

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100625\
 Data File : BF143883.D
 Acq On : 06 Oct 2025 16:08
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

Quant Time: Oct 06 16:37:11 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	114039	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	448972	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	247780	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	431562	20.000	ng	0.00
76) Chrysene-d12	14.063	240	259802	20.000	ng	0.00
86) Perylene-d12	15.539	264	249446	20.000	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	537941	74.908	ng	0.00
7) Phenol-d6	6.498	99	637597	74.487	ng	-0.02
23) Nitrobenzene-d5	7.445	82	549291	74.330	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	176914	71.685	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1055942	67.621	ng	-0.01
79) Terphenyl-d14	13.004	244	1131636	74.443	ng	0.00

Target Compounds					Qvalue
2) 1,4-Dioxane	2.652	88	123809	37.256	ng 99
3) Pyridine	3.410	79	341125	35.261	ng 99
4) n-Nitrosodimethylamine	3.357	42	195710	38.456	ng 97
6) Aniline	6.545	93	486607	37.937	ng 99
8) 2-Chlorophenol	6.663	128	267562	38.116	ng 98
9) Benzaldehyde	6.434	77	245247	37.141	ng 99
10) Phenol	6.516	94	405520	39.627	ng 96
11) bis(2-Chloroethyl)ether	6.616	93	289024	36.561	ng 99
12) 1,3-Dichlorobenzene	6.822	146	317865	37.828	ng 100
13) 1,4-Dichlorobenzene	6.898	146	318221	38.392	ng 100
14) 1,2-Dichlorobenzene	7.051	146	314832	39.655	ng 99
15) Benzyl Alcohol	7.022	79	249958	38.974	ng 97
16) 2,2'-oxybis(1-Chloropr...	7.157	45	676009	37.568	ng 99
17) 2-Methylphenol	7.128	107	222497	38.352	ng 96
18) Hexachloroethane	7.398	117	104363	37.755	ng 99
19) n-Nitroso-di-n-propyla...	7.292	70	214516	36.612	ng 98
20) 3+4-Methylphenols	7.281	107	268144	39.880	ng 94
22) Acetophenone	7.292	105	358014	37.713	ng 96
24) Nitrobenzene	7.463	77	309611	37.727	ng 100
25) Isophorone	7.704	82	550779	35.347	ng 99
26) 2-Nitrophenol	7.781	139	136223	38.717	ng 99
27) 2,4-Dimethylphenol	7.810	122	258524	40.847	ng 99
28) bis(2-Chloroethoxy)met...	7.910	93	360632	36.639	ng 98
29) 2,4-Dichlorophenol	8.016	162	243265	36.899	ng 97
30) 1,2,4-Trichlorobenzene	8.104	180	243161	37.503	ng 98
31) Naphthalene	8.186	128	749110	36.679	ng 99
32) Benzoic acid	7.904	122	154019	35.162	ng 98
33) 4-Chloroaniline	8.233	127	321328	41.950	ng 98
34) Hexachlorobutadiene	8.304	225	158600	35.201	ng 95
35) Caprolactam	8.598	113	79102	37.736	ng 93
36) 4-Chloro-3-methylphenol	8.710	107	228481	36.079	ng 99
37) 2-Methylnaphthalene	8.881	142	452442	33.257	ng 99
38) 1-Methylnaphthalene	8.980	142	465414	35.269	ng 99
40) 1,2,4,5-Tetrachloroben...	9.045	216	254223	37.122	ng 98
41) Hexachlorocyclopentadiene	9.033	237	139168	48.984	ng 100
43) 2,4,6-Trichlorophenol	9.151	196	183769	36.726	ng 98

