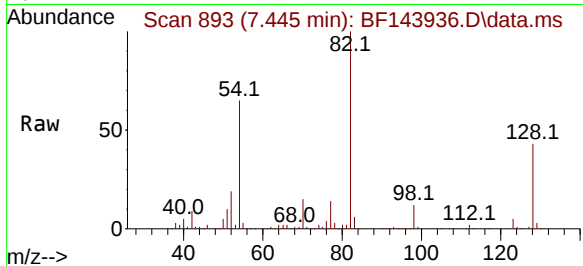




#23
Nitrobenzene-d5
Concen: 54.039 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

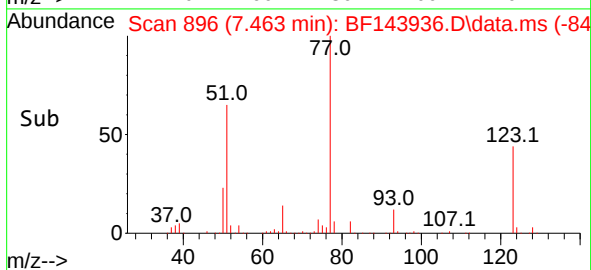
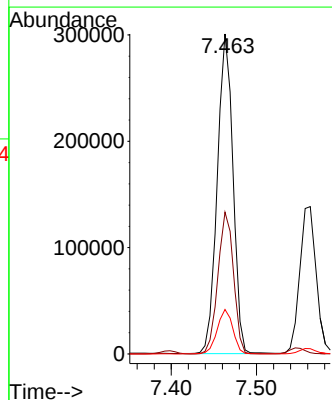
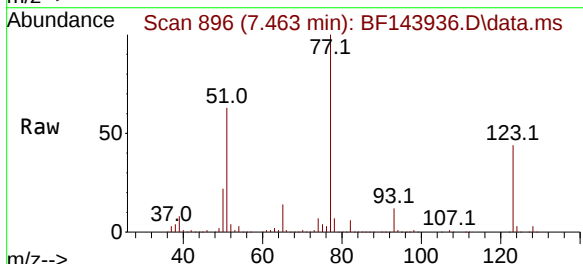
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

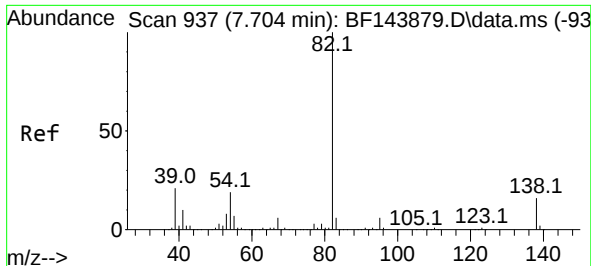
Tgt Ion: 82 Resp: 354728
Ion Ratio Lower Upper
82 100
128 43.4 34.0 51.0
54 64.9 53.2 79.8



#24
Nitrobenzene
Concen: 52.835 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion: 77 Resp: 385154
Ion Ratio Lower Upper
77 100
123 44.3 34.2 51.4
65 13.9 11.0 16.6

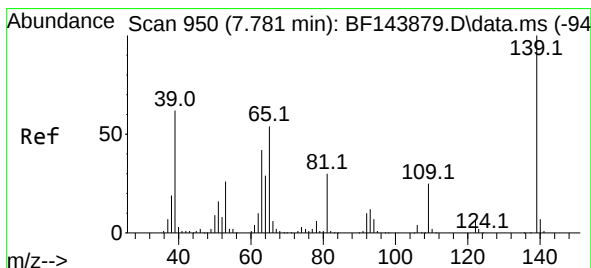
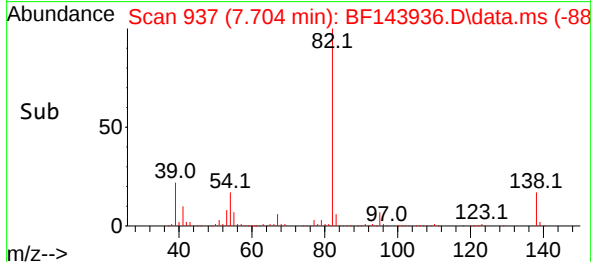
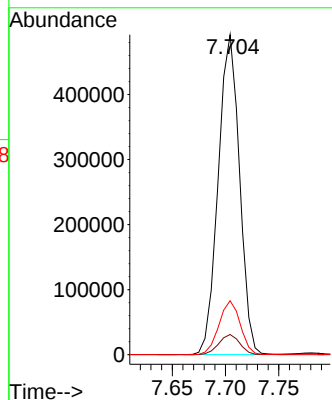
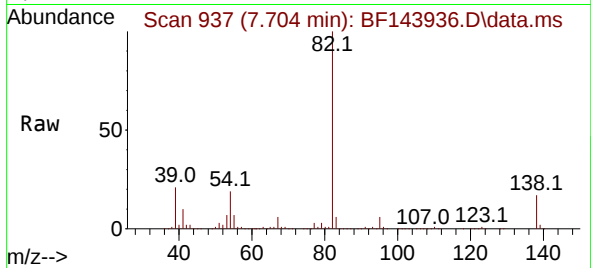




#25
Isophorone
Concen: 49.390 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

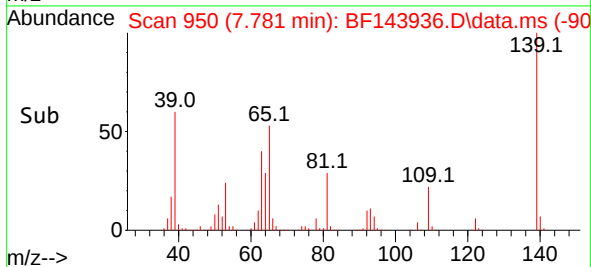
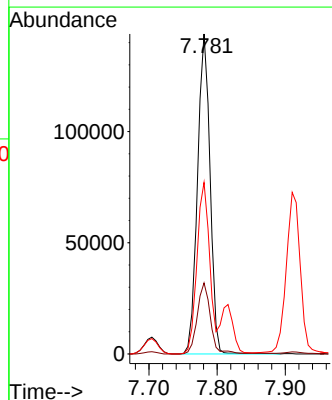
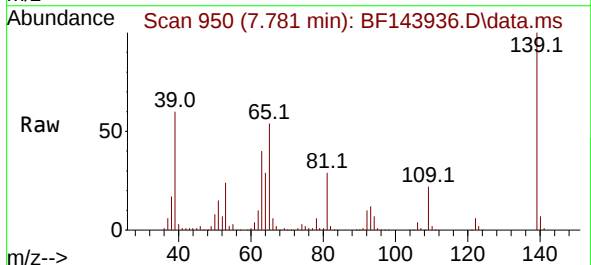
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

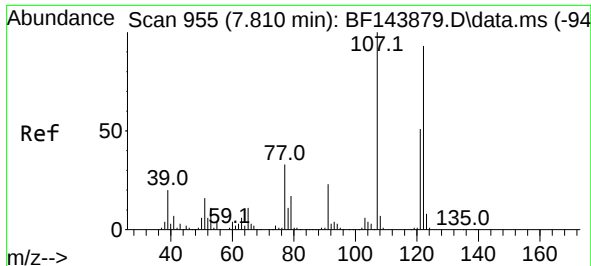
Tgt Ion: 82 Resp: 683614
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 58.903 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:139 Resp: 184091
Ion Ratio Lower Upper
139 100
109 22.2 19.8 29.6
65 53.6 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 55.378 ng

RT: 7.816 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

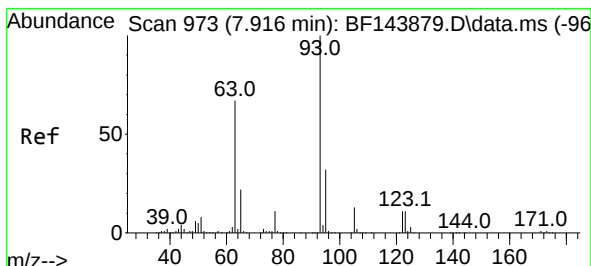
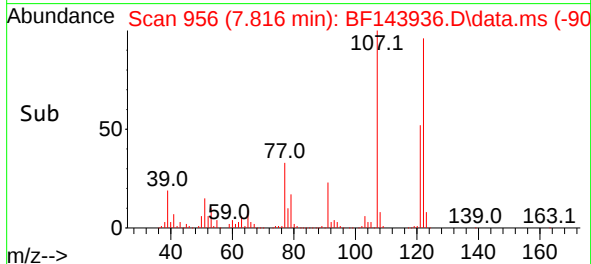
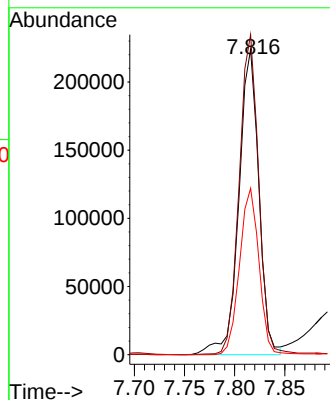
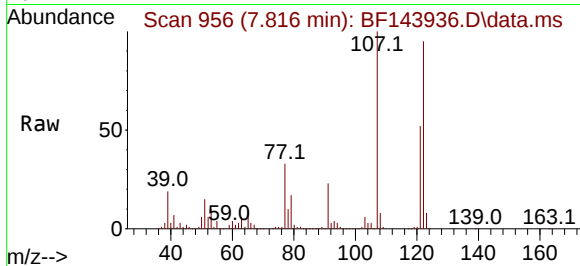
Tgt Ion:122 Resp: 311340

Ion Ratio Lower Upper

122 100

107 104.8 86.1 129.1

121 54.5 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 50.160 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

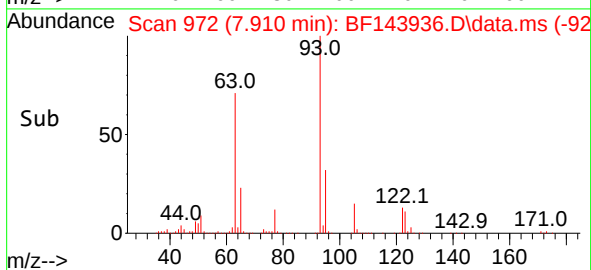
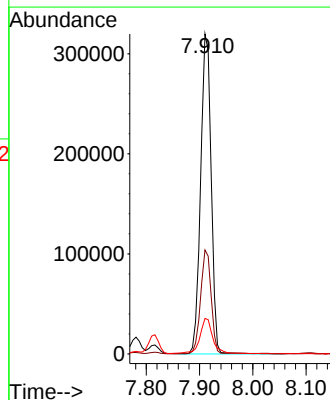
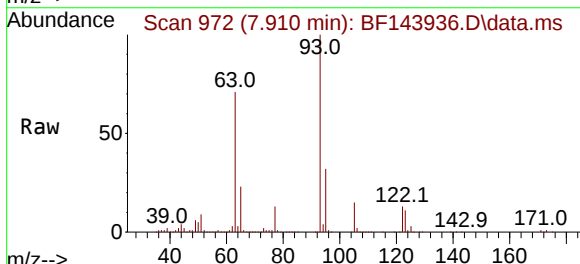
Tgt Ion: 93 Resp: 438565

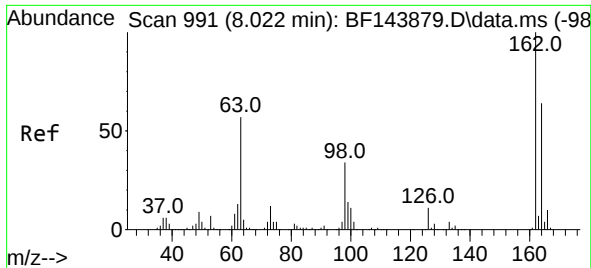
Ion Ratio Lower Upper

93 100

95 32.5 25.9 38.9

123 11.1 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 49.429 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143936.D

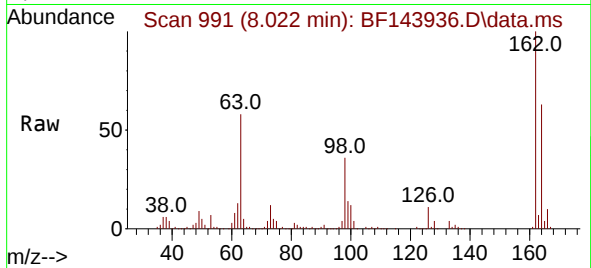
Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD



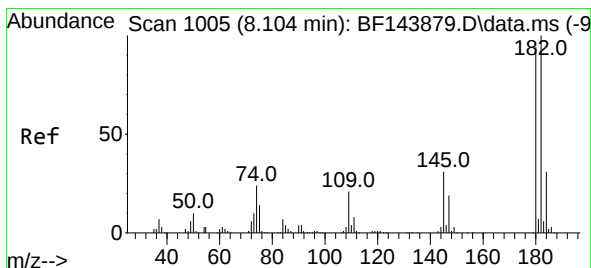
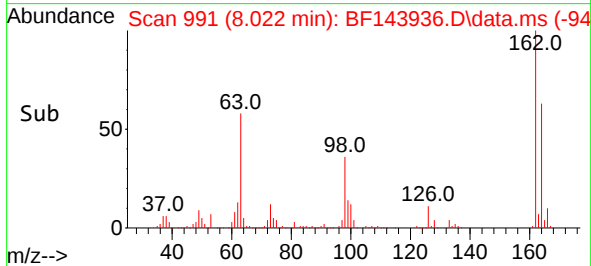
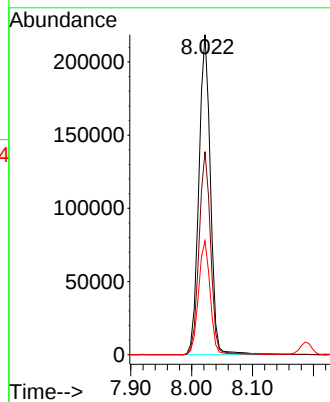
Tgt Ion:162 Resp: 289467

Ion Ratio Lower Upper

162 100

164 63.5 43.9 83.9

98 35.6 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 52.364 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

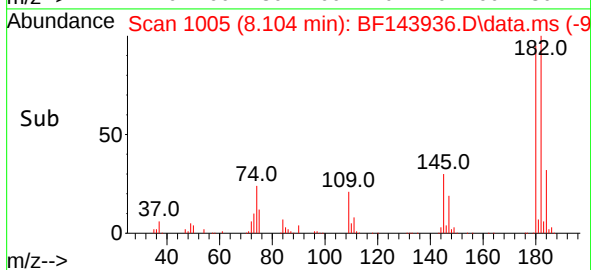
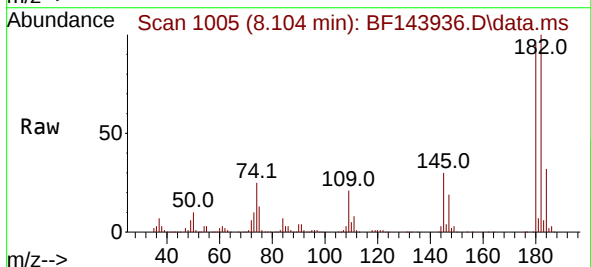
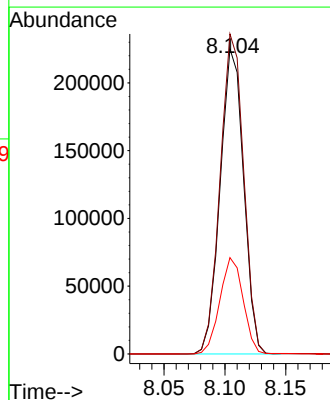
Tgt Ion:180 Resp: 301586

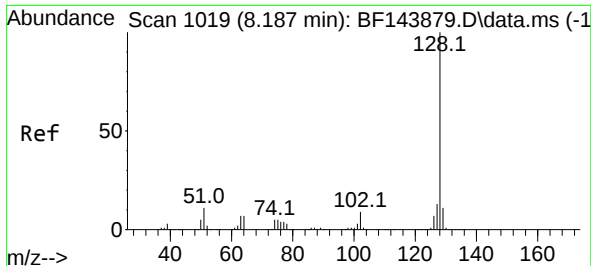
Ion Ratio Lower Upper

180 100

182 104.9 85.4 128.0

145 31.6 26.3 39.5

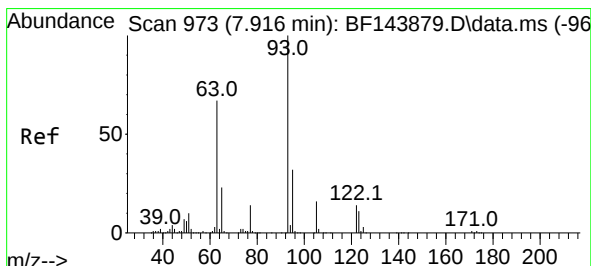
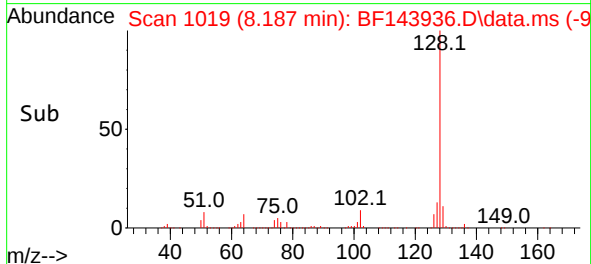
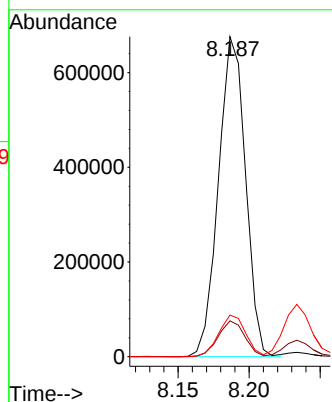
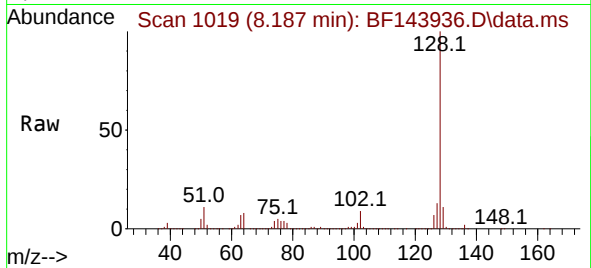




#31
Naphthalene
Concen: 49.368 ng
RT: 8.187 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

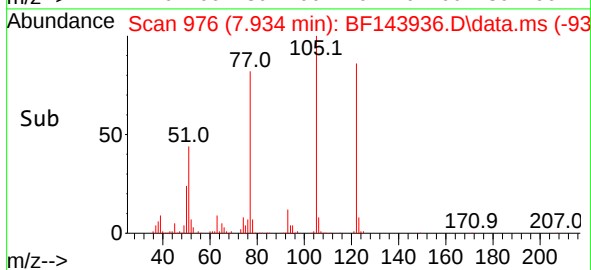
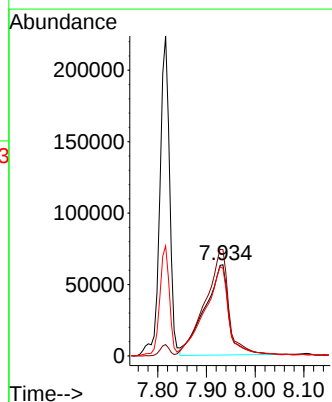
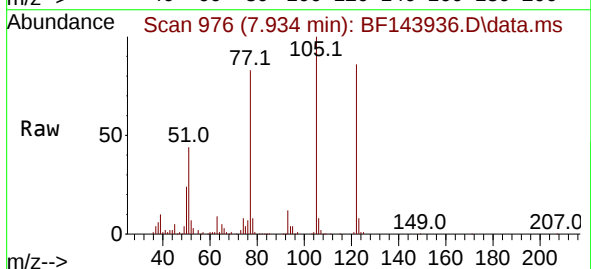
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

