

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100925\
 Data File : BF143914.D
 Acq On : 09 Oct 2025 17:45
 Operator : RC/JU
 Sample : Q3302-06MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MSD

Quant Time: Oct 09 18:51:20 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100625.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	90928	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	353479	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	194472	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	324281	20.000	ng	0.00
76) Chrysene-d12	14.063	240	189407	20.000	ng	0.00
86) Perylene-d12	15.539	264	227101	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	892774	155.916	ng	0.01
7) Phenol-d6	6.510	99	1012583	148.361	ng	0.00
23) Nitrobenzene-d5	7.445	82	688923	118.410	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	325872	168.237	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1273807	103.933	ng	-0.01
79) Terphenyl-d14	13.004	244	1252766	113.041	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.810	88	128203	48.384	ng	# 79
3) Pyridine	3.522	79	341647	44.291	ng	98
4) n-Nitrosodimethylamine	3.463	42	217022	53.483	ng	93
6) Aniline	6.545	93	238313	23.302	ng	99
8) 2-Chlorophenol	6.669	128	298330	53.301	ng	99
9) Benzaldehyde	6.434	77	89176	16.938	ng	98
10) Phenol	6.522	94	400005	49.023	ng	99
11) bis(2-Chloroethyl)ether	6.622	93	326739	51.838	ng	99
12) 1,3-Dichlorobenzene	6.822	146	327570	48.892	ng	98
13) 1,4-Dichlorobenzene	6.898	146	336471	50.912	ng	99
14) 1,2-Dichlorobenzene	7.051	146	318682	50.343	ng	98
15) Benzyl Alcohol	7.022	79	304336	59.513	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.157	45	746381	52.022	ng	100
17) 2-Methylphenol	7.134	107	248509	53.724	ng	99
18) Hexachloroethane	7.398	117	110201	50.000	ng	95
19) n-Nitroso-di-n-propyla...	7.292	70	244298	52.292	ng	99
20) 3+4-Methylphenols	7.281	107	294074	54.853	ng	91
22) Acetophenone	7.292	105	430765	57.635	ng	99
24) Nitrobenzene	7.463	77	351719	54.436	ng	98
25) Isophorone	7.704	82	650814	53.051	ng	99
26) 2-Nitrophenol	7.781	139	165877	59.882	ng	99
27) 2,4-Dimethylphenol	7.810	122	291384	58.476	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	410085	52.918	ng	99
29) 2,4-Dichlorophenol	8.022	162	280618	54.064	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	271301	53.147	ng	97
31) Naphthalene	8.186	128	831007	51.681	ng	99
32) Benzoic acid	7.928	122	236404	68.550	ng	98
33) 4-Chloroaniline	8.234	127	103882	17.226	ng	97
34) Hexachlorobutadiene	8.304	225	178438	50.303	ng	99
35) Caprolactam	8.598	113	87771	53.183	ng	97
36) 4-Chloro-3-methylphenol	8.710	107	268185	53.790	ng	98
37) 2-Methylnaphthalene	8.881	142	518224	48.383	ng	99
38) 1-Methylnaphthalene	8.981	142	529523	50.968	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	313615	58.348	ng	99
41) Hexachlorocyclopentadiene	9.033	237	298420	133.830	ng	99
43) 2,4,6-Trichlorophenol	9.157	196	218253	55.574	ng	99

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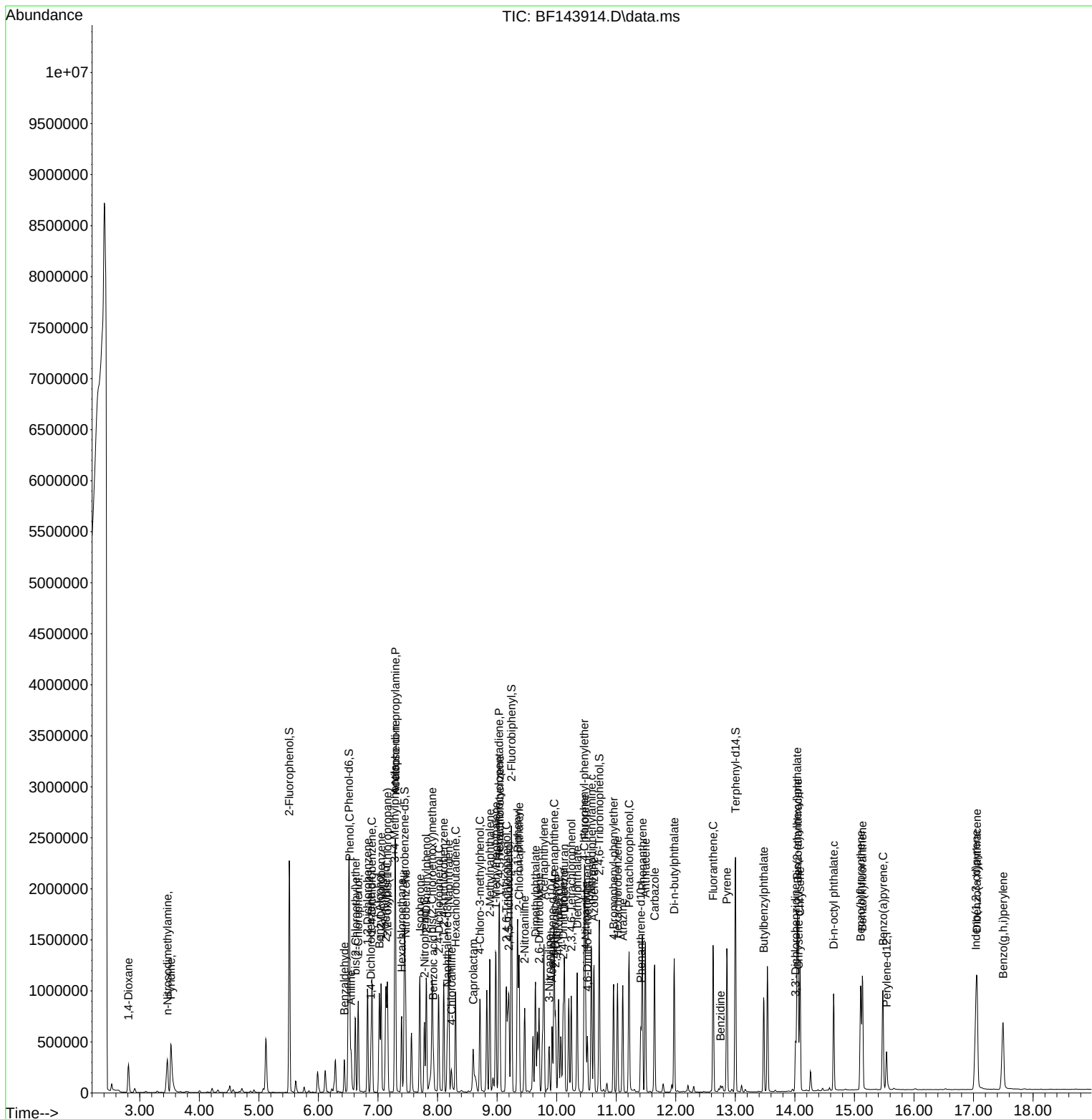
Instrument :
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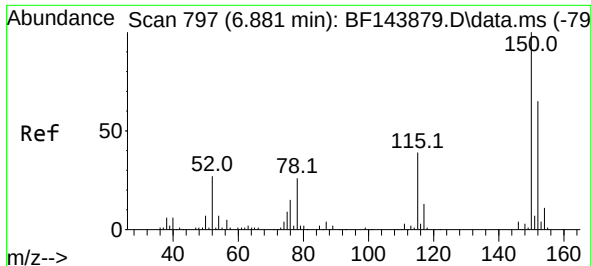
Quant Time: Oct 09 18:51:20 2025
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 06 15:29:47 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	228426	55.040 ng	99
46) 1,1'-Biphenyl	9.345	154	748281	58.115 ng	99
47) 2-Chloronaphthalene	9.369	162	571828	53.266 ng	99
48) 2-Nitroaniline	9.463	65	202173	59.567 ng	99
49) Acenaphthylene	9.786	152	912390	60.454 ng	100
50) Dimethylphthalate	9.645	163	665264	53.869 ng	99
51) 2,6-Dinitrotoluene	9.704	165	148219	64.724 ng	98
52) Acenaphthene	9.957	154	563109	56.941 ng	99
53) 3-Nitroaniline	9.875	138	94089	33.555 ng	99
54) 2,4-Dinitrophenol	9.980	184	151184	104.683 ng	93
55) Dibenzofuran	10.128	168	746394	53.467 ng	99
56) 4-Nitrophenol	10.033	139	216891	102.157 ng	99
57) 2,4-Dinitrotoluene	10.110	165	192505	61.782 ng	99
58) Fluorene	10.475	166	550151	52.228 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	168183	57.248 ng	99
60) Diethylphthalate	10.345	149	616154	53.704 ng	98
61) 4-Chlorophenyl-phenyle...	10.463	204	291447	52.333 ng	98
62) 4-Nitroaniline	10.486	138	133789	49.617 ng	98
63) Azobenzene	10.627	77	653508	54.500 ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	102234	62.736 ng	98
66) n-Nitrosodiphenylamine	10.586	169	557500	54.753 ng	99
67) 4-Bromophenyl-phenylether	10.957	248	193343	53.949 ng	98
68) Hexachlorobenzene	11.022	284	221884	53.479 ng	99
69) Atrazine	11.110	200	163636	53.023 ng	96
70) Pentachlorophenol	11.216	266	258387	108.434 ng	99
71) Phenanthrene	11.439	178	842527	53.592 ng	99
72) Anthracene	11.492	178	852698	53.689 ng	100
73) Carbazole	11.645	167	747235	53.123 ng	99
74) Di-n-butylphthalate	11.974	149	920620	56.471 ng	99
75) Fluoranthene	12.627	202	851344	52.426 ng	100
77) Benzidine	12.751	184	41669	6.336 ng	99
78) Pyrene	12.857	202	843683	53.429 ng	99
80) Butylbenzylphthalate	13.474	149	304481	59.373 ng	98
81) Benzo(a)anthracene	14.051	228	682754	55.083 ng	99
82) 3,3'-Dichlorobenzidine	14.010	252	165018	43.686 ng	99
83) Chrysene	14.086	228	647475	56.441 ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	371382	60.076 ng	99
85) Di-n-octyl phthalate	14.651	149	616939	60.762 ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	854684	61.420 ng	99
88) Benzo(b)fluoranthene	15.104	252	717390	54.992 ng	99
89) Benzo(k)fluoranthene	15.133	252	628520	52.068 ng	99
90) Benzo(a)pyrene	15.480	252	665888	58.868 ng	99
91) Dibenzo(a,h)anthracene	17.056	278	682034	60.941 ng	99
92) Benzo(g,h,i)perylene	17.498	276	688613	61.529 ng	99

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

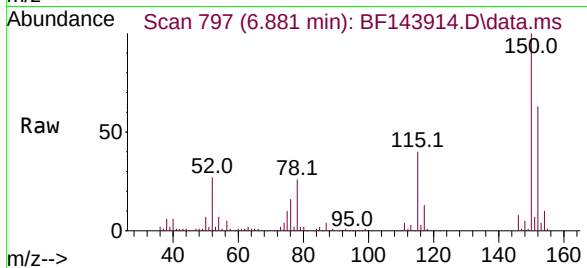
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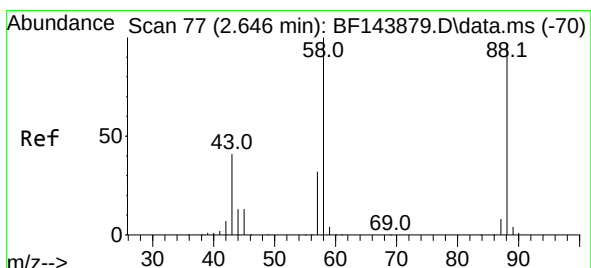
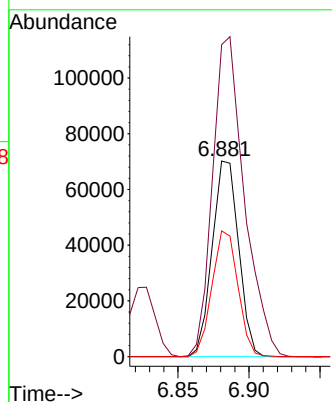
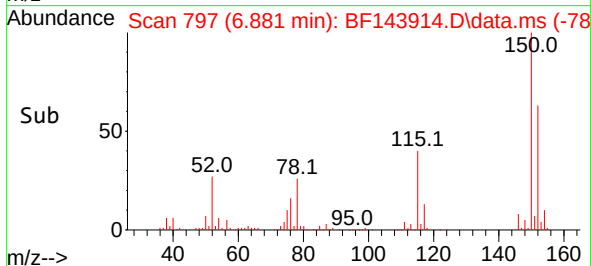


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 79
Delta R.T. -0.005 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

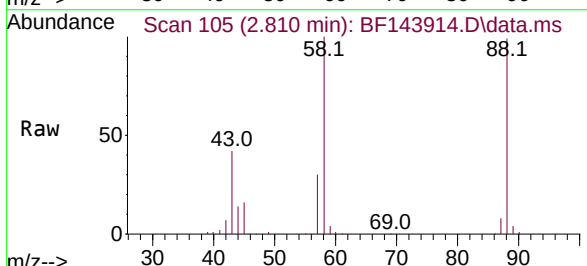
Instrument :
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ClientSampleId :
OR-658-COMP-01MSD



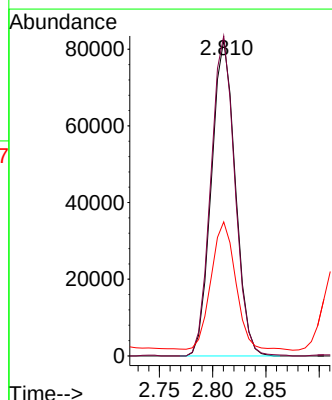
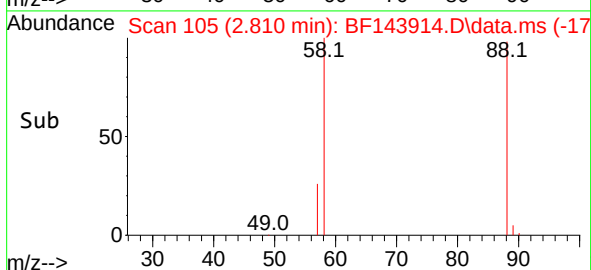
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Ion Ratio Lower Upper
152 100
150 159.4 124.4 186.6
115 64.2 48.1 72.1

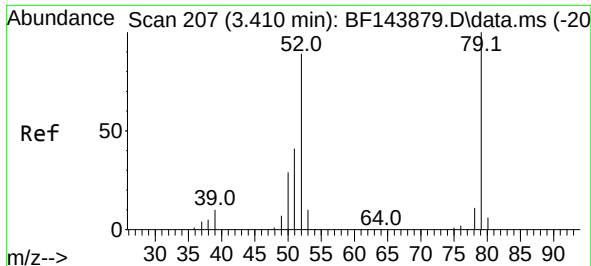


#2
1,4-Dioxane
Concen: 48.384 ng
RT: 2.810 min Scan# 105
Delta R.T. 0.165 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45



Tgt Ion: 88 Resp: 128203
Ion Ratio Lower Upper
88 100
58 101.9 83.0 124.6
43 0.0 33.9 50.9

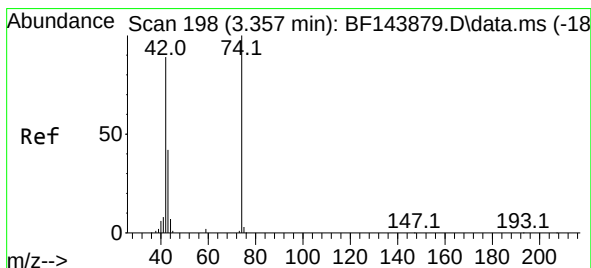
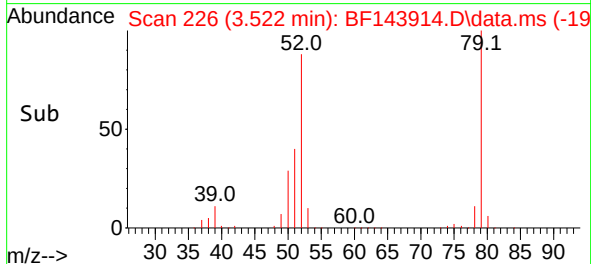
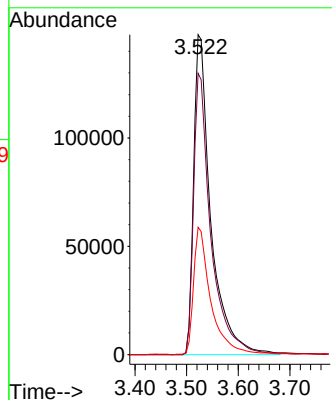
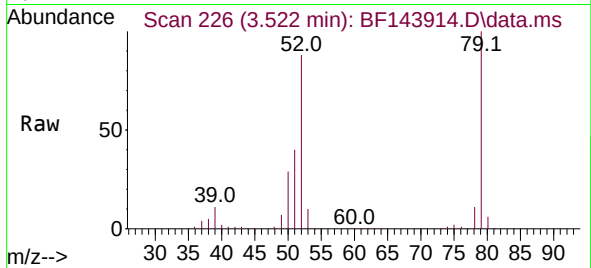




#3
Pyridine
Concen: 44.291 ng
RT: 3.522 min Scan# 21
Delta R.T. 0.106 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

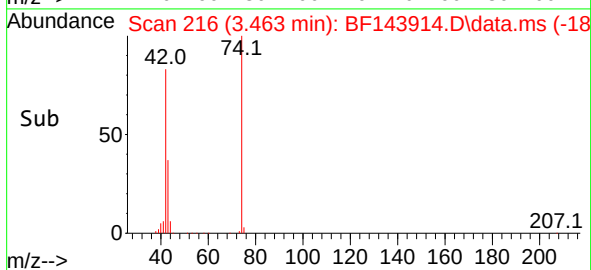
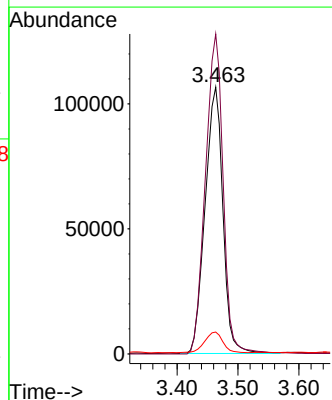
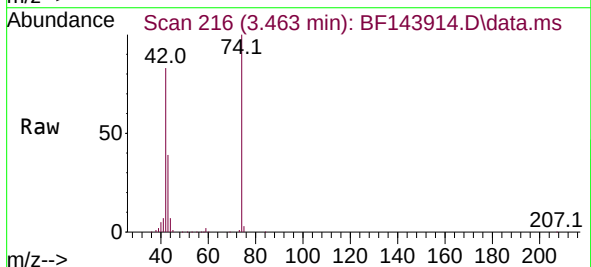
Instrument :
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ClientSampleId :
OR-658-COMP-01MSD

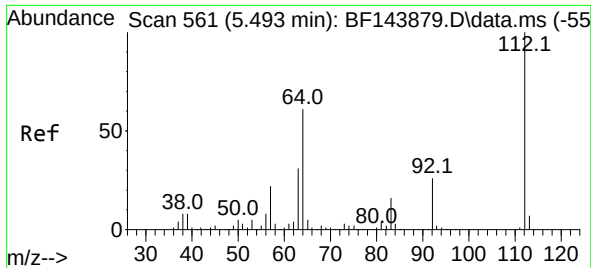
Tgt Ion: 79 Resp: 341647
Ion Ratio Lower Upper
79 100
52 87.9 71.5 107.3
51 39.8 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 53.483 ng
RT: 3.463 min Scan# 216
Delta R.T. 0.077 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion: 42 Resp: 217022
Ion Ratio Lower Upper
42 100
74 119.9 90.0 135.0
44 8.2 6.2 9.2

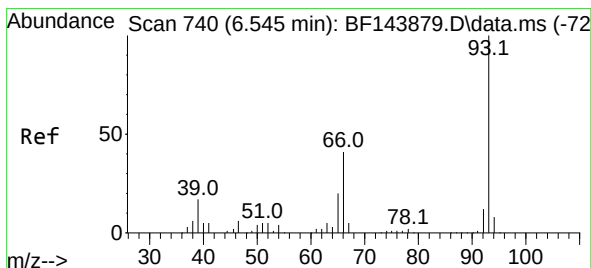
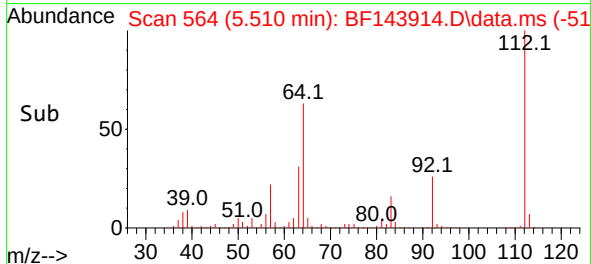
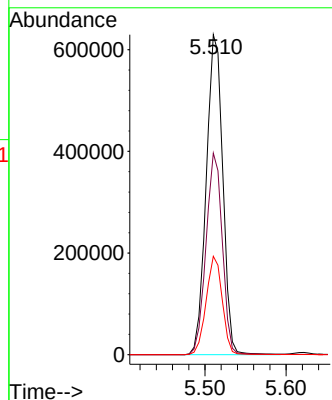
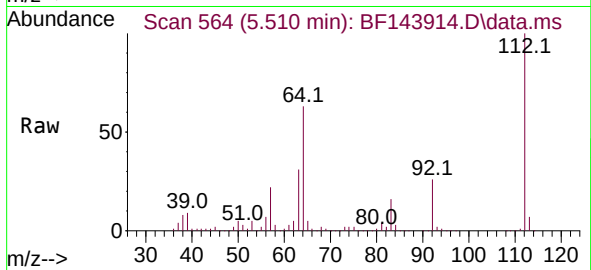




#5
2-Fluorophenol
Concen: 155.916 ng
RT: 5.510 min Scan# 561
Delta R.T. 0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

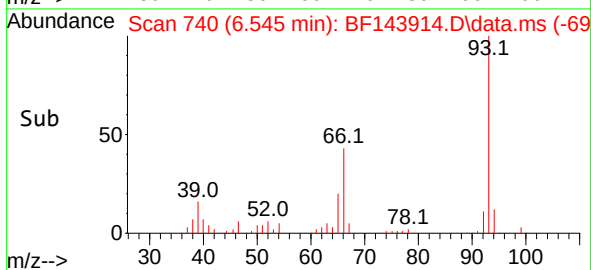
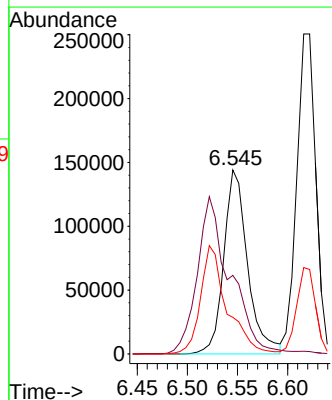
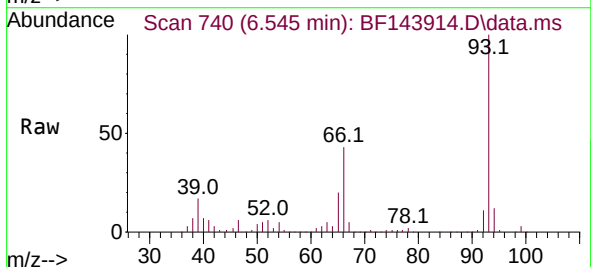
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

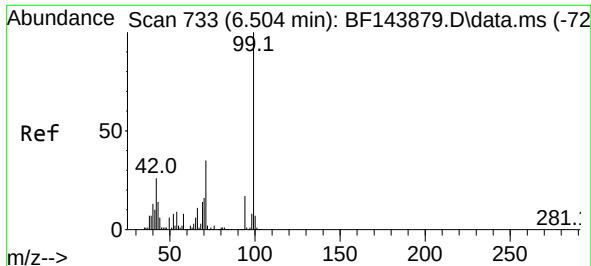
Tgt Ion:112 Resp: 892774
Ion Ratio Lower Upper
112 100
64 63.0 49.1 73.7
63 30.7 24.5 36.7



#6
Aniline
Concen: 23.302 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion: 93 Resp: 238313
Ion Ratio Lower Upper
93 100
66 42.6 33.0 49.6
65 19.9 15.8 23.8





#7

Phenol-d6

Concen: 148.361 ng

RT: 6.510 min Scan# 733

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

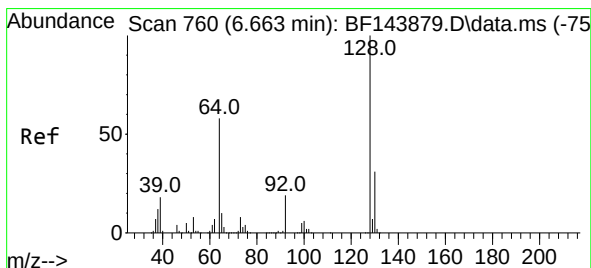
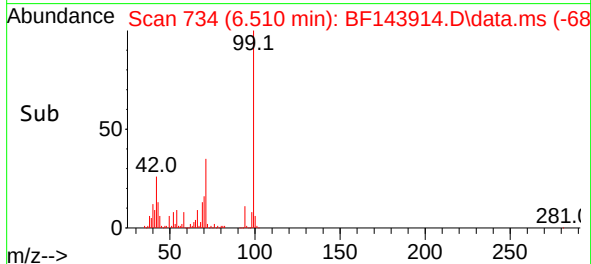
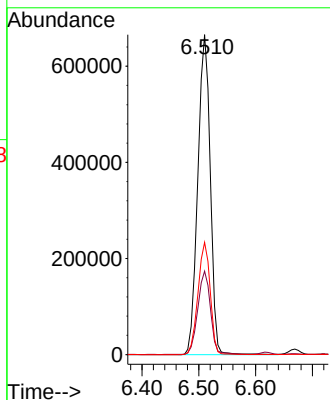
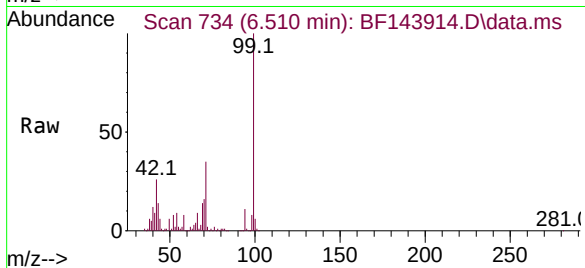
BNA_F

ClientSampleId :