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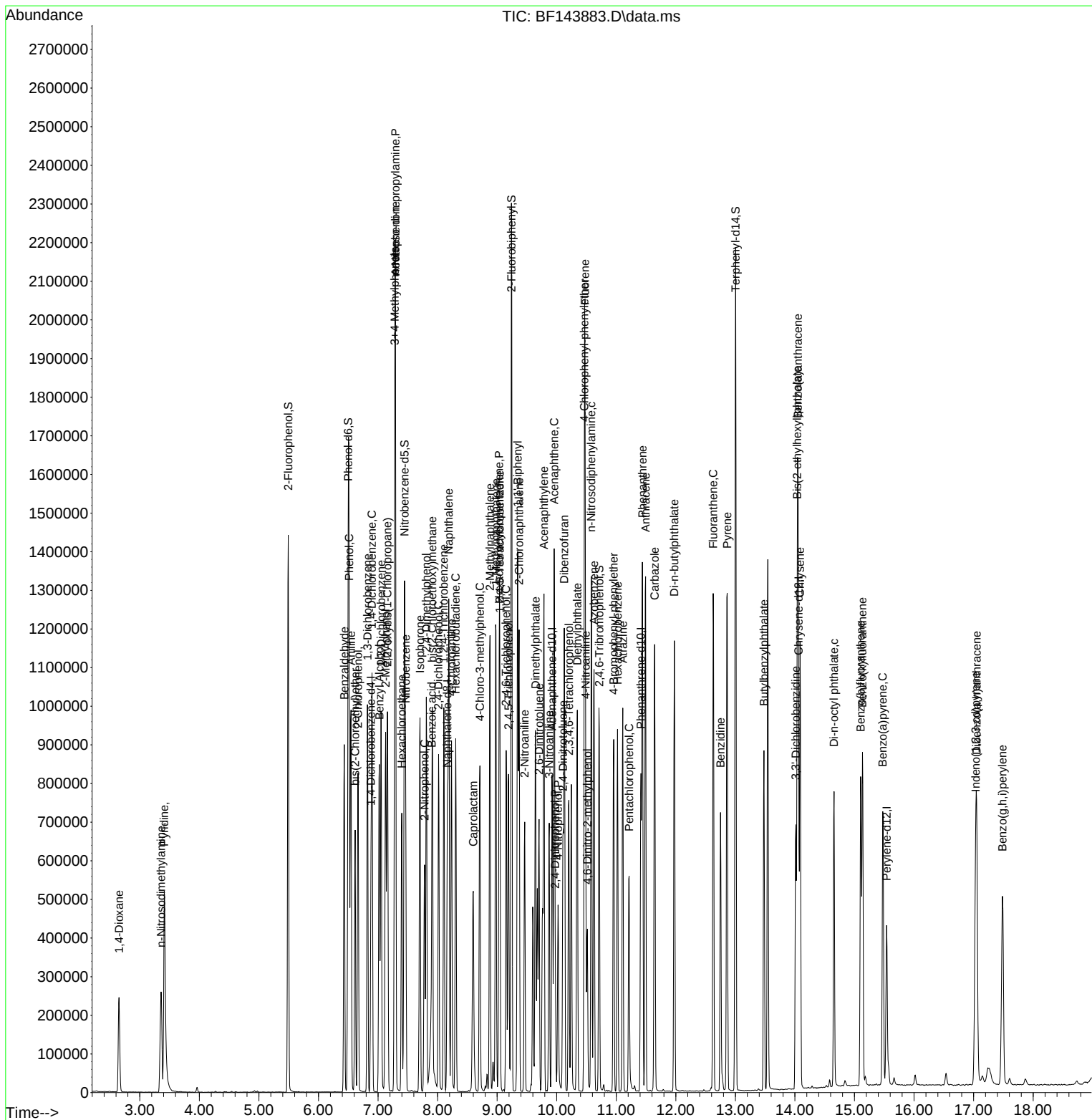
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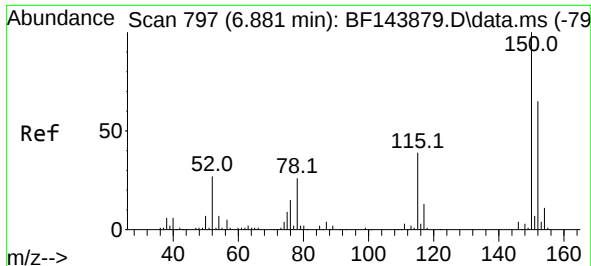
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	186099	35.194	ng	96
46) 1,1'-Biphenyl	9.345	154	603213	36.770	ng	98
47) 2-Chloronaphthalene	9.369	162	498615	36.454	ng	97
48) 2-Nitroaniline	9.463	65	168191	38.894	ng	99
49) Acenaphthylene	9.786	152	785697	40.859	ng	99
50) Dimethylphthalate	9.645	163	565953	35.968	ng	99
51) 2,6-Dinitrotoluene	9.704	165	122449	41.967	ng	99
52) Acenaphthene	9.957	154	452513	35.913	ng	99
53) 3-Nitroaniline	9.875	138	144668	40.493	ng	95
54) 2,4-Dinitrophenol	9.975	184	52796	33.731	ng #	42
55) Dibenzofuran	10.127	168	653073	36.717	ng	99
56) 4-Nitrophenol	10.022	139	99684	36.850	ng	96
57) 2,4-Dinitrotoluene	10.104	165	163440	41.169	ng	99
58) Fluorene	10.475	166	476811	35.527	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.204	232	144064	38.488	ng	93
60) Diethylphthalate	10.345	149	533574	36.501	ng	99
61) 4-Chlorophenyl-phenyle...	10.463	204	256247	36.113	ng	96
62) 4-Nitroaniline	10.486	138	127369	37.074	ng	99
63) Azobenzene	10.627	77	562787	36.837	ng	100
65) 4,6-Dinitro-2-methylph...	10.516	198	80422	37.083	ng	96
66) n-Nitrosodiphenylamine	10.580	169	496618	36.649	ng	99
67) 4-Bromophenyl-phenylether	10.957	248	162033	33.973	ng	95
68) Hexachlorobenzene	11.022	284	190028	34.415	ng	99
69) Atrazine	11.110	200	160244	39.016	ng	98
70) Pentachlorophenol	11.216	266	104958	33.097	ng	99
71) Phenanthrene	11.439	178	743609	35.542	ng	99
72) Anthracene	11.492	178	766674	36.273	ng	99
73) Carbazole	11.645	167	678522	36.246	ng	99
74) Di-n-butylphthalate	11.974	149	806451	37.171	ng	99
75) Fluoranthene	12.627	202	778418	36.019	ng	99
77) Benzidine	12.751	184	409653	45.411	ng	98
78) Pyrene	12.863	202	789075	36.431	ng	99
80) Butylbenzylphthalate	13.480	149	274237	38.986	ng	98
81) Benzo(a)anthracene	14.051	228	614473	36.142	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	221480	42.747	ng	99
83) Chrysene	14.086	228	594668	37.792	ng	98
84) Bis(2-ethylhexyl)phtha...	14.039	149	326966	38.560	ng	99
85) Di-n-octyl phthalate	14.657	149	502989	36.116	ng	99
87) Indeno(1,2,3-cd)pyrene	17.033	276	563492	36.867	ng	98
88) Benzo(b)fluoranthene	15.104	252	537814	37.533	ng	99
89) Benzo(k)fluoranthene	15.133	252	467396	35.252	ng	100
90) Benzo(a)pyrene	15.474	252	470896	37.900	ng	98
91) Dibenzo(a,h)anthracene	17.051	278	454776	36.995	ng	97
92) Benzo(g,h,i)perylene	17.486	276	456833	37.162	ng	98