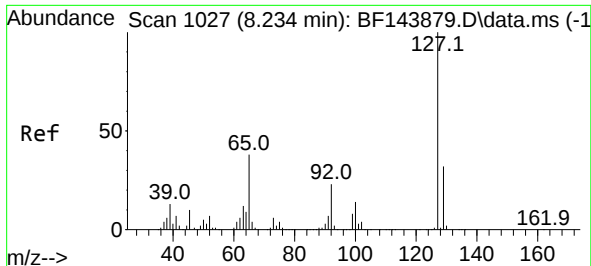
Tgt Ion:128 Resp: 895629
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.0 10.0 15.0



#32
Benzoic acid
Concen: 55.784 ng
RT: 7.934 min Scan# 976
Delta R.T. -0.029 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:122 Resp: 217053
Ion Ratio Lower Upper
122 100
105 116.6 93.5 133.5
77 96.2 76.3 116.3

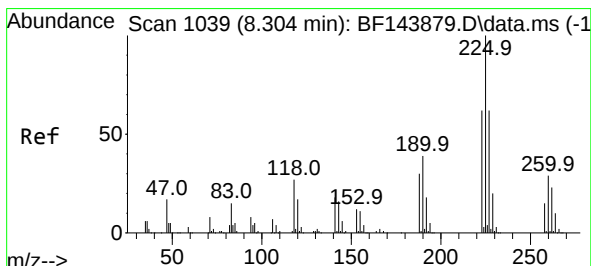
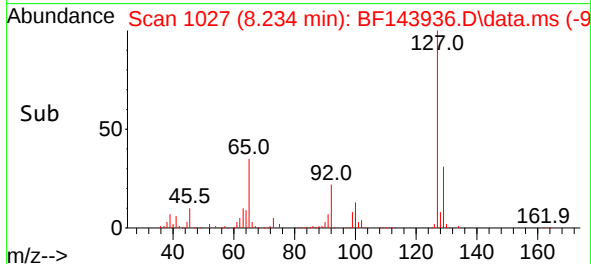
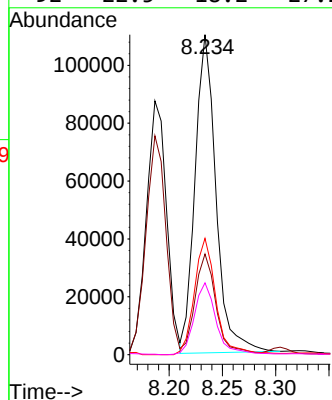
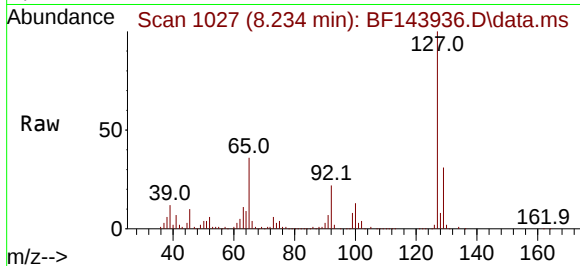




#33
4-Chloroaniline
Concen: 22.178 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

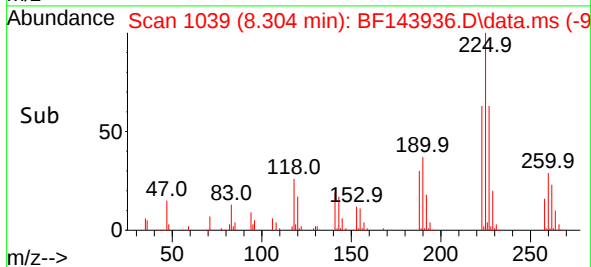
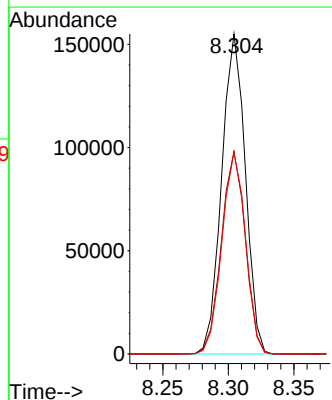
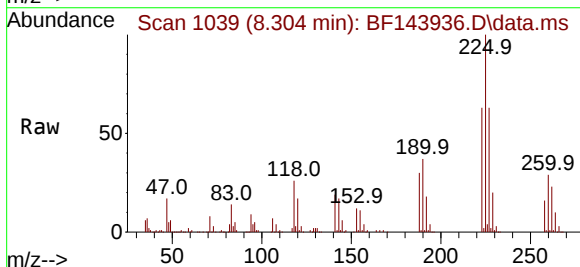
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

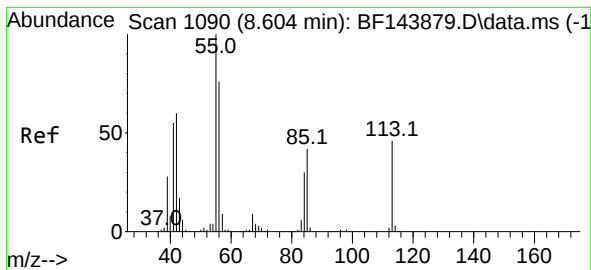
Tgt Ion:	127	Resp:	150904
Ion	Ratio	Lower	Upper
127	100		
129	31.5	25.8	38.8
65	36.4	30.0	45.0
92	22.5	18.2	27.2



#34
Hexachlorobutadiene
Concen: 48.550 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:	225	Resp:	194305
Ion	Ratio	Lower	Upper
225	100		
223	63.3	49.4	74.2
227	62.9	49.7	74.5





#35

Caprolactam

Concen: 49.703 ng

RT: 8.604 min Scan# 1109

Delta R.T. -0.041 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

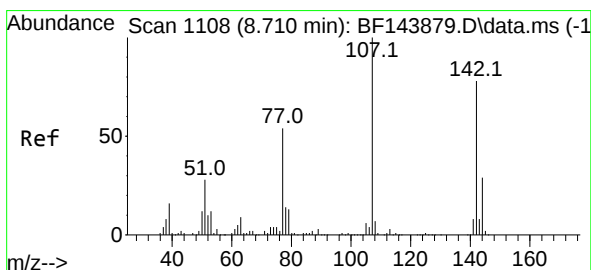
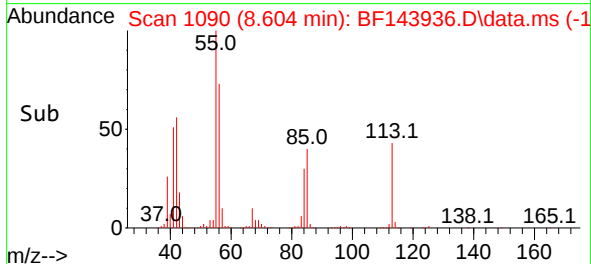
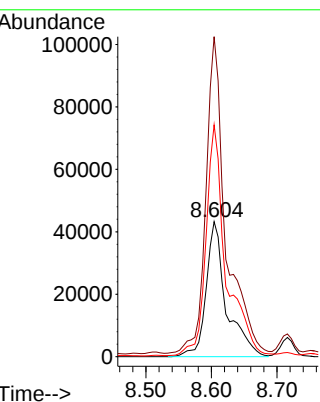
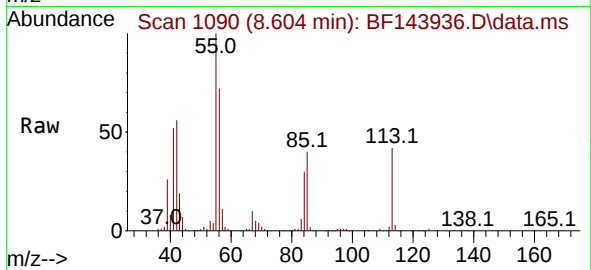
Tgt Ion:113 Resp: 92548

Ion Ratio Lower Upper

113 100

55 237.0 199.6 239.6

56 171.7 146.0 186.0



#36

4-Chloro-3-methylphenol

Concen: 48.507 ng

RT: 8.716 min Scan# 1109

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

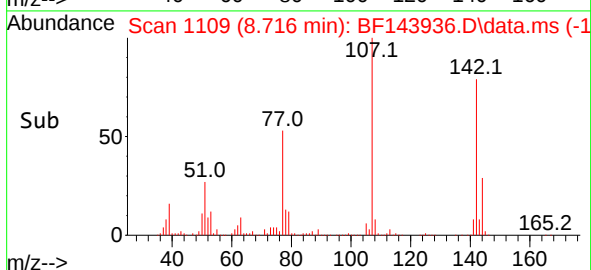
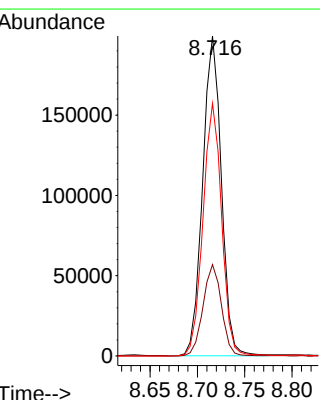
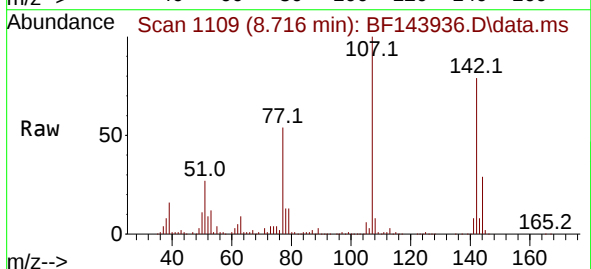
Tgt Ion:107 Resp: 272863

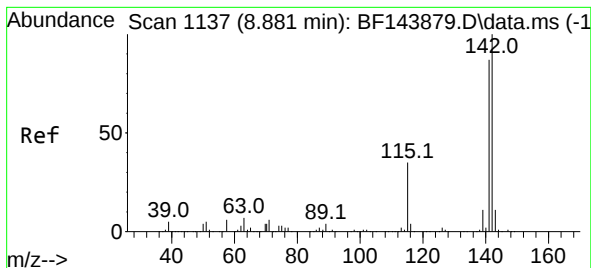
Ion Ratio Lower Upper

107 100

144 28.5 23.1 34.7

142 78.9 62.6 94.0

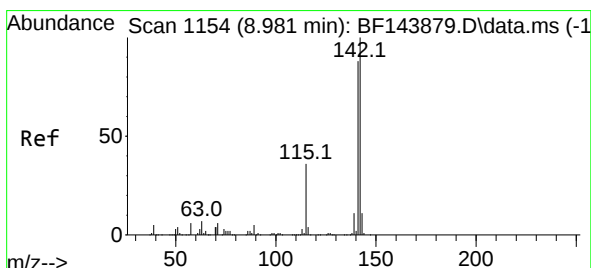
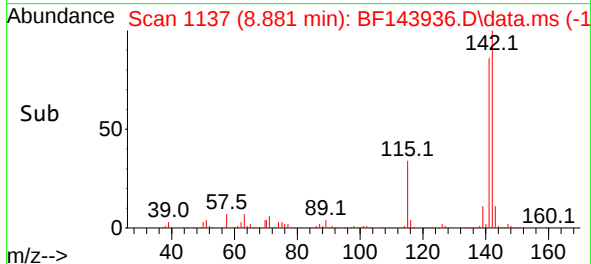
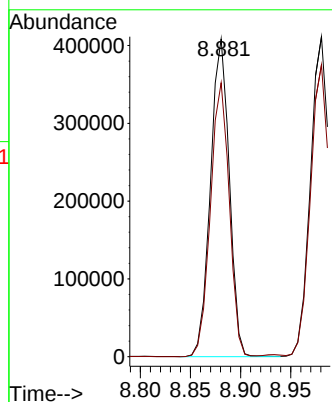
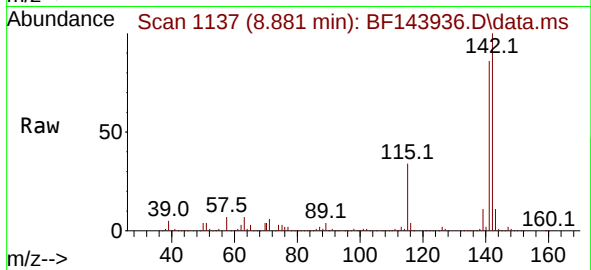




#37
2-Methylnaphthalene
Concen: 44.215 ng
RT: 8.881 min Scan# 1137
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

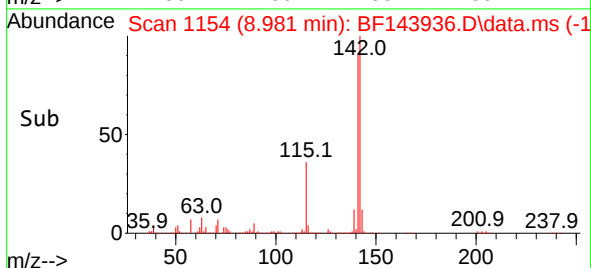
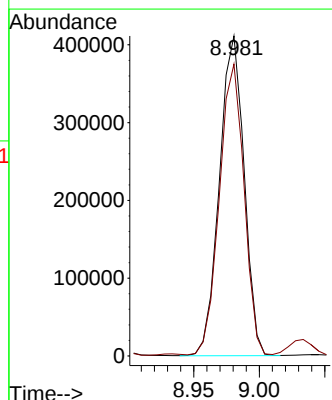
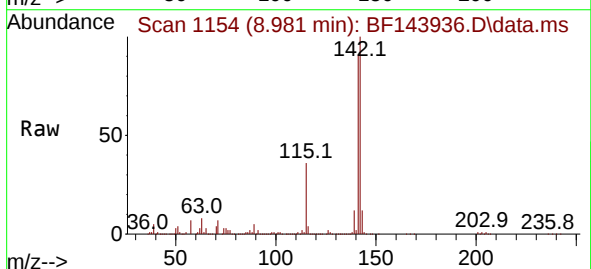
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

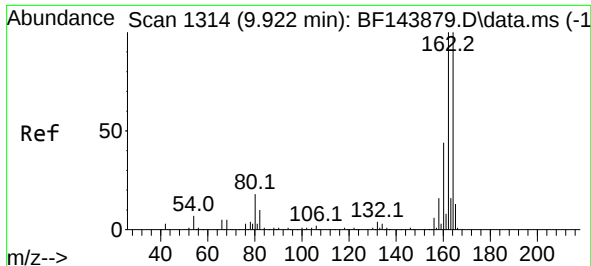
Tgt Ion:142 Resp: 534321
Ion Ratio Lower Upper
142 100
141 86.2 69.2 103.8



#38
1-Methylnaphthalene
Concen: 45.909 ng
RT: 8.981 min Scan# 1154
Delta R.T. -0.005 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:142 Resp: 538142
Ion Ratio Lower Upper
142 100
141 91.2 70.8 106.2

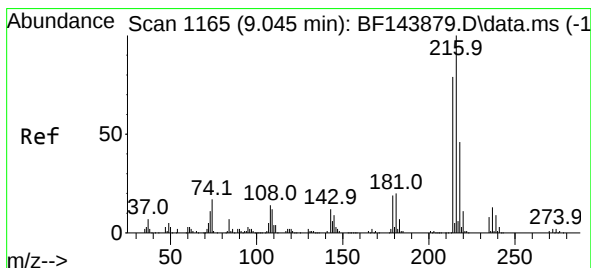
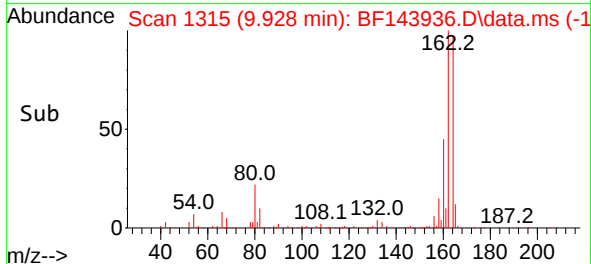
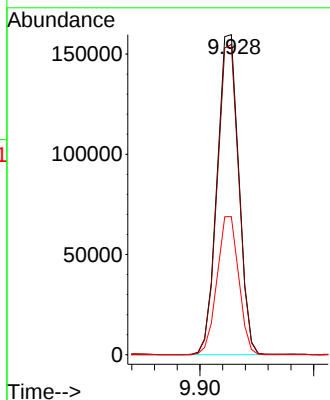
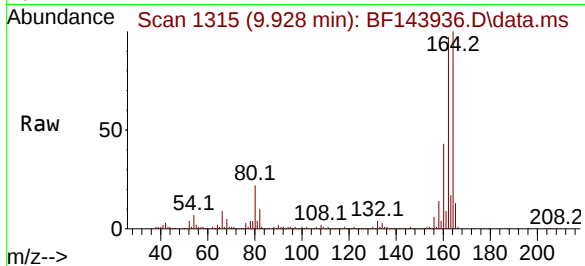




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.928 min Scan# 1115
Delta R.T. 0.001 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

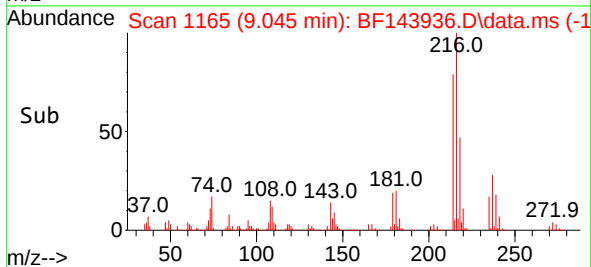
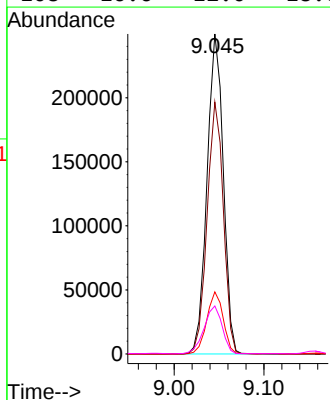
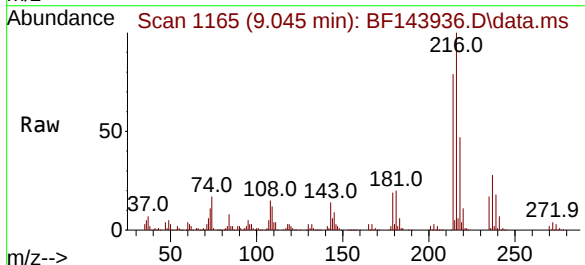
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

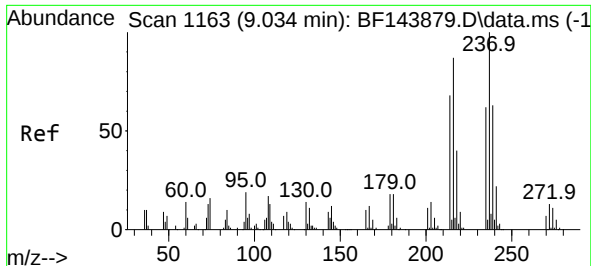
Tgt Ion:164 Resp: 212407
Ion Ratio Lower Upper
164 100
162 97.0 80.2 120.2
160 43.2 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.560 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