OR-658-COMP-01MSD

Tgt Ion: 99 Resp: 1012583

Ion	Ratio	Lower	Upper
99	100		
42	26.1	21.0	31.4
71	35.1	27.8	41.8



#8

2-Chlorophenol

Concen: 53.301 ng

RT: 6.669 min Scan# 761

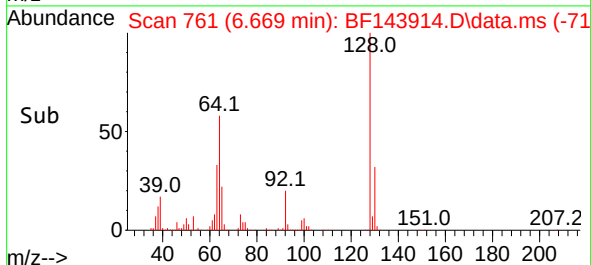
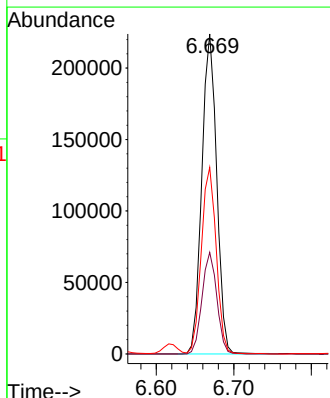
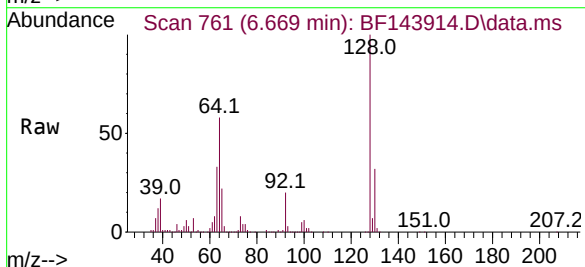
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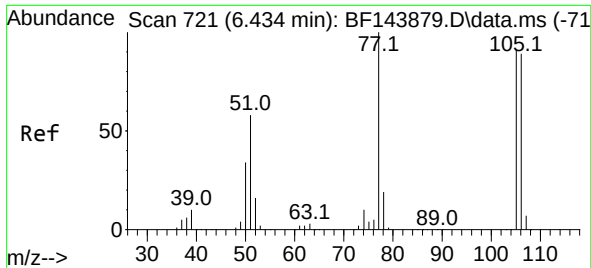
Lab File: BF143914.D

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Tgt Ion: 128 Resp: 298330

Ion	Ratio	Lower	Upper
128	100		
130	31.7	10.7	50.7
64	58.3	39.0	79.0

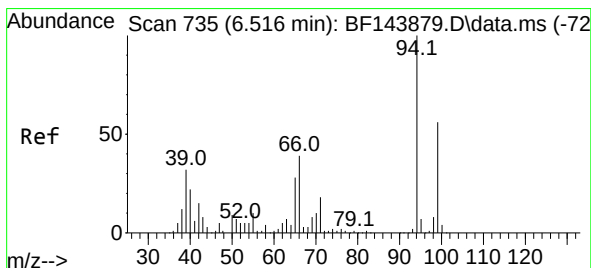
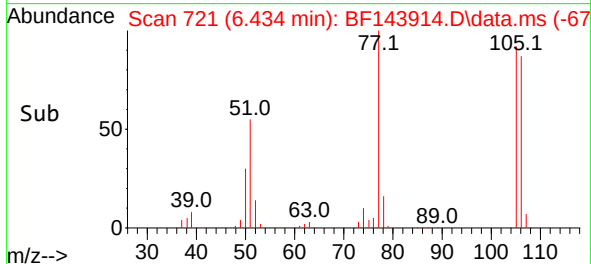
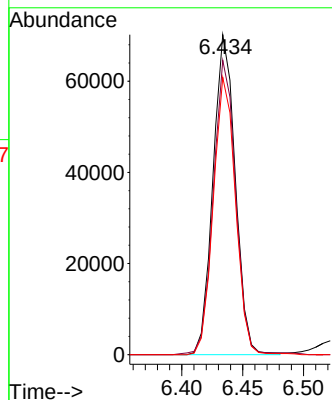
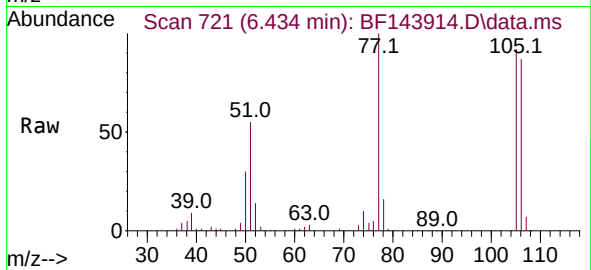




#9
Benzaldehyde
Concen: 16.938 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

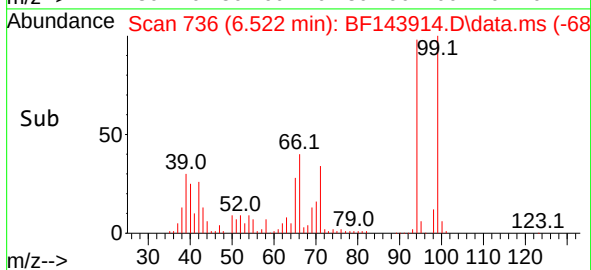
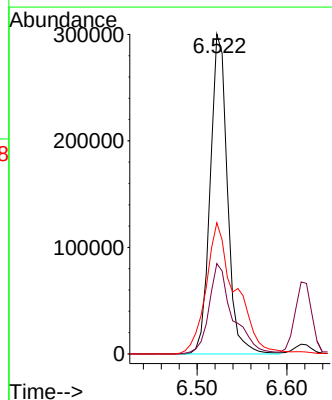
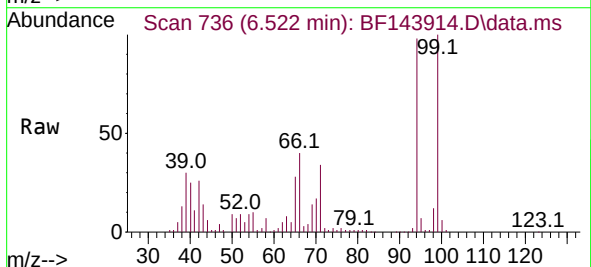
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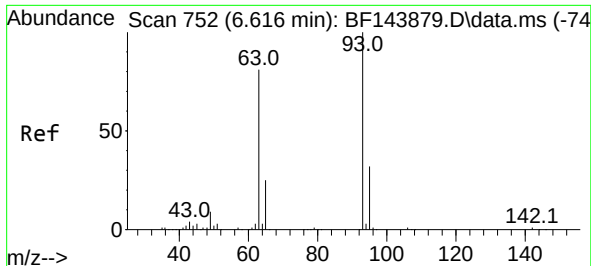
Tgt Ion: 77 Resp: 89176
Ion Ratio Lower Upper
77 100
105 92.0 70.9 110.9
106 86.6 68.9 108.9



#10
Phenol
Concen: 49.023 ng
RT: 6.522 min Scan# 736
Delta R.T. -0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion: 94 Resp: 400005
Ion Ratio Lower Upper
94 100
65 28.2 8.5 48.5
66 41.0 19.9 59.9

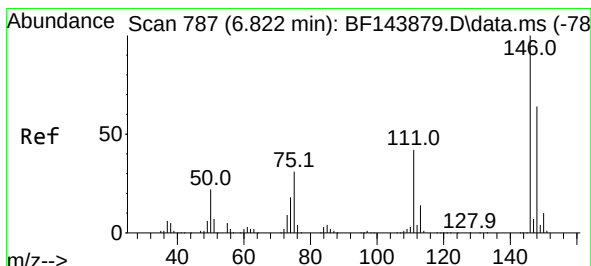
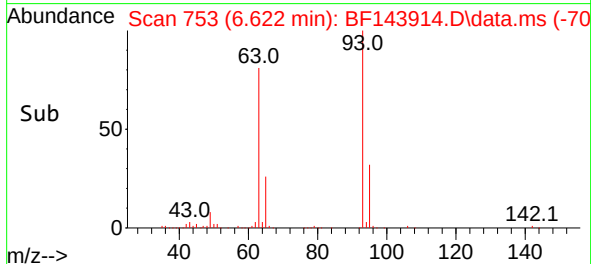
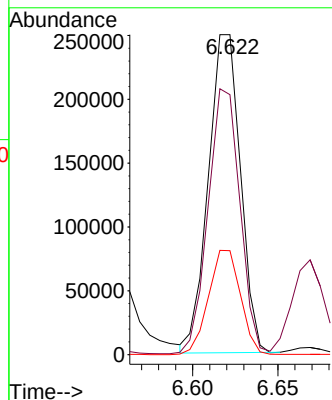
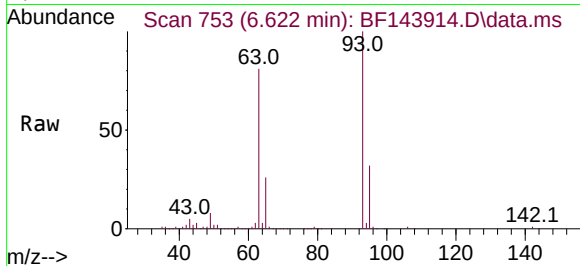




#11
bis(2-Chloroethyl)ether
Concen: 51.838 ng
RT: 6.622 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

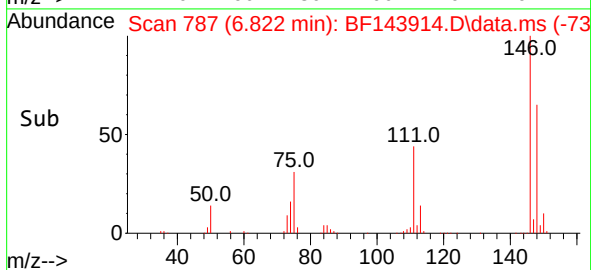
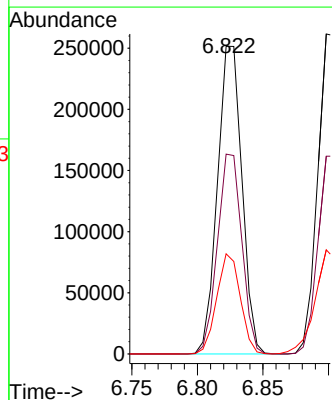
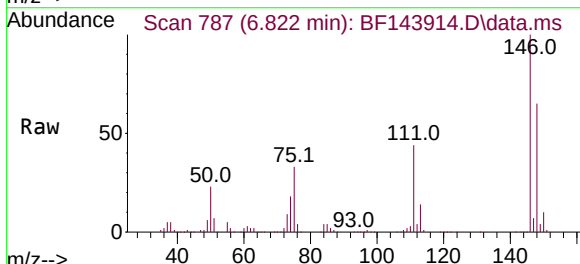
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

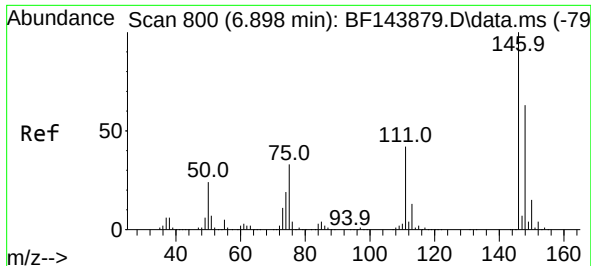
Tgt Ion: 93	Resp: 326739
Ion Ratio	Lower Upper
93 100	
63 81.2	60.9 100.9
95 32.5	11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 48.892 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:146	Resp: 327570		
Ion Ratio	Lower	Upper	
146 100			
148 64.9	51.0	76.4	
75 32.5	24.9	37.3	

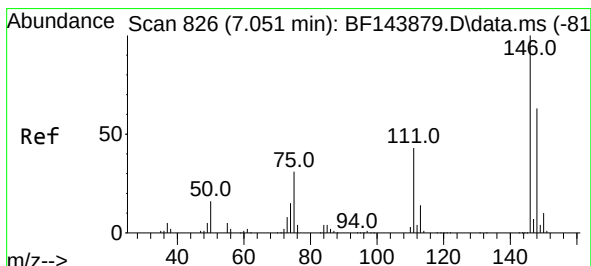
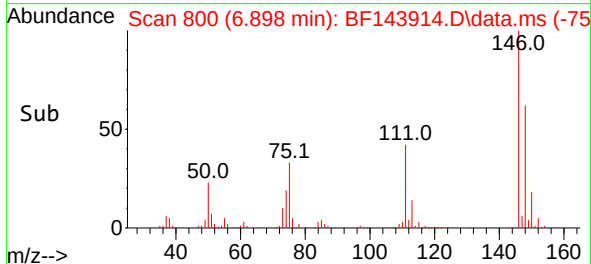
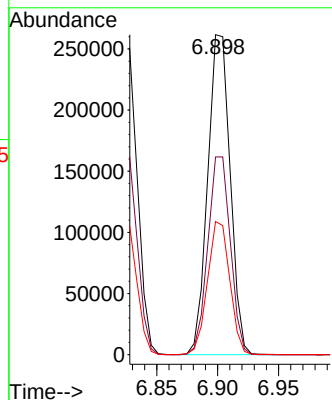
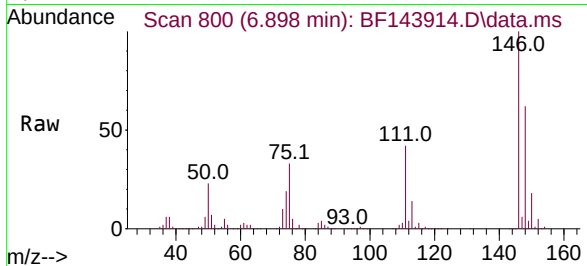




#13
1,4-Dichlorobenzene
Concen: 50.912 ng
RT: 6.898 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

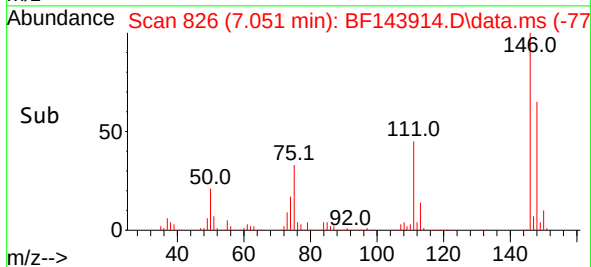
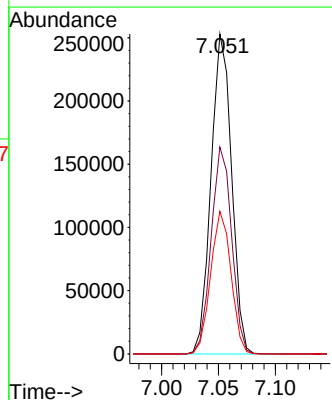
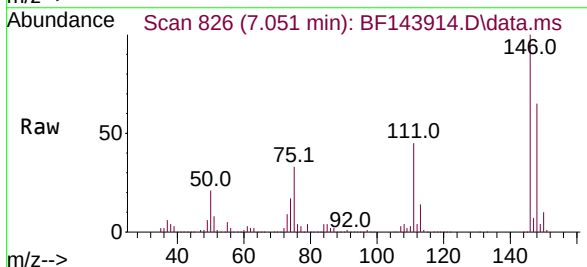
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

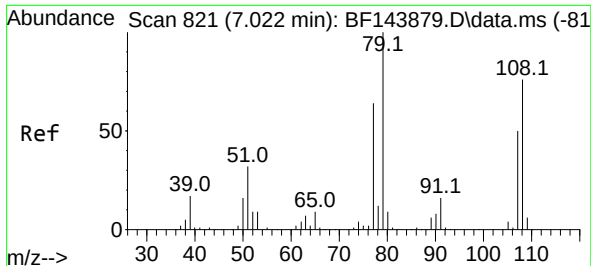
Tgt Ion:146 Resp: 336471
Ion Ratio Lower Upper
146 100
148 61.8 50.5 75.7
111 41.6 33.4 50.0



#14
1,2-Dichlorobenzene
Concen: 50.343 ng
RT: 7.051 min Scan# 826
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:146 Resp: 318682
Ion Ratio Lower Upper
146 100
148 64.6 50.6 75.8
111 44.6 34.6 51.8



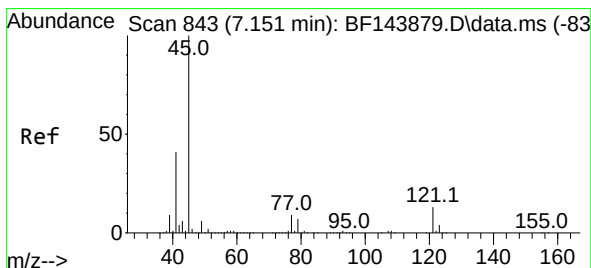
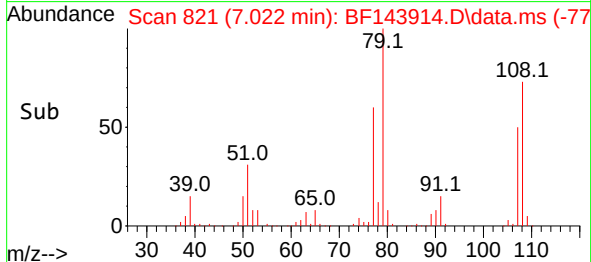
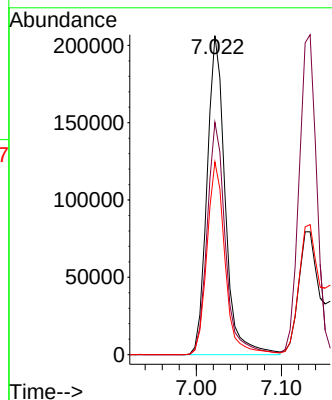
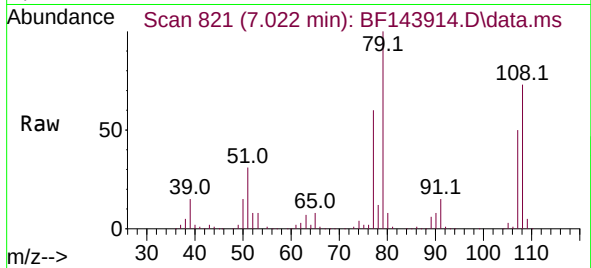


#15
Benzyl Alcohol
Concen: 59.513 ng
RT: 7.022 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

Tgt Ion: 79 Resp: 304336

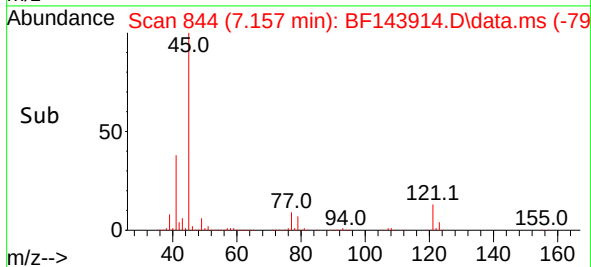
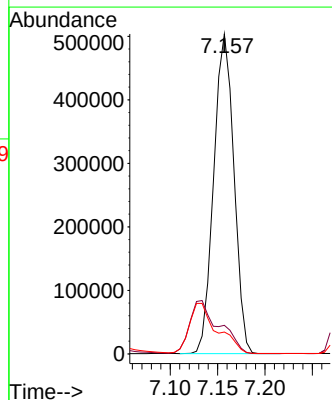
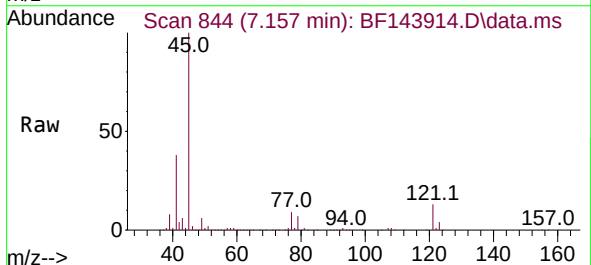
Ion	Ratio	Lower	Upper
79	100		
108	72.8	60.8	91.2
77	60.4	51.0	76.6

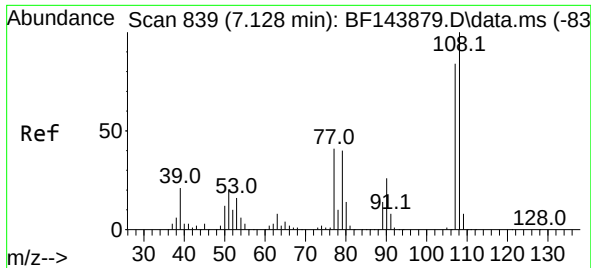


#16
2,2'-oxybis(1-Chloropropane)
Concen: 52.022 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion: 45 Resp: 746381

Ion	Ratio	Lower	Upper
45	100		
77	8.9	0.0	29.0
79	6.9	0.0	26.8

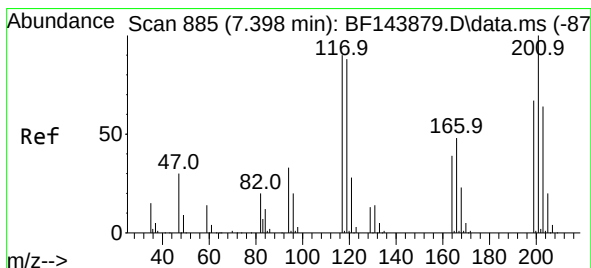
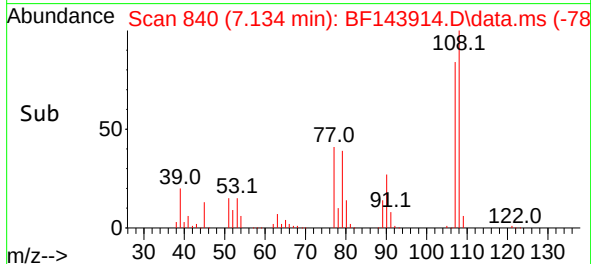
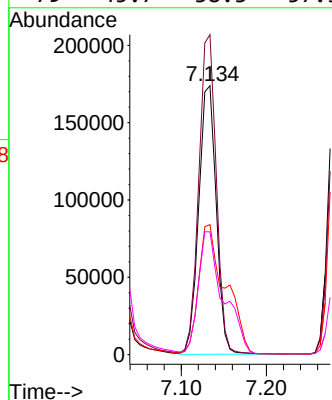
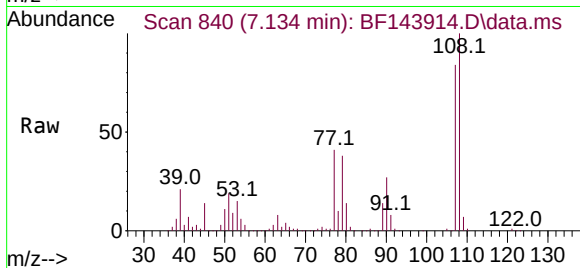




#17
2-Methylphenol
Concen: 53.724 ng
RT: 7.134 min Scan# 840
Delta R.T. 0.000 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

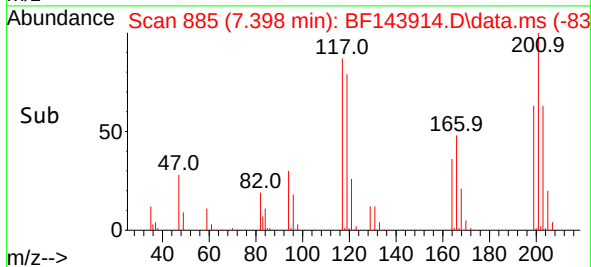
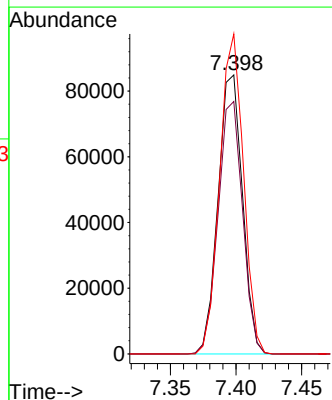
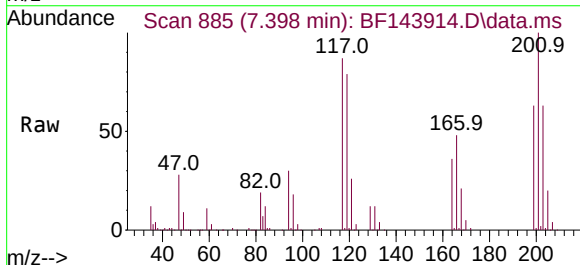
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

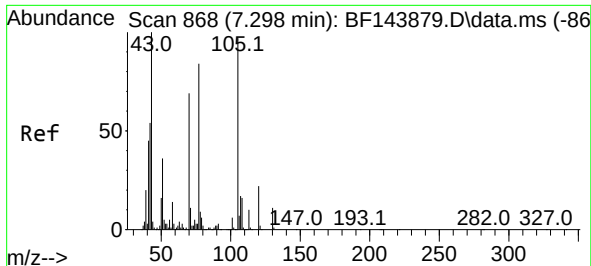
Tgt Ion:	107	Resp:	248509
Ion	Ratio	Lower	Upper
107	100		
108	119.0	94.7	142.1
77	48.3	38.8	58.2
79	45.7	38.3	57.5



#18
Hexachloroethane
Concen: 50.000 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:	117	Resp:	110201
Ion	Ratio	Lower	Upper
117	100		
119	90.5	77.8	116.8
201	114.7	88.5	132.7



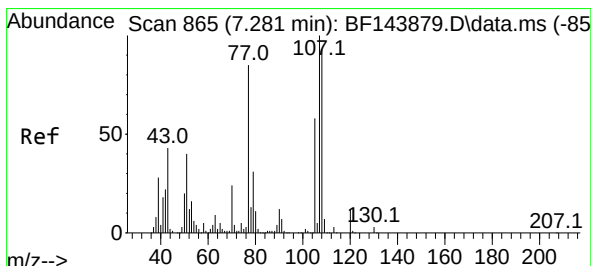
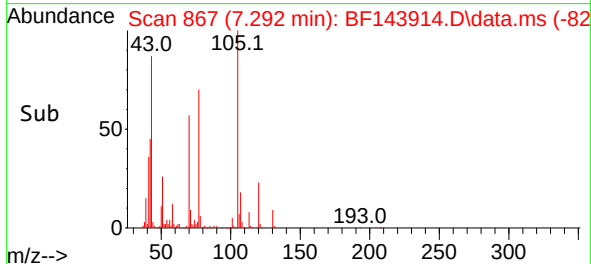
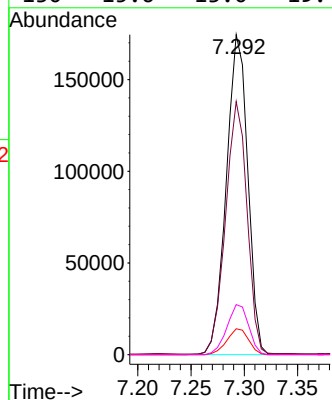
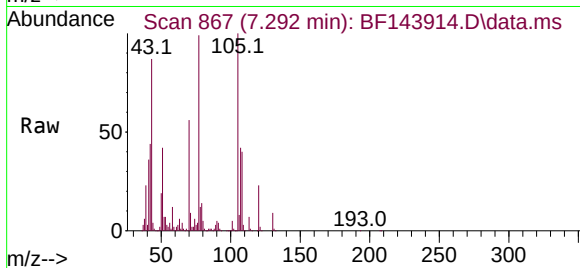


#19
n-Nitroso-di-n-propylamine
Concen: 52.292 ng
RT: 7.292 min Scan# 868
Delta R.T. -0.023 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