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

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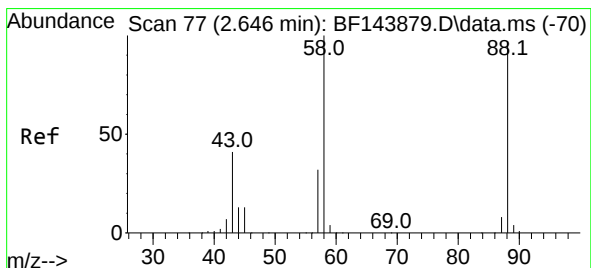
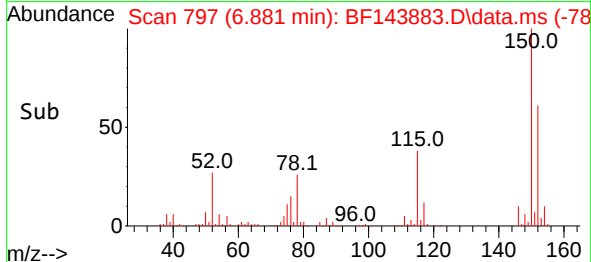
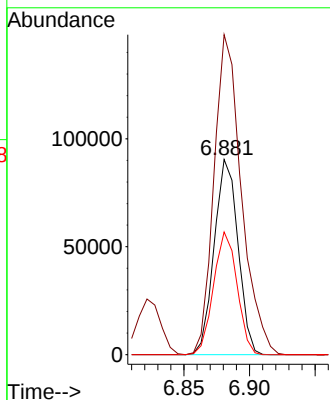
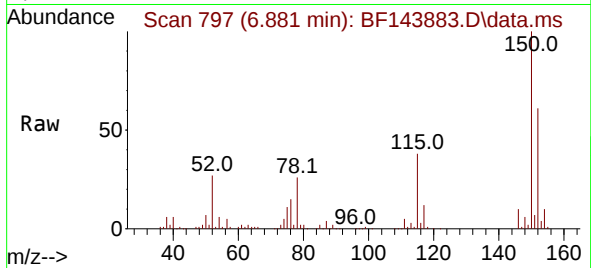




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.881 min Scan# 79
 Delta R.T. -0.005 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

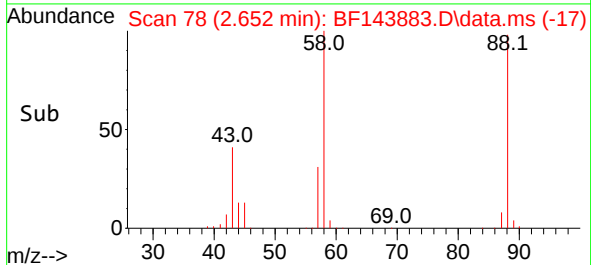
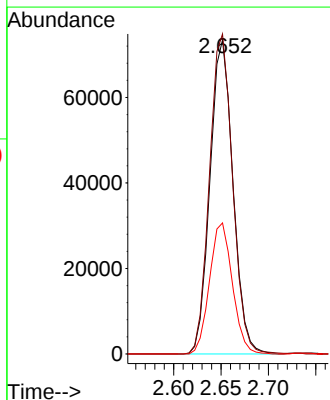
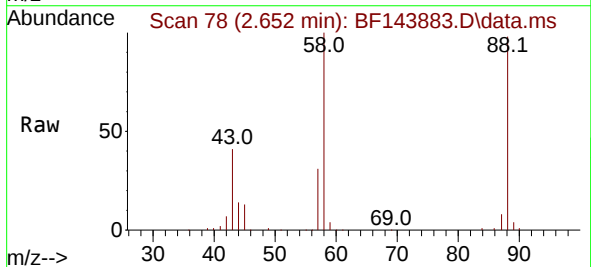
Instrument :
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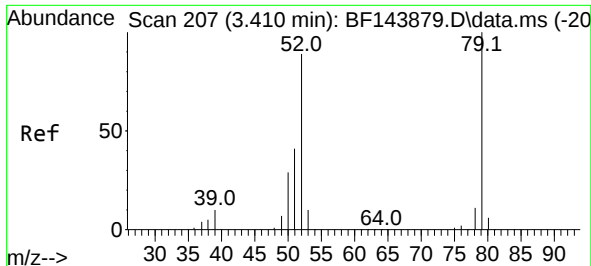
Tgt Ion:152 Resp: 114039
 Ion Ratio Lower Upper
 152 100
 150 164.0 124.4 186.6
 115 62.9 48.1 72.1



#2
 1,4-Dioxane
 Concen: 37.256 ng
 RT: 2.652 min Scan# 78
 Delta R.T. 0.006 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

Tgt Ion: 88 Resp: 123809
 Ion Ratio Lower Upper
 88 100
 58 102.6 83.0 124.6
 43 41.5 33.9 50.9