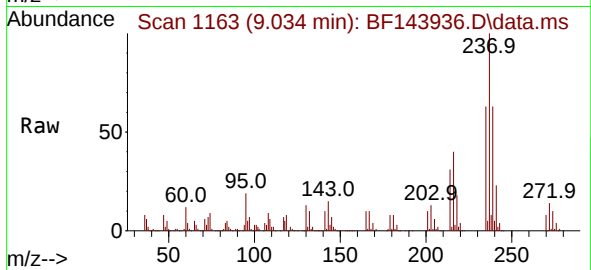
Tgt Ion:216 Resp: 314433
Ion Ratio Lower Upper
216 100
214 78.5 62.6 94.0
179 19.7 15.4 23.0
108 16.6 12.0 18.0



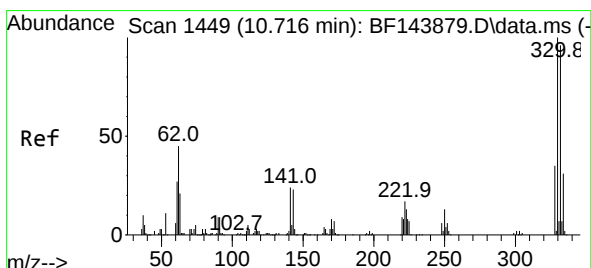
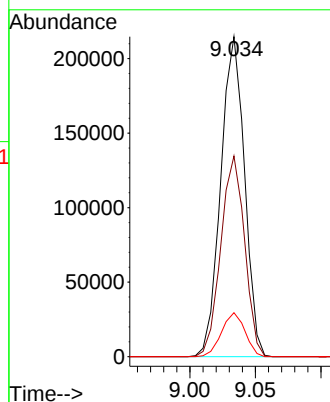
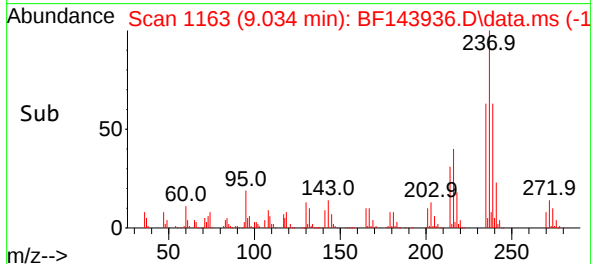


#41
Hexachlorocyclopentadiene
Concen: 111.035 ng
RT: 9.034 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

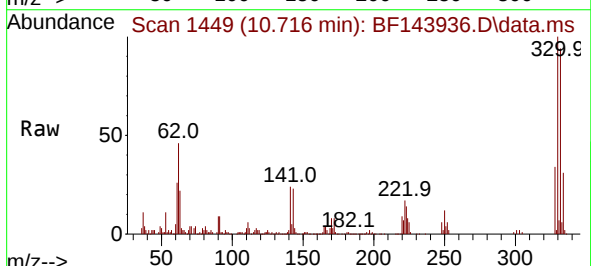
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD



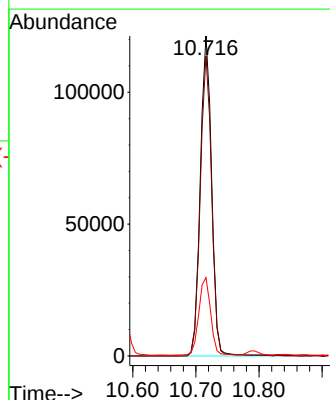
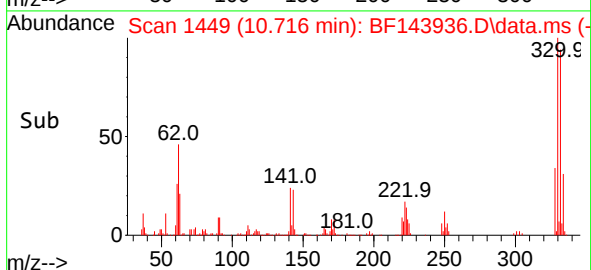
Tgt Ion:237 Resp: 270425
Ion Ratio Lower Upper
237 100
235 62.7 42.3 82.3
272 13.7 0.0 33.1

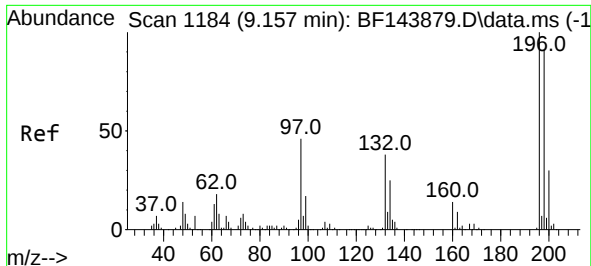


#42
2,4,6-Tribromophenol
Concen: 71.396 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03



Tgt Ion:330 Resp: 151046
Ion Ratio Lower Upper
330 100
332 93.4 76.9 115.3
141 25.0 20.2 30.4

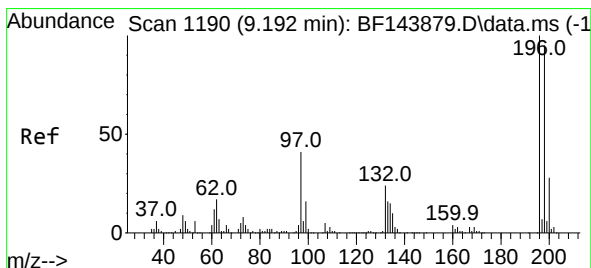
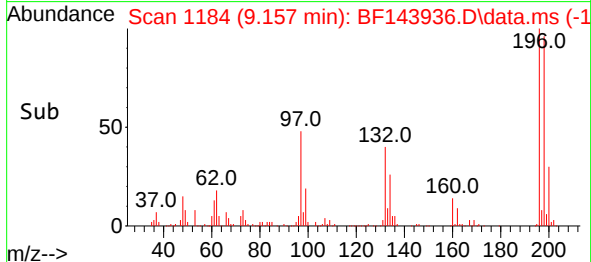
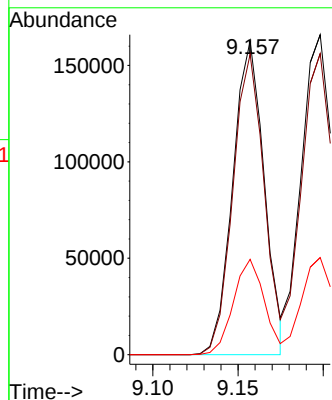
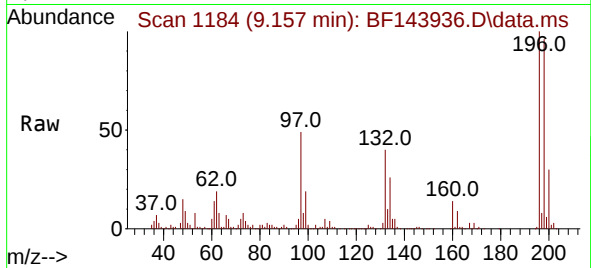




#43
2,4,6-Trichlorophenol
Concen: 48.622 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

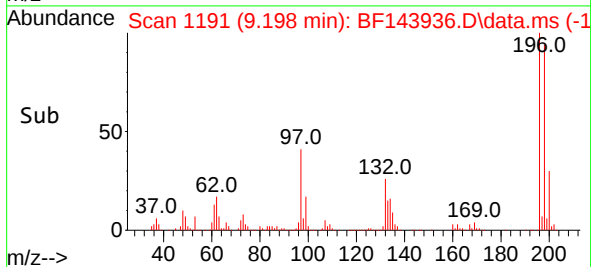
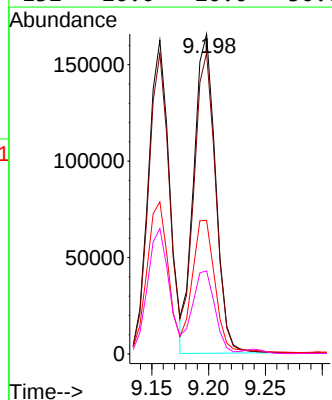
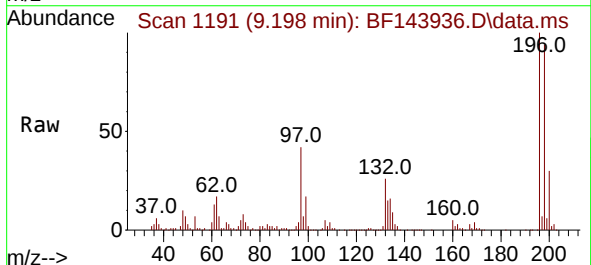
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

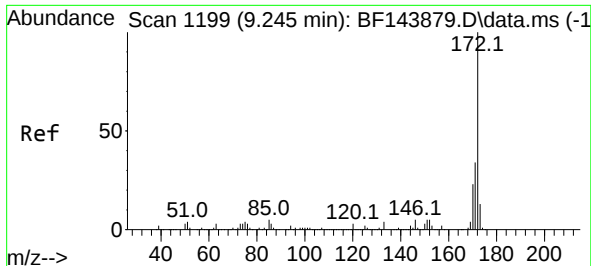
Tgt Ion:196 Resp: 208562
Ion Ratio Lower Upper
196 100
198 95.8 72.8 109.2
200 30.4 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 48.532 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:196 Resp: 219992
Ion Ratio Lower Upper
196 100
198 94.1 75.5 113.3
97 41.7 33.9 50.9
132 26.0 20.0 30.0

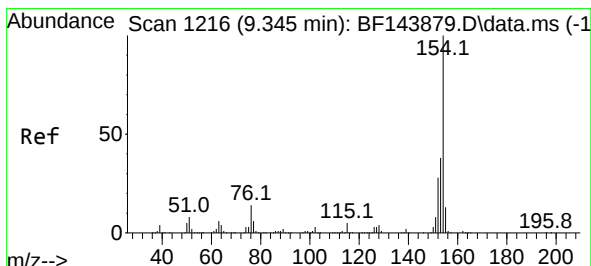
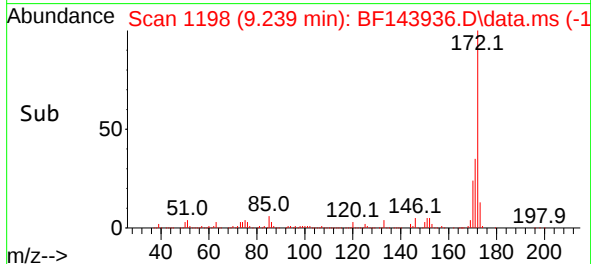
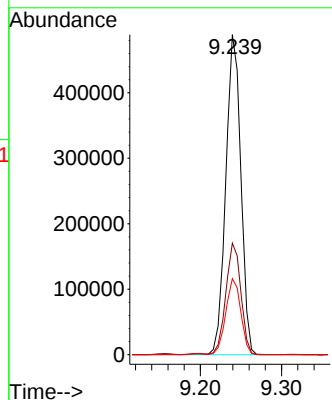
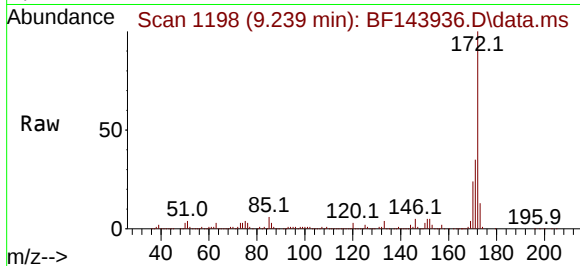




#45
2-Fluorobiphenyl
Concen: 47.077 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

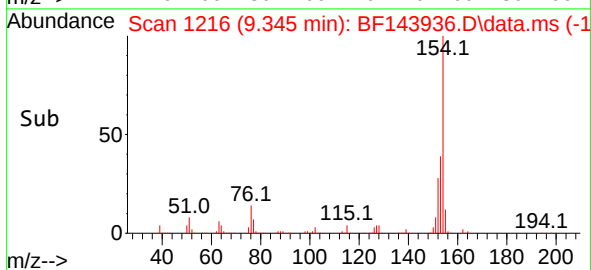
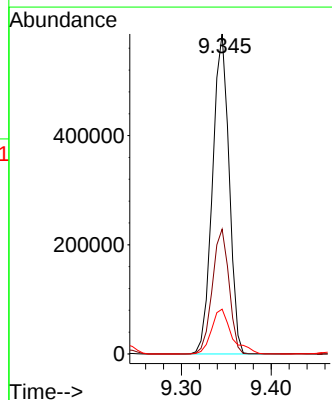
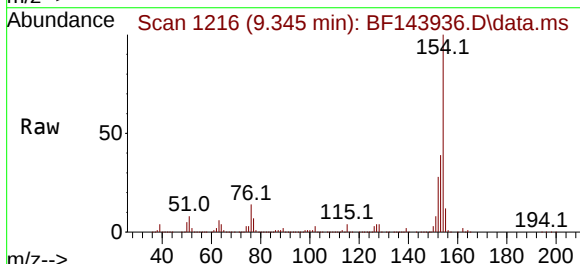
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

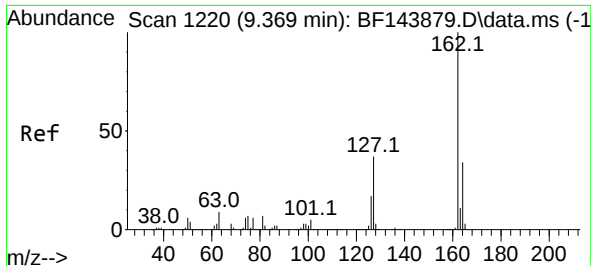
Tgt Ion:172 Resp: 630189
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 53.399 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:154 Resp: 750965
Ion Ratio Lower Upper
154 100
153 39.0 18.4 58.4
76 14.0 0.0 34.0

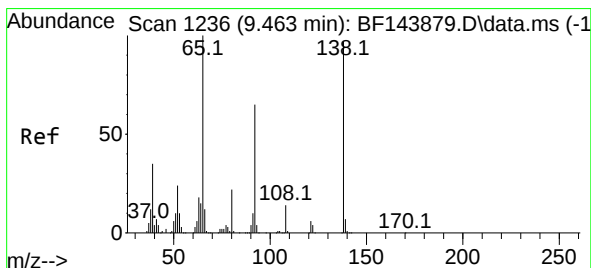
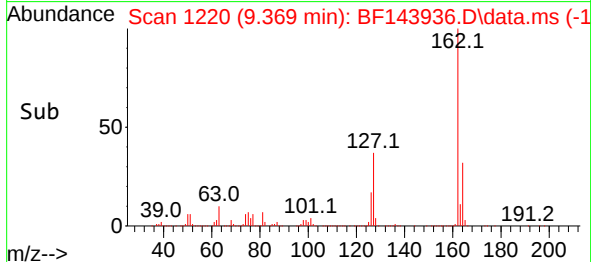
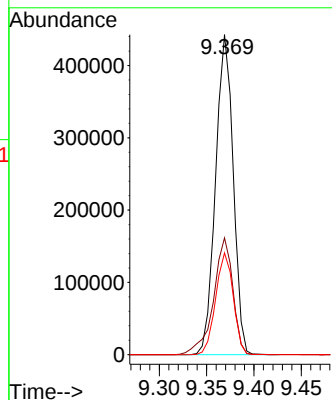
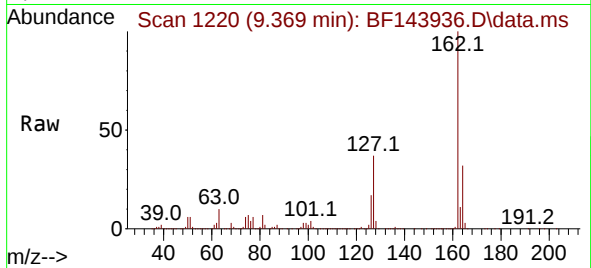




#47
2-Chloronaphthalene
Concen: 48.925 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

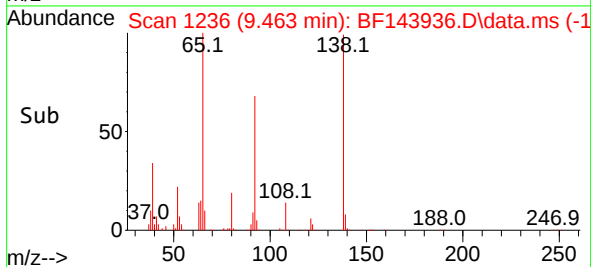
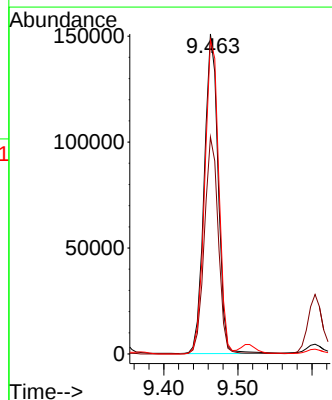
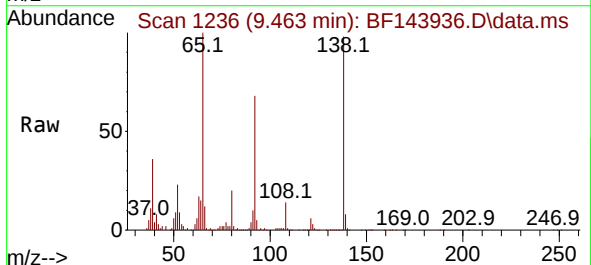
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

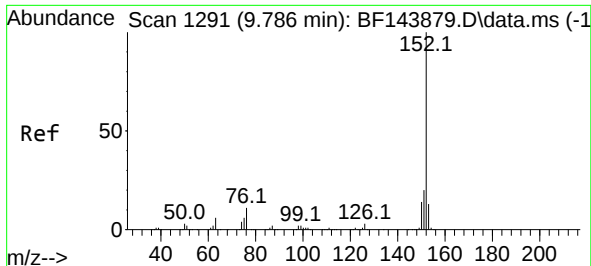
Tgt Ion:162 Resp: 573659
Ion Ratio Lower Upper
162 100
127 36.5 30.2 45.2
164 31.8 26.9 40.3



#48
2-Nitroaniline
Concen: 53.525 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

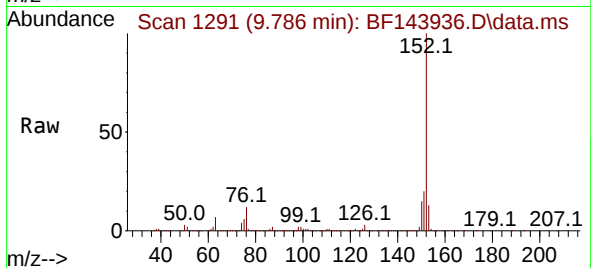
Tgt Ion: 65 Resp: 198418
Ion Ratio Lower Upper
65 100
92 67.8 52.1 78.1
138 98.2 77.4 116.2