Tgt Ion: 70 Resp: 244298

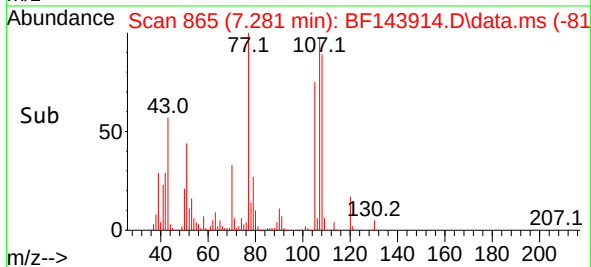
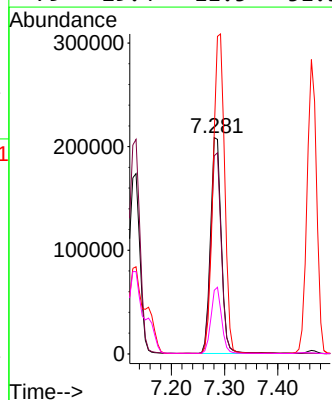
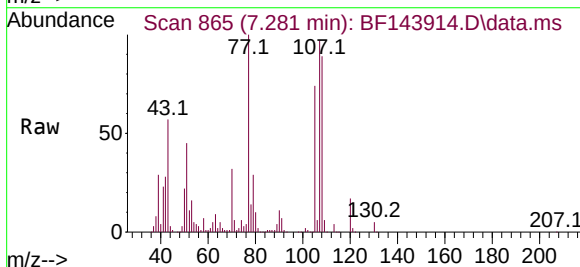
Ion	Ratio	Lower	Upper
70	100		
42	79.1	62.8	94.2
101	8.1	6.7	10.1
130	15.6	13.0	19.4

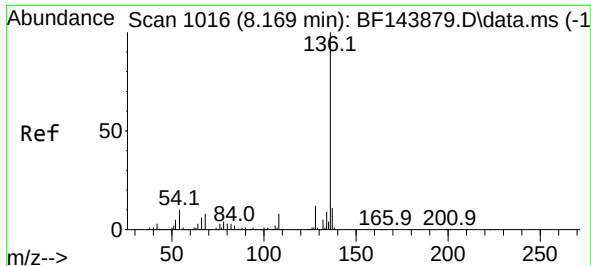


#20
3+4-Methylphenols
Concen: 54.853 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion: 107 Resp: 294074

Ion	Ratio	Lower	Upper
107	100		
108	91.6	73.0	113.0
77	103.0	64.6	104.6
79	29.4	11.5	51.5

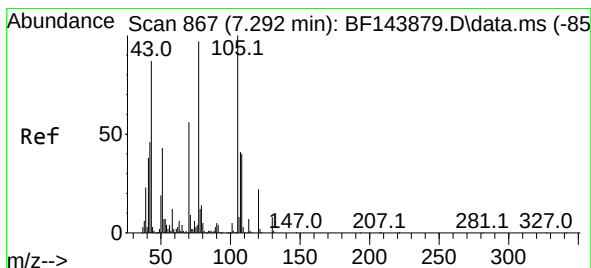
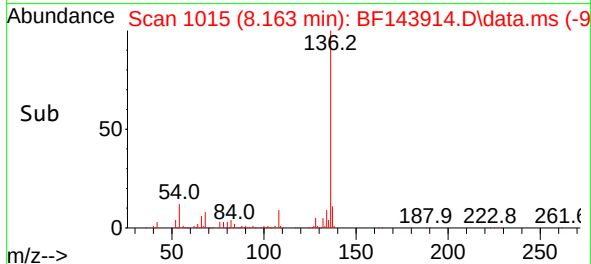
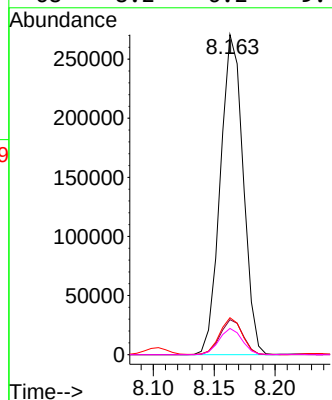
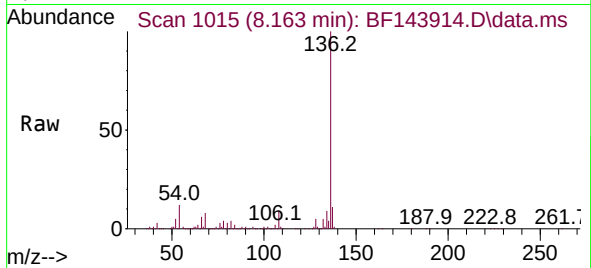




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

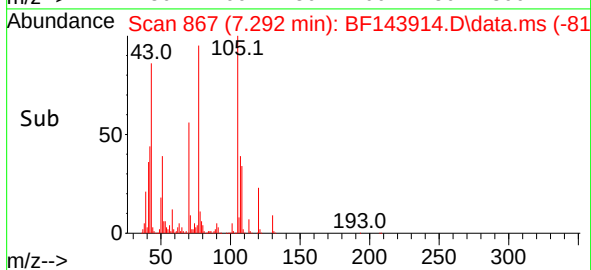
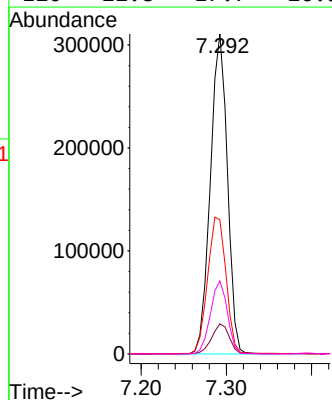
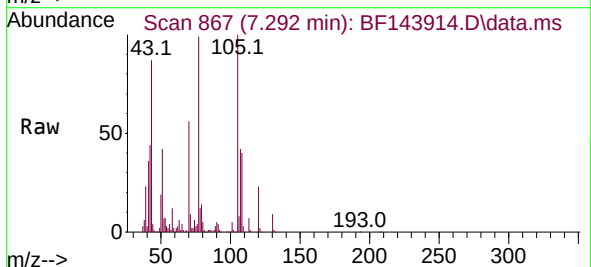
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

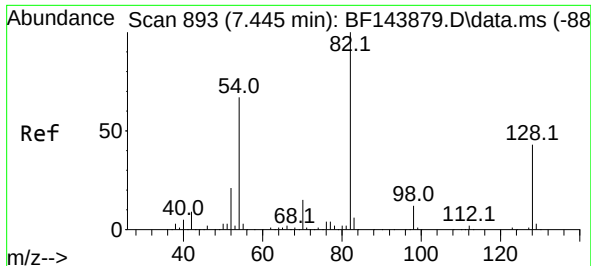
Tgt Ion:136	Resp: 353479
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 11.5	8.2 12.4
68 8.2	6.2 9.4



#22
Acetophenone
Concen: 57.635 ng
RT: 7.292 min Scan# 867
Delta R.T. -0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt	Ion:105	Resp:	430765
Ion	Ratio	Lower	Upper
105	100		
71	9.4	7.4	11.0
51	41.9	34.2	51.4
120	22.8	17.7	26.5





#23

Nitrobenzene-d5

Concen: 118.410 ng

RT: 7.445 min Scan# 893

Delta R.T. -0.012 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD

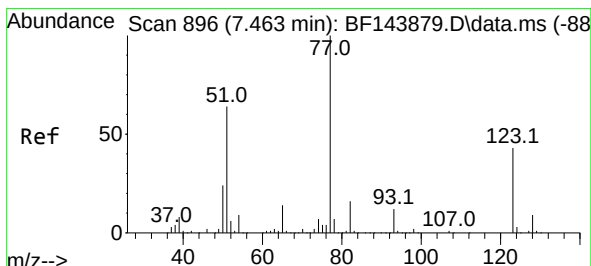
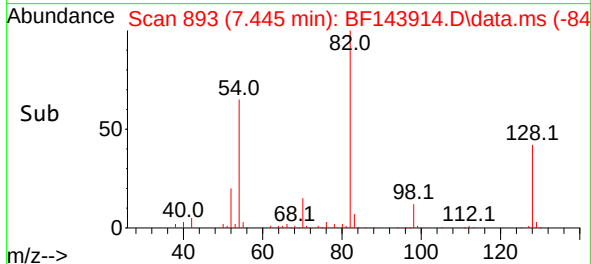
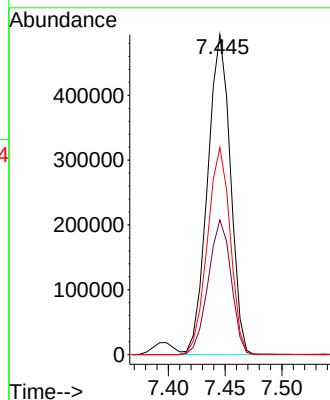
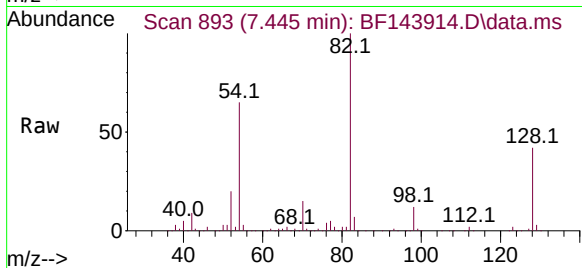
Tgt Ion: 82 Resp: 688923

Ion Ratio Lower Upper

82 100

128 42.1 34.0 51.0

54 64.7 53.2 79.8



#24

Nitrobenzene

Concen: 54.436 ng

RT: 7.463 min Scan# 896

Delta R.T. -0.012 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

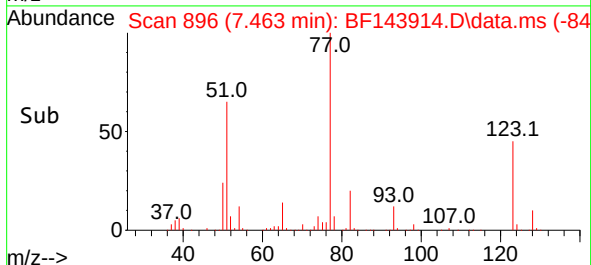
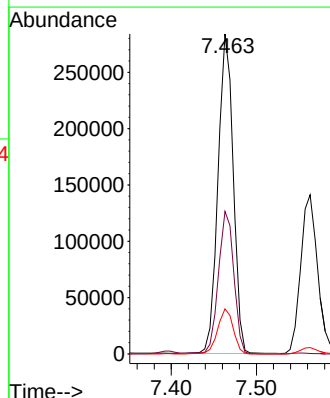
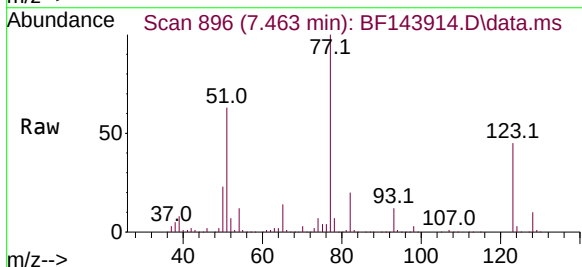
Tgt Ion: 77 Resp: 351719

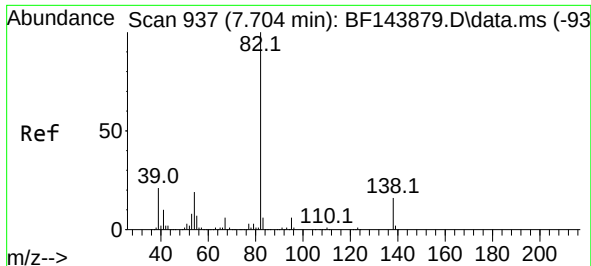
Ion Ratio Lower Upper

77 100

123 44.5 34.2 51.4

65 14.1 11.0 16.6

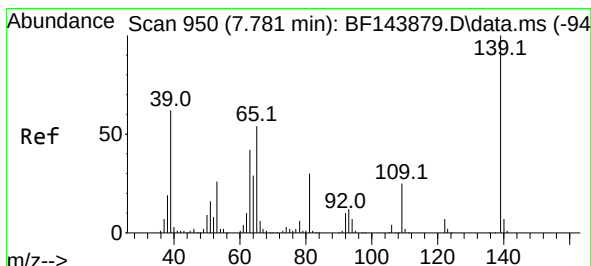
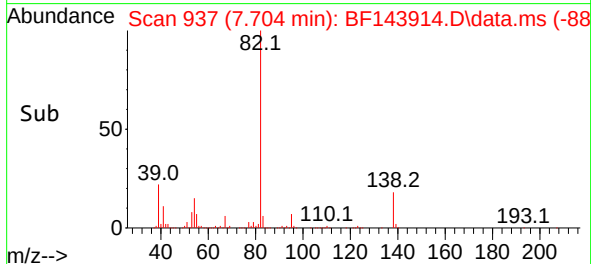
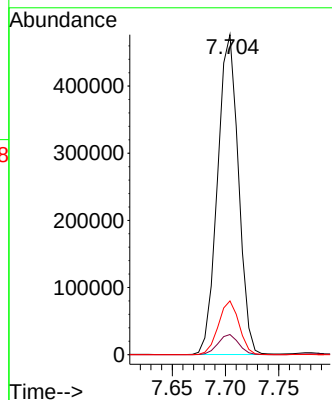
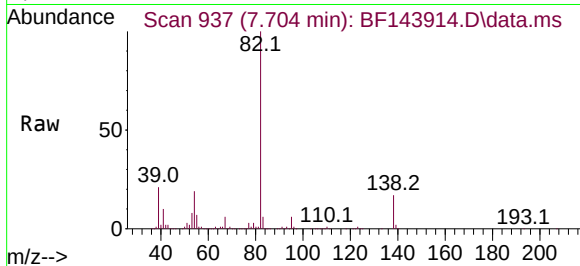




#25
Isophorone
Concen: 53.051 ng
RT: 7.704 min Scan# 937
Delta R.T. -0.018 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

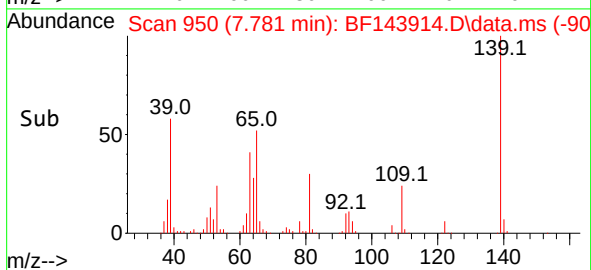
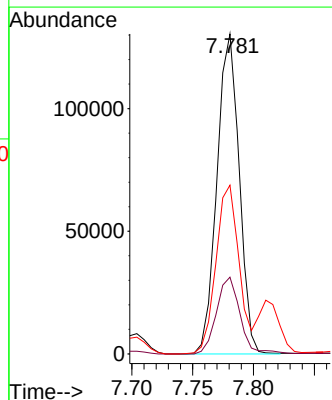
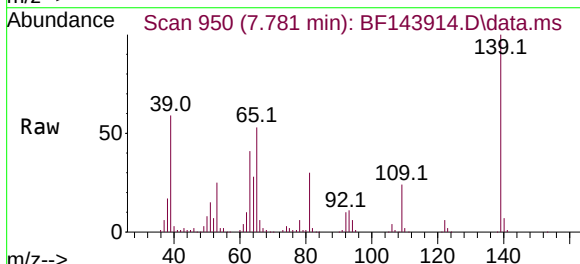
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

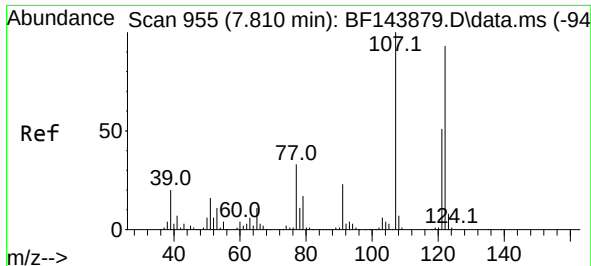
Tgt Ion: 82 Resp: 650814
Ion Ratio Lower Upper
82 100
95 6.3 5.1 7.7
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 59.882 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion: 139 Resp: 165877
Ion Ratio Lower Upper
139 100
109 24.0 19.8 29.6
65 52.7 42.9 64.3





#27

2,4-Dimethylphenol

Concen: 58.476 ng

RT: 7.810 min Scan# 91

Delta R.T. -0.012 min

Lab File: BF143914.D

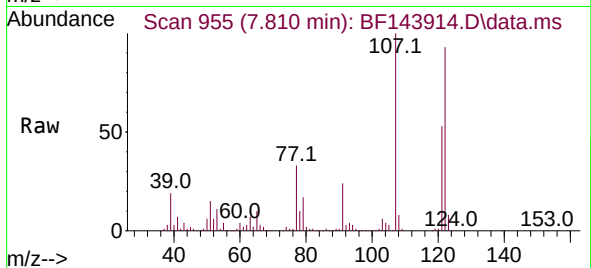
Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD



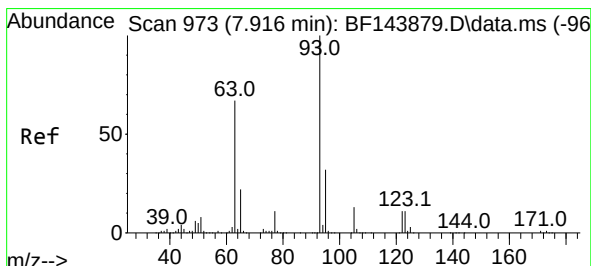
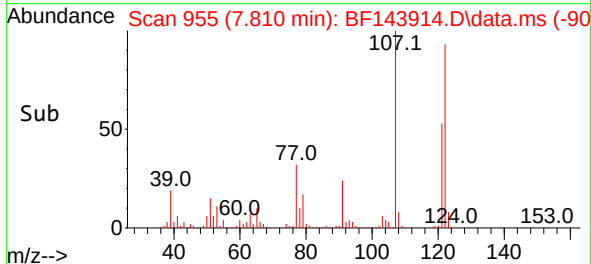
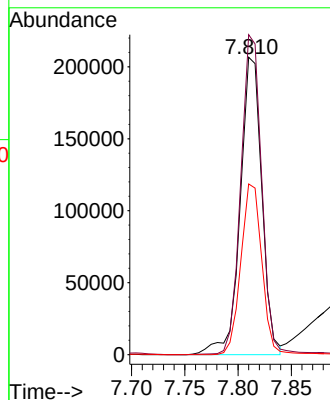
Tgt Ion:122 Resp: 291384

Ion Ratio Lower Upper

122 100

107 107.6 86.1 129.1

121 57.4 43.8 65.6



#28

bis(2-Chloroethoxy)methane

Concen: 52.918 ng

RT: 7.910 min Scan# 972

Delta R.T. -0.012 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

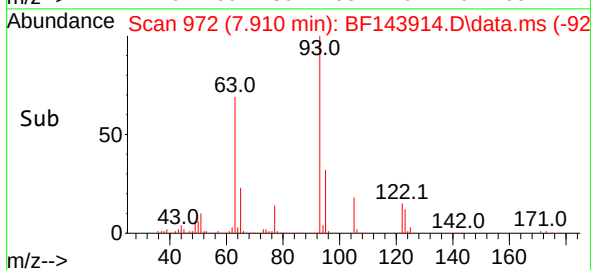
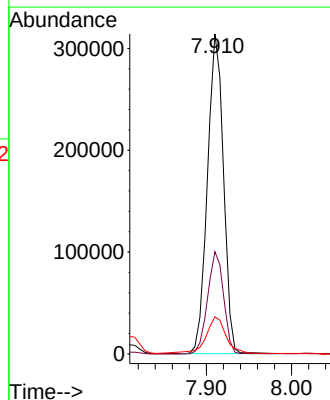
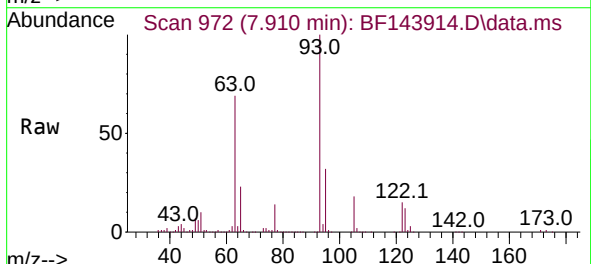
Tgt Ion: 93 Resp: 410085

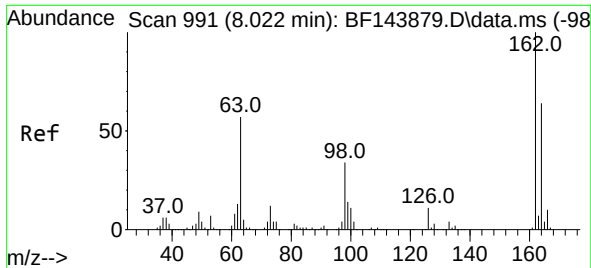
Ion Ratio Lower Upper

93 100

95 31.9 25.9 38.9

123 11.6 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 54.064 ng

RT: 8.022 min Scan# 991

Delta R.T. -0.006 min

Lab File: BF143914.D

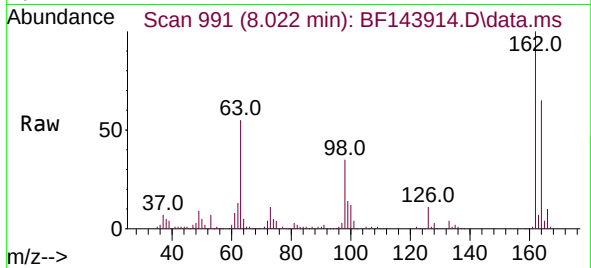
Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD



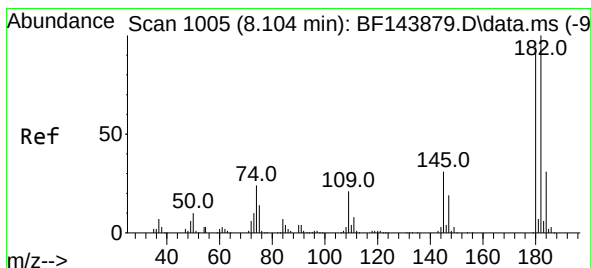
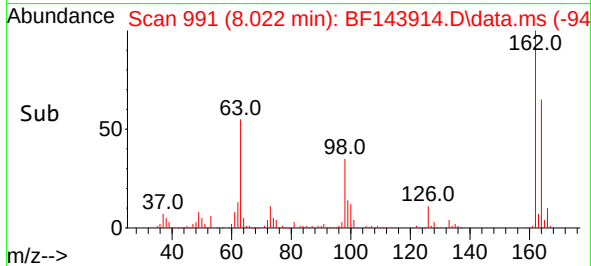
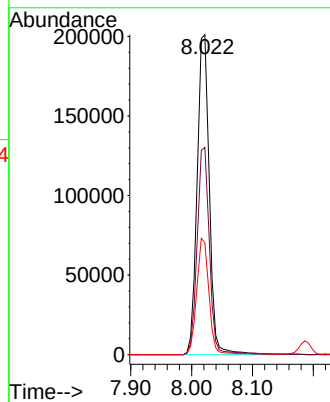
Tgt Ion:162 Resp: 280618

Ion Ratio Lower Upper

162 100

164 64.8 43.9 83.9

98 35.0 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 53.147 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

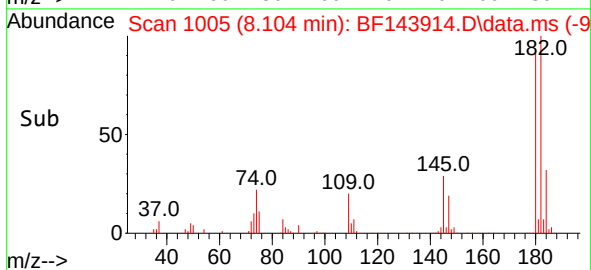
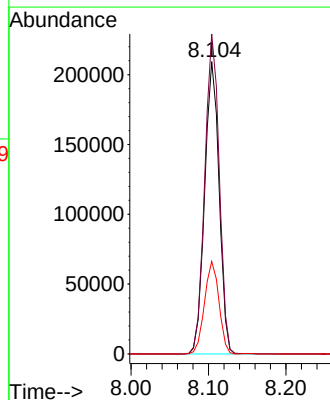
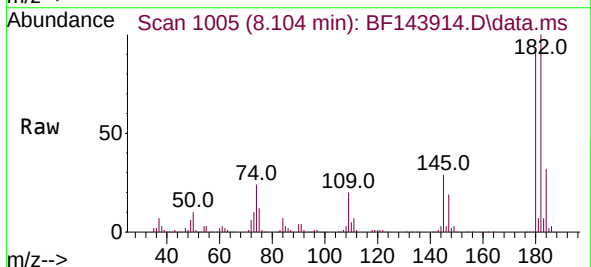
Tgt Ion:180 Resp: 271301

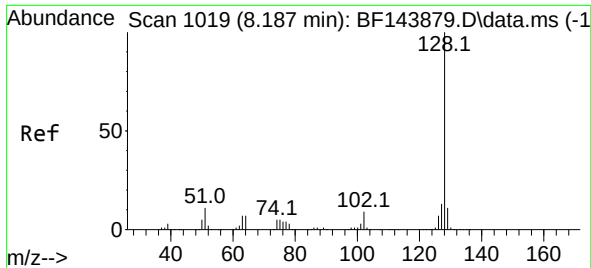
Ion Ratio Lower Upper

180 100

182 109.5 85.4 128.0

145 31.6 26.3 39.5

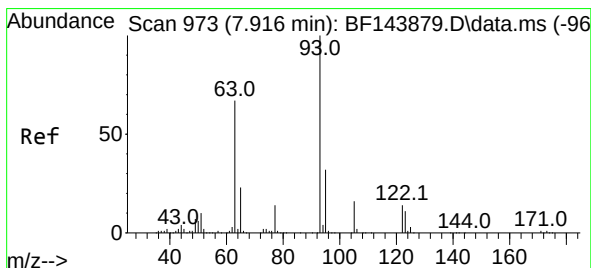
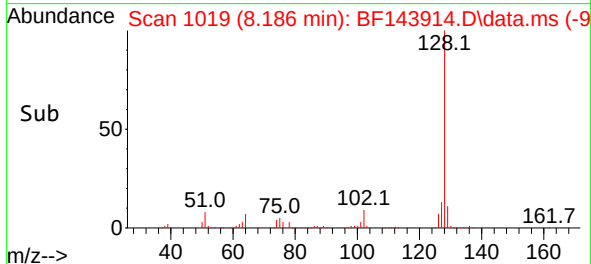
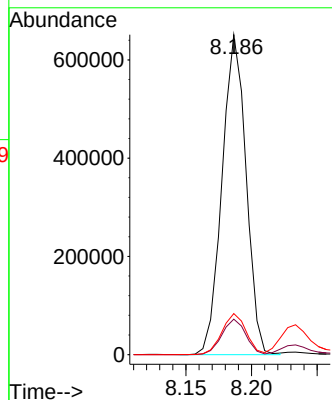
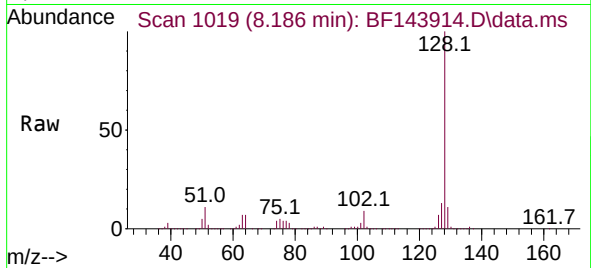




#31
Naphthalene
Concen: 51.681 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