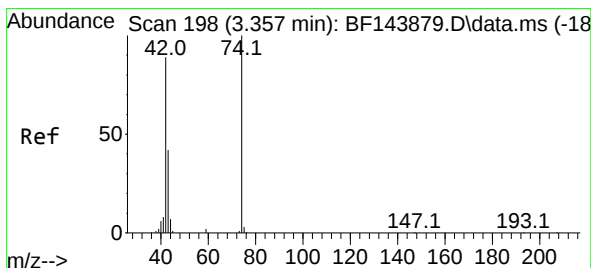
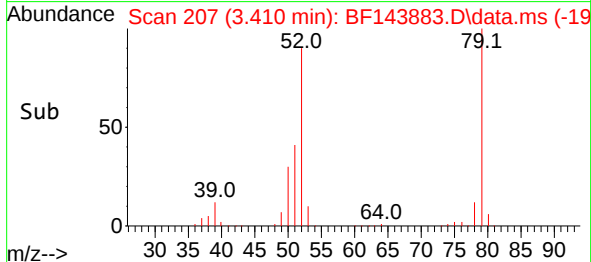
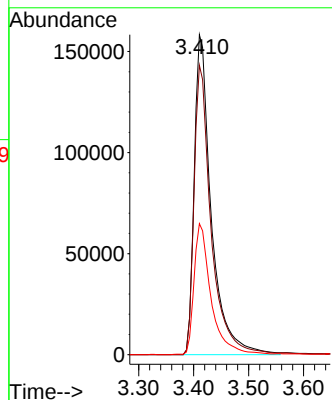
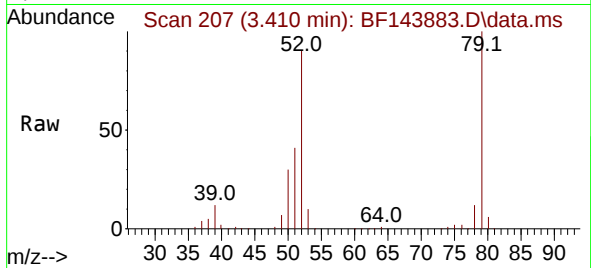




#3
Pyridine
Concen: 35.261 ng
RT: 3.410 min Scan# 207
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

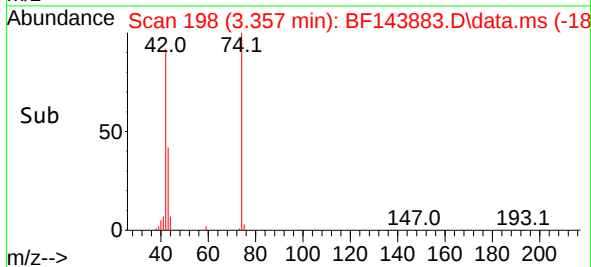
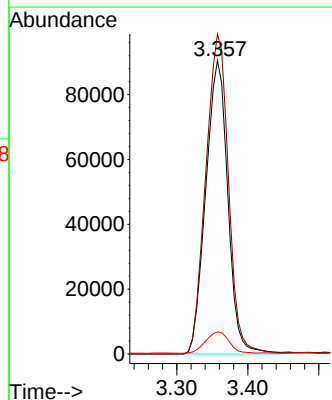
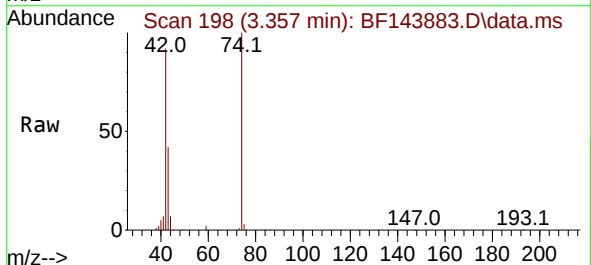
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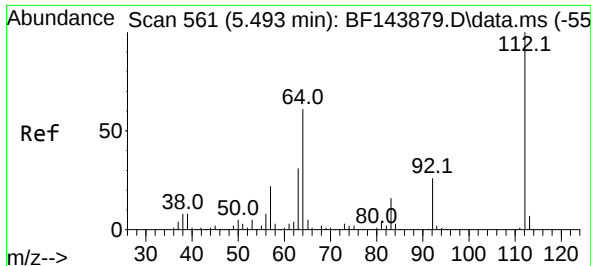
Tgt Ion: 79 Resp: 341125
Ion Ratio Lower Upper
79 100
52 90.5 71.5 107.3
51 41.0 32.9 49.3



#4
n-Nitrosodimethylamine
Concen: 38.456 ng
RT: 3.357 min Scan# 198
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 42 Resp: 195710
Ion Ratio Lower Upper
42 100
74 109.1 90.0 135.0
44 7.5 6.2 9.2