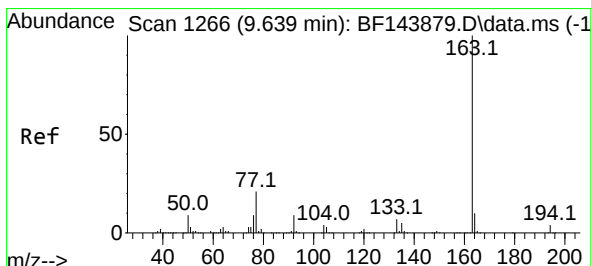
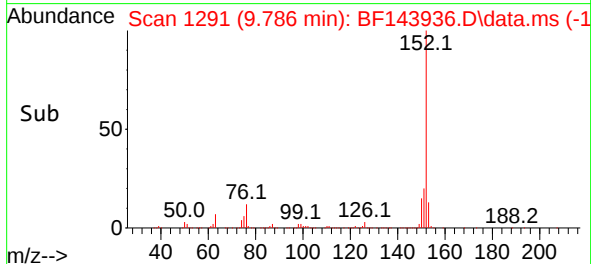
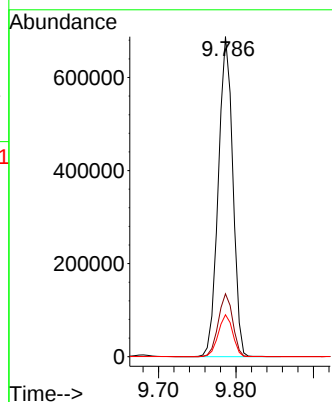


#49
Acenaphthylene
Concen: 54.079 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

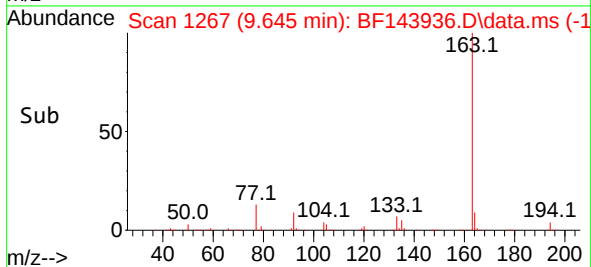
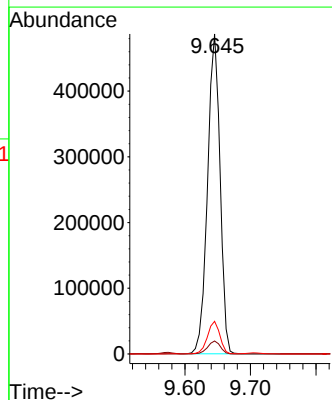
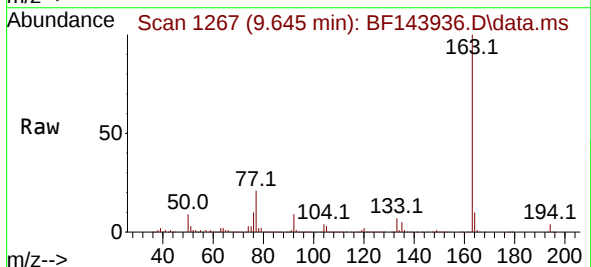


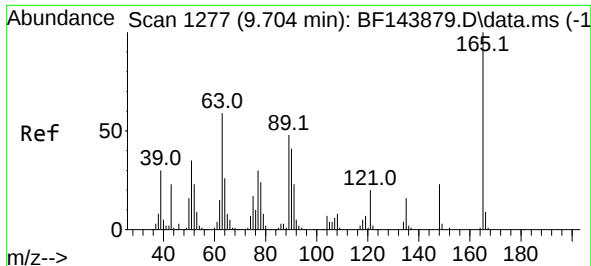
Tgt Ion:152 Resp: 891449
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.1 10.5 15.7



#50
Dimethylphthalate
Concen: 47.913 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:163 Resp: 646285
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.1 12.1

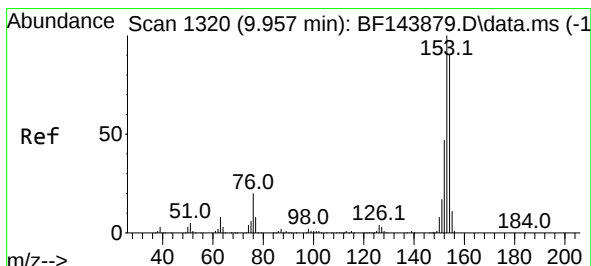
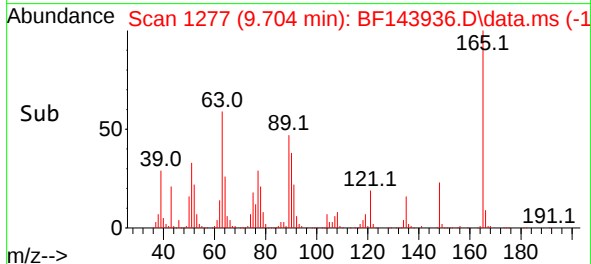
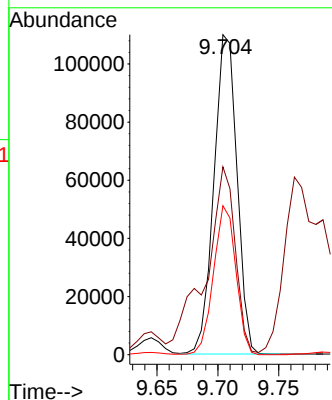
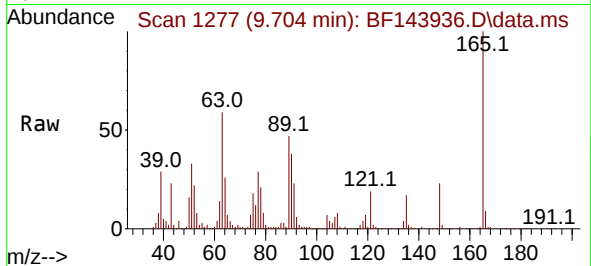




#51
2,6-Dinitrotoluene
Concen: 58.063 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

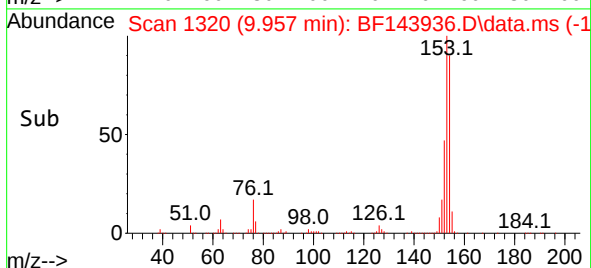
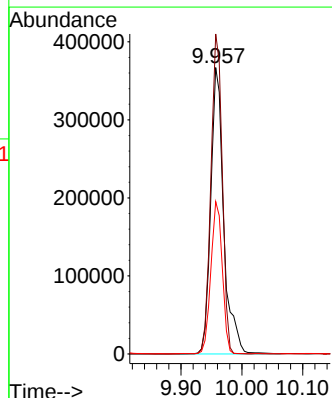
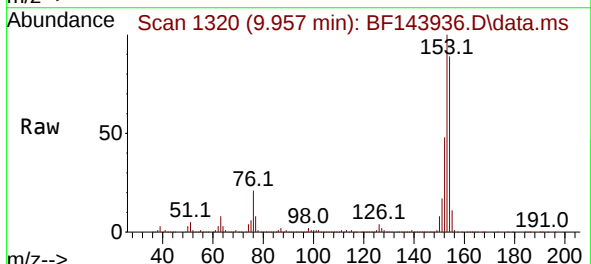
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

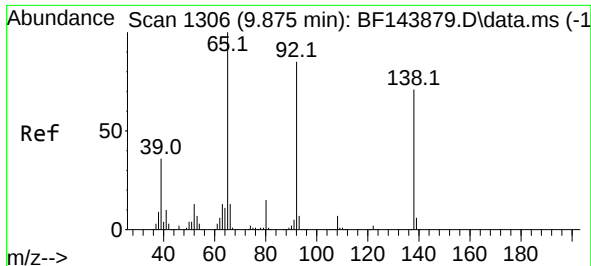
Tgt Ion:165 Resp: 145229
Ion Ratio Lower Upper
165 100
63 58.7 47.3 70.9
89 46.6 38.2 57.4



#52
Acenaphthene
Concen: 50.366 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:154 Resp: 544027
Ion Ratio Lower Upper
154 100
153 111.7 89.3 133.9
152 53.2 42.2 63.2

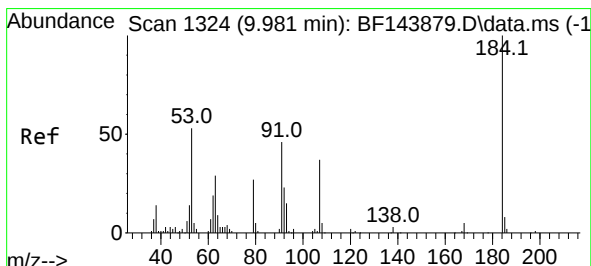
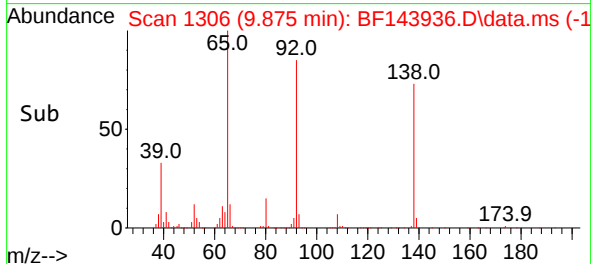
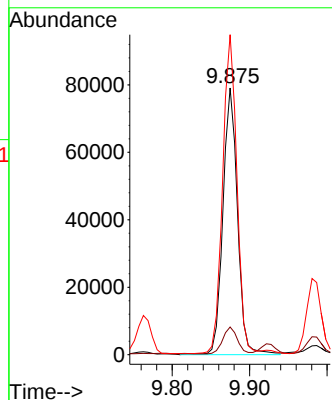
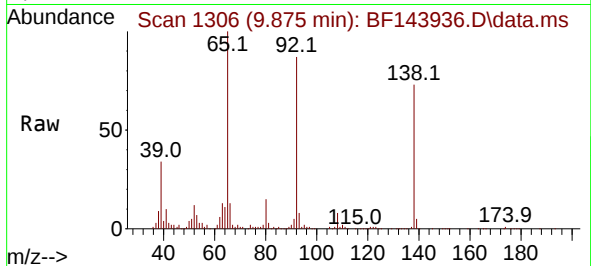




#53
3-Nitroaniline
Concen: 33.755 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

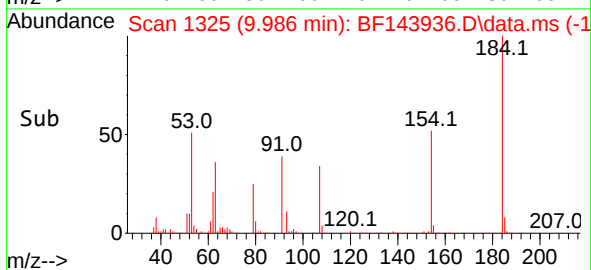
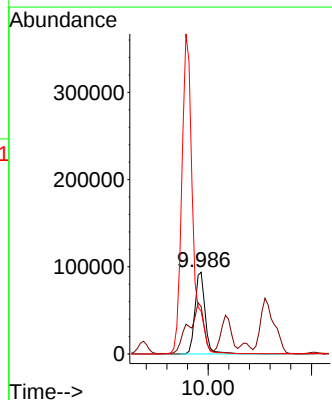
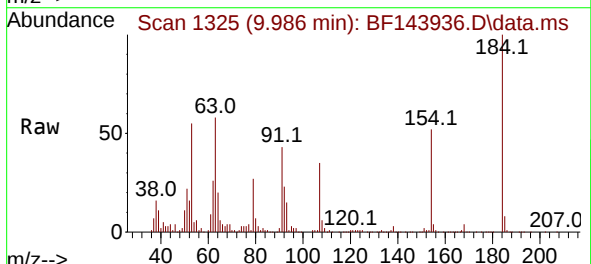
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

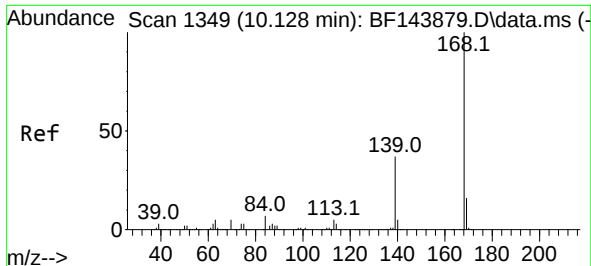
Tgt Ion:138 Resp: 103379
Ion Ratio Lower Upper
138 100
108 10.4 8.3 12.5
92 120.0 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 83.441 ng
RT: 9.986 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:184 Resp: 129241
Ion Ratio Lower Upper
184 100
63 57.8 48.2 72.4
154 52.0 49.2 73.8

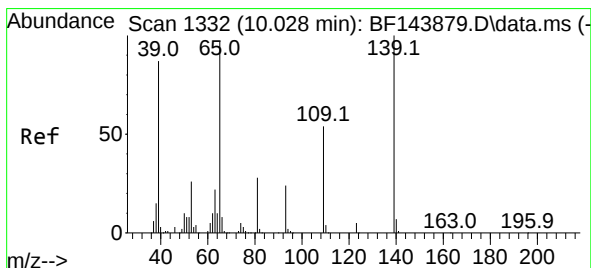
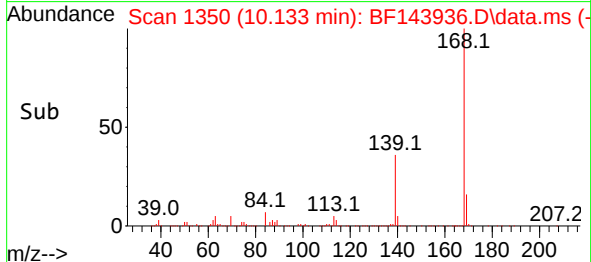
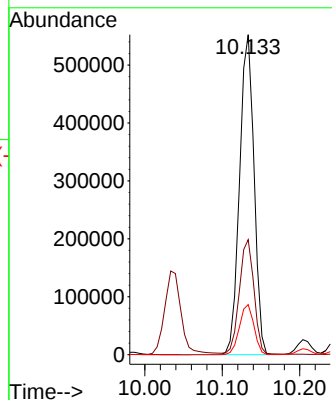
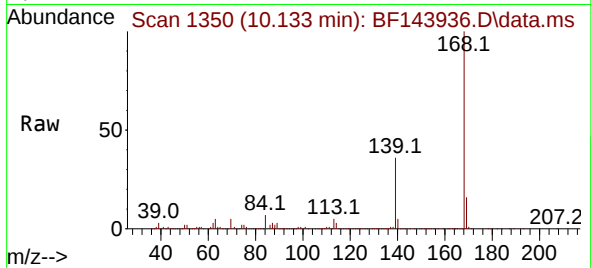




#55
Dibenzenofuran
Concen: 47.031 ng
RT: 10.133 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

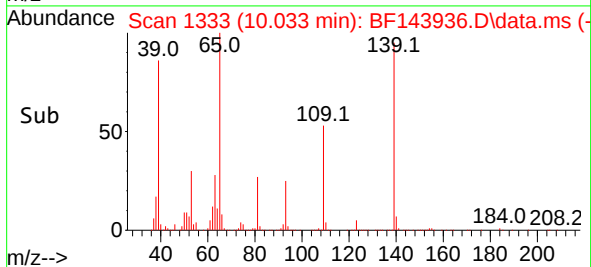
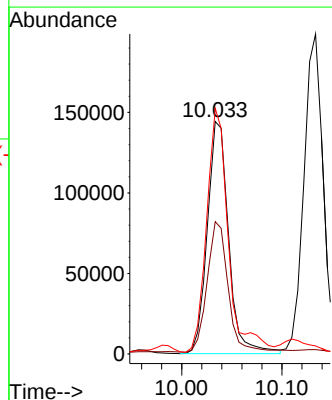
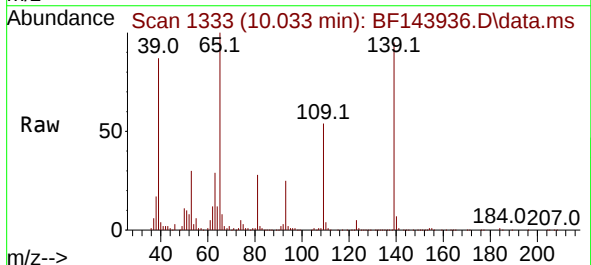
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

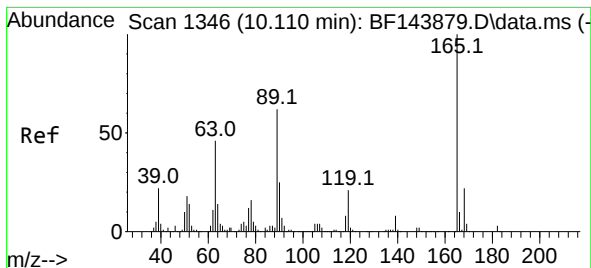
Tgt Ion:168 Resp: 717104
Ion Ratio Lower Upper
168 100
139 36.0 29.8 44.8
169 15.6 12.8 19.2



#56
4-Nitrophenol
Concen: 91.976 ng
RT: 10.033 min Scan# 1333
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:139 Resp: 213285
Ion Ratio Lower Upper
139 100
109 56.9 34.5 74.5
65 105.6 77.6 117.6

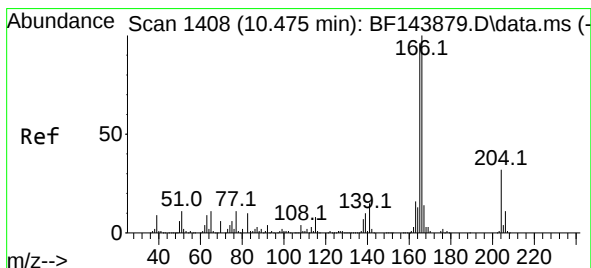
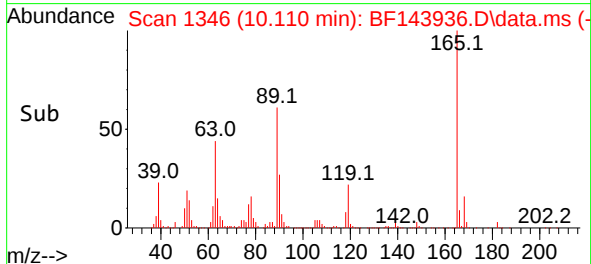
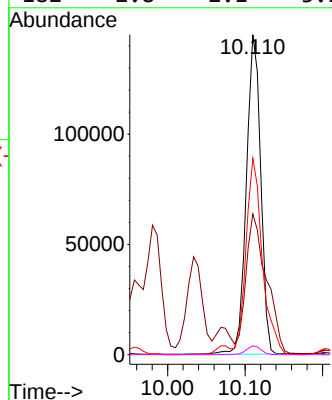
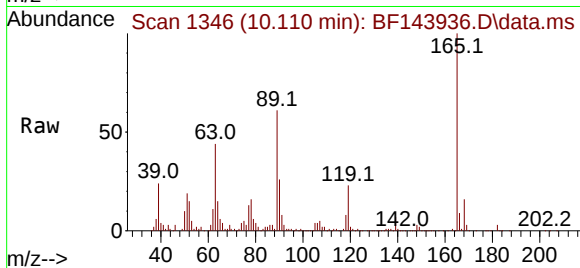




#57
2,4-Dinitrotoluene
Concen: 54.627 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