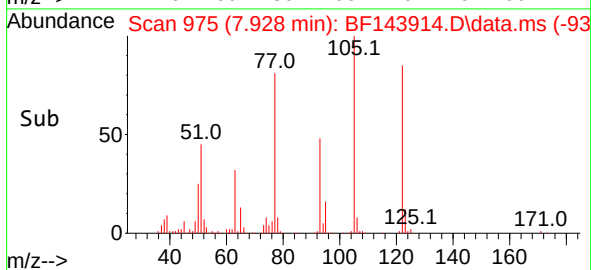
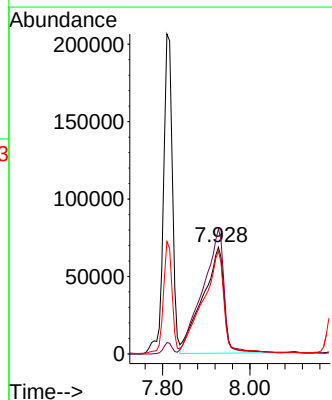
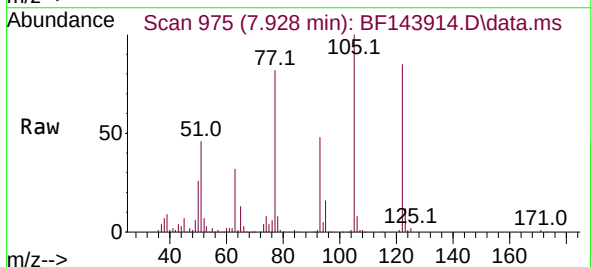
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

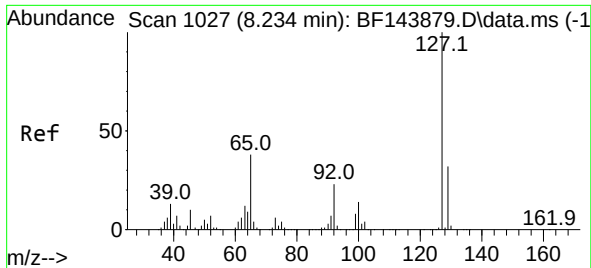
Tgt Ion:128 Resp: 831007
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.0 15.0



#32
Benzoic acid
Concen: 68.550 ng
RT: 7.928 min Scan# 975
Delta R.T. -0.035 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:122 Resp: 236404
Ion Ratio Lower Upper
122 100
105 117.3 93.5 133.5
77 96.3 76.3 116.3

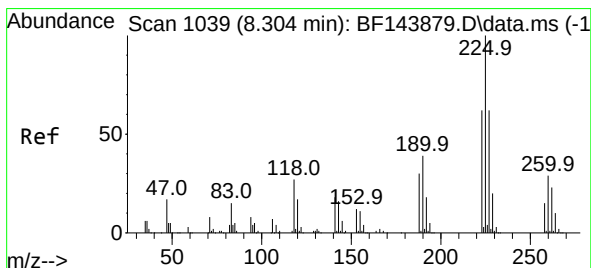
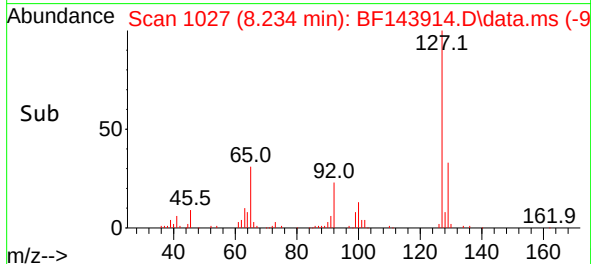
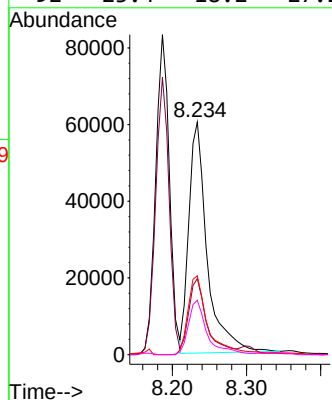
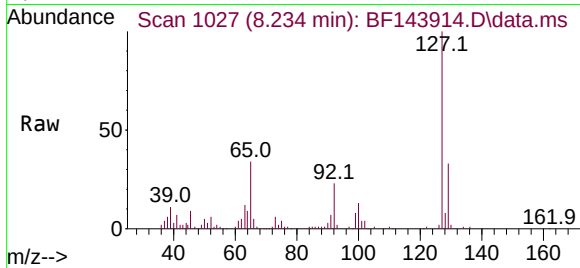




#33
4-Chloroaniline
Concen: 17.226 ng
RT: 8.234 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

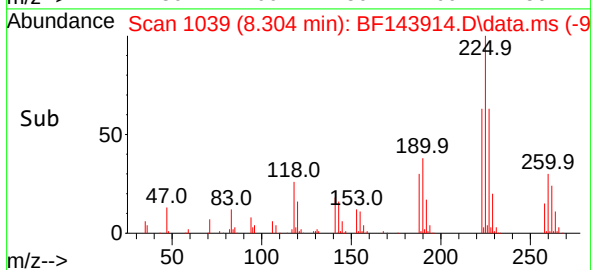
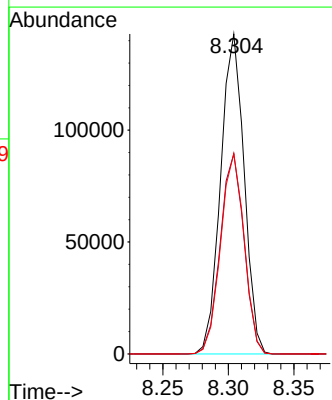
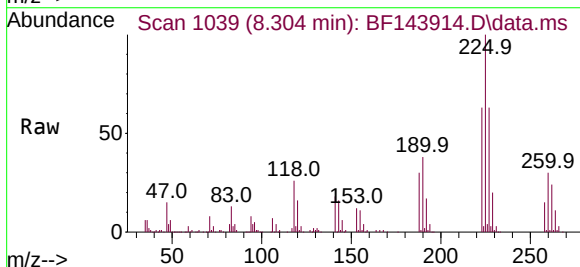
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

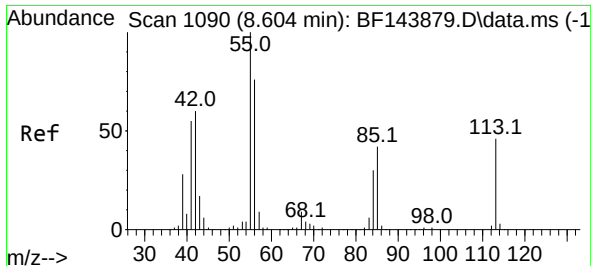
Tgt Ion:	127	Resp:	103882
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.8	38.8
65	33.9	30.0	45.0
92	23.4	18.2	27.2



#34
Hexachlorobutadiene
Concen: 50.303 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:	225	Resp:	178438
Ion	Ratio	Lower	Upper
225	100		
223	62.5	49.4	74.2
227	62.6	49.7	74.5

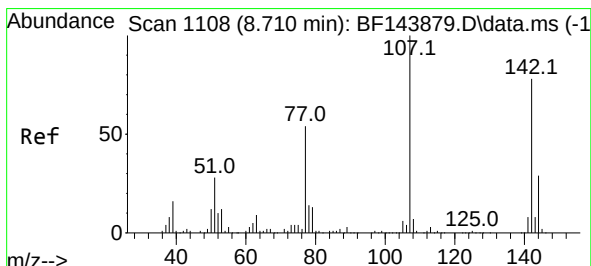
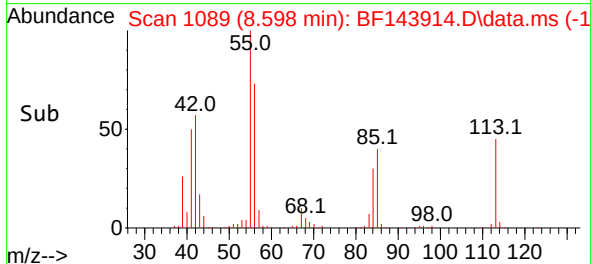
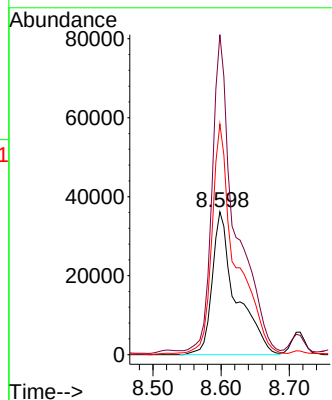
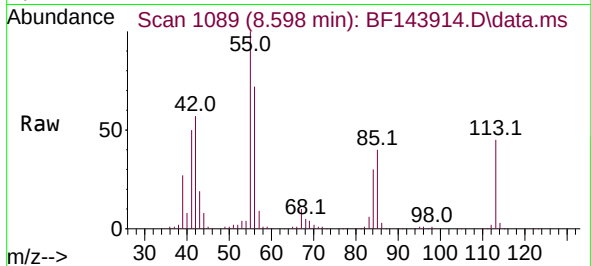




#35
 Caprolactam
 Concen: 53.183 ng
 RT: 8.598 min Scan# 1089
 Delta R.T. -0.047 min
 Lab File: BF143914.D
 Acq: 09 Oct 2025 17:45

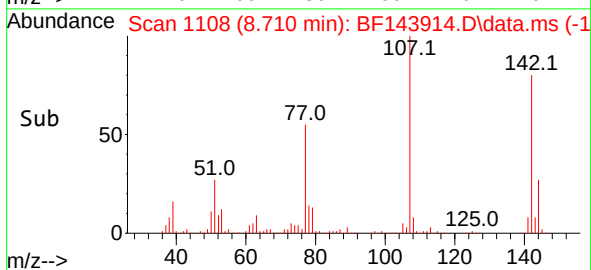
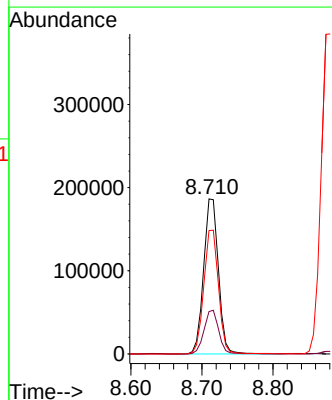
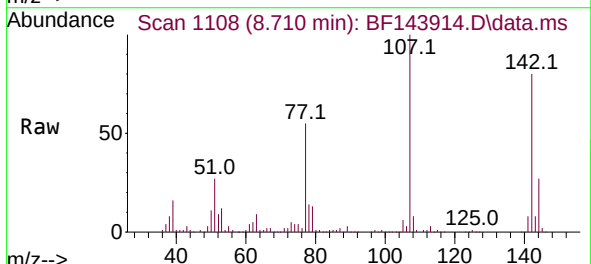
Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MSD

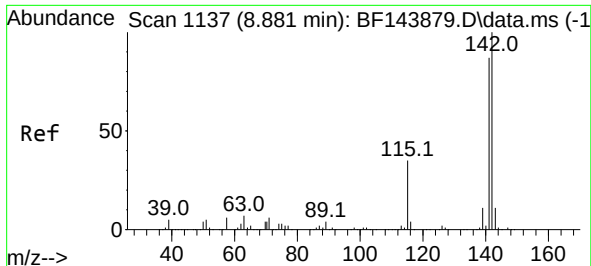
Tgt Ion:113 Resp: 87771
 Ion Ratio Lower Upper
 113 100
 55 224.1 199.6 239.6
 56 161.6 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 53.790 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143914.D
 Acq: 09 Oct 2025 17:45

Tgt Ion:107 Resp: 268185
 Ion Ratio Lower Upper
 107 100
 144 27.3 23.1 34.7
 142 79.5 62.6 94.0





#37

2-Methylnaphthalene

Concen: 48.383 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

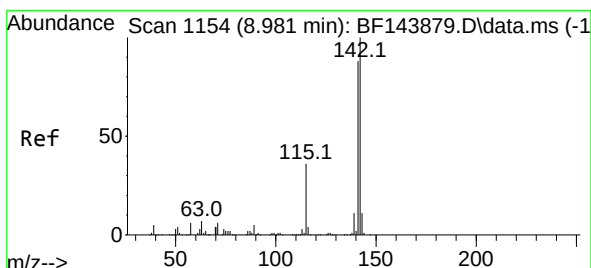
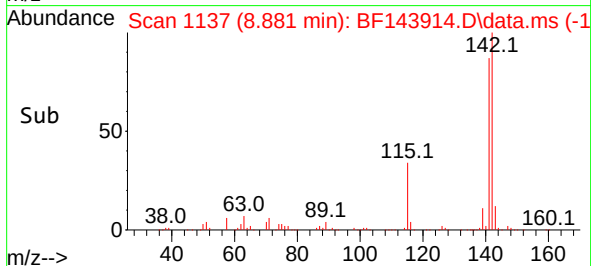
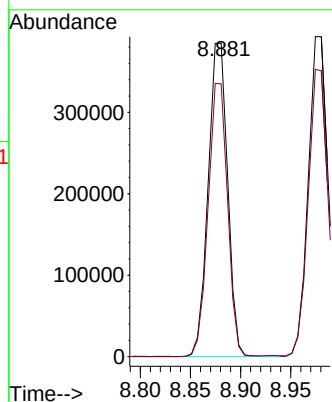
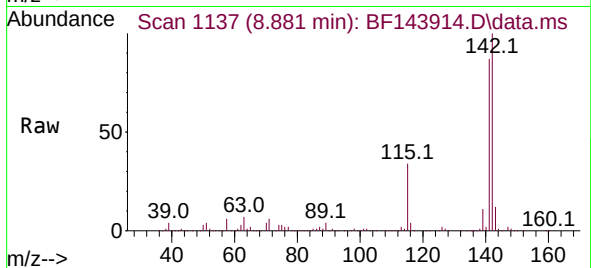
OR-658-COMP-01MSD

Tgt Ion:142 Resp: 518224

Ion Ratio Lower Upper

142 100

141 87.0 69.2 103.8



#38

1-Methylnaphthalene

Concen: 50.968 ng

RT: 8.981 min Scan# 1154

Delta R.T. -0.005 min

Lab File: BF143914.D

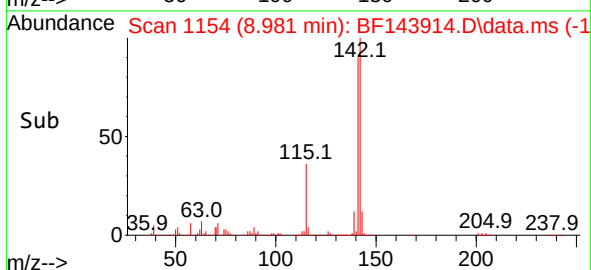
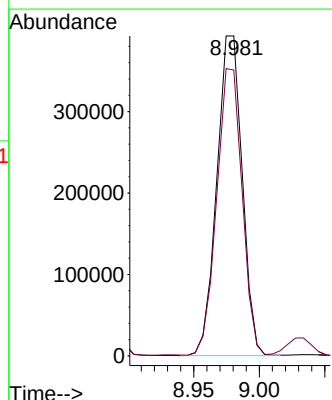
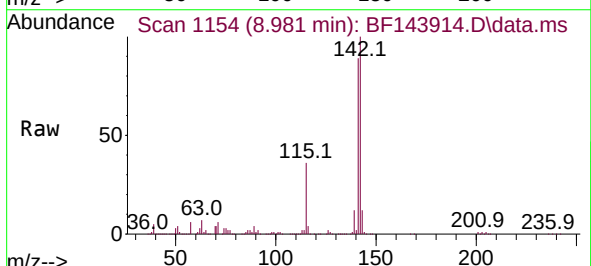
Acq: 09 Oct 2025 17:45

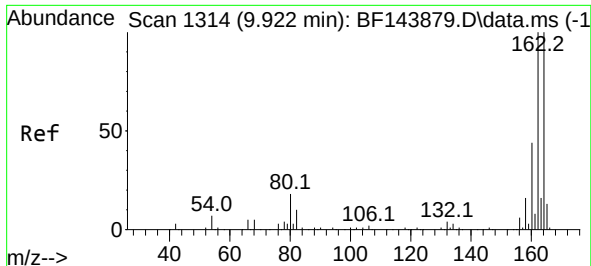
Tgt Ion:142 Resp: 529523

Ion Ratio Lower Upper

142 100

141 89.3 70.8 106.2

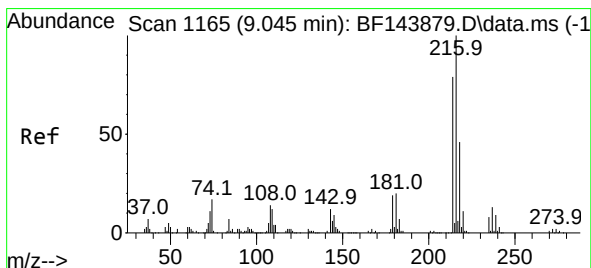
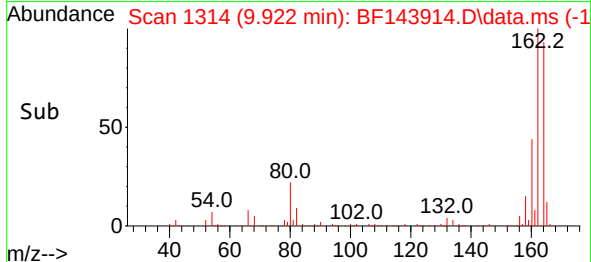
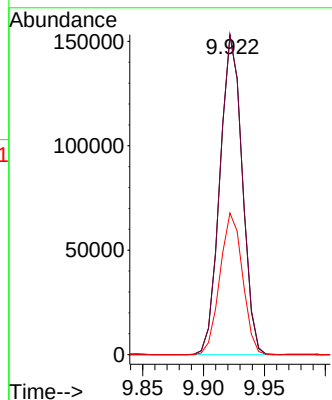
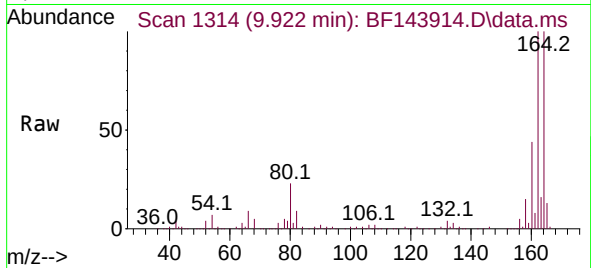




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1314
Delta R.T. -0.005 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

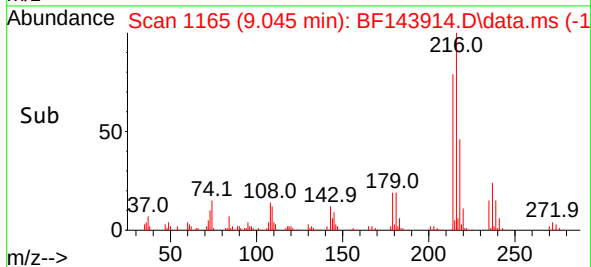
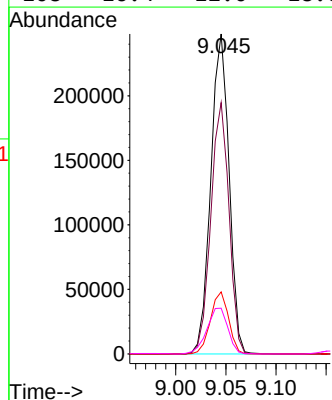
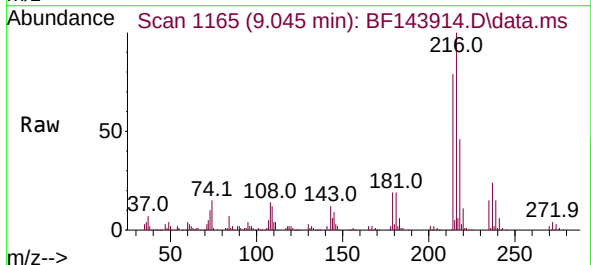
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

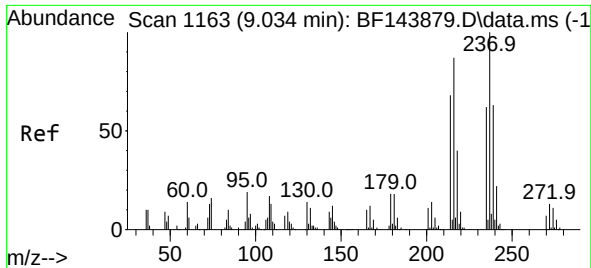
Tgt Ion:164 Resp: 194472
Ion Ratio Lower Upper
164 100
162 100.3 80.2 120.2
160 44.4 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.348 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:216 Resp: 313615
Ion Ratio Lower Upper
216 100
214 78.1 62.6 94.0
179 19.2 15.4 23.0
108 16.4 12.0 18.0

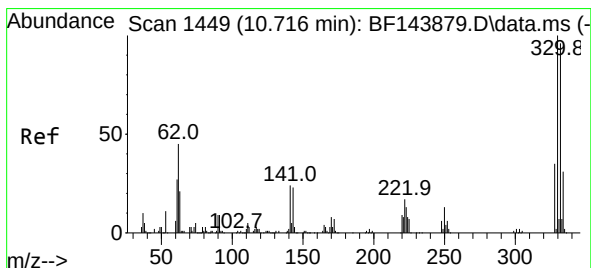
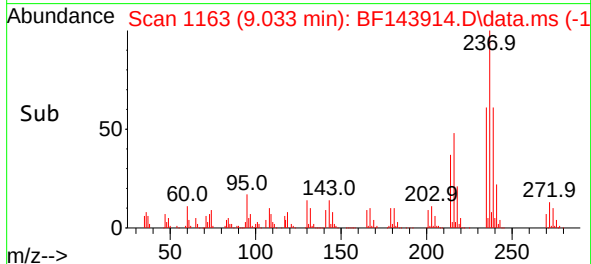
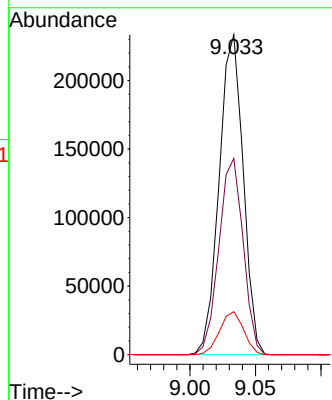
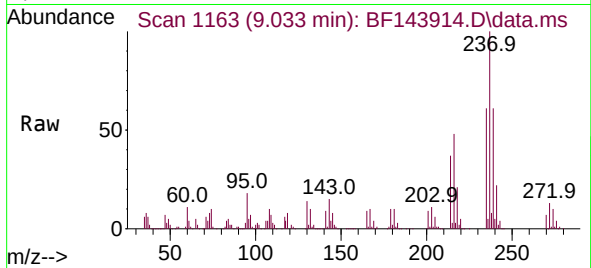




#41
Hexachlorocyclopentadiene
Concen: 133.830 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

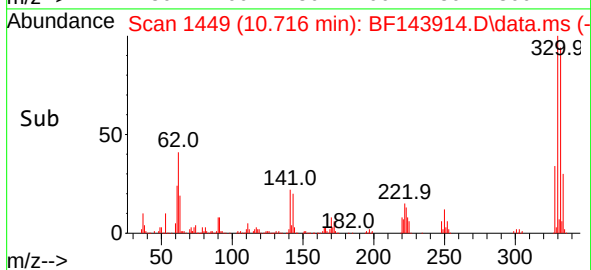
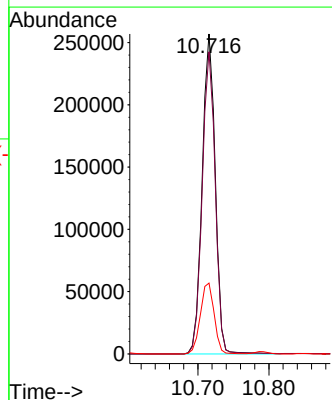
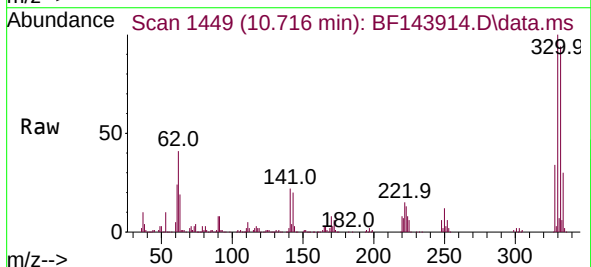
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BNA_F
ClientSampleId :
OR-658-COMP-01MSD

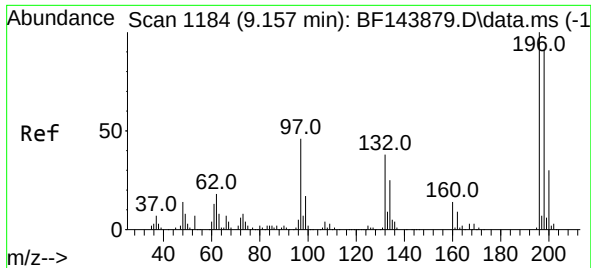
Tgt Ion:237 Resp: 298420
Ion Ratio Lower Upper
237 100
235 61.3 42.3 82.3
272 13.4 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 168.237 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:330 Resp: 325872
Ion Ratio Lower Upper
330 100
332 94.5 76.9 115.3
141 23.4 20.2 30.4

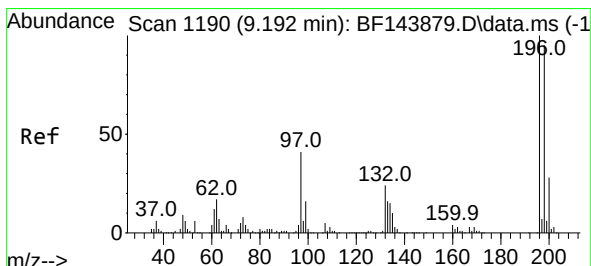
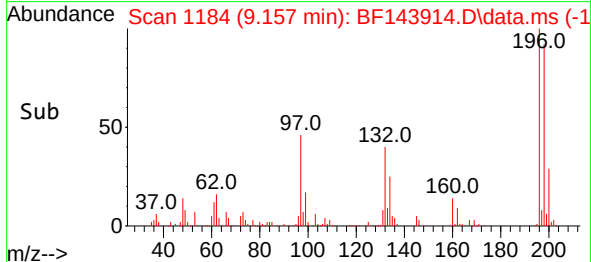
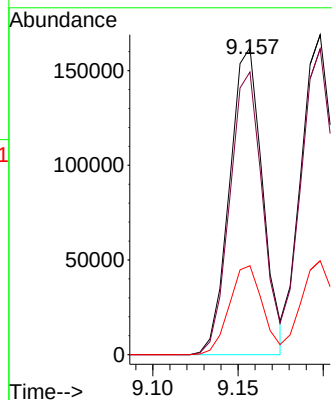
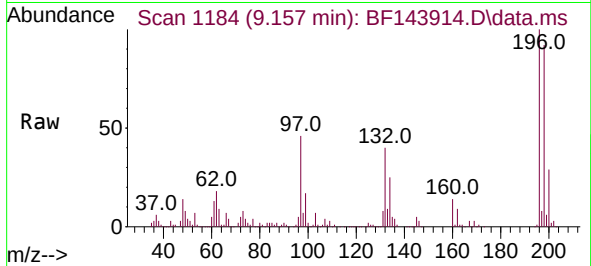




#43
2,4,6-Trichlorophenol
Concen: 55.574 ng
RT: 9.157 min Scan# 1184
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