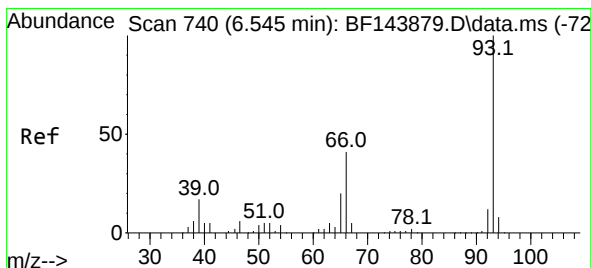
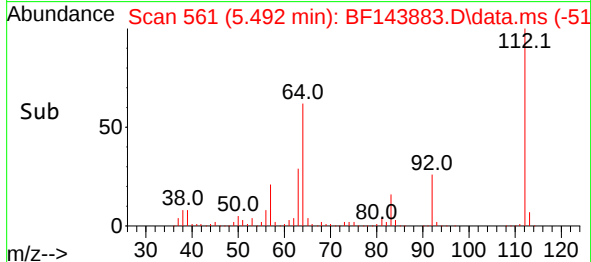
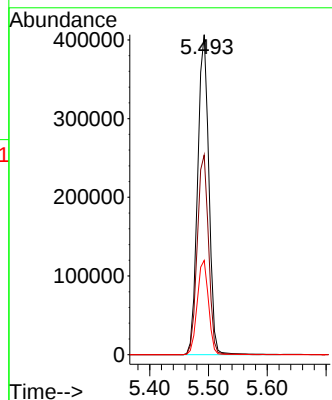
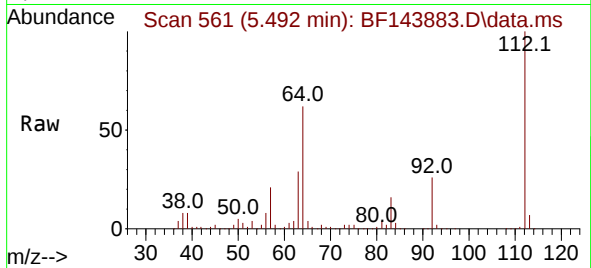




#5
2-Fluorophenol
Concen: 74.908 ng
RT: 5.492 min Scan# 50
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

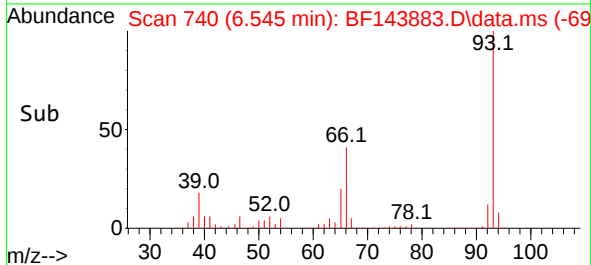
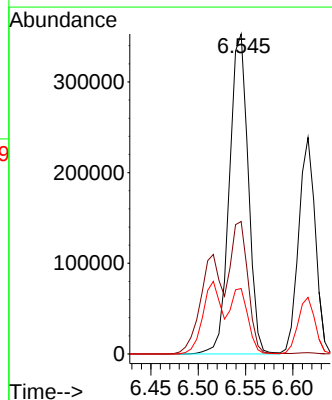
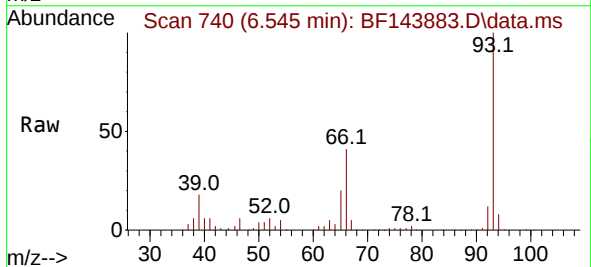
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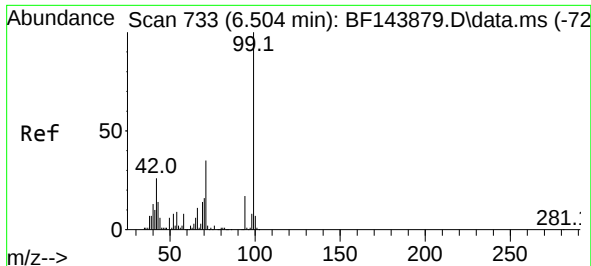
Tgt Ion:112 Resp: 537941
Ion Ratio Lower Upper
112 100
64 62.4 49.1 73.7
63 29.4 24.5 36.7



#6
Aniline
Concen: 37.937 ng
RT: 6.545 min Scan# 740
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 486607
Ion Ratio Lower Upper
93 100
66 41.4 33.0 49.6
65 20.5 15.8 23.8

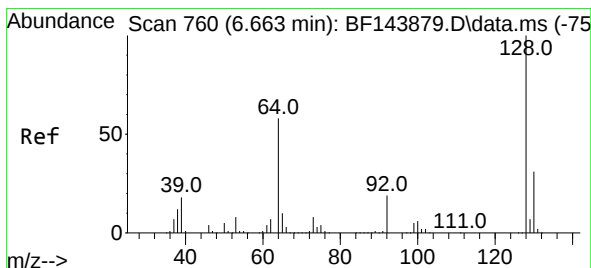
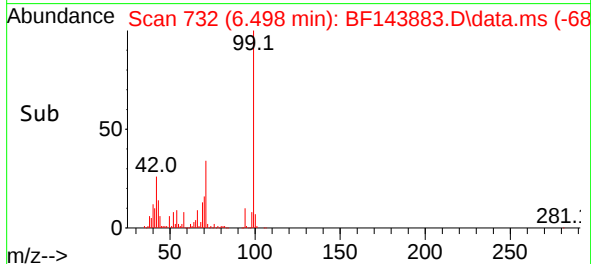
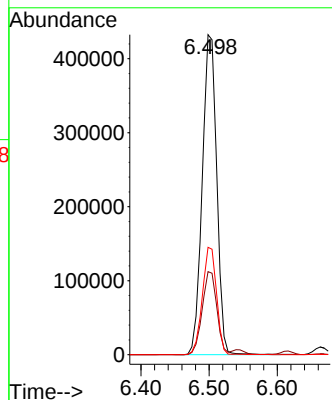
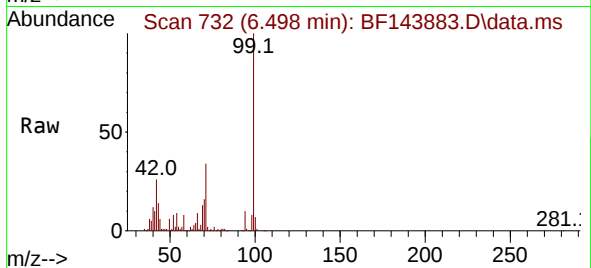