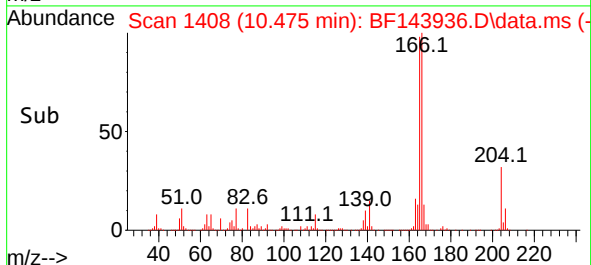
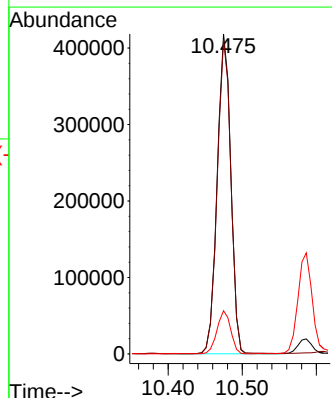
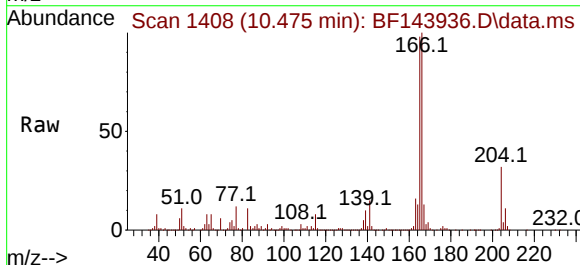
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

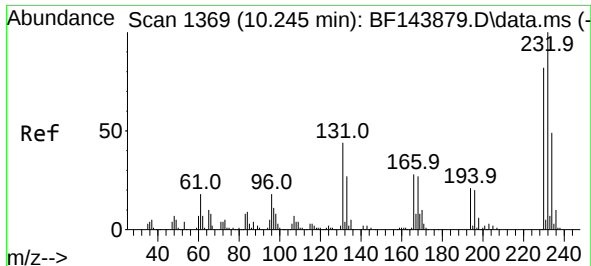
Tgt Ion:165 Resp: 185908
Ion Ratio Lower Upper
165 100
63 44.0 37.2 55.8
89 61.4 49.4 74.2
182 2.8 2.1 3.1



#58
Fluorene
Concen: 46.248 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:166 Resp: 532091
Ion Ratio Lower Upper
166 100
165 98.2 77.0 115.6
167 13.5 11.1 16.7

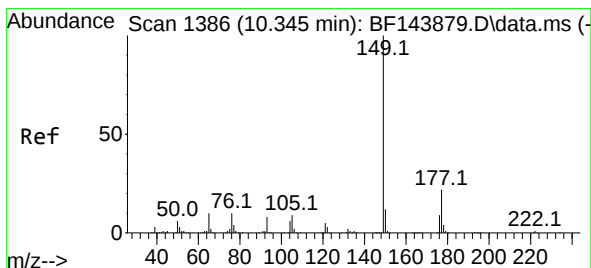
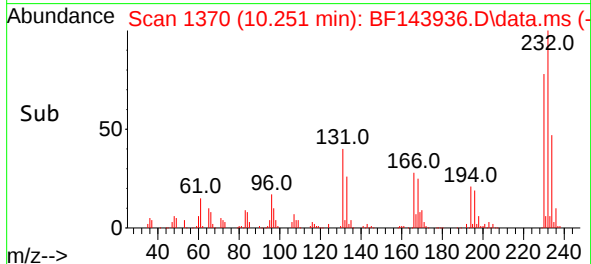
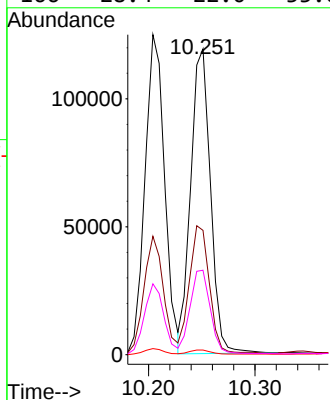
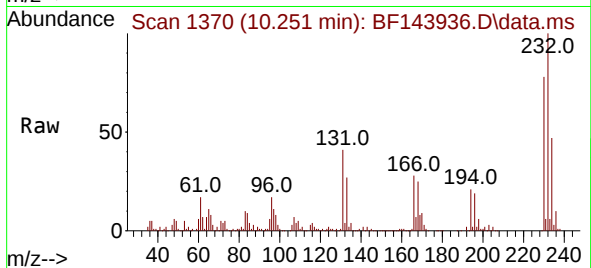




#59
2,3,4,6-Tetrachlorophenol
Concen: 48.054 ng
RT: 10.251 min Scan# 1370
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

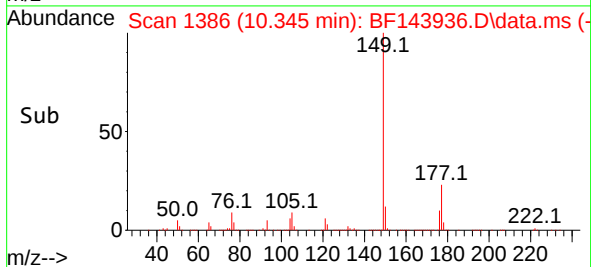
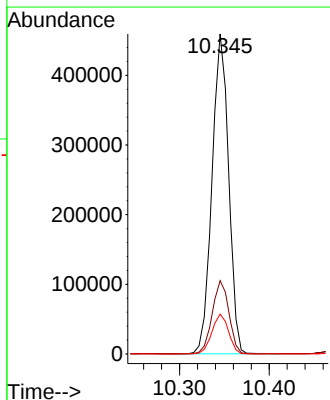
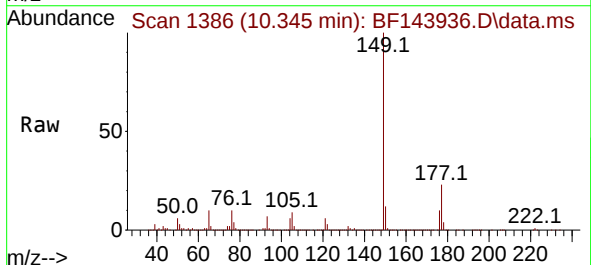
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

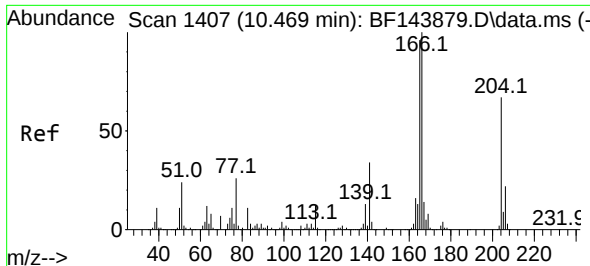
Tgt Ion:232 Resp: 154193
Ion Ratio Lower Upper
232 100
131 42.2 34.9 52.3
130 1.7 1.6 2.4
166 28.4 22.0 33.0



#60
Diethylphthalate
Concen: 47.079 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:149 Resp: 589961
Ion Ratio Lower Upper
149 100
177 22.9 17.9 26.9
150 12.5 9.8 14.8

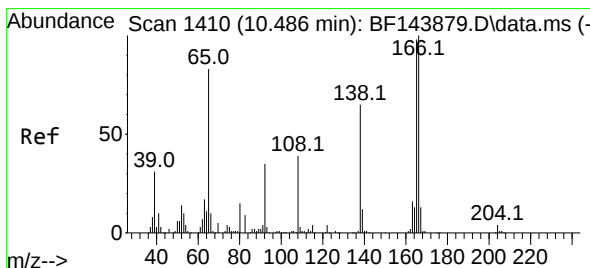
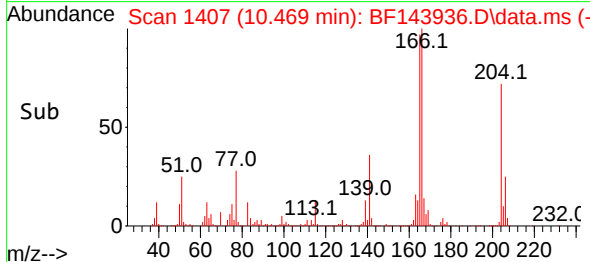
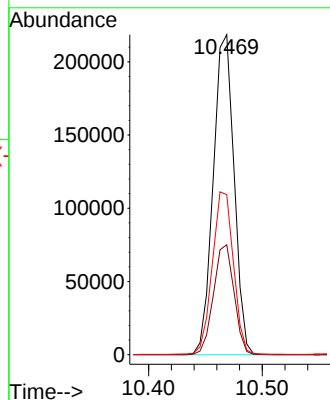
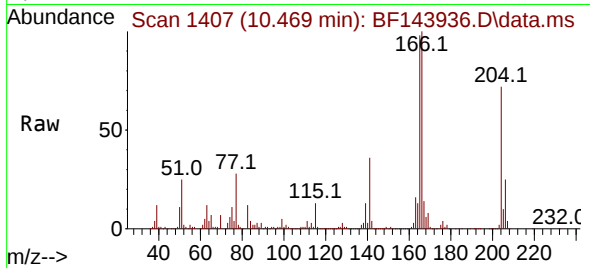




#61
4-Chlorophenyl-phenylether
Concen: 45.873 ng
RT: 10.469 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

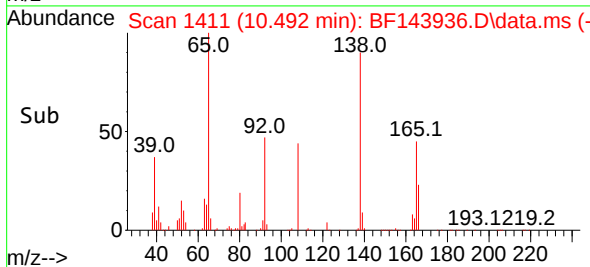
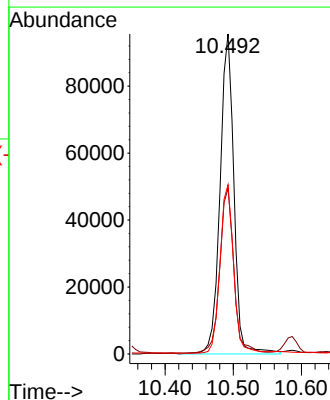
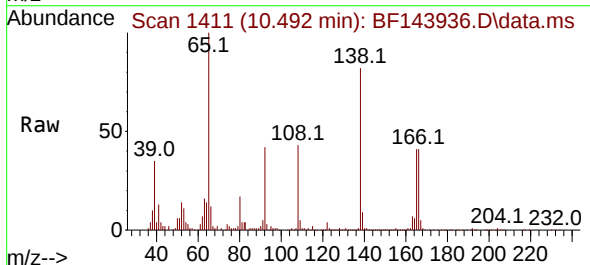
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

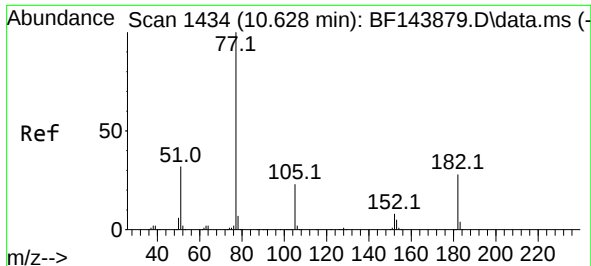
Tgt Ion:204 Resp: 279036
Ion Ratio Lower Upper
204 100
206 34.4 26.6 40.0
141 50.0 40.4 60.6



#62
4-Nitroaniline
Concen: 46.040 ng
RT: 10.492 min Scan# 1411
Delta R.T. -0.017 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:138 Resp: 135593
Ion Ratio Lower Upper
138 100
92 51.8 33.9 73.9
108 52.9 40.2 80.2

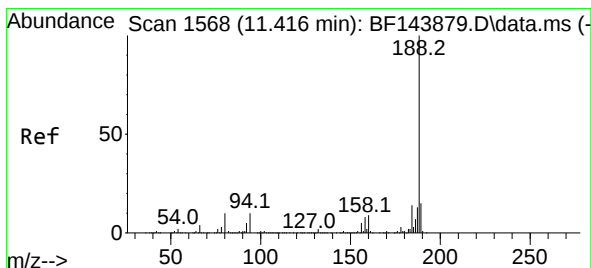
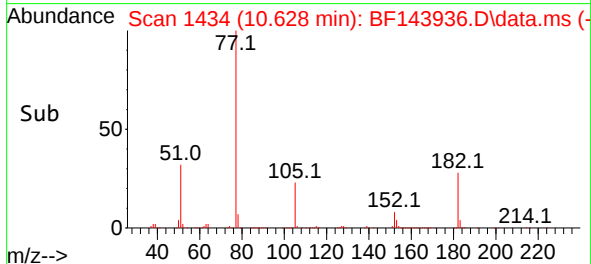
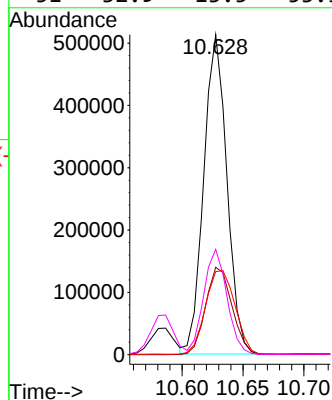
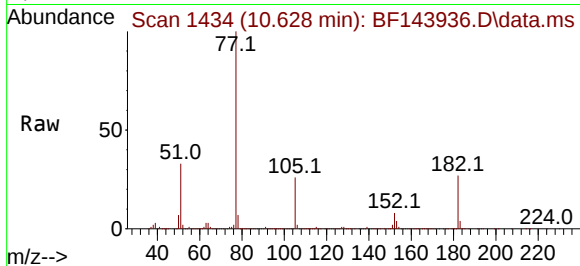




#63
Azobenzene
Concen: 51.794 ng
RT: 10.628 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

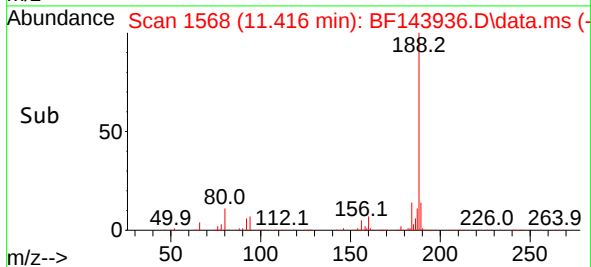
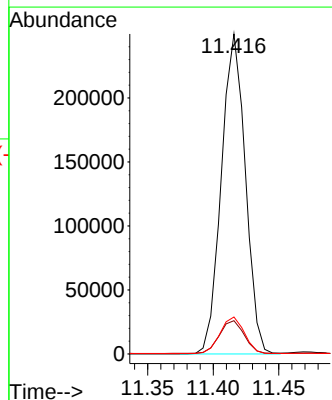
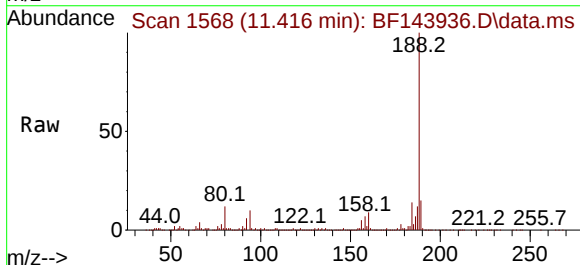
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

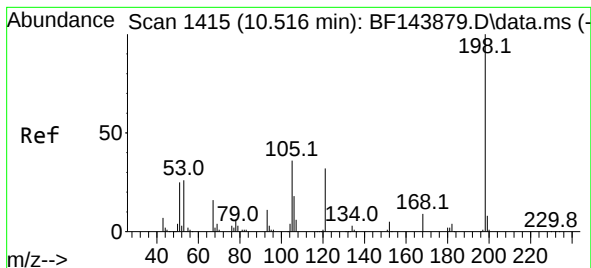
Tgt Ion:	77	Resp:	678337
Ion	Ratio	Lower	Upper
77	100		
182	27.3	7.3	47.3
105	26.0	3.0	43.0
51	32.9	13.5	53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:	188	Resp:	318280
Ion	Ratio	Lower	Upper
188	100		
94	10.4	7.8	11.6
80	11.5	7.9	11.9

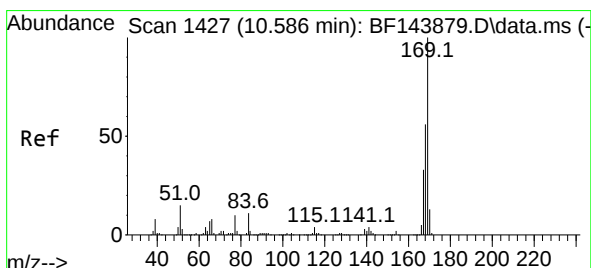
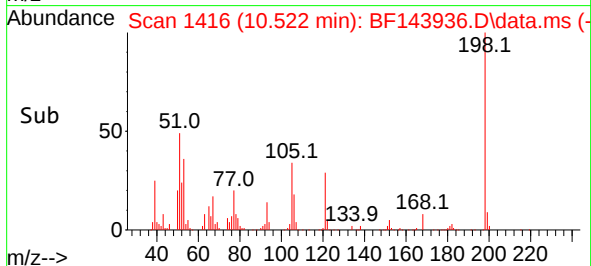
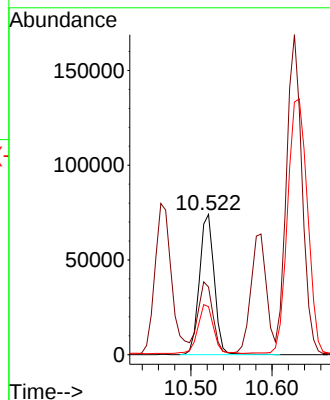
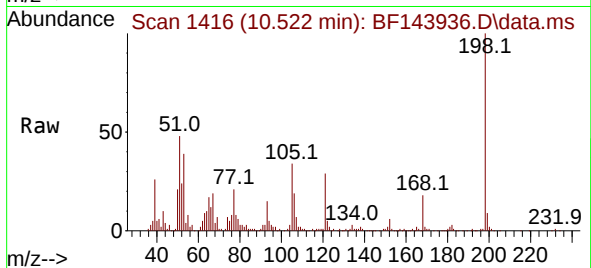




#65
4,6-Dinitro-2-methylphenol
Concen: 58.839 ng
RT: 10.522 min Scan# 1416
Delta R.T. -0.012 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

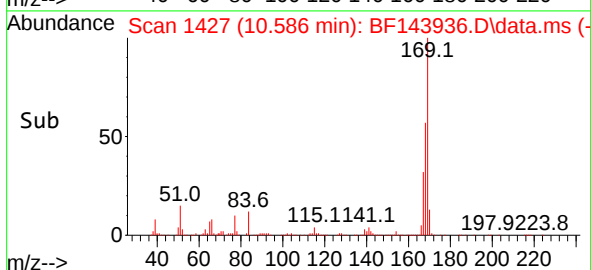
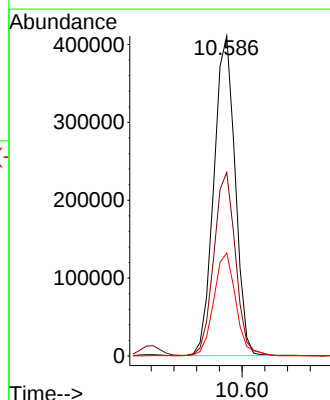
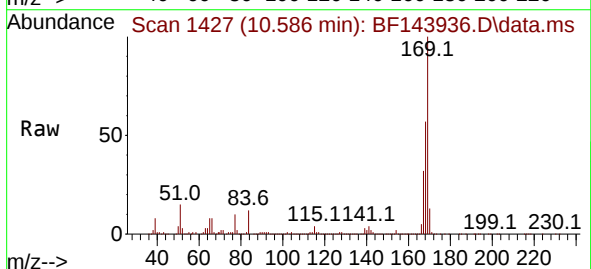
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