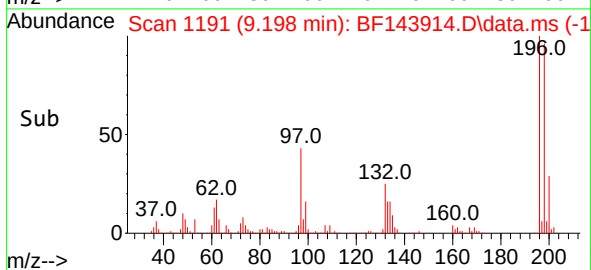
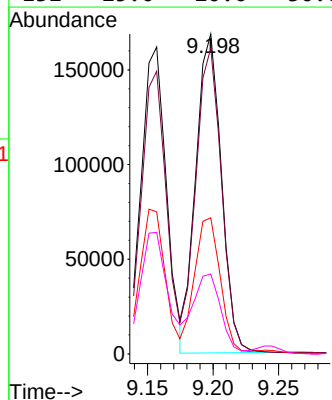
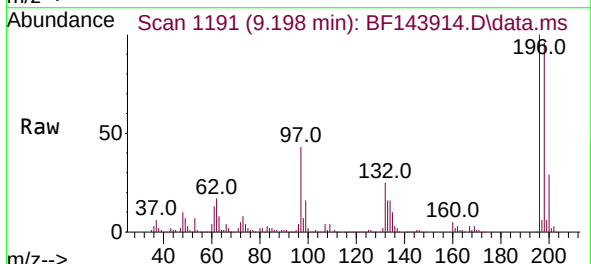
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

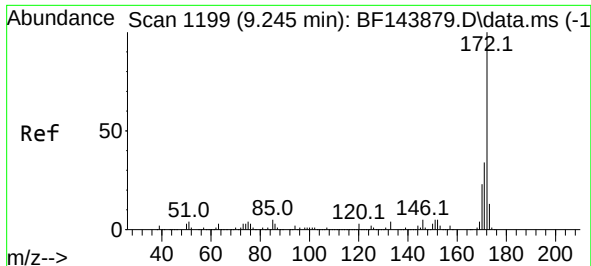
Tgt Ion:196 Resp: 218253
Ion Ratio Lower Upper
196 100
198 92.1 72.8 109.2
200 28.9 24.0 36.0



#44
2,4,5-Trichlorophenol
Concen: 55.040 ng
RT: 9.198 min Scan# 1191
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:196 Resp: 228426
Ion Ratio Lower Upper
196 100
198 95.6 75.5 113.3
97 42.5 33.9 50.9
132 25.0 20.0 30.0

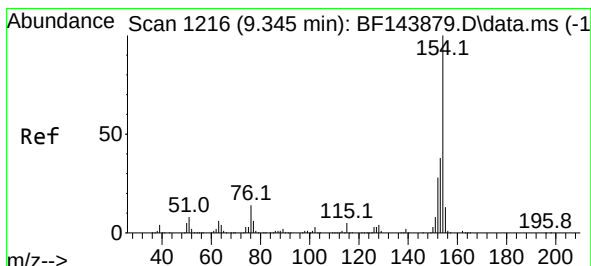
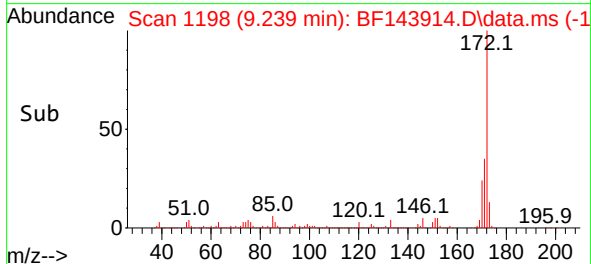
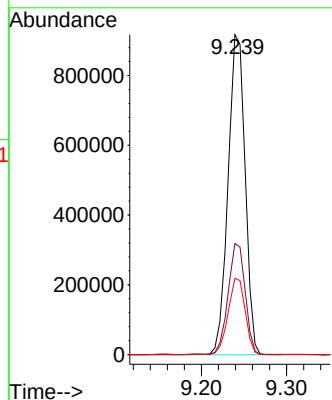
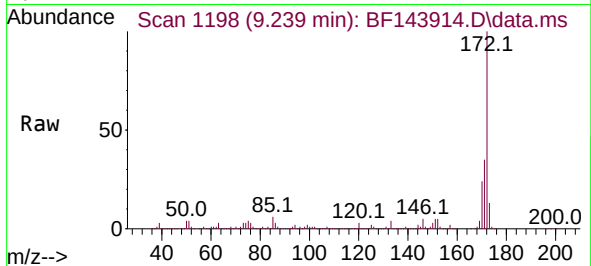




#45
2-Fluorobiphenyl
Concen: 103.933 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

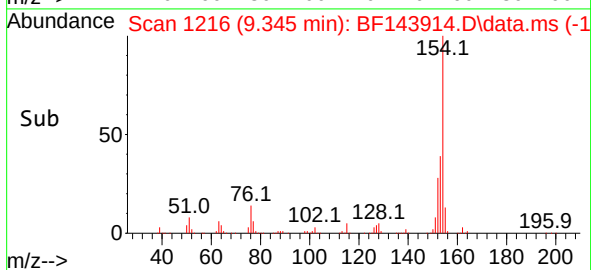
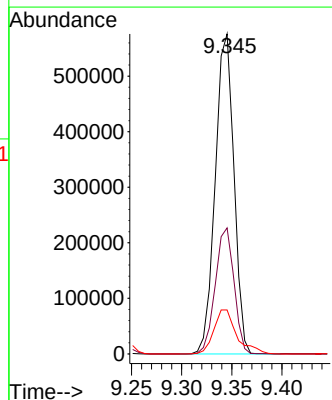
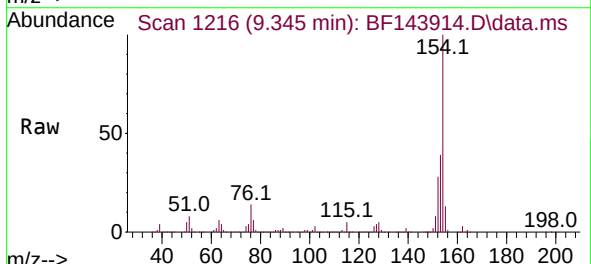
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

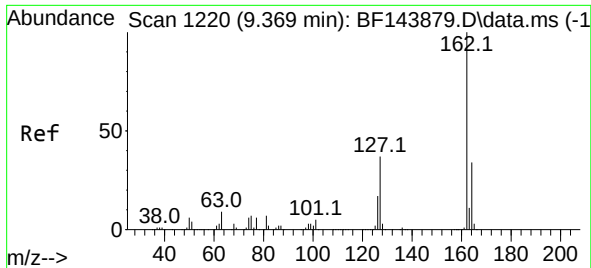
Tgt Ion:172 Resp: 1273807
Ion Ratio Lower Upper
172 100
171 34.7 27.4 41.0
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 58.115 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:154 Resp: 748281
Ion Ratio Lower Upper
154 100
153 39.4 18.4 58.4
76 13.7 0.0 34.0

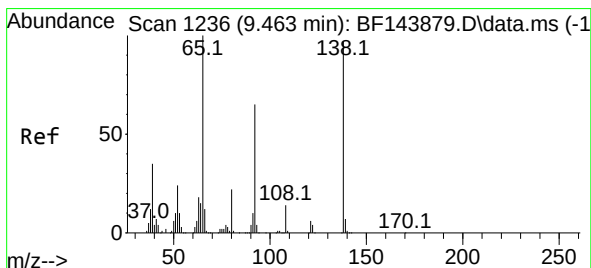
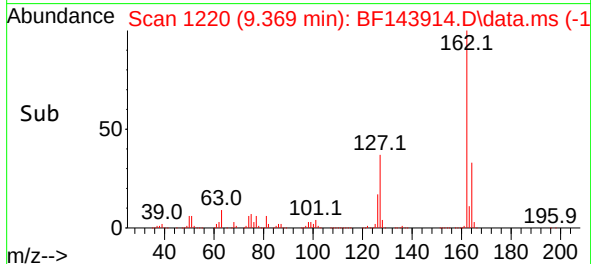
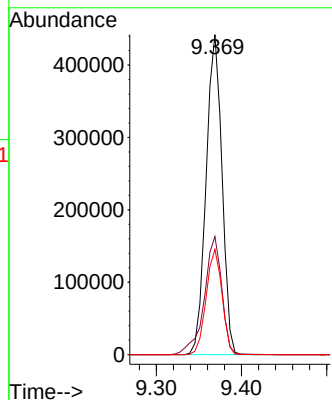
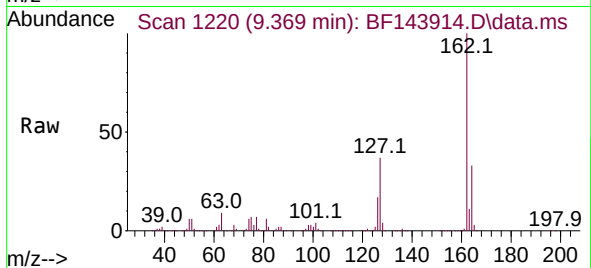




#47
2-Chloronaphthalene
Concen: 53.266 ng
RT: 9.369 min Scan# 1220
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

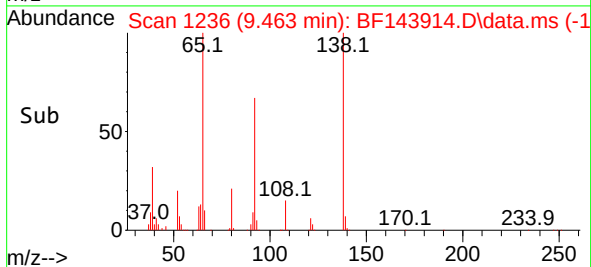
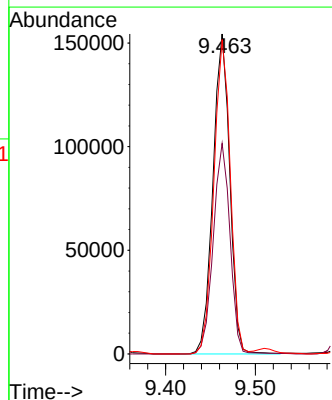
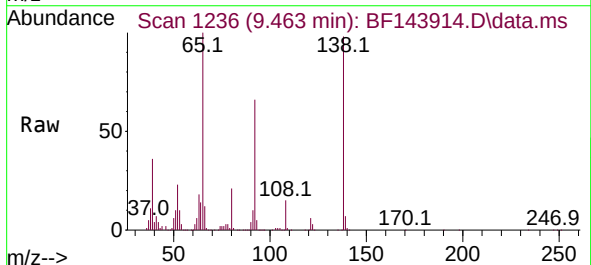
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

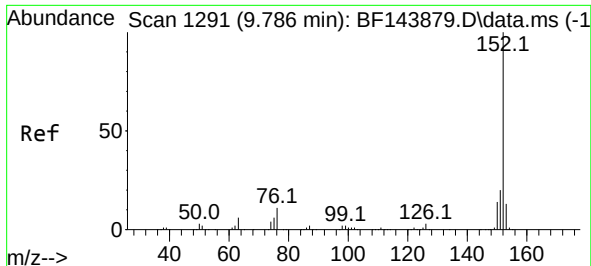
Tgt Ion:162 Resp: 571828
Ion Ratio Lower Upper
162 100
127 36.9 30.2 45.2
164 32.9 26.9 40.3



#48
2-Nitroaniline
Concen: 59.567 ng
RT: 9.463 min Scan# 1236
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion: 65 Resp: 202173
Ion Ratio Lower Upper
65 100
92 65.8 52.1 78.1
138 98.2 77.4 116.2

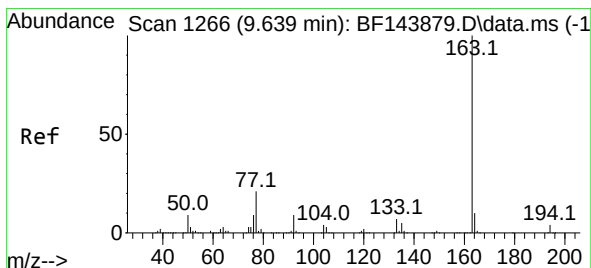
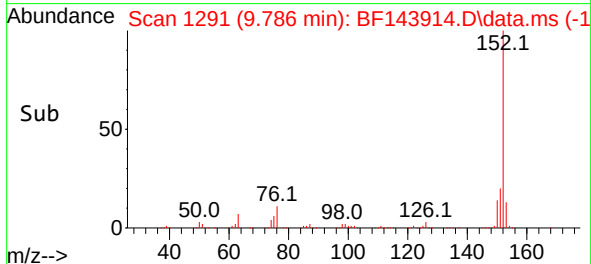
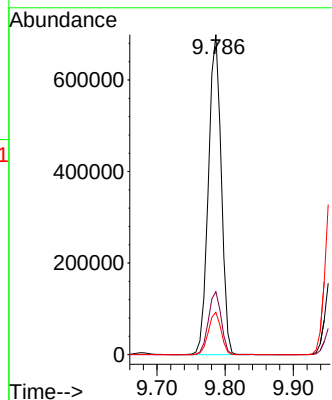
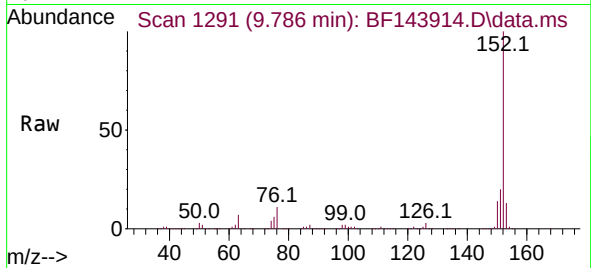




#49
Acenaphthylene
Concen: 60.454 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

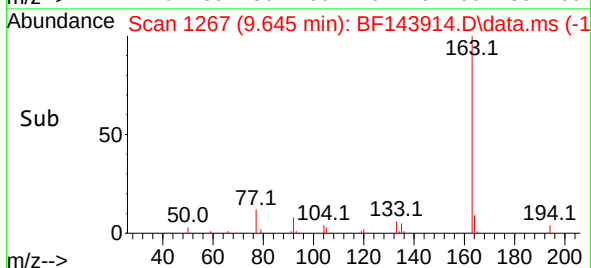
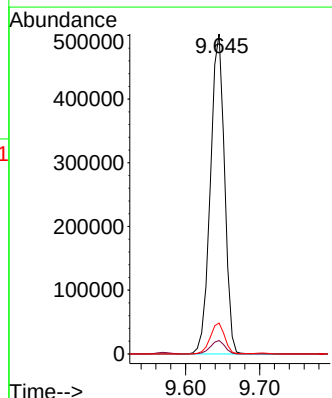
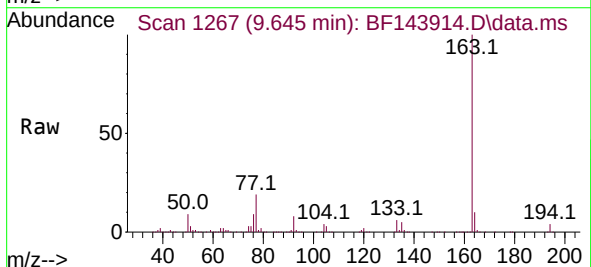
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

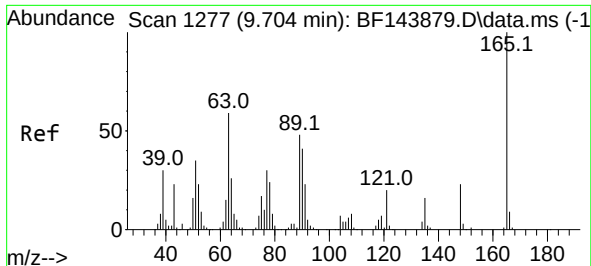
Tgt Ion:152 Resp: 912390
Ion Ratio Lower Upper
152 100
151 19.7 15.8 23.6
153 13.2 10.5 15.7



#50
Dimethylphthalate
Concen: 53.869 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:163 Resp: 665264
Ion Ratio Lower Upper
163 100
194 4.2 3.3 4.9
164 9.6 8.1 12.1

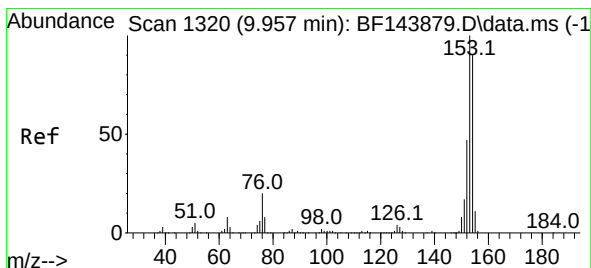
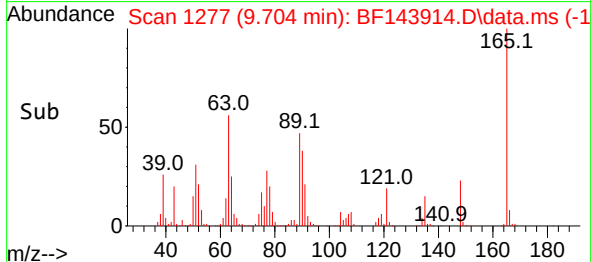
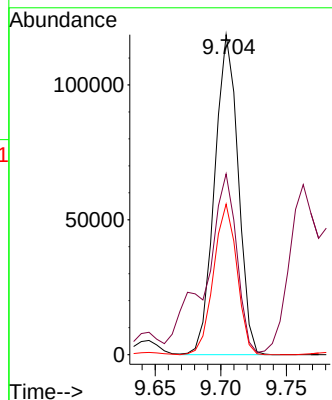
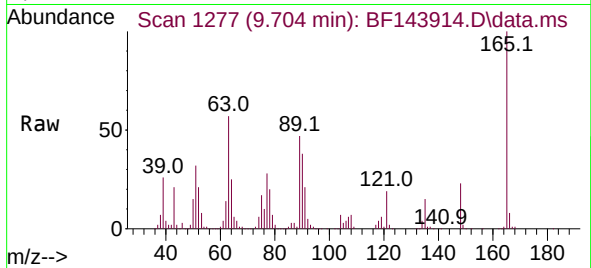




#51
2,6-Dinitrotoluene
Concen: 64.724 ng
RT: 9.704 min Scan# 1277
Delta R.T. -0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

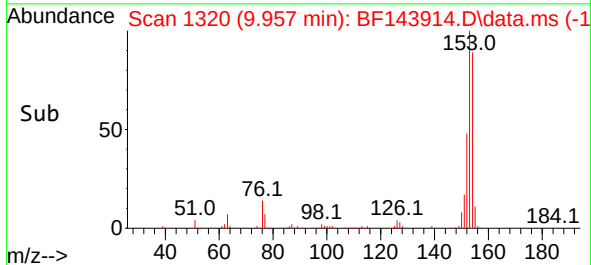
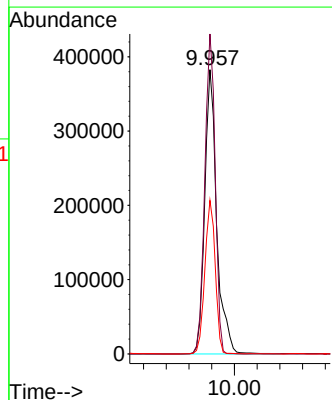
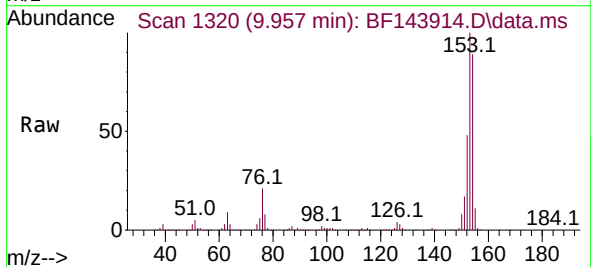
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

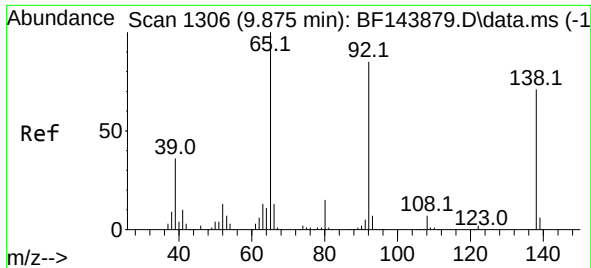
Tgt Ion:165 Resp: 148219
Ion Ratio Lower Upper
165 100
63 56.5 47.3 70.9
89 47.0 38.2 57.4



#52
Acenaphthene
Concen: 56.941 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:154 Resp: 563109
Ion Ratio Lower Upper
154 100
153 112.6 89.3 133.9
152 54.0 42.2 63.2

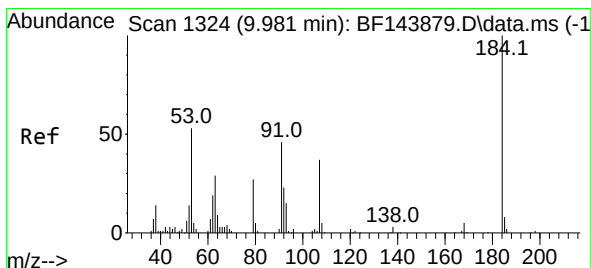
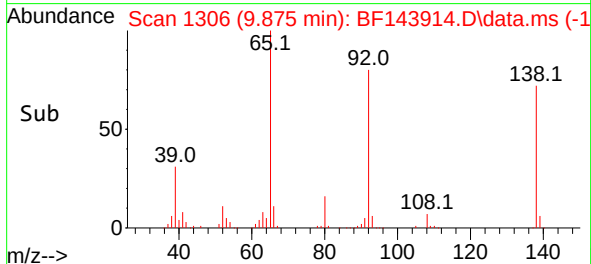
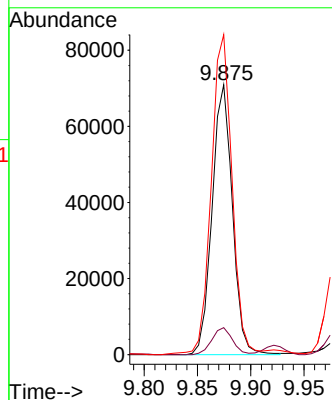
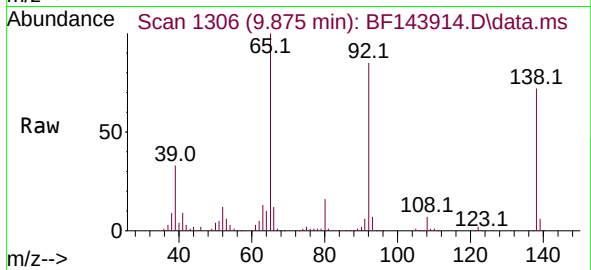




#53
3-Nitroaniline
Concen: 33.555 ng
RT: 9.875 min Scan# 1306
Delta R.T. -0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

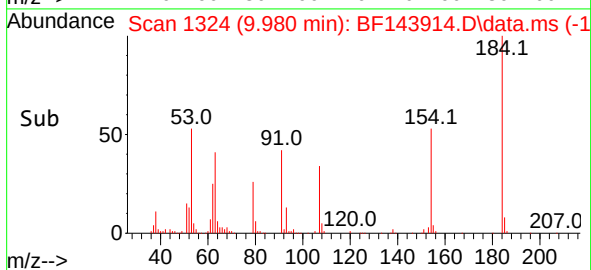
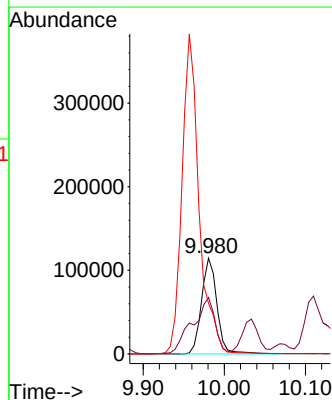
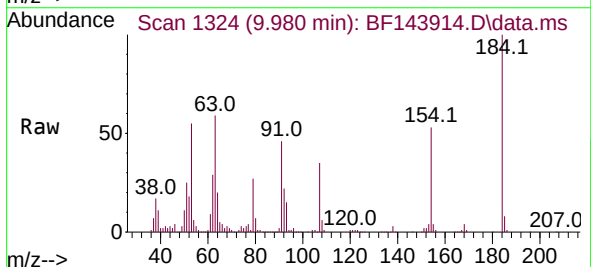
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

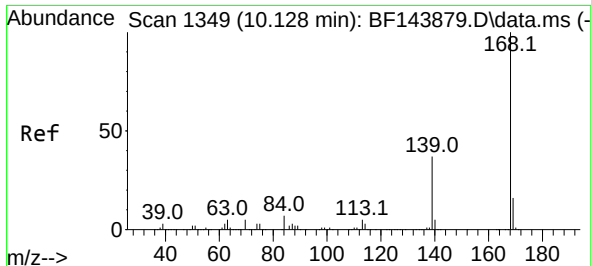
Tgt Ion:138 Resp: 94089
Ion Ratio Lower Upper
138 100
108 10.0 8.3 12.5
92 118.6 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 104.683 ng
RT: 9.980 min Scan# 1324
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:184 Resp: 151184
Ion Ratio Lower Upper
184 100
63 58.9 48.2 72.4
154 52.8 49.2 73.8





#55

Dibenzofuran

Concen: 53.467 ng

RT: 10.128 min Scan# 1349

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD

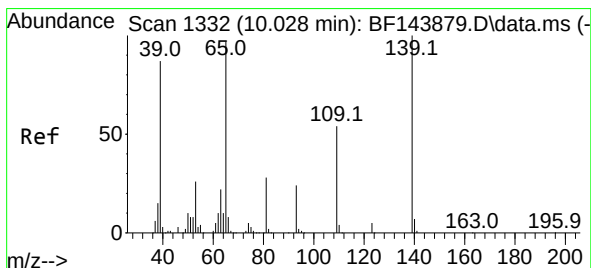
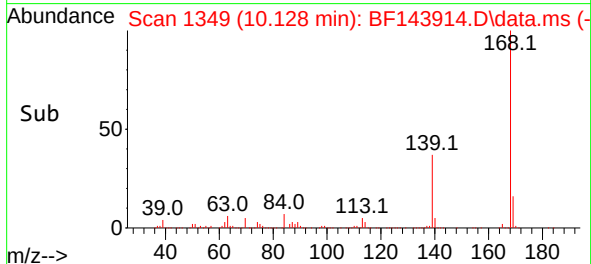
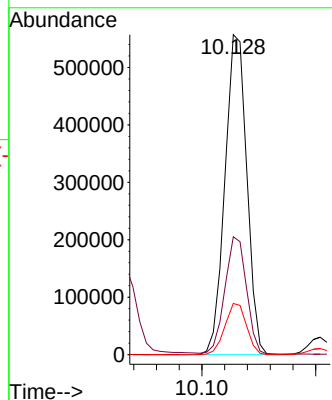
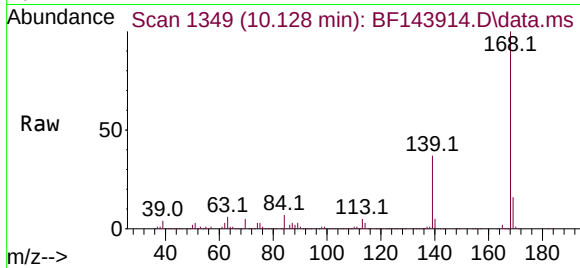
Tgt Ion:168 Resp: 746394