#7
Phenol-d6
Concen: 74.487 ng
RT: 6.498 min Scan# 71
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

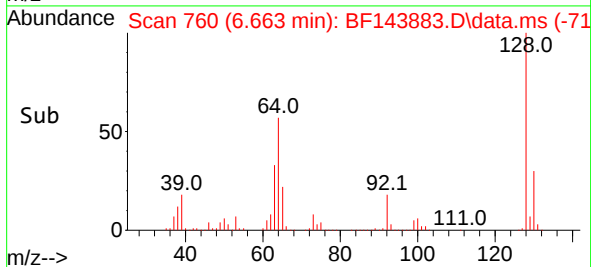
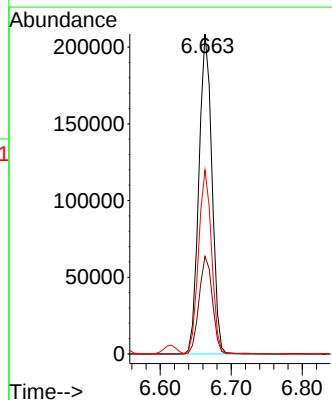
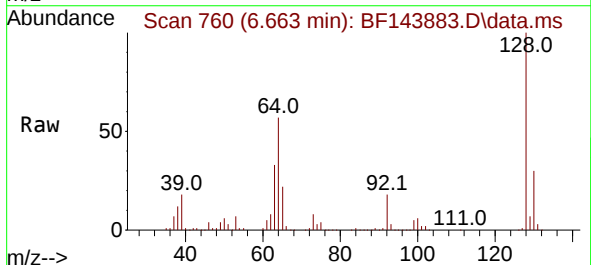
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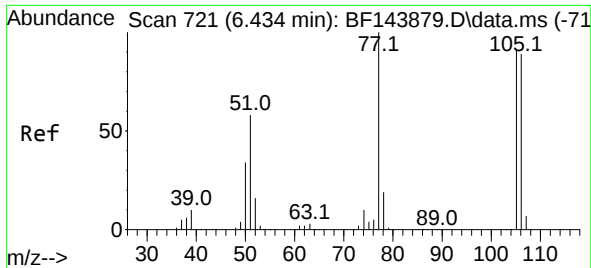
Tgt Ion: 99 Resp: 637597
Ion Ratio Lower Upper
99 100
42 25.9 21.0 31.4
71 33.5 27.8 41.8



#8
2-Chlorophenol
Concen: 38.116 ng
RT: 6.663 min Scan# 760
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 128 Resp: 267562
Ion Ratio Lower Upper
128 100
130 30.5 10.7 50.7
64 57.4 39.0 79.0





#9

Benzaldehyde

Concen: 37.141 ng

RT: 6.434 min Scan# 721

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

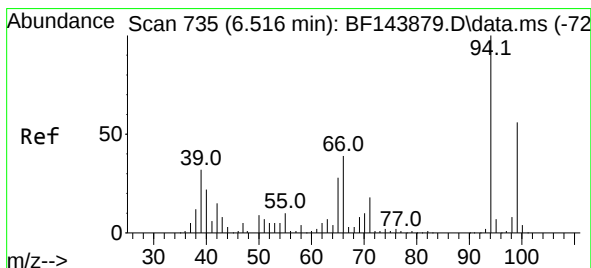
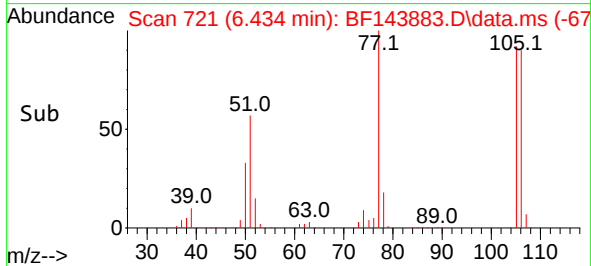
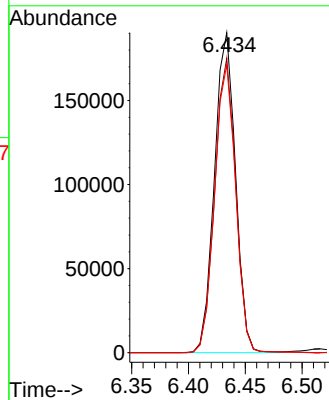
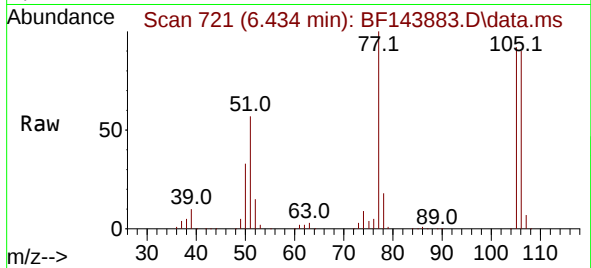
Tgt Ion: 77 Resp: 245247