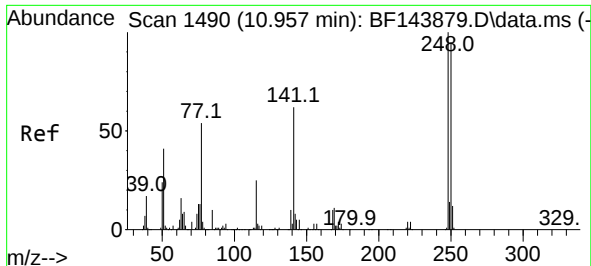
Tgt Ion:198 Resp: 94109
Ion Ratio Lower Upper
198 100
51 48.2 33.8 73.8
105 34.2 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 53.455 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:169 Resp: 534214
Ion Ratio Lower Upper
169 100
168 57.3 44.9 67.3
167 32.2 26.3 39.5

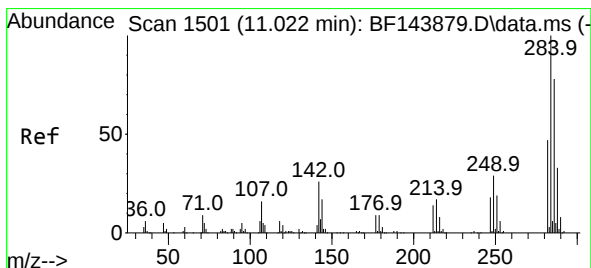
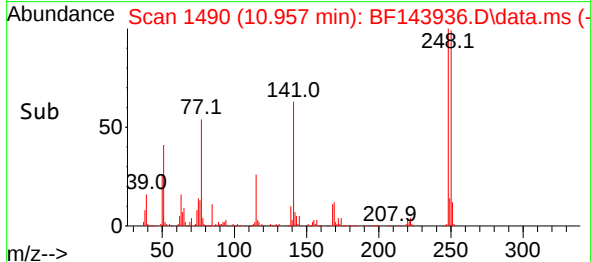
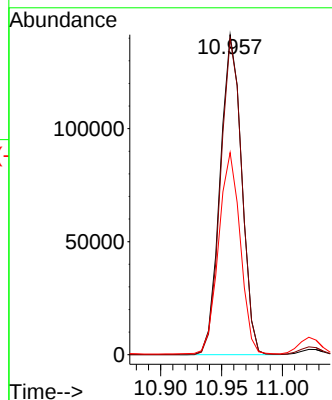
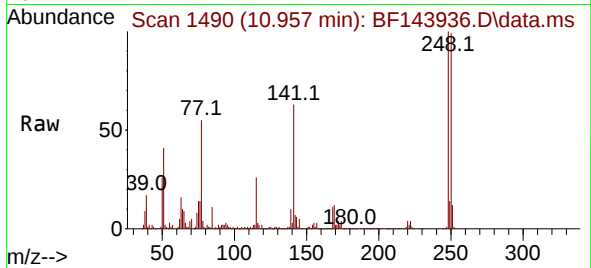




#67
4-Bromophenyl-phenylether
Concen: 49.679 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

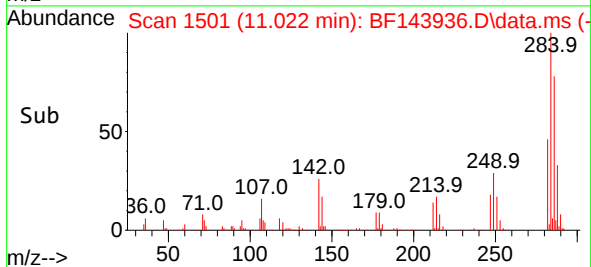
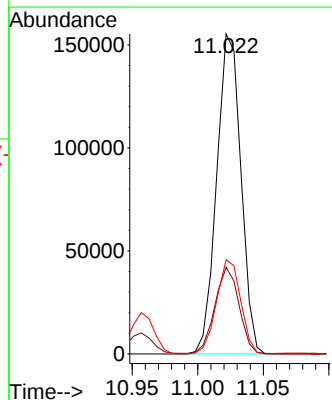
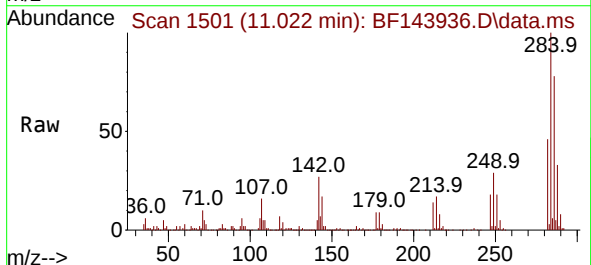
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

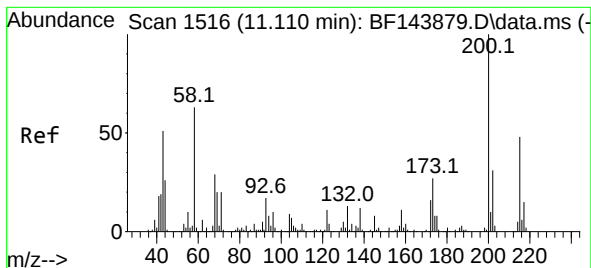
Tgt Ion:248 Resp: 174746
Ion Ratio Lower Upper
248 100
250 98.8 76.3 114.5
141 63.1 49.7 74.5



#68
Hexachlorobenzene
Concen: 48.901 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:284 Resp: 199135
Ion Ratio Lower Upper
284 100
142 27.0 20.6 30.8
249 29.4 23.2 34.8





#69

Atrazine

Concen: 52.014 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

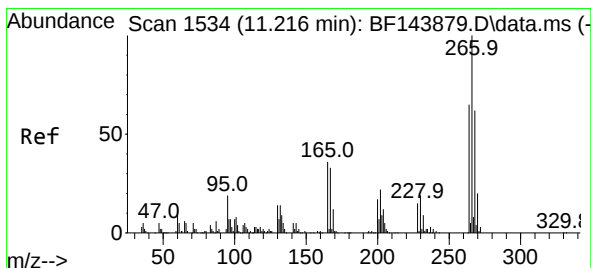
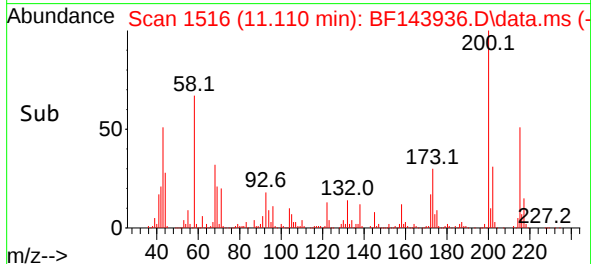
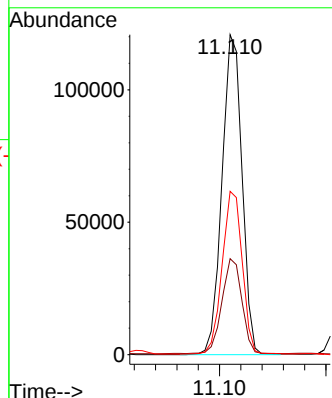
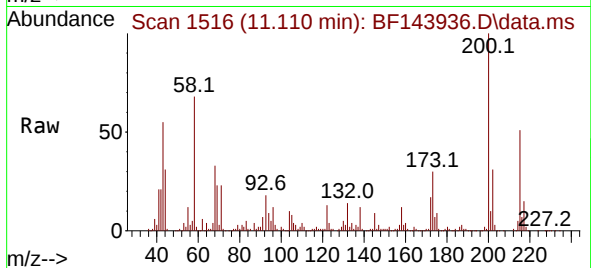
Tgt Ion:200 Resp: 157552

Ion Ratio Lower Upper

200 100

173 30.0 7.0 47.0

215 51.1 27.8 67.8



#70

Pentachlorophenol

Concen: 90.560 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

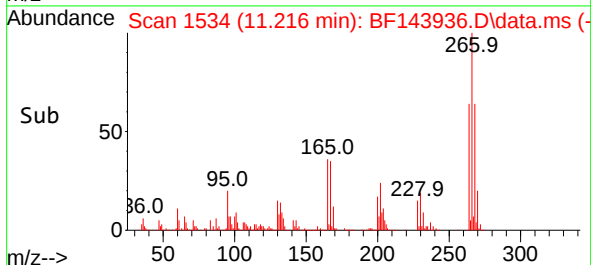
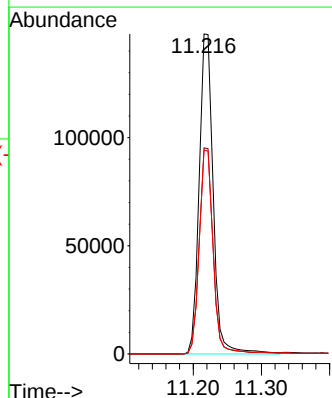
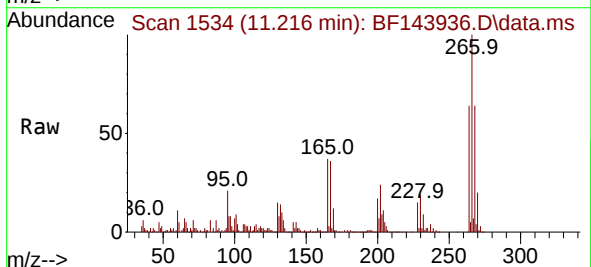
Tgt Ion:266 Resp: 211801

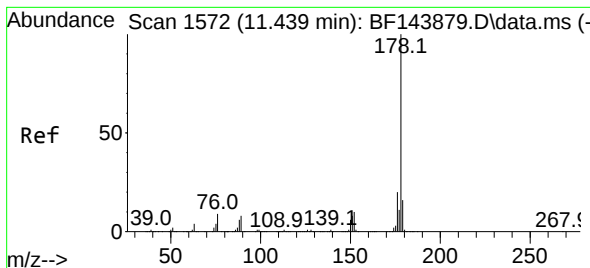
Ion Ratio Lower Upper

266 100

268 64.4 49.4 74.0

264 63.7 51.8 77.6





#71

Phenanthrene

Concen: 50.163 ng

RT: 11.439 min Scan# 1572

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

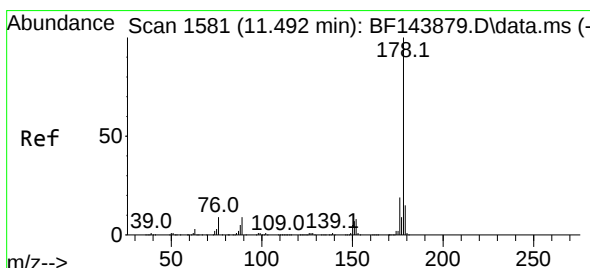
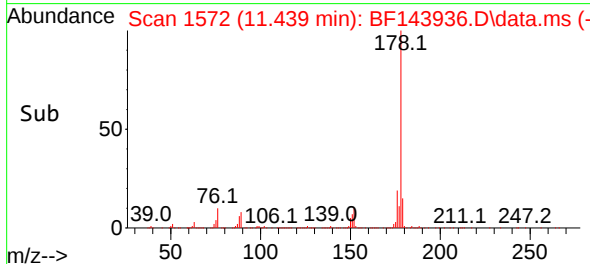
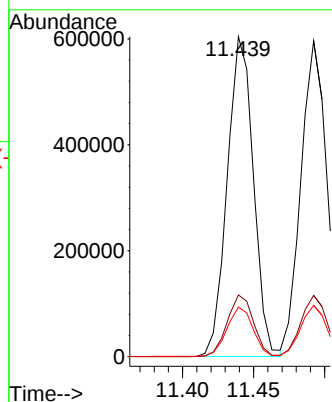
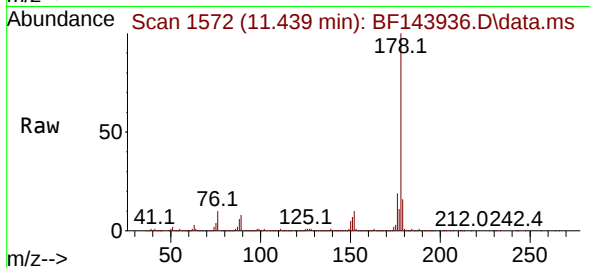
Tgt Ion:178 Resp: 774037

Ion Ratio Lower Upper

178 100

176 19.3 15.9 23.9

179 15.5 12.4 18.6



#72

Anthracene

Concen: 48.221 ng

RT: 11.492 min Scan# 1581

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

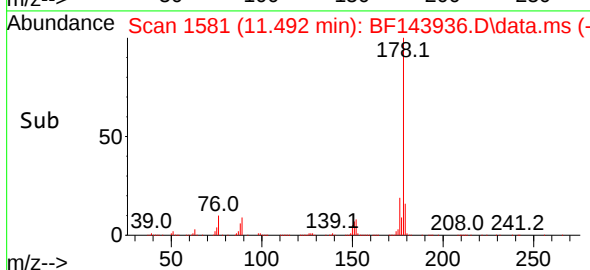
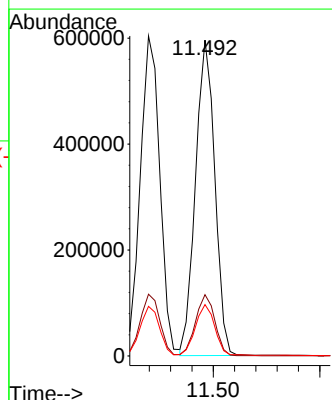
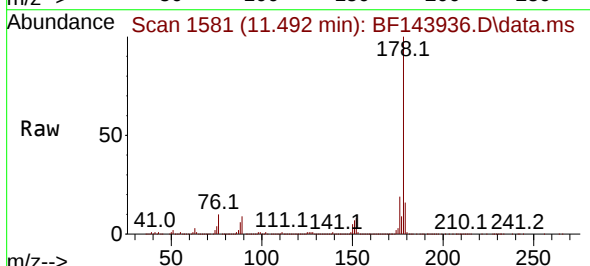
Tgt Ion:178 Resp: 751677

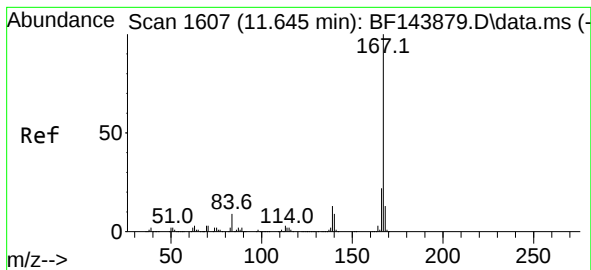
Ion Ratio Lower Upper

178 100

176 19.4 14.9 22.3

179 16.3 12.2 18.2





#73

Carbazole

Concen: 48.262 ng

RT: 11.645 min Scan# 1607

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

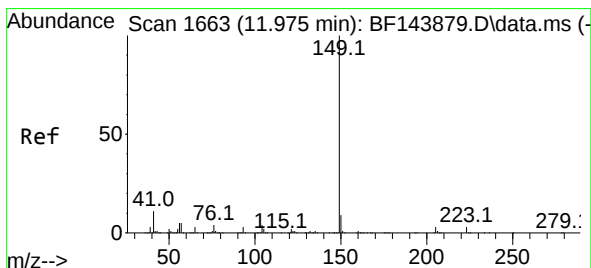
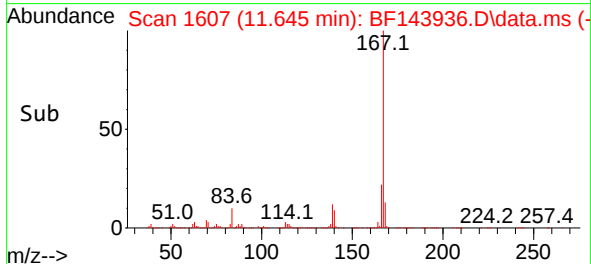
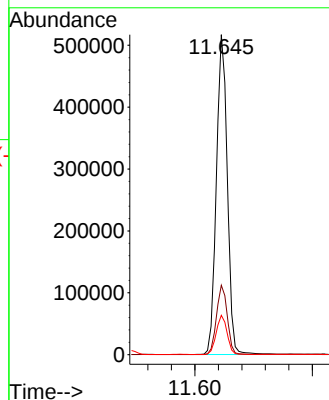
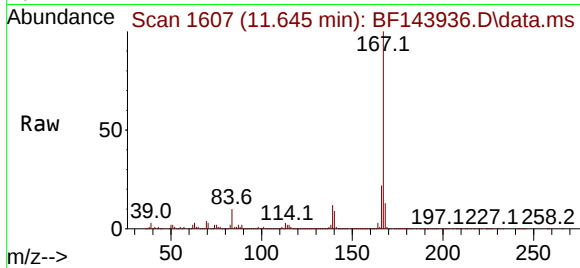
Tgt Ion:167 Resp: 666309

Ion Ratio Lower Upper

167 100

166 21.7 17.2 25.8

139 12.3 10.1 15.1



#74

Di-n-butylphthalate

Concen: 50.381 ng

RT: 11.975 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

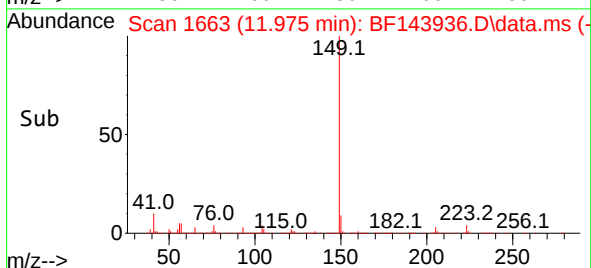
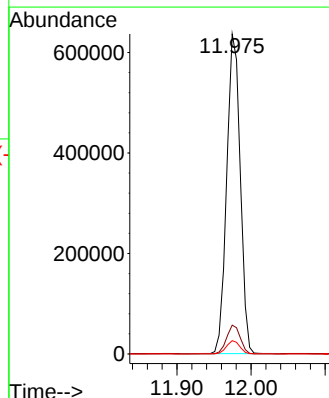
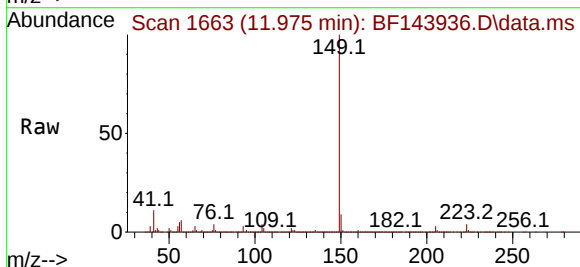
Tgt Ion:149 Resp: 806141