Ion Ratio Lower Upper

168 100

139 36.8 29.8 44.8

169 16.0 12.8 19.2



#56

4-Nitrophenol

Concen: 102.157 ng

RT: 10.033 min Scan# 1333

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

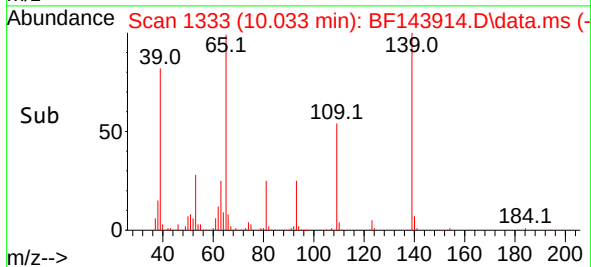
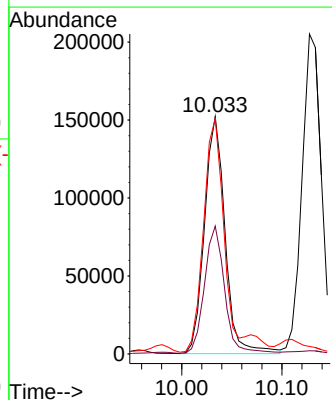
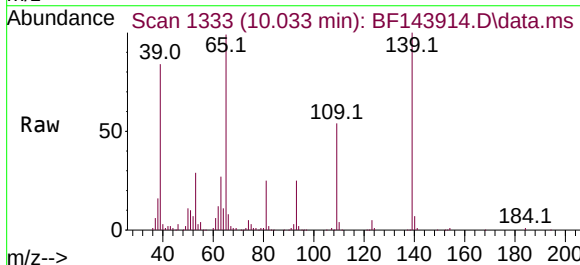
Tgt Ion:139 Resp: 216891

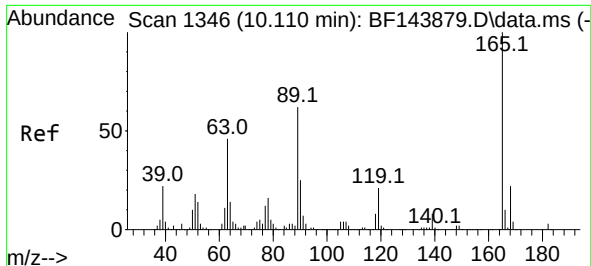
Ion Ratio Lower Upper

139 100

109 53.8 34.5 74.5

65 99.1 77.6 117.6

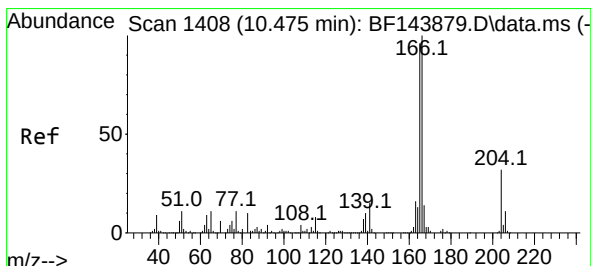
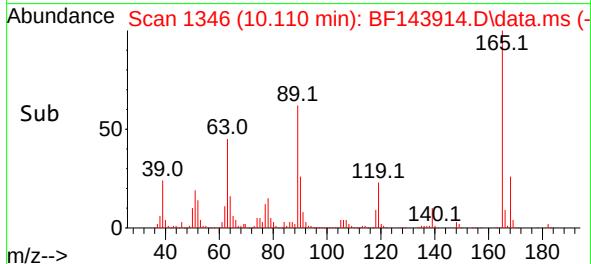
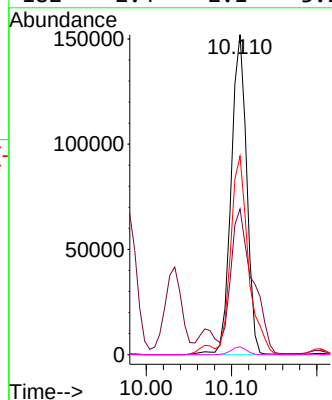
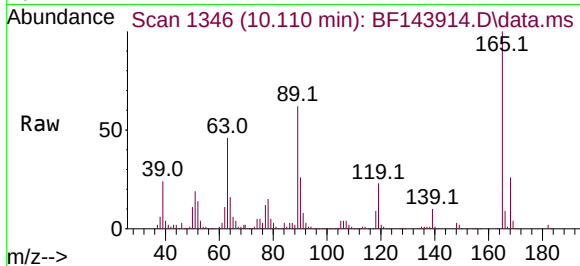




#57
2,4-Dinitrotoluene
Concen: 61.782 ng
RT: 10.110 min Scan# 1346
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

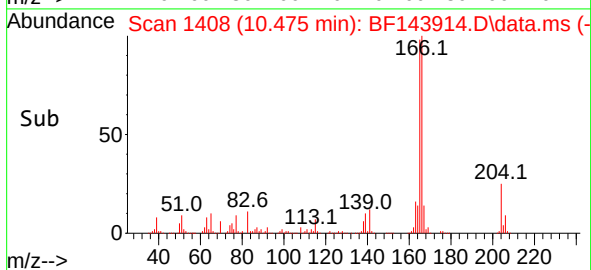
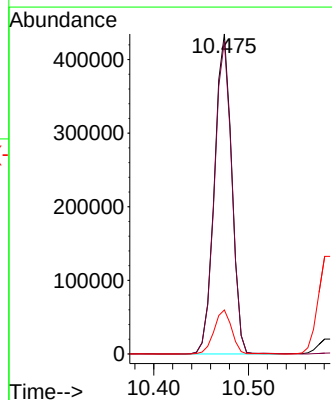
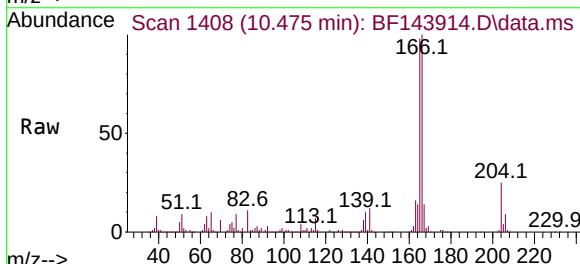
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

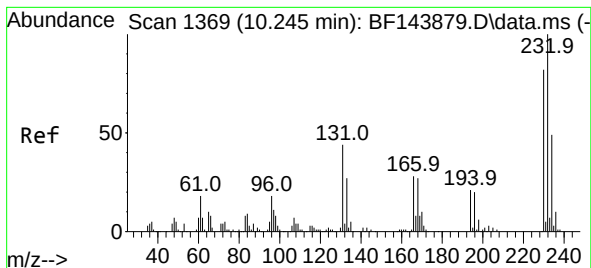
Tgt Ion:165	Resp:	192505
Ion Ratio	Lower	Upper
165	100	
63	45.5	37.2 55.8
89	62.0	49.4 74.2
182	2.4	2.1 3.1



#58
Fluorene
Concen: 52.228 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:166	Resp:	550151
Ion Ratio	Lower	Upper
166	100	
165	97.8	77.0 115.6
167	13.7	11.1 16.7

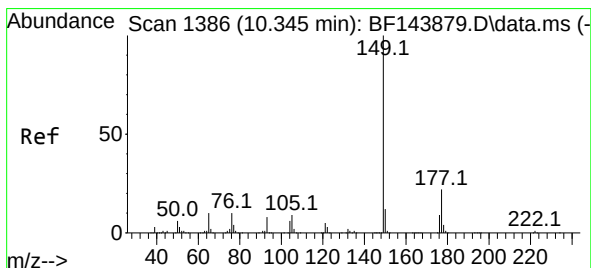
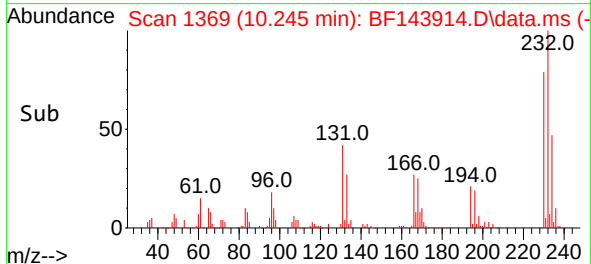
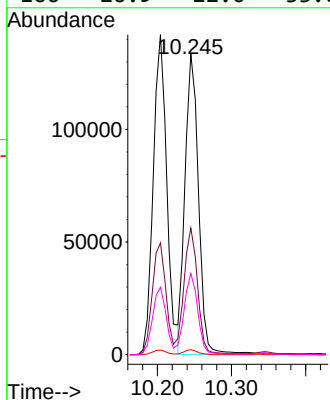
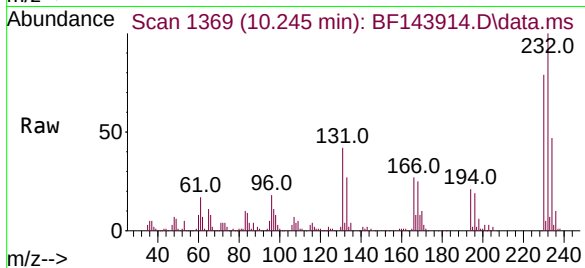




#59
2,3,4,6-Tetrachlorophenol
Concen: 57.248 ng
RT: 10.245 min Scan# 1369
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

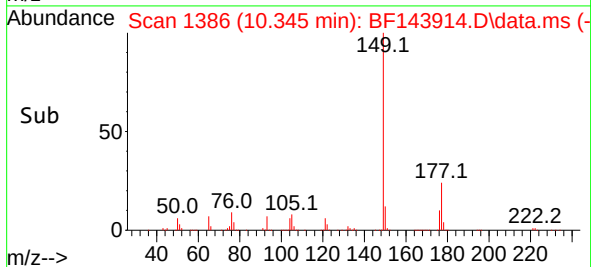
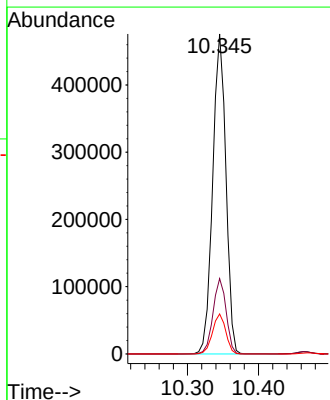
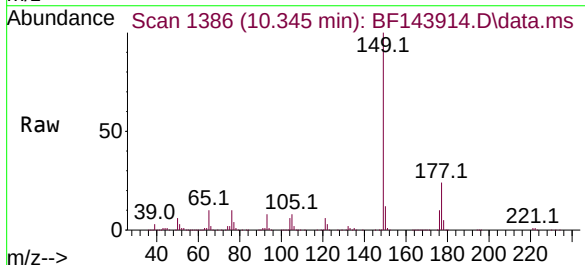
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

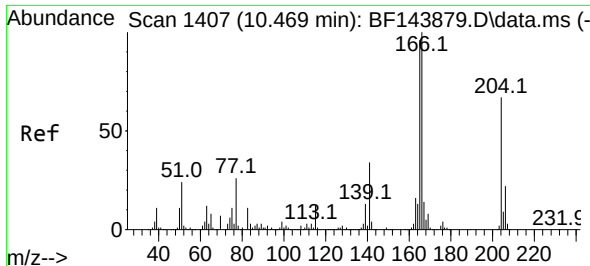
Tgt Ion:232 Resp: 168183
Ion Ratio Lower Upper
232 100
131 42.9 34.9 52.3
130 1.7 1.6 2.4
166 26.9 22.0 33.0



#60
Diethylphthalate
Concen: 53.704 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:149 Resp: 616154
Ion Ratio Lower Upper
149 100
177 23.5 17.9 26.9
150 12.5 9.8 14.8

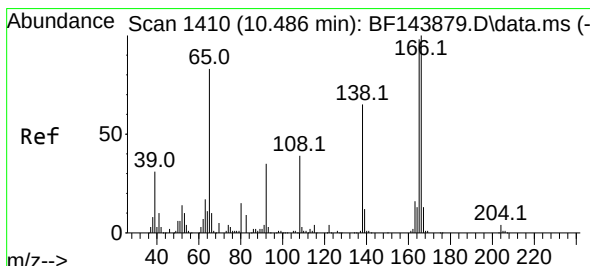
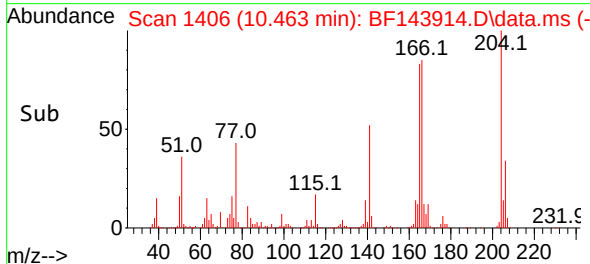
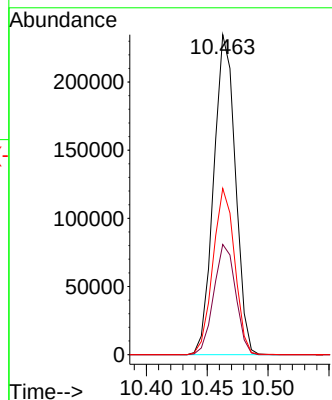
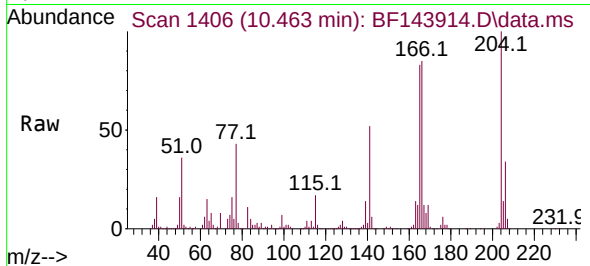




#61
4-Chlorophenyl-phenylether
Concen: 52.333 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

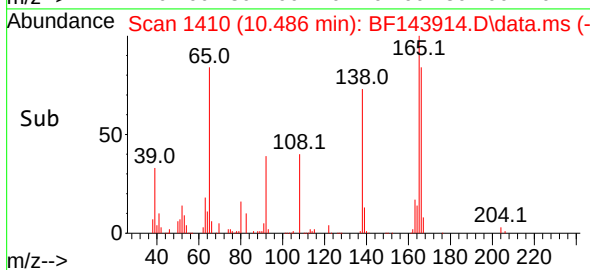
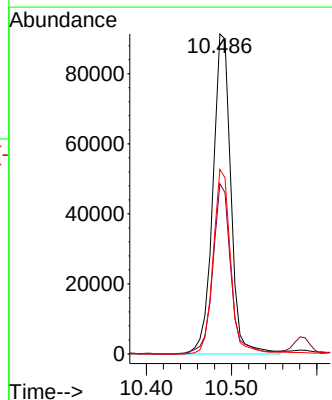
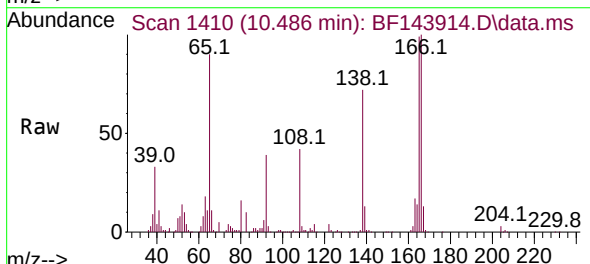
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

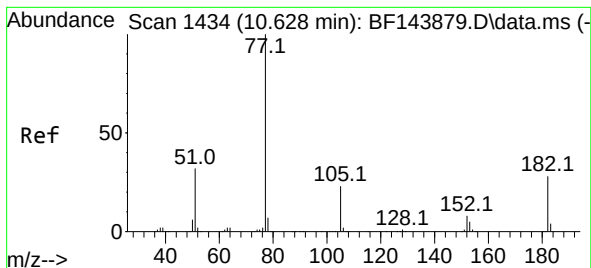
Tgt Ion:204 Resp: 291447
Ion Ratio Lower Upper
204 100
206 34.5 26.6 40.0
141 51.9 40.4 60.6



#62
4-Nitroaniline
Concen: 49.617 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:138 Resp: 133789
Ion Ratio Lower Upper
138 100
92 53.2 33.9 73.9
108 57.7 40.2 80.2





#63

Azobenzene

Concen: 54.500 ng

RT: 10.627 min Scan# 14

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD

Tgt Ion: 77 Resp: 653508

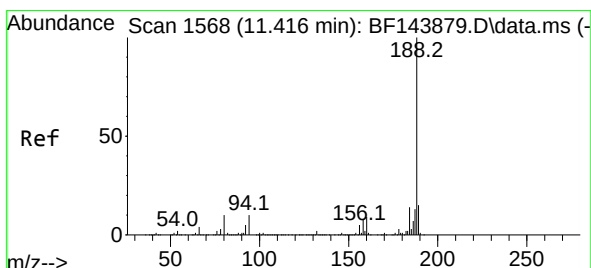
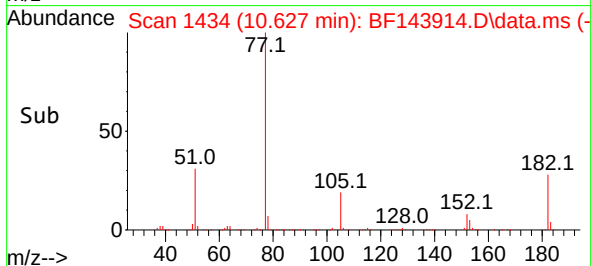
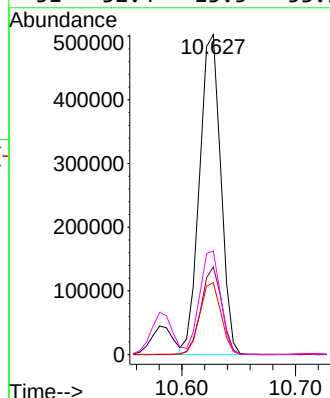
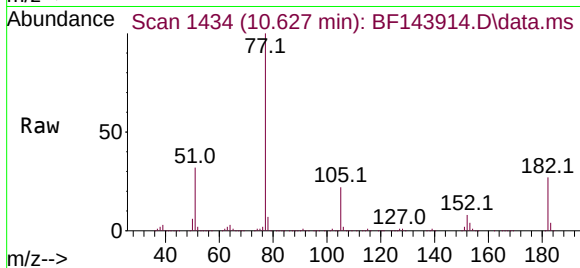
Ion Ratio Lower Upper

77 100

182 27.4 7.3 47.3

105 22.5 3.0 43.0

51 32.4 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: BF143914.D

Acq: 09 Oct 2025 17:45

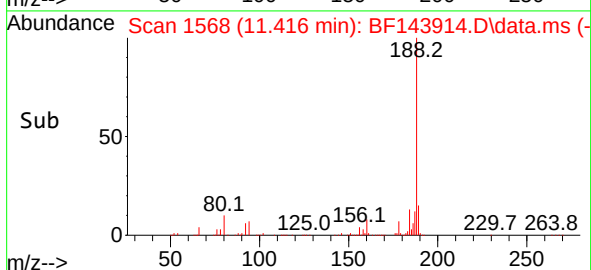
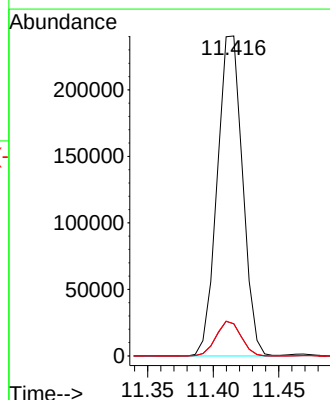
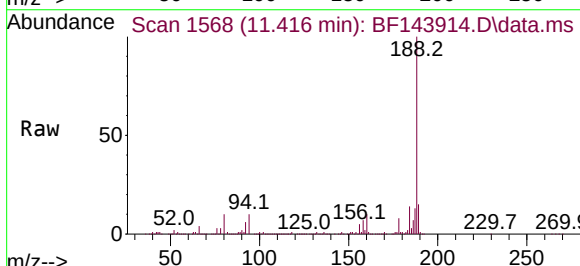
Tgt Ion:188 Resp: 324281

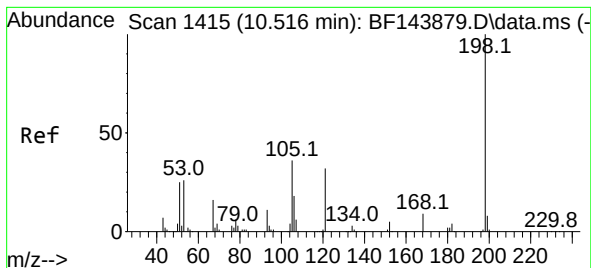
Ion Ratio Lower Upper

188 100

94 10.1 7.8 11.6

80 10.0 7.9 11.9

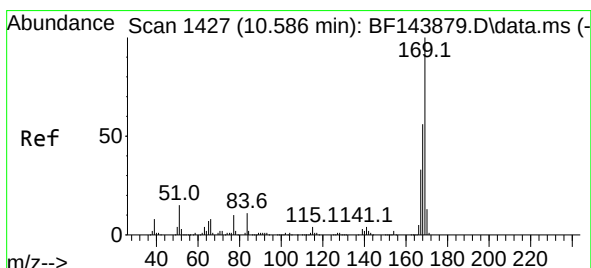
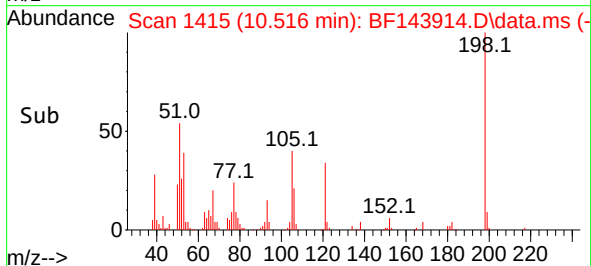
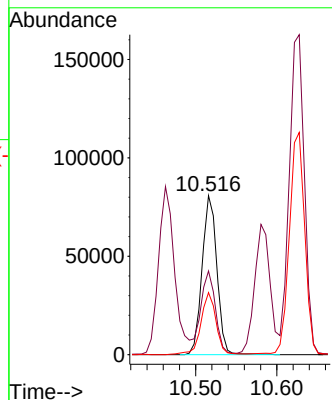
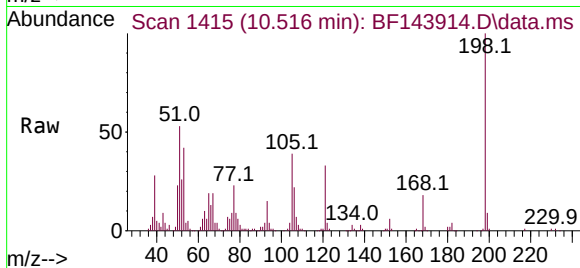




#65
4,6-Dinitro-2-methylphenol
Concen: 62.736 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

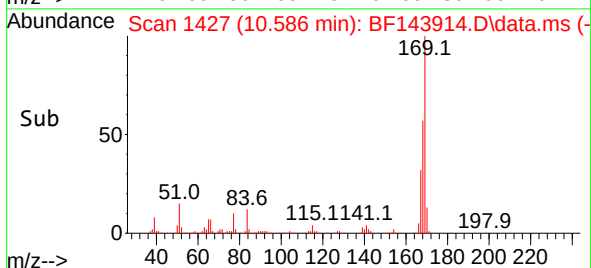
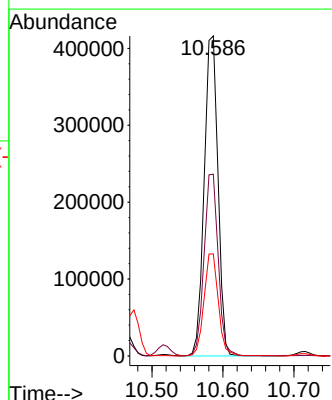
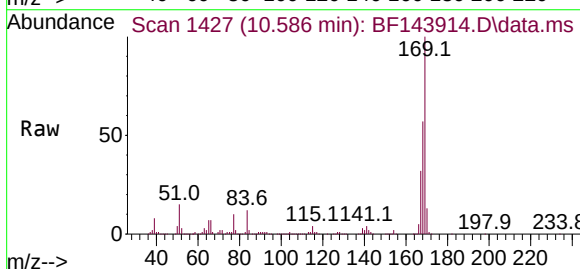
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

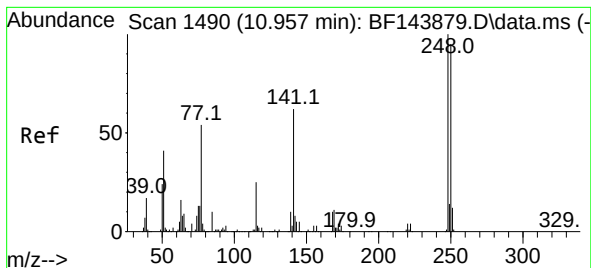
Tgt Ion:198 Resp: 102234
Ion Ratio Lower Upper
198 100
51 52.6 33.8 73.8
105 39.0 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 54.753 ng
RT: 10.586 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

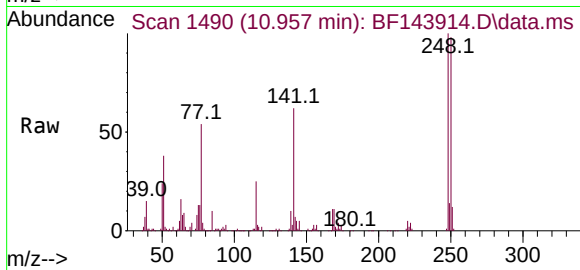
Tgt Ion:169 Resp: 557500
Ion Ratio Lower Upper
169 100
168 56.8 44.9 67.3
167 31.9 26.3 39.5



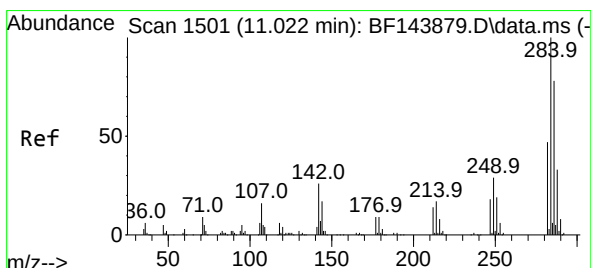
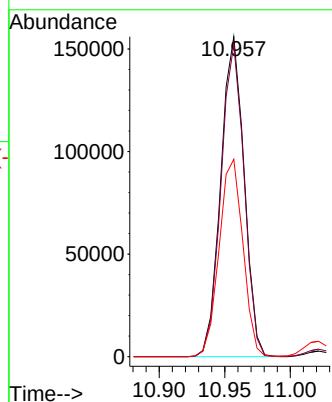
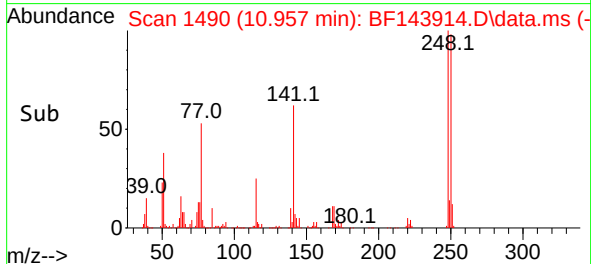


#67
4-Bromophenyl-phenylether
Concen: 53.949 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