Ion Ratio Lower Upper

77 100

105 92.0 70.9 110.9

106 90.0 68.9 108.9



#10

Phenol

Concen: 39.627 ng

RT: 6.516 min Scan# 735

Delta R.T. -0.018 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

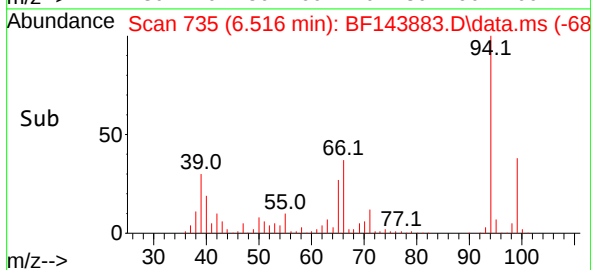
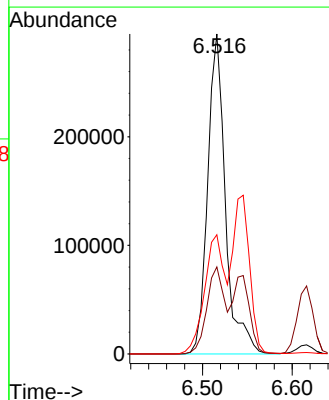
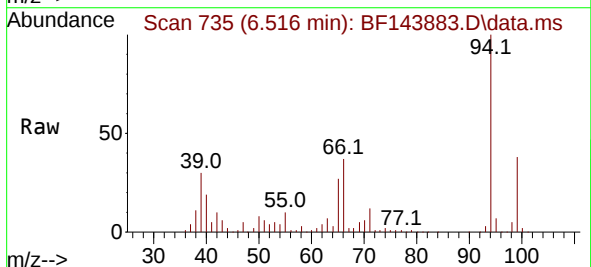
Tgt Ion: 94 Resp: 405520

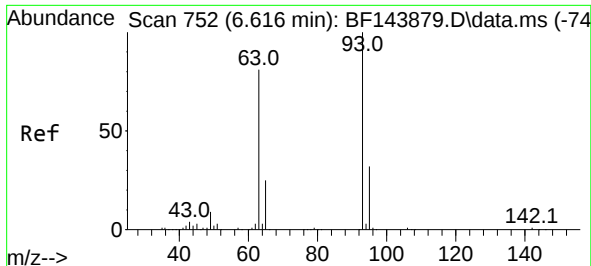
Ion Ratio Lower Upper

94 100

65 27.2 8.5 48.5

66 37.3 19.9 59.9

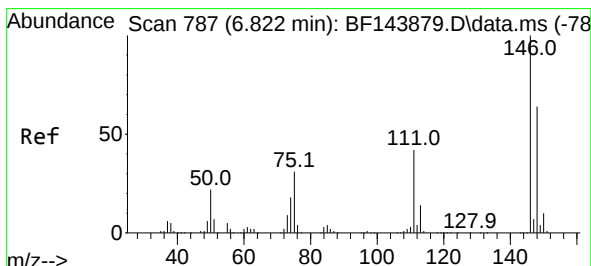
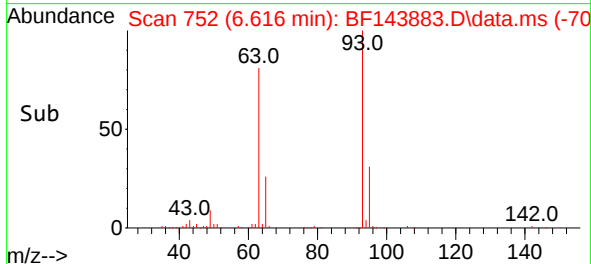
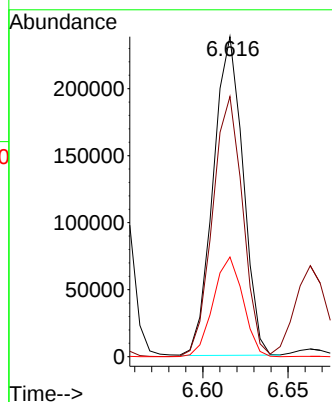
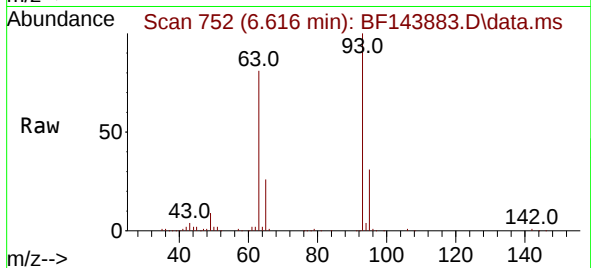




#11
bis(2-Chloroethyl)ether
Concen: 36.561 ng
RT: 6.616 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

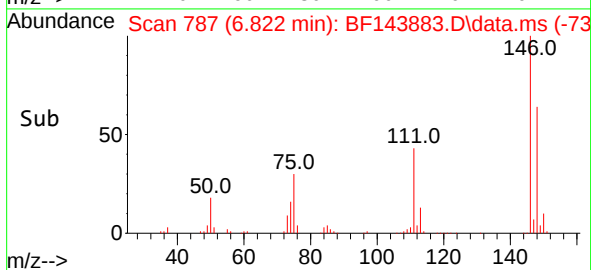
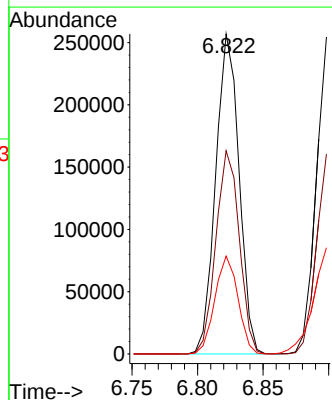
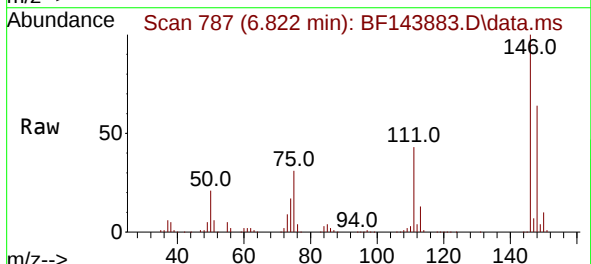
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