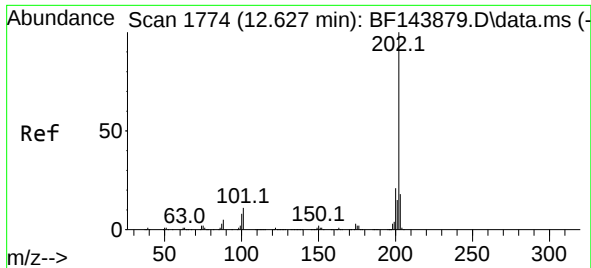
Ion Ratio Lower Upper

149 100

150 9.0 7.4 11.2

104 4.2 3.4 5.2

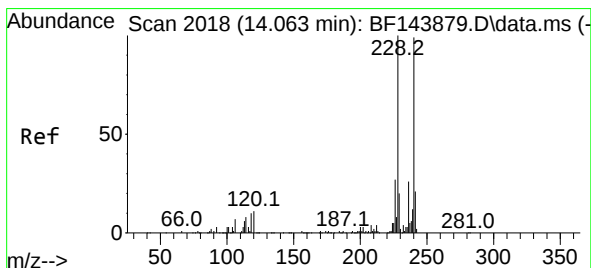
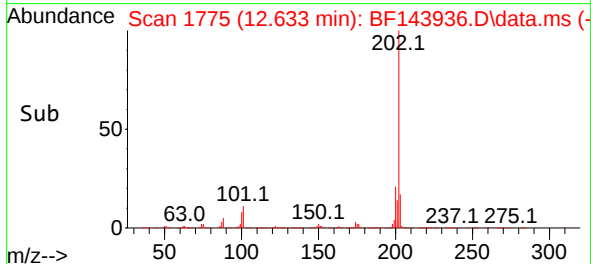
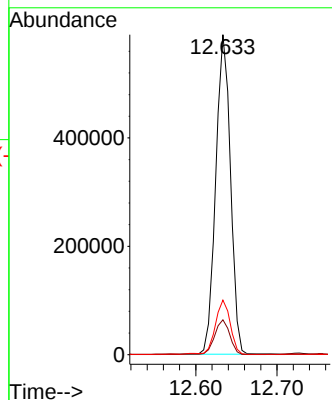
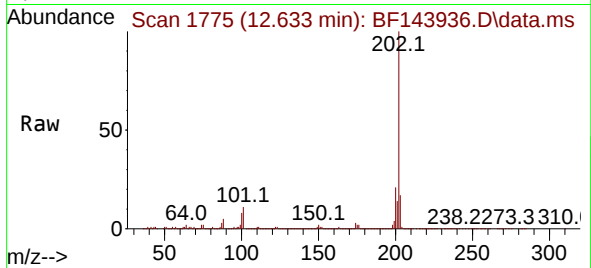




#75
Fluoranthene
Concen: 46.592 ng
RT: 12.633 min Scan# 1775
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

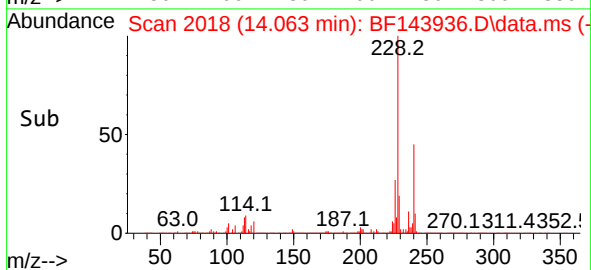
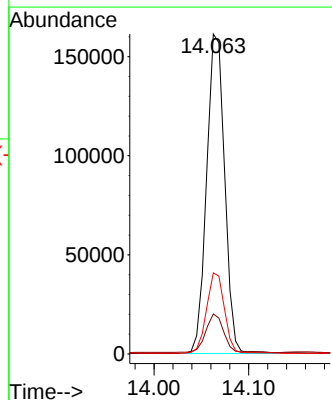
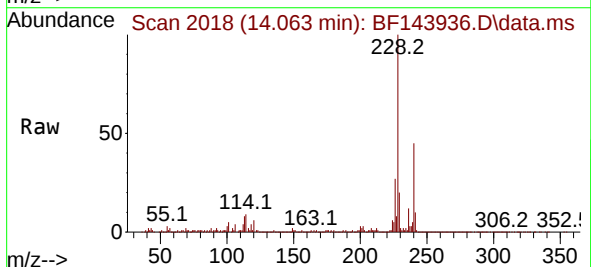
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

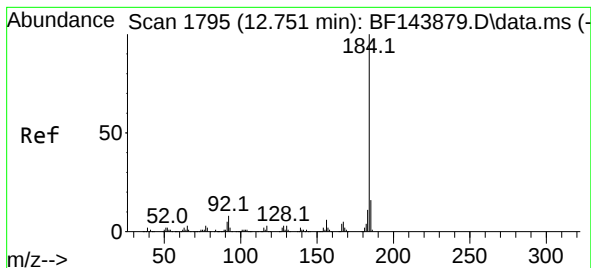
Tgt Ion:202 Resp: 742601
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.1 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 2018
Delta R.T. -0.005 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:240 Resp: 214097
Ion Ratio Lower Upper
240 100
120 12.5 8.6 13.0
236 25.4 21.1 31.7





#77

Benzidine

Concen: 41.743 ng

RT: 12.757 min Scan# 1796

Delta R.T. -0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

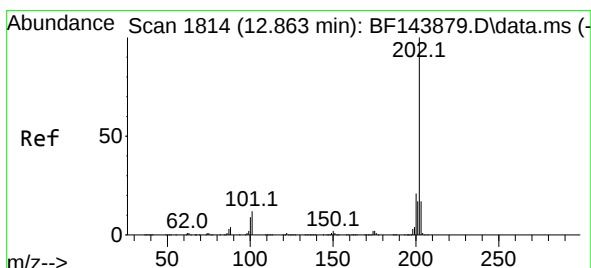
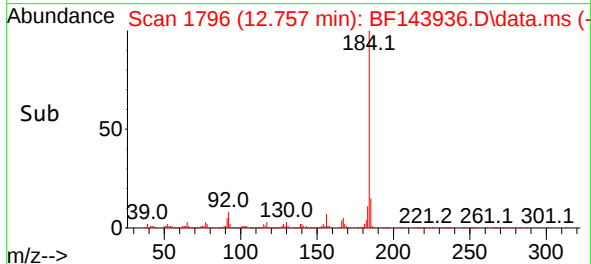
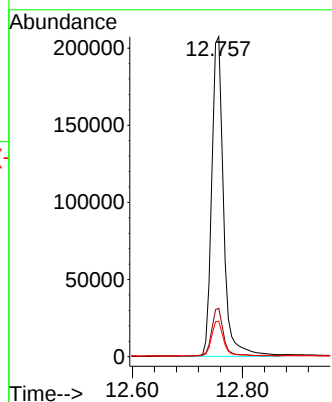
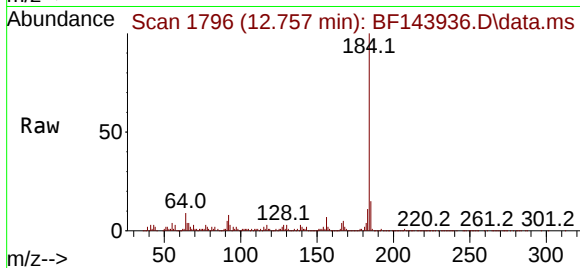
Tgt Ion:184 Resp: 310318

Ion Ratio Lower Upper

184 100

185 15.1 12.6 18.8

183 11.1 8.8 13.2



#78

Pyrene

Concen: 42.336 ng

RT: 12.863 min Scan# 1814

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

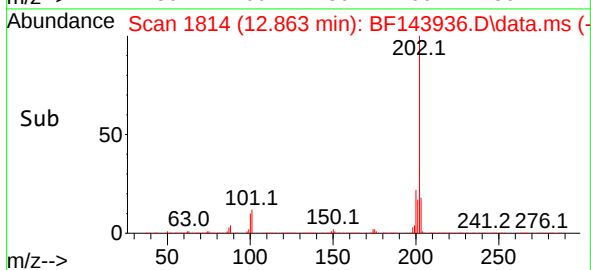
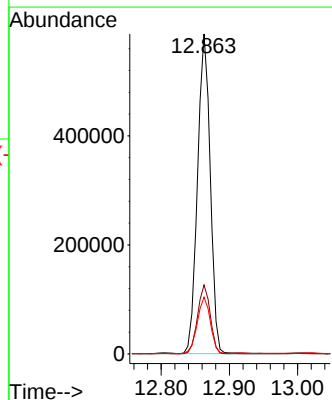
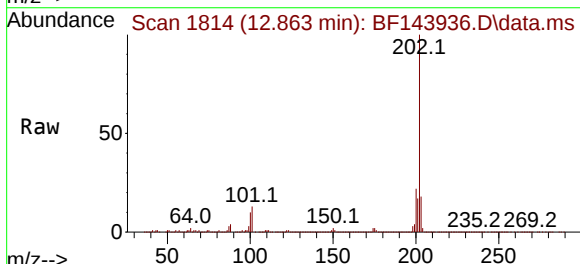
Tgt Ion:202 Resp: 755659

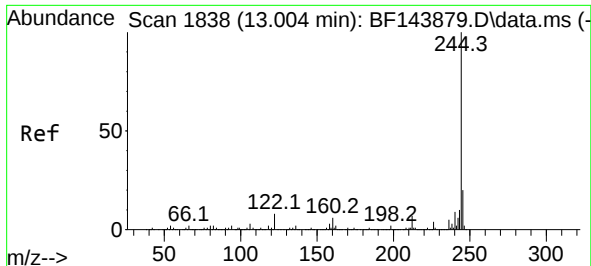
Ion Ratio Lower Upper

202 100

200 21.5 17.0 25.6

203 17.8 13.8 20.6

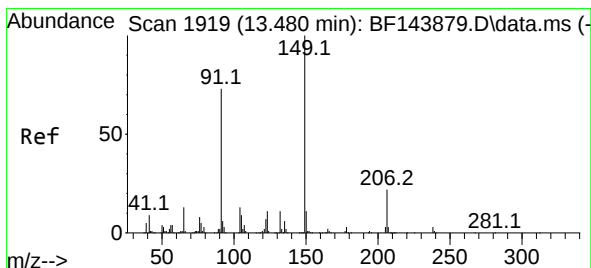
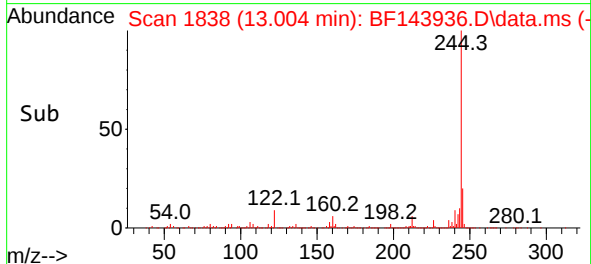
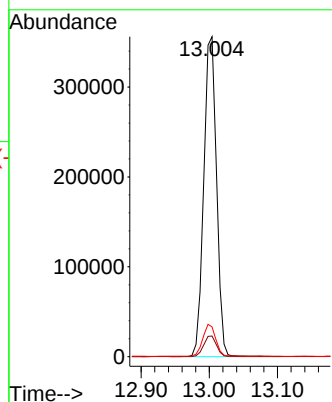
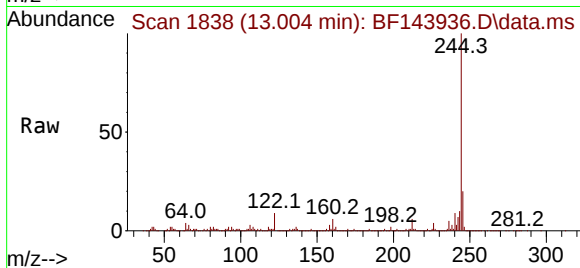




#79
 Terphenyl-d14
 Concen: 37.105 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143936.D
 Acq: 13 Oct 2025 17:03

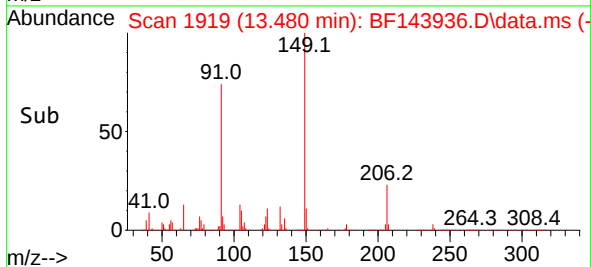
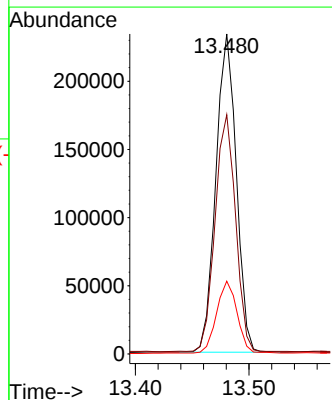
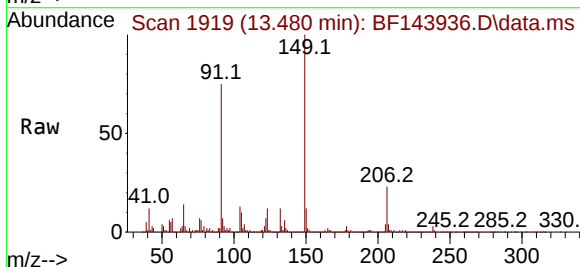
Instrument :
 BNA_F
 ClientSampleId :
 SED-04-0-2MSD

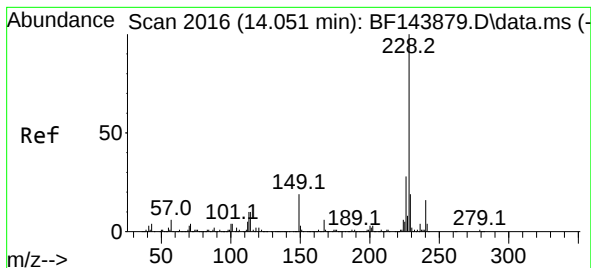
Tgt Ion:	244	Resp:	464819
Ion Ratio	Lower	Upper	
244	100		
212	6.4	5.4	8.0
122	9.3	6.4	9.6



#80
 Butylbenzylphthalate
 Concen: 50.266 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143936.D
 Acq: 13 Oct 2025 17:03

Tgt Ion:	149	Resp:	291381
Ion Ratio	Lower	Upper	
149	100		
91	74.8	58.2	87.2
206	22.7	17.9	26.9





#81

Benzo(a)anthracene

Concen: 53.588 ng

RT: 14.057 min Scan# 2016

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

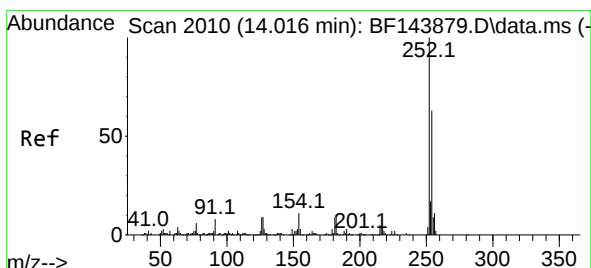
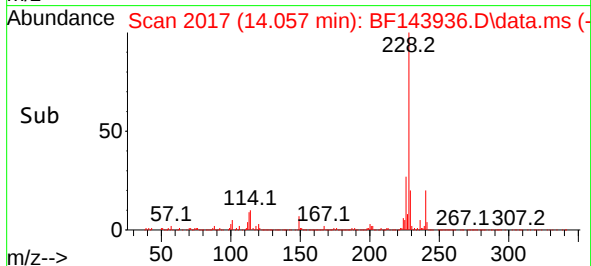
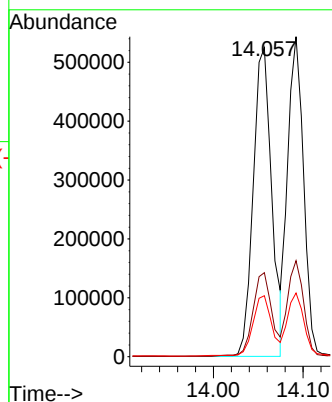
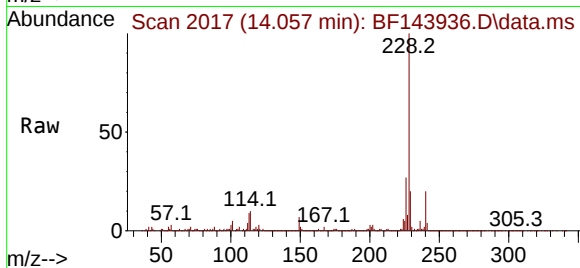
Tgt Ion:228 Resp: 750807

Ion Ratio Lower Upper

228 100

226 27.2 22.2 33.2

229 19.7 15.6 23.4



#82

3,3'-Dichlorobenzidine

Concen: 38.318 ng

RT: 14.016 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

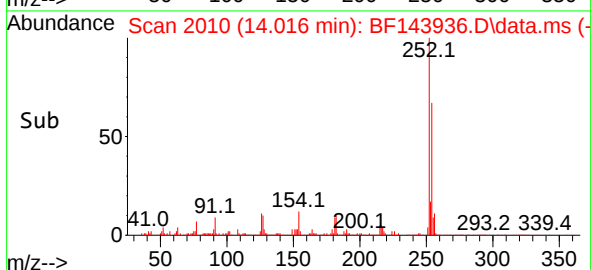
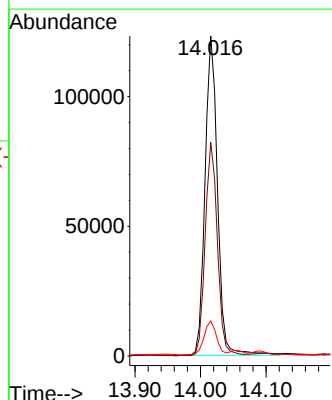
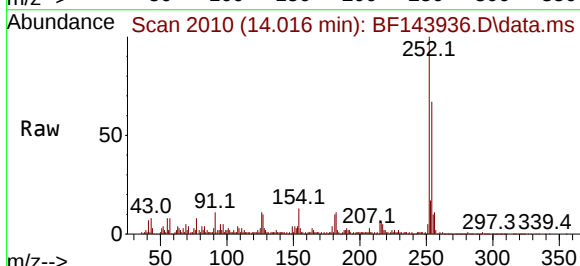
Tgt Ion:252 Resp: 163606

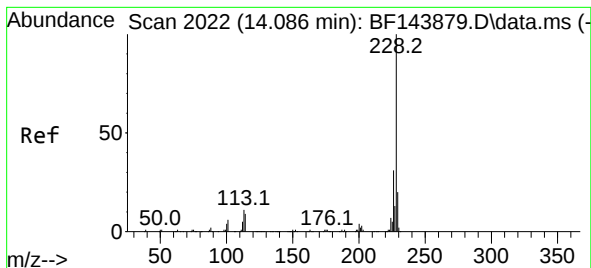
Ion Ratio Lower Upper

252 100

254 66.8 50.6 76.0

126 11.0 7.0 10.6#





#83

Chrysene

Concen: 51.127 ng

RT: 14.092 min Scan# 2022

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

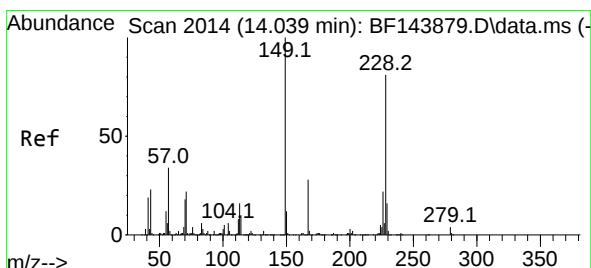
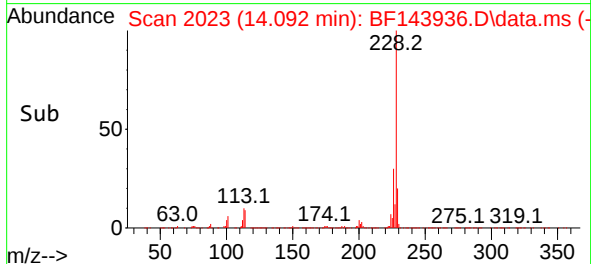
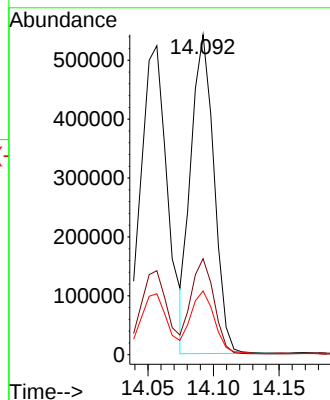
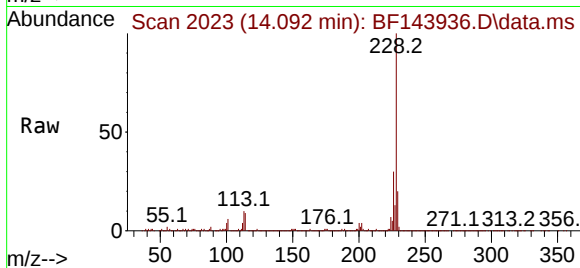
Tgt Ion:228 Resp: 662977