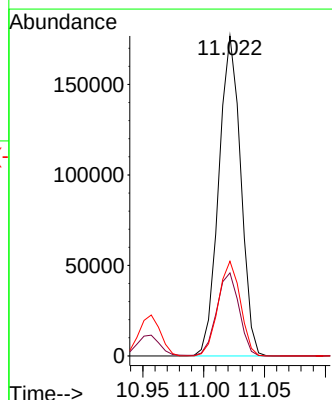
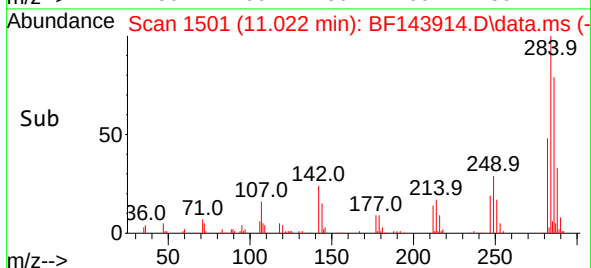
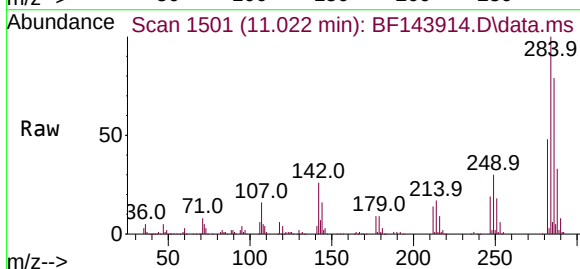


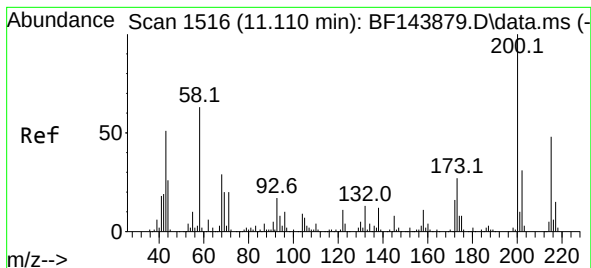
Tgt Ion:248 Resp: 193343
Ion Ratio Lower Upper
248 100
250 97.6 76.3 114.5
141 61.7 49.7 74.5



#68
Hexachlorobenzene
Concen: 53.479 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:284 Resp: 221884
Ion Ratio Lower Upper
284 100
142 25.9 20.6 30.8
249 29.6 23.2 34.8





#69

Atrazine

Concen: 53.023 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD

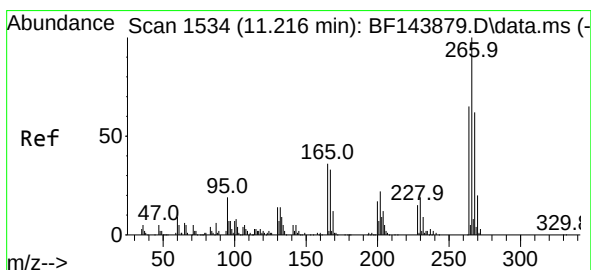
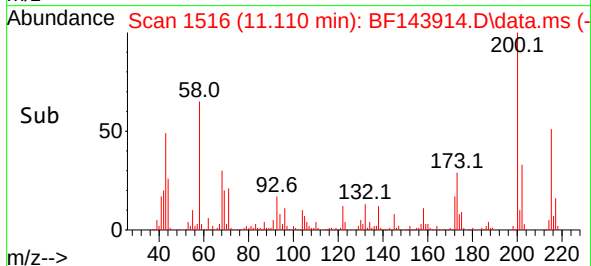
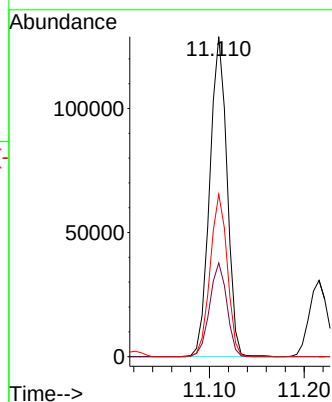
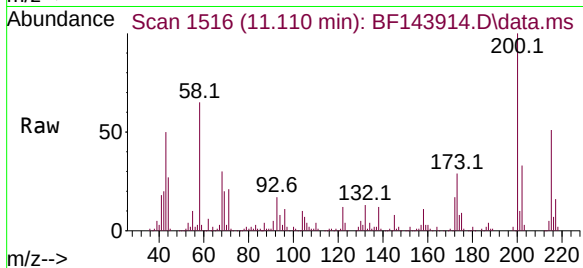
Tgt Ion:200 Resp: 163636

Ion Ratio Lower Upper

200 100

173 29.3 7.0 47.0

215 50.7 27.8 67.8



#70

Pentachlorophenol

Concen: 108.434 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

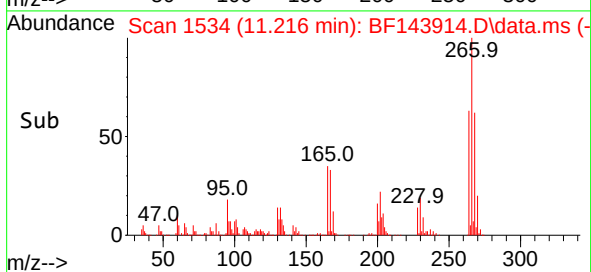
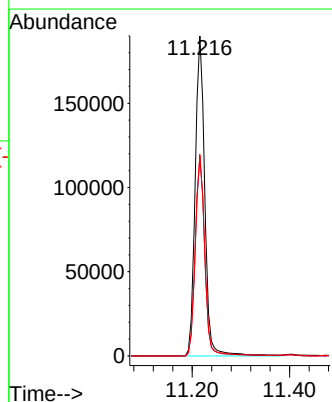
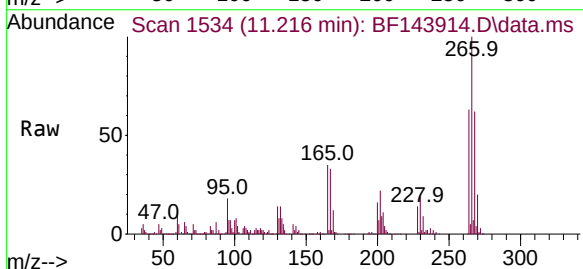
Tgt Ion:266 Resp: 258387

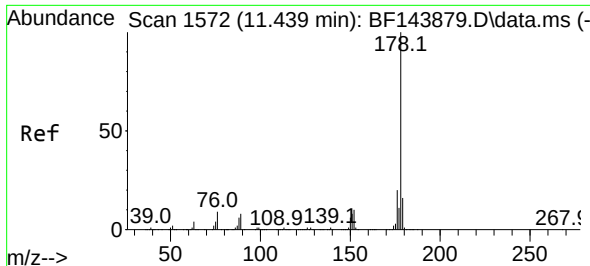
Ion Ratio Lower Upper

266 100

268 62.0 49.4 74.0

264 63.0 51.8 77.6

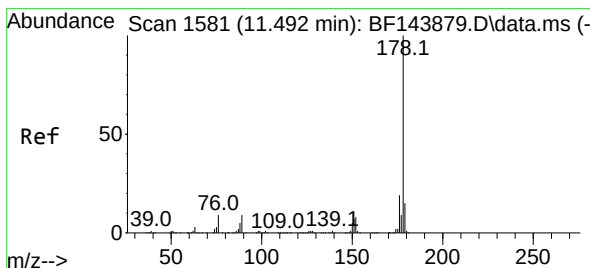
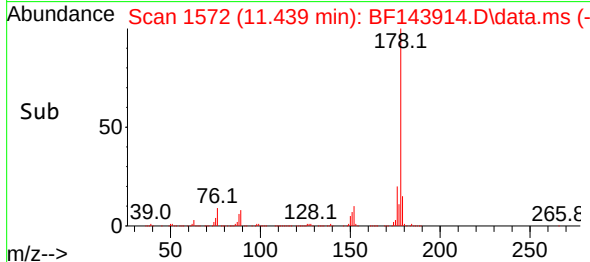
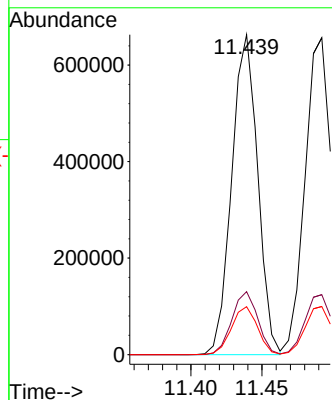
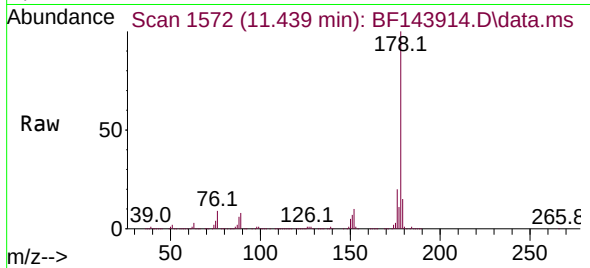




#71
Phenanthrene
Concen: 53.592 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

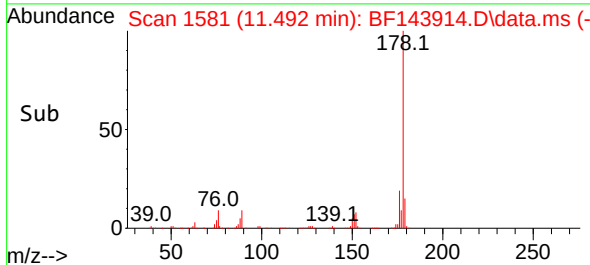
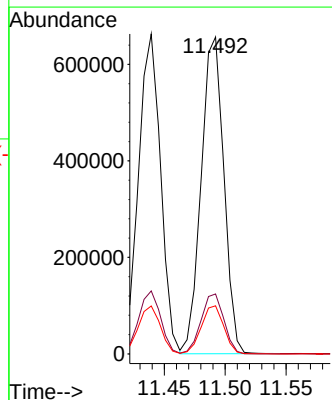
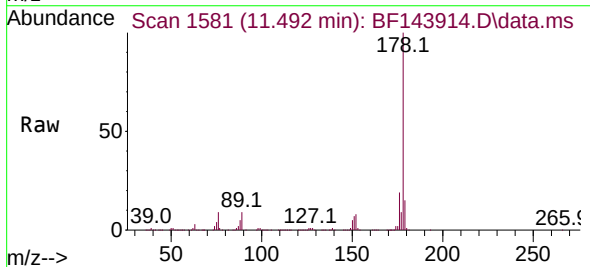
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

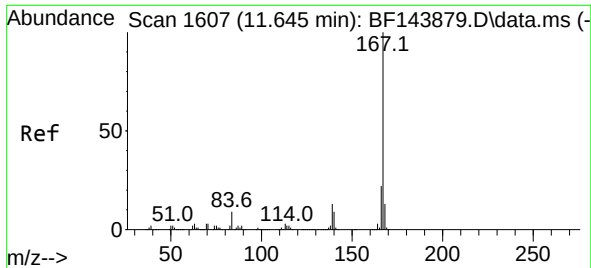
Tgt Ion:178 Resp: 842527
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 15.0 12.4 18.6



#72
Anthracene
Concen: 53.689 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:178 Resp: 852698
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 15.2 12.2 18.2

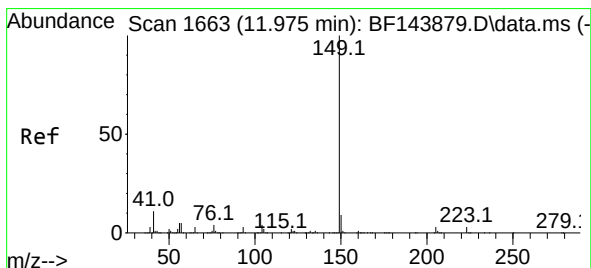
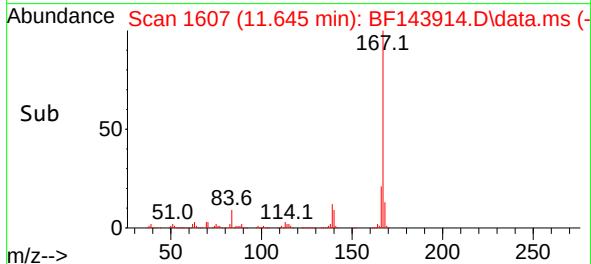
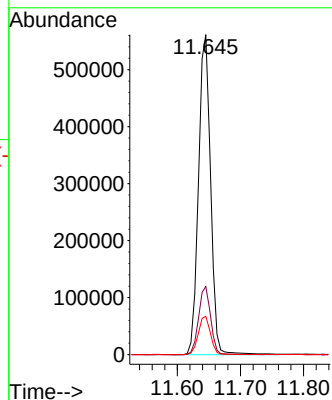
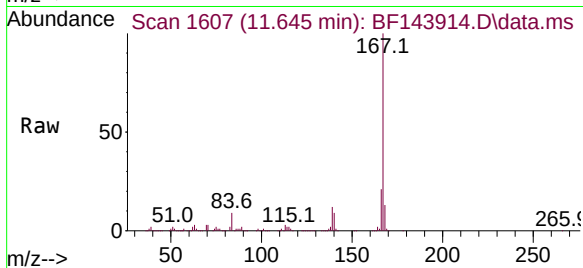




#73
 Carbazole
 Concen: 53.123 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143914.D
 Acq: 09 Oct 2025 17:45

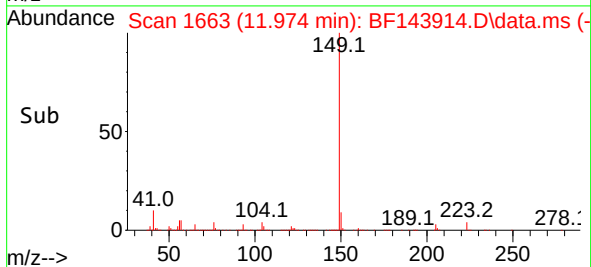
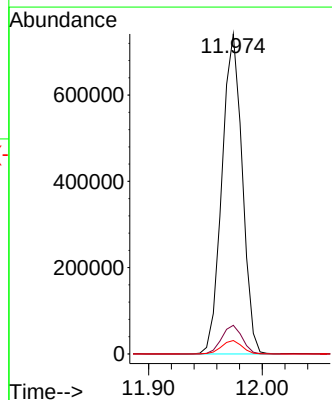
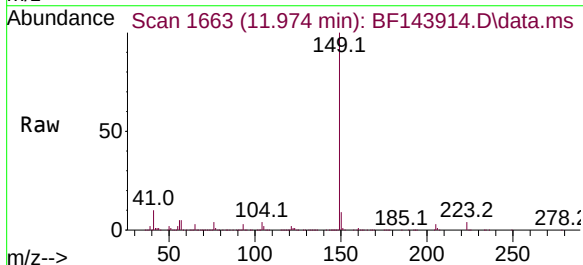
Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MSD

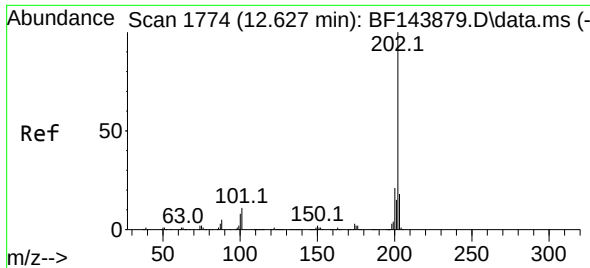
Tgt Ion:	167	Resp:	747235
Ion	Ratio	Lower	Upper
167	100		
166	21.3	17.2	25.8
139	12.0	10.1	15.1



#74
 Di-n-butylphthalate
 Concen: 56.471 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143914.D
 Acq: 09 Oct 2025 17:45

Tgt Ion:	149	Resp:	920620
Ion	Ratio	Lower	Upper
149	100		
150	8.9	7.4	11.2
104	4.2	3.4	5.2

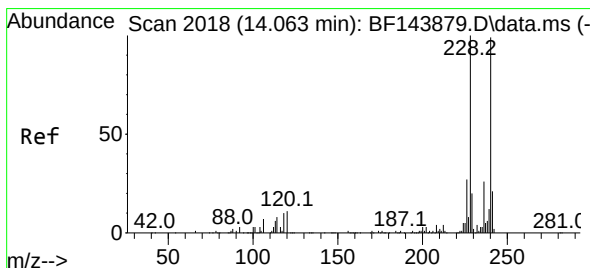
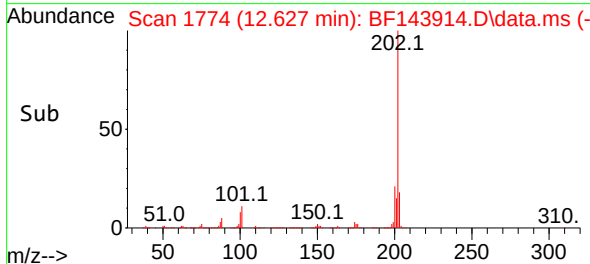
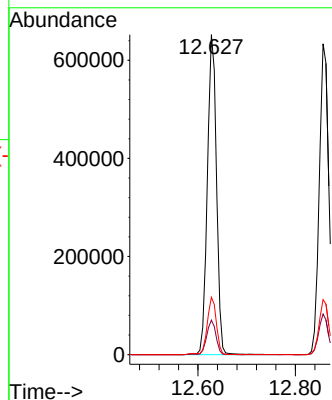
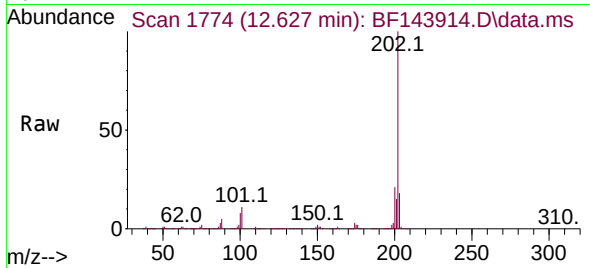




#75
Fluoranthene
Concen: 52.426 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

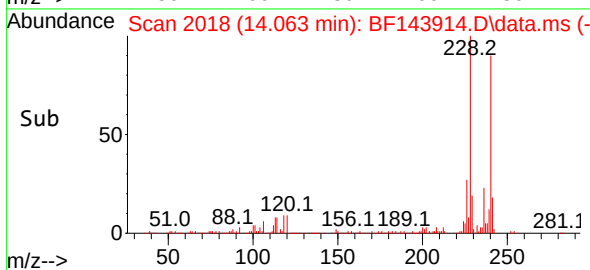
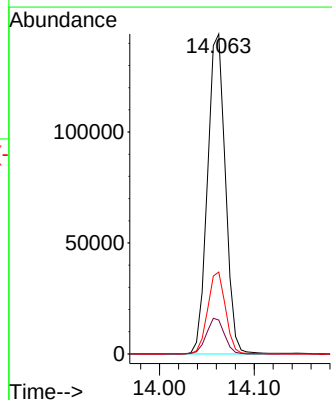
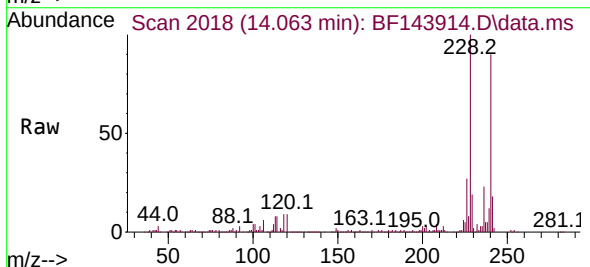
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

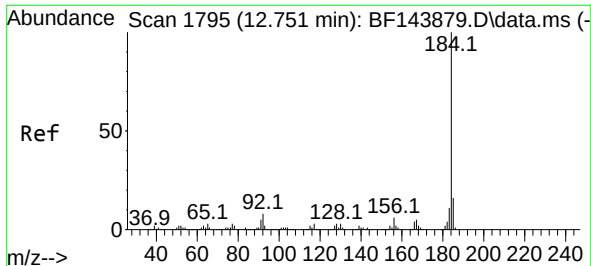
Tgt Ion:202 Resp: 851344
Ion Ratio Lower Upper
202 100
101 10.8 0.0 30.7
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:240 Resp: 189407
Ion Ratio Lower Upper
240 100
120 10.6 8.6 13.0
236 25.6 21.1 31.7

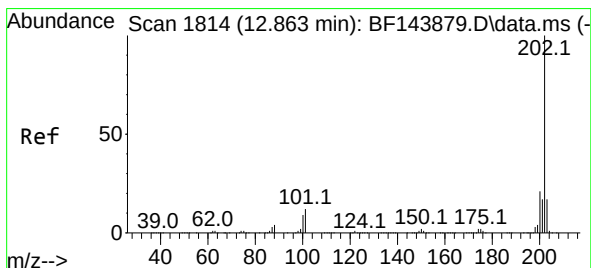
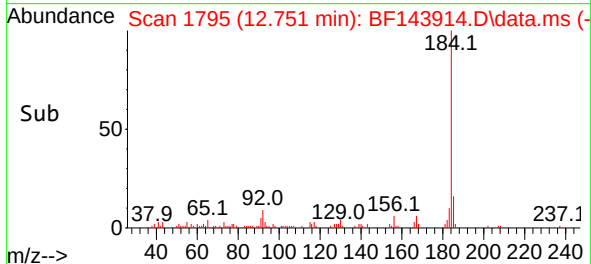
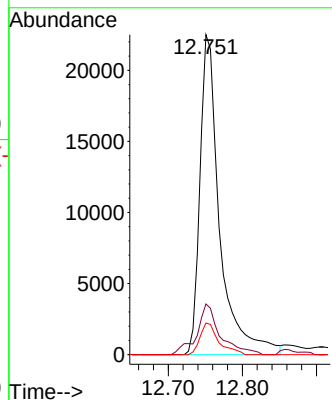
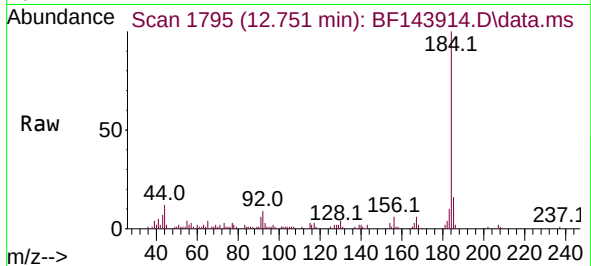




#77
Benzidine
Concen: 6.336 ng
RT: 12.751 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

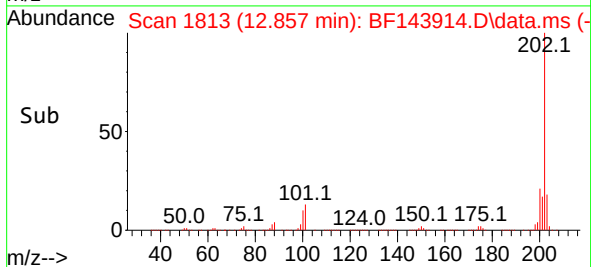
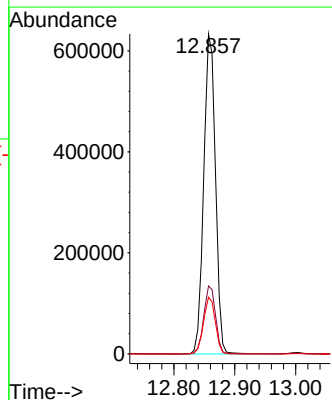
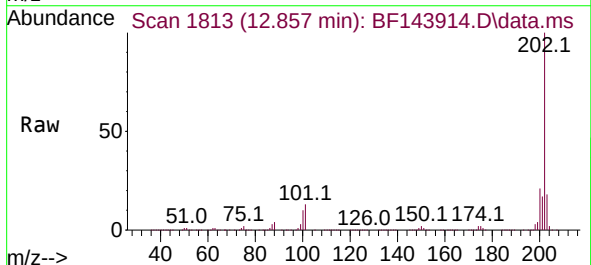
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

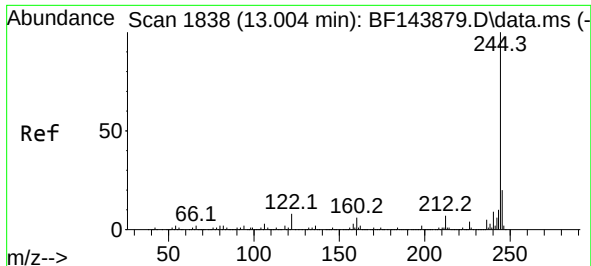
Tgt Ion:184 Resp: 41669
Ion Ratio Lower Upper
184 100
185 15.8 12.6 18.8
183 9.9 8.8 13.2



#78
Pyrene
Concen: 53.429 ng
RT: 12.857 min Scan# 1813
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:202 Resp: 843683
Ion Ratio Lower Upper
202 100
200 21.2 17.0 25.6
203 17.7 13.8 20.6

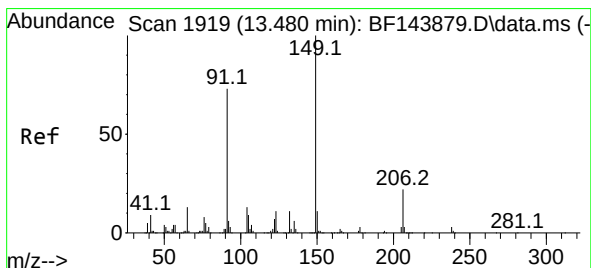
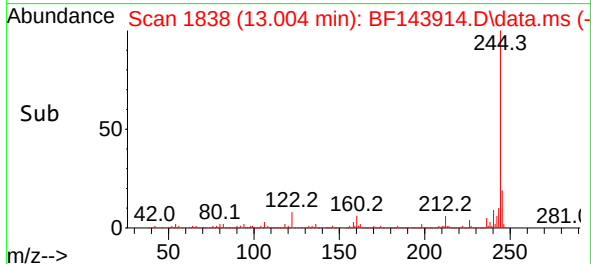
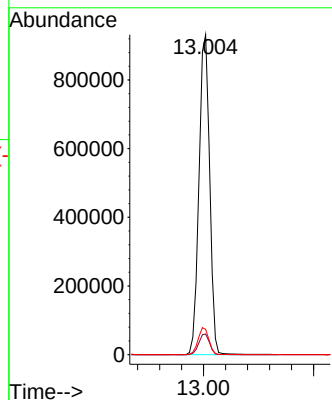
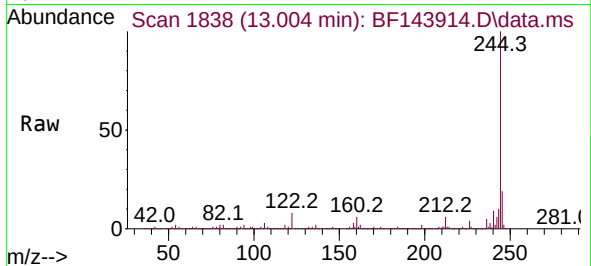




#79
 Terphenyl-d14
 Concen: 113.041 ng
 RT: 13.004 min Scan# 1838
 Delta R.T. -0.006 min
 Lab File: BF143914.D
 Acq: 09 Oct 2025 17:45