Ion Ratio Lower Upper

228 100

226 30.0 24.4 36.6

229 19.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 56.745 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

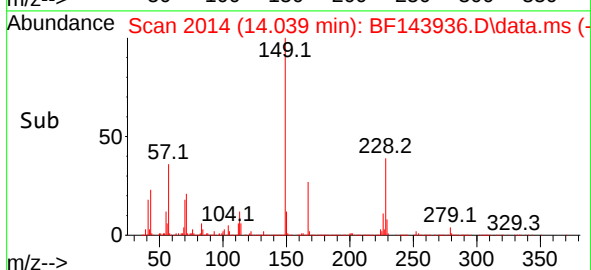
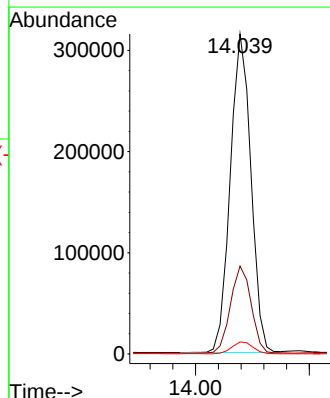
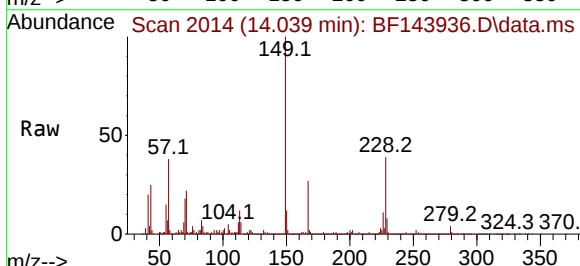
Tgt Ion:149 Resp: 396516

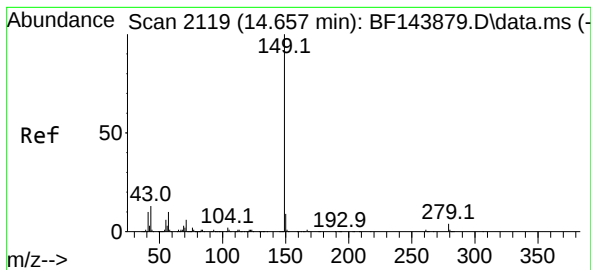
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 3.7 3.1 4.7

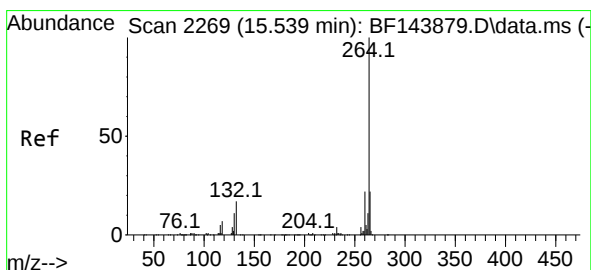
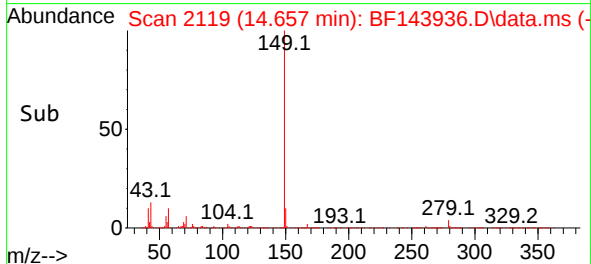
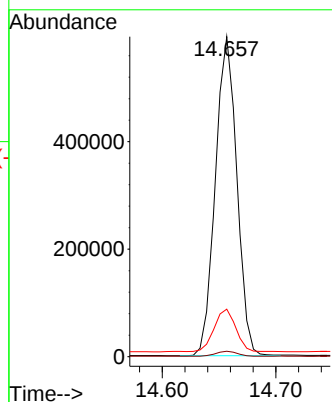
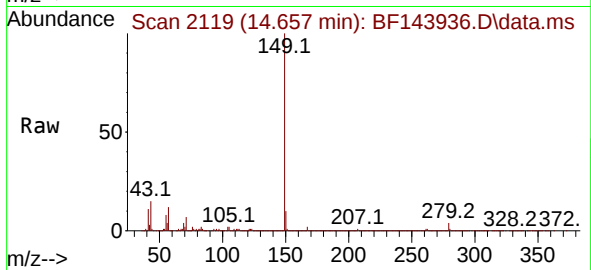




#85
Di-n-octyl phthalate
Concen: 68.024 ng
RT: 14.657 min Scan# 2119
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

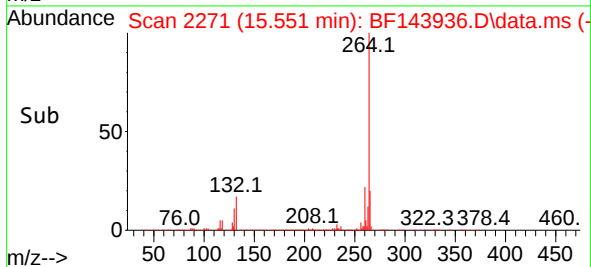
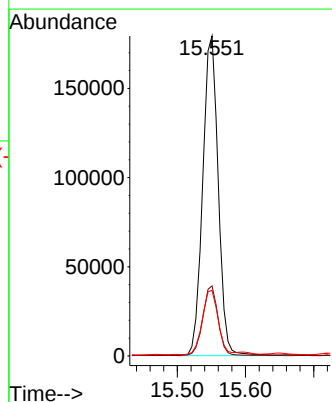
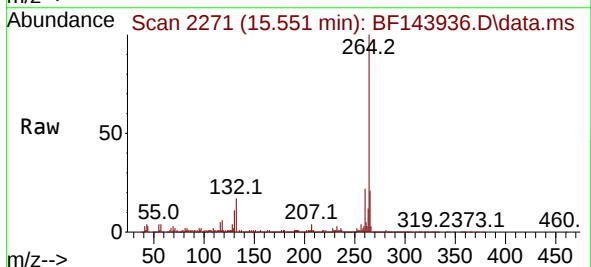
Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

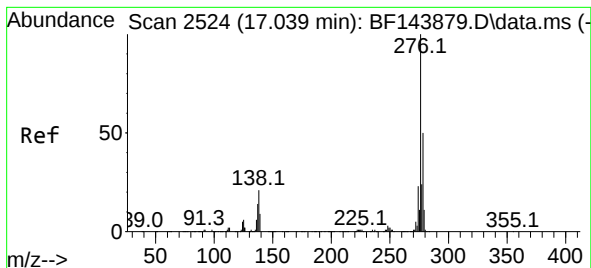
Tgt Ion:149 Resp: 780708
Ion Ratio Lower Upper
149 100
167 1.6 1.1 1.7
43 14.0 11.0 16.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2271
Delta R.T. 0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:264 Resp: 282828
Ion Ratio Lower Upper
264 100
260 21.9 17.8 26.8
265 20.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.994 ng

RT: 17.057 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

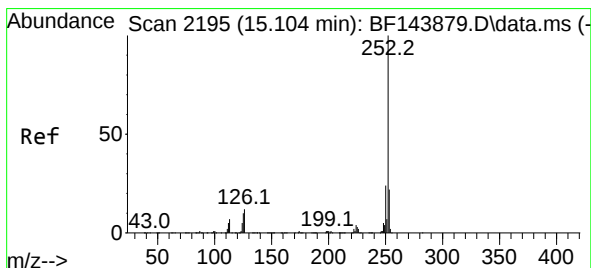
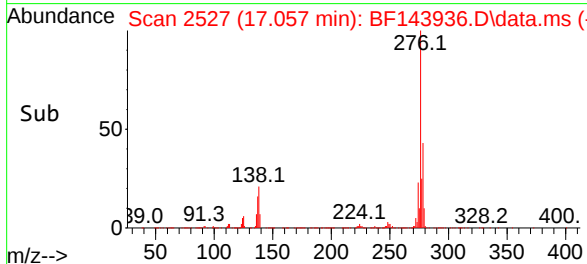
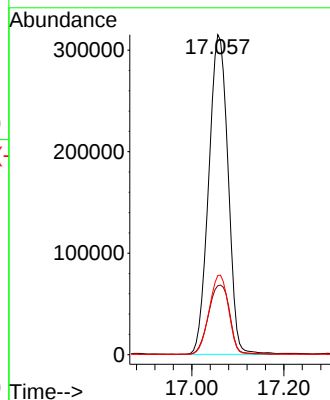
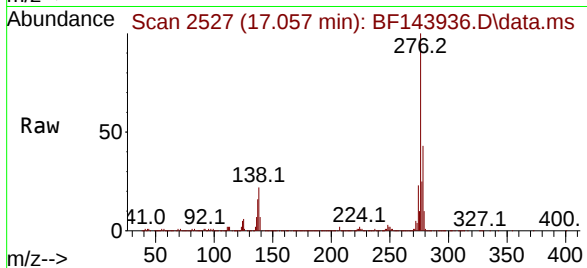
Tgt Ion:276 Resp: 918399

Ion Ratio Lower Upper

276 100

138 23.9 18.2 27.2

277 24.8 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 47.304 ng

RT: 15.116 min Scan# 2197

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

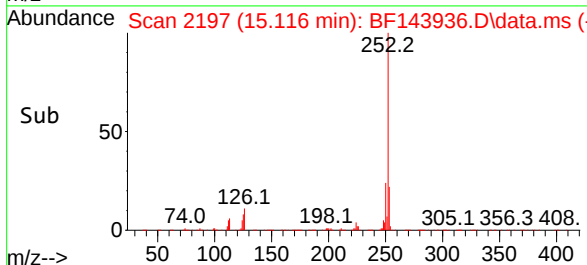
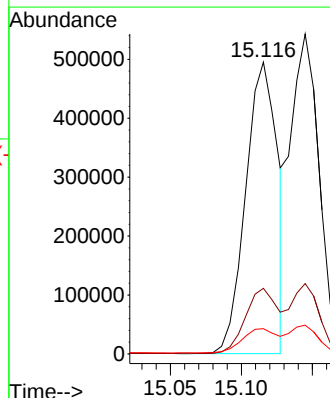
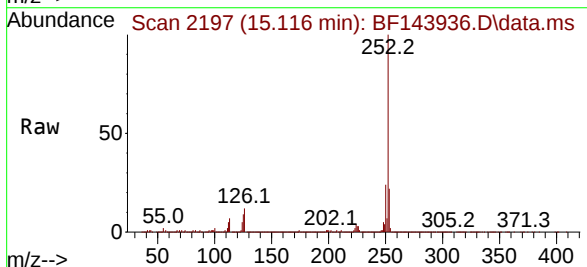
Tgt Ion:252 Resp: 768529

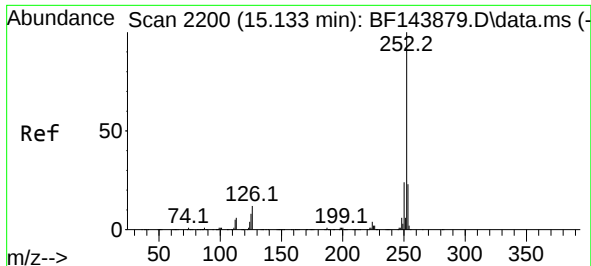
Ion Ratio Lower Upper

252 100

253 22.5 17.4 26.2

125 8.7 7.8 11.6





#89

Benzo(k)fluoranthene

Concen: 50.120 ng

RT: 15.145 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

Instrument :

BNA_F

ClientSampleId :

SED-04-0-2MSD

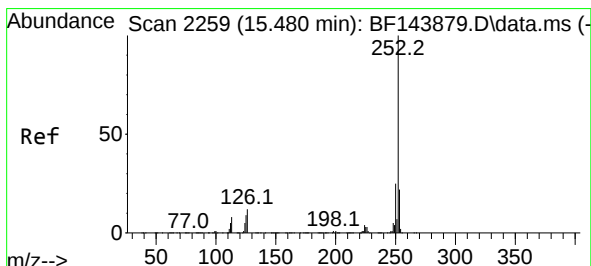
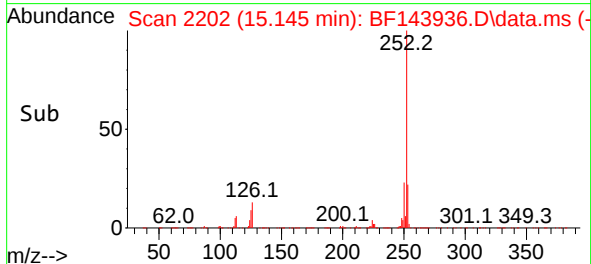
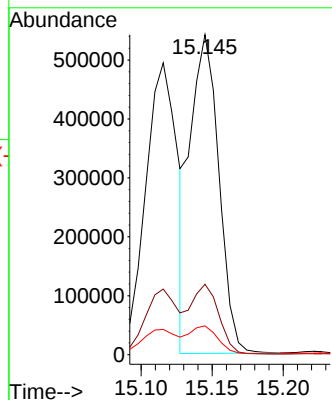
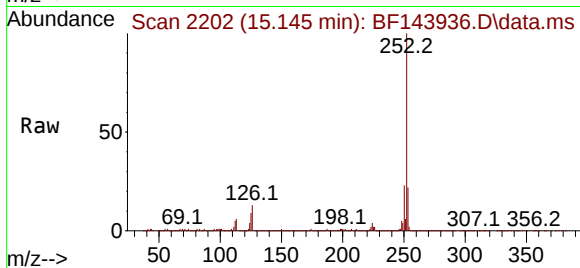
Tgt Ion:252 Resp: 753471

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 9.0 7.4 11.2



#90

Benzo(a)pyrene

Concen: 54.362 ng

RT: 15.486 min Scan# 2260

Delta R.T. 0.000 min

Lab File: BF143936.D

Acq: 13 Oct 2025 17:03

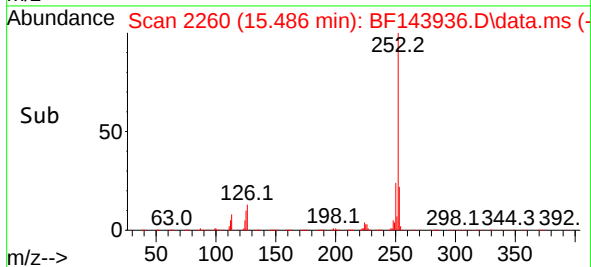
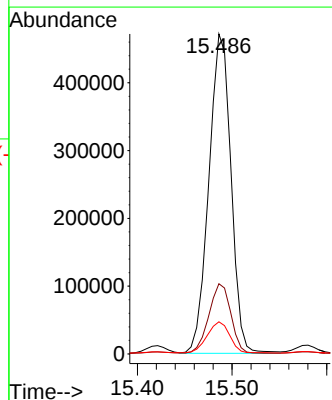
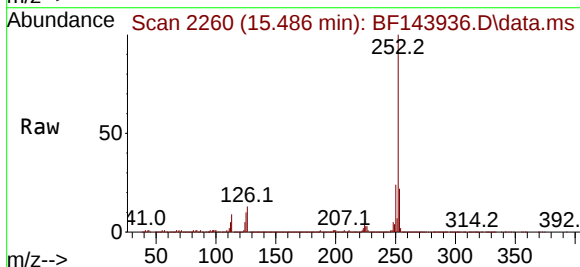
Tgt Ion:252 Resp: 765812

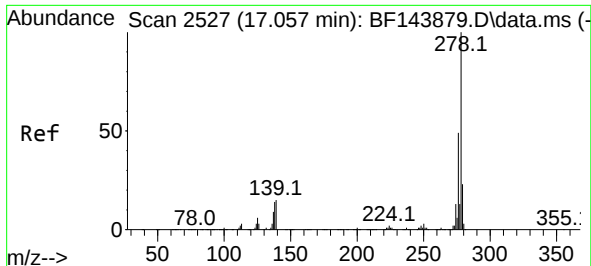
Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 10.1 7.0 10.4

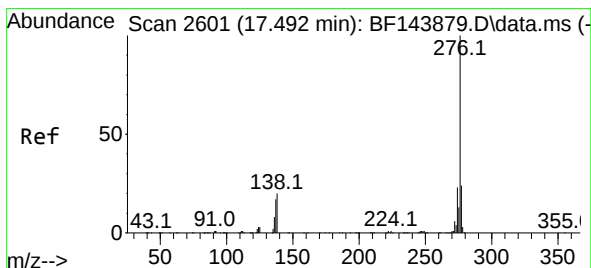
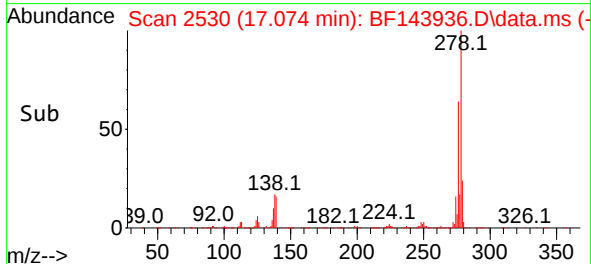
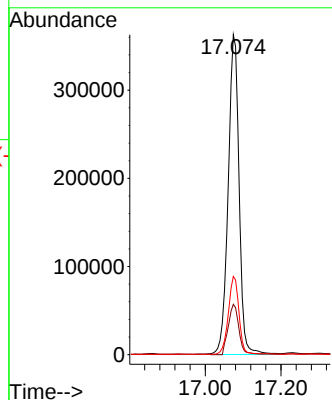
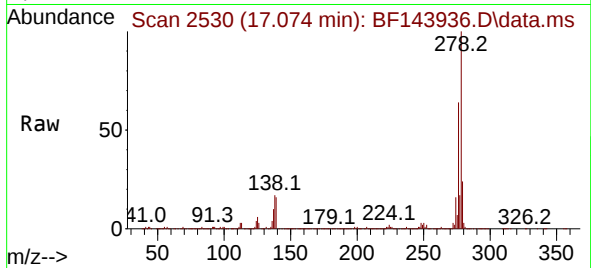




#91
Dibenzo(a,h)anthracene
Concen: 52.395 ng
RT: 17.074 min Scan# 21
Delta R.T. -0.006 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Instrument :
BNA_F
ClientSampleId :
SED-04-0-2MSD

Tgt Ion:278 Resp: 730272
Ion Ratio Lower Upper
278 100
139 15.7 11.7 17.5
279 24.4 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 53.225 ng
RT: 17.515 min Scan# 2605
Delta R.T. 0.000 min
Lab File: BF143936.D
Acq: 13 Oct 2025 17:03

Tgt Ion:276 Resp: 741849
Ion Ratio Lower Upper
276 100
277 23.1 19.0 28.6
138 21.7 16.1 24.1