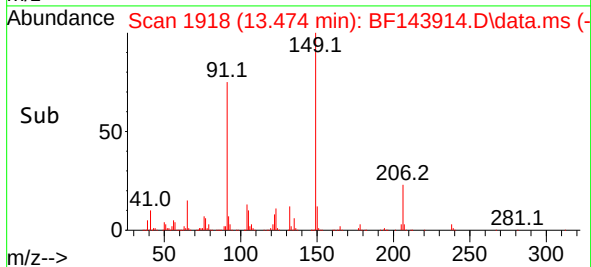
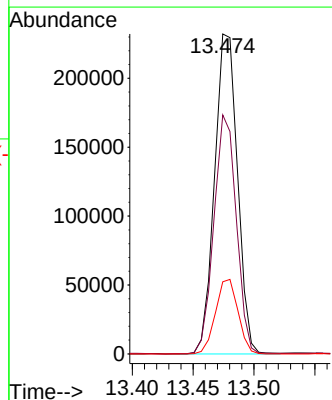
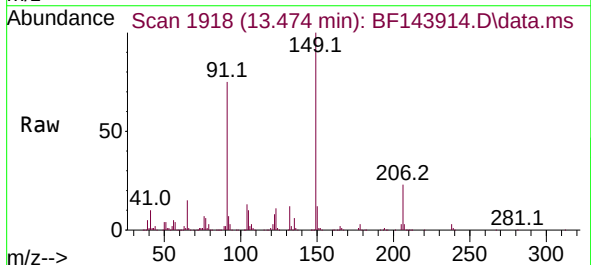
Instrument :
 BNA_F
 ClientSampleId :
 OR-658-COMP-01MSD

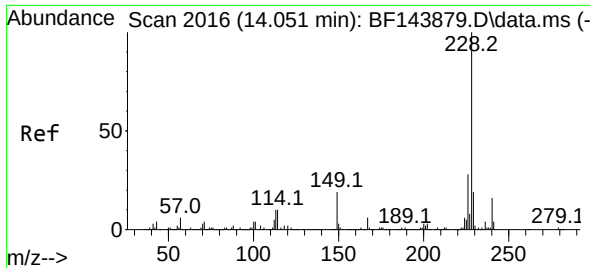
Tgt Ion:244 Resp: 1252766
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 7.9 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 59.373 ng
 RT: 13.474 min Scan# 1918
 Delta R.T. -0.006 min
 Lab File: BF143914.D
 Acq: 09 Oct 2025 17:45

Tgt Ion:149 Resp: 304481
 Ion Ratio Lower Upper
 149 100
 91 74.7 58.2 87.2
 206 22.5 17.9 26.9

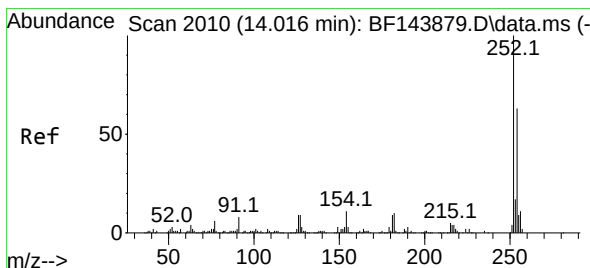
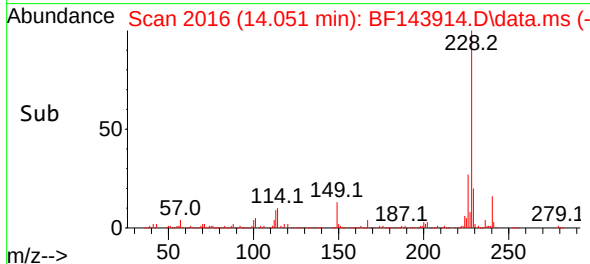
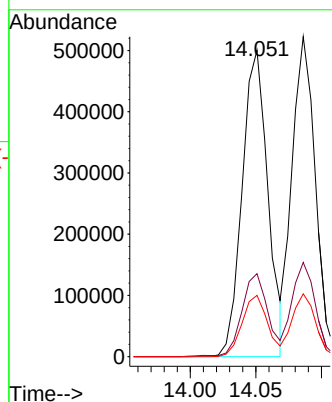
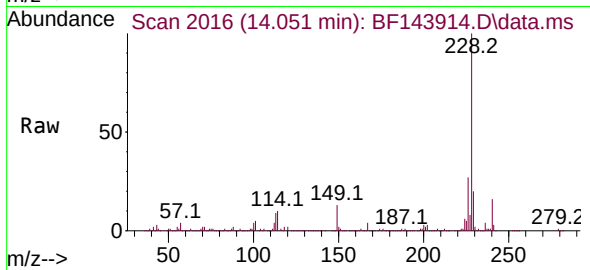




#81
Benzo(a)anthracene
Concen: 55.083 ng
RT: 14.051 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

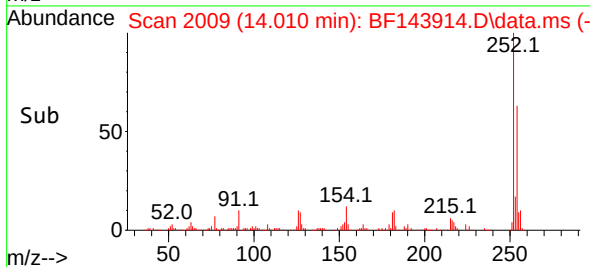
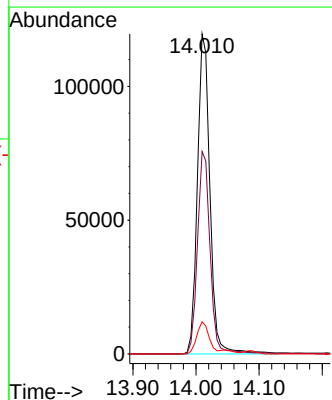
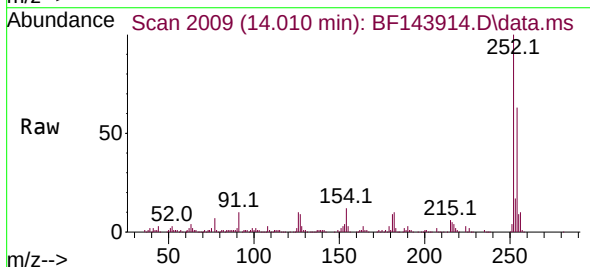
Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

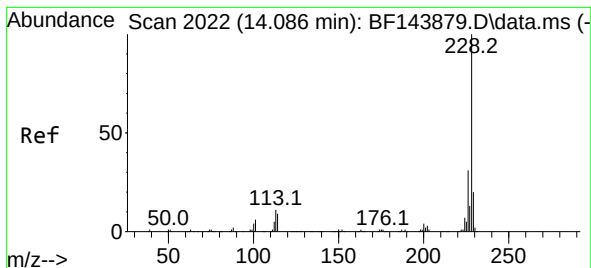
Tgt Ion:228 Resp: 682754
Ion Ratio Lower Upper
228 100
226 27.1 22.2 33.2
229 20.0 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 43.686 ng
RT: 14.010 min Scan# 2009
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:252 Resp: 165018
Ion Ratio Lower Upper
252 100
254 63.2 50.6 76.0
126 10.0 7.0 10.6





#83

Chrysene

Concen: 56.441 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143914.D

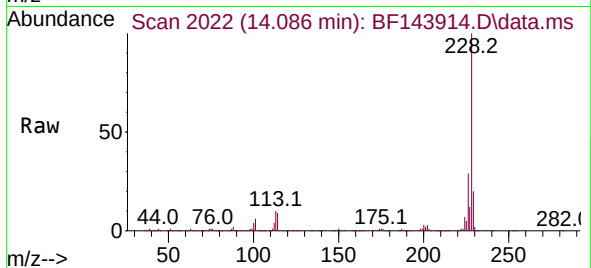
Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD



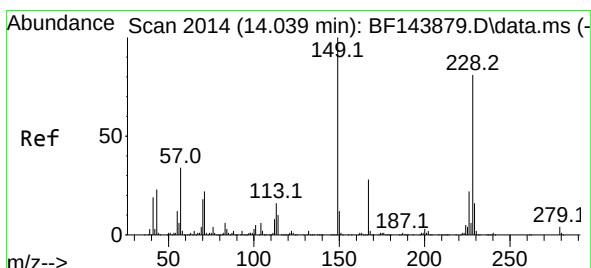
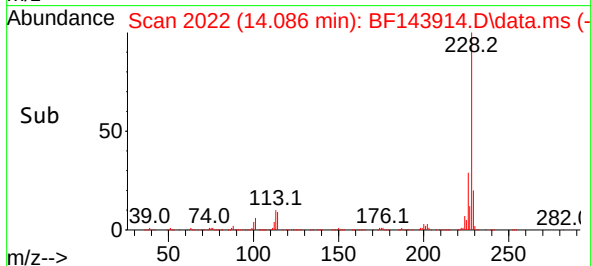
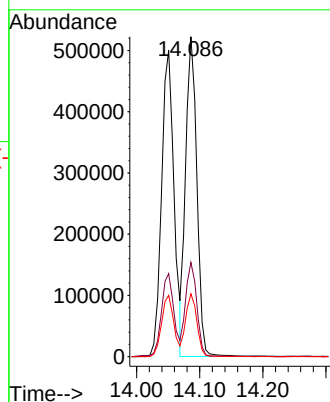
Tgt Ion:228 Resp: 647475

Ion Ratio Lower Upper

228 100

226 29.4 24.4 36.6

229 19.6 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 60.076 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

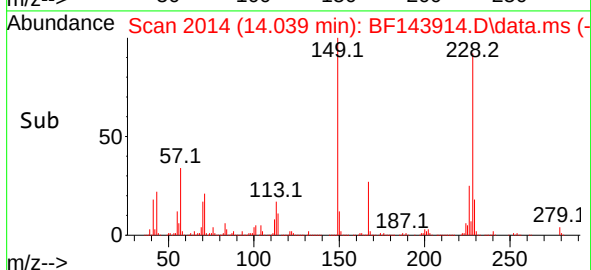
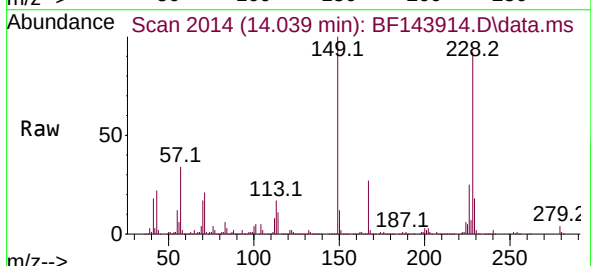
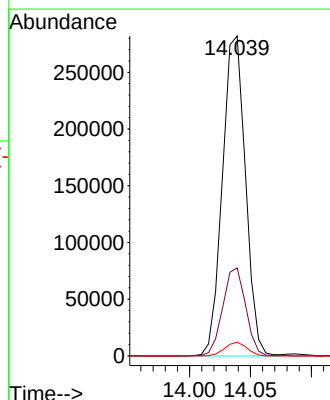
Tgt Ion:149 Resp: 371382

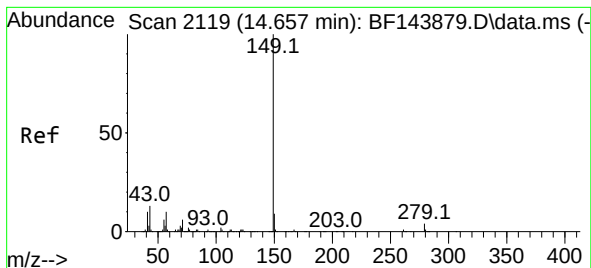
Ion Ratio Lower Upper

149 100

167 27.5 22.2 33.4

279 4.3 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 60.762 ng

RT: 14.651 min Scan# 2119

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD

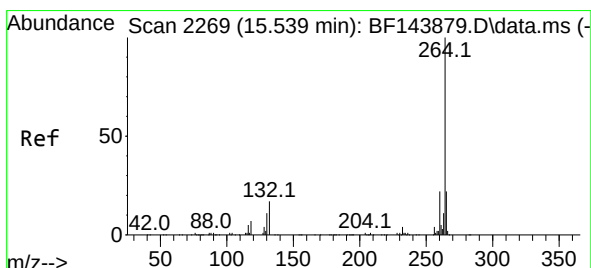
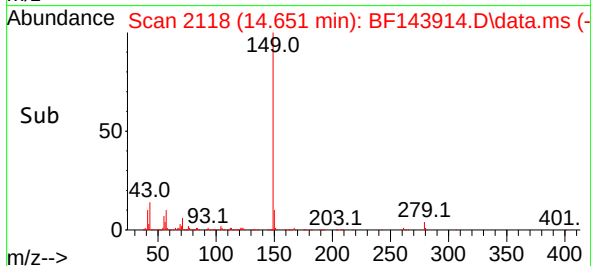
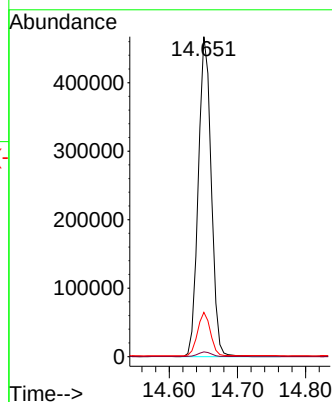
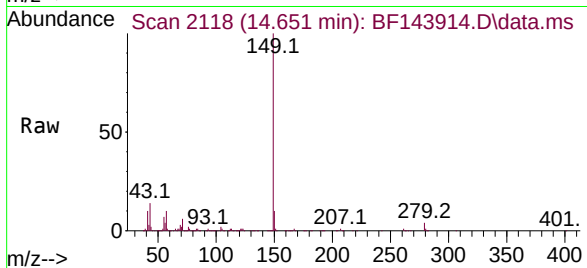
Tgt Ion:149 Resp: 616939

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

43 13.4 11.0 16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.539 min Scan# 2269

Delta R.T. -0.006 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

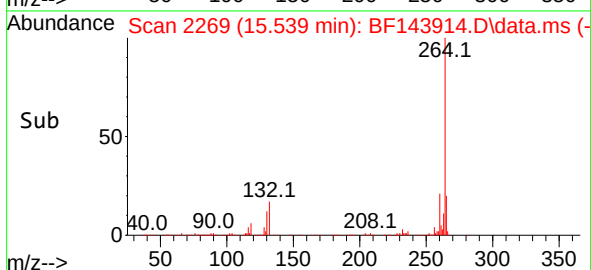
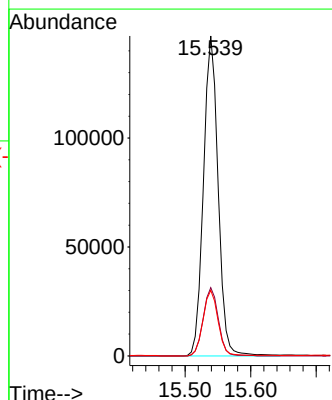
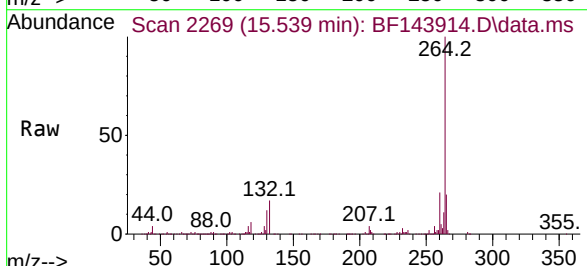
Tgt Ion:264 Resp: 227101

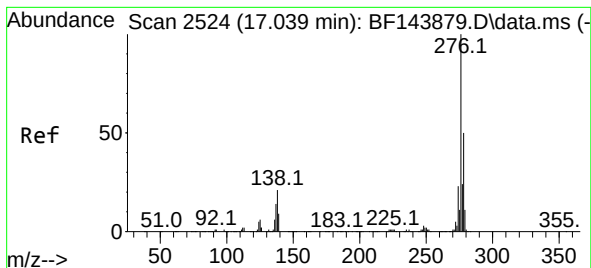
Ion Ratio Lower Upper

264 100

260 21.3 17.8 26.8

265 20.5 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.420 ng

RT: 17.039 min Scan# 21

Delta R.T. -0.018 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

Instrument :

BNA_F

ClientSampleId :

OR-658-COMP-01MSD

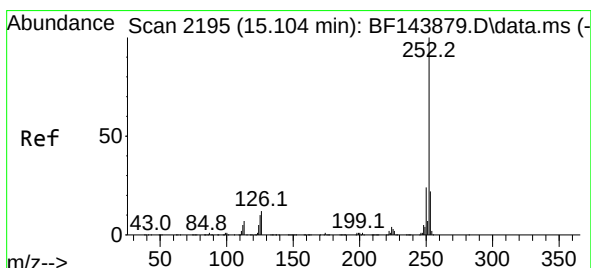
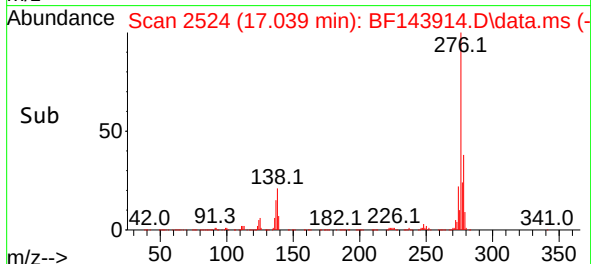
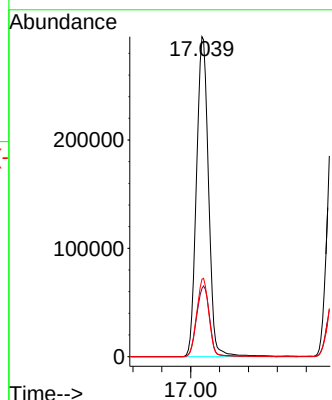
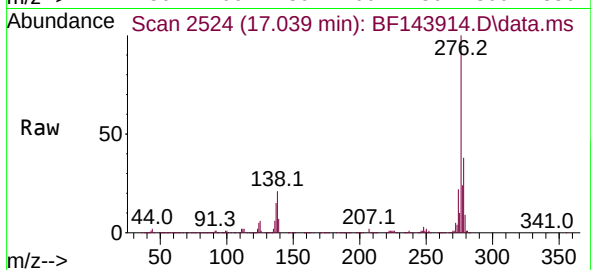
Tgt Ion:276 Resp: 854684

Ion Ratio Lower Upper

276 100

138 23.5 18.2 27.2

277 24.7 19.8 29.6



#88

Benzo(b)fluoranthene

Concen: 54.992 ng

RT: 15.104 min Scan# 2195

Delta R.T. -0.012 min

Lab File: BF143914.D

Acq: 09 Oct 2025 17:45

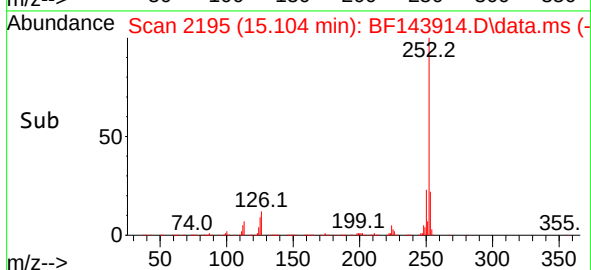
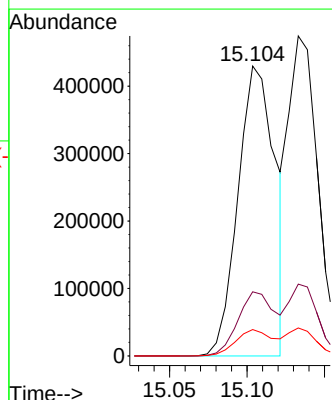
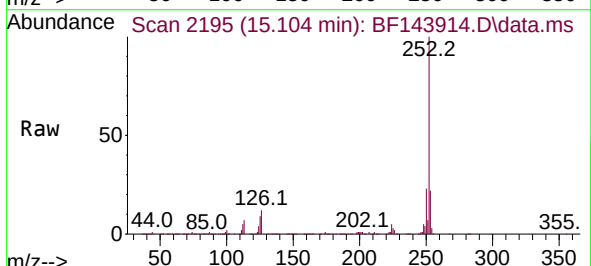
Tgt Ion:252 Resp: 717390

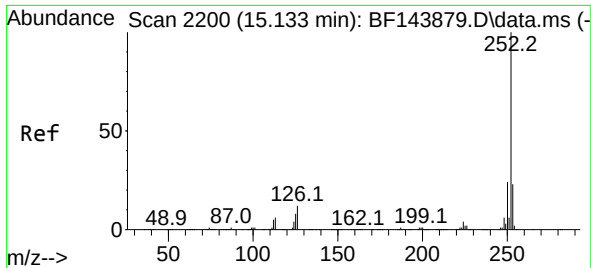
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

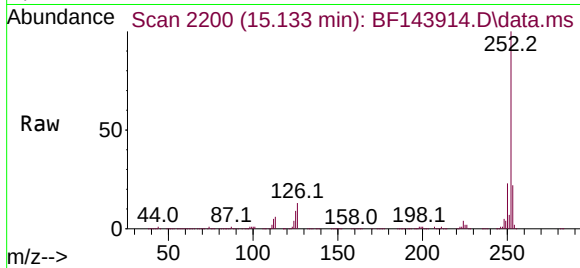
125 9.1 7.8 11.6



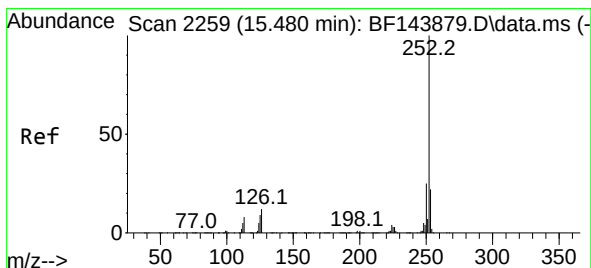
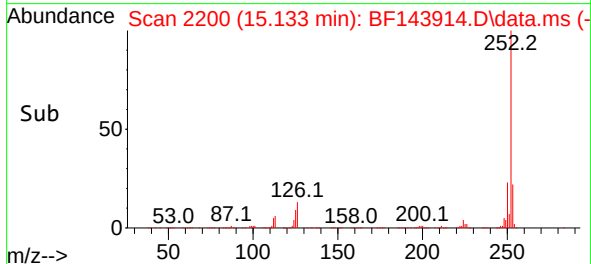
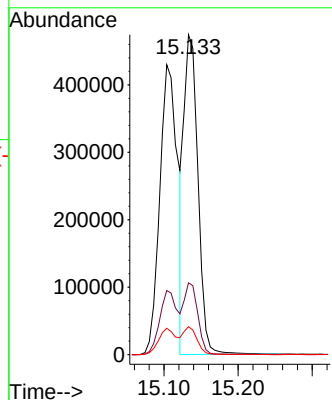


#89
Benzo(k)fluoranthene
Concen: 52.068 ng
RT: 15.133 min Scan# 2200
Delta R.T. -0.012 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

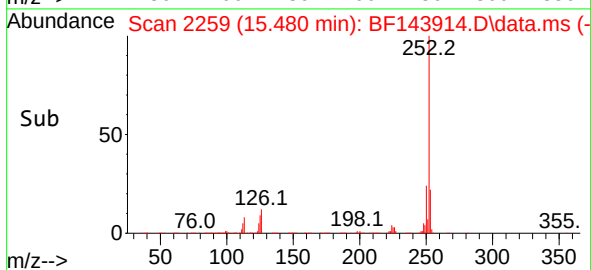
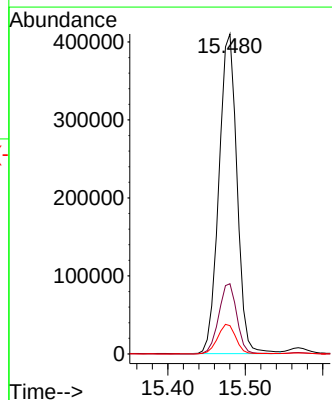
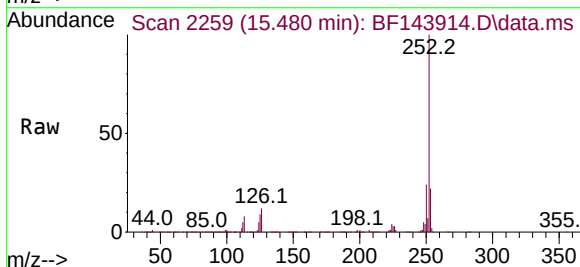


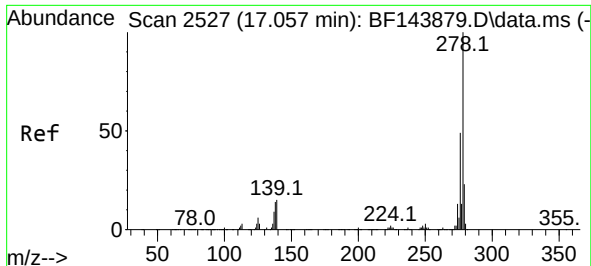
Tgt Ion:252 Resp: 628520
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 8.8 7.4 11.2



#90
Benzo(a)pyrene
Concen: 58.868 ng
RT: 15.480 min Scan# 2259
Delta R.T. -0.006 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:252 Resp: 665888
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 8.8 7.0 10.4

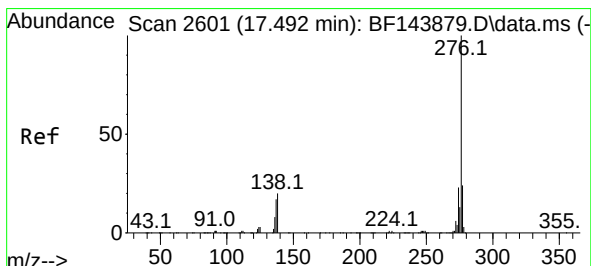
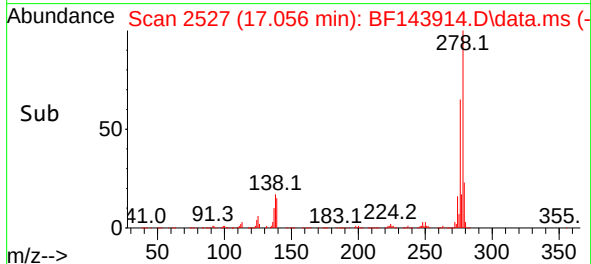
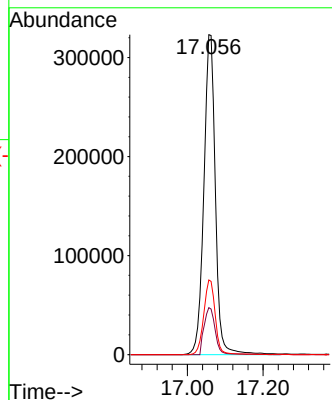
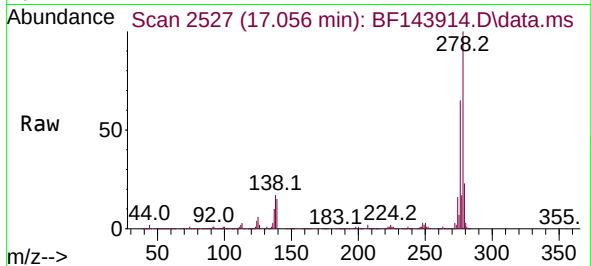




#91
Dibenzo(a,h)anthracene
Concen: 60.941 ng
RT: 17.056 min Scan# 21
Delta R.T. -0.023 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Instrument :
BNA_F
ClientSampleId :
OR-658-COMP-01MSD

Tgt Ion:278 Resp: 682034
Ion Ratio Lower Upper
278 100
139 14.7 11.7 17.5
279 23.3 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 61.529 ng
RT: 17.498 min Scan# 2602
Delta R.T. -0.018 min
Lab File: BF143914.D
Acq: 09 Oct 2025 17:45

Tgt Ion:276 Resp: 688613
Ion Ratio Lower Upper
276 100
277 23.4 19.0 28.6
138 20.6 16.1 24.1