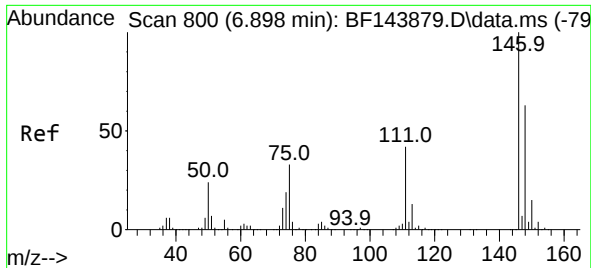
Tgt Ion: 93 Resp: 289024
Ion Ratio Lower Upper
93 100
63 81.3 60.9 100.9
95 31.1 11.5 51.5



#12
1,3-Dichlorobenzene
Concen: 37.828 ng
RT: 6.822 min Scan# 787
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 146 Resp: 317865
Ion Ratio Lower Upper
146 100
148 63.5 51.0 76.4
75 30.6 24.9 37.3





#13

1,4-Dichlorobenzene

Concen: 38.392 ng

RT: 6.898 min Scan# 800

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

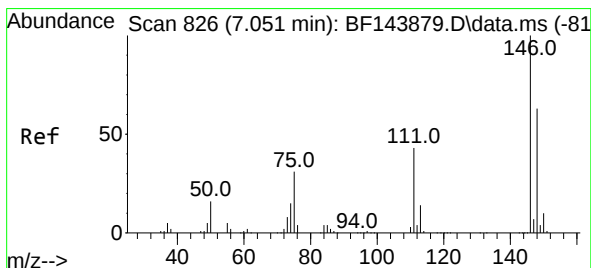
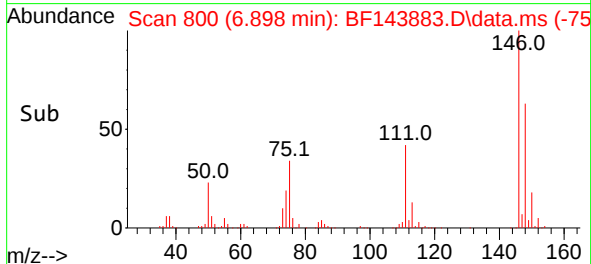
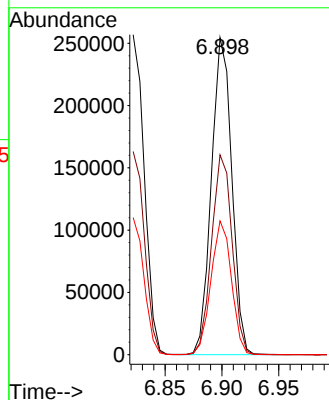
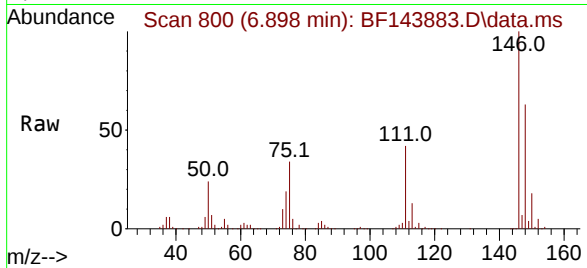
Tgt Ion:146 Resp: 318221

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

111 42.2 33.4 50.0



#14

1,2-Dichlorobenzene

Concen: 39.655 ng

RT: 7.051 min Scan# 826

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

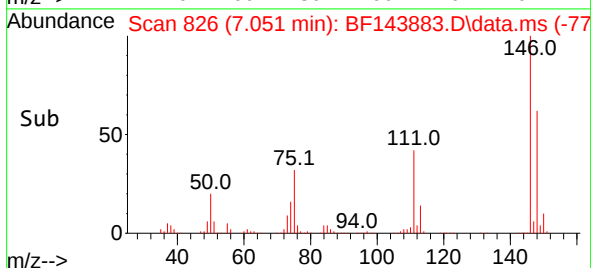
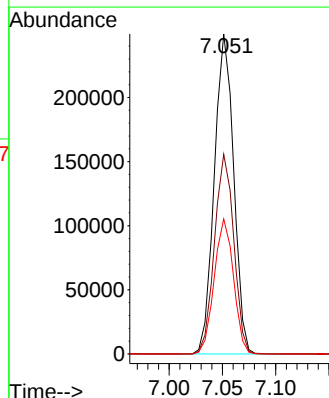
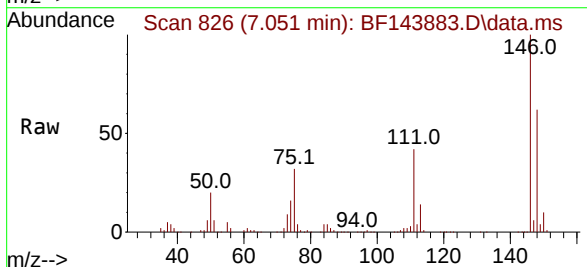
Tgt Ion:146 Resp: 314832

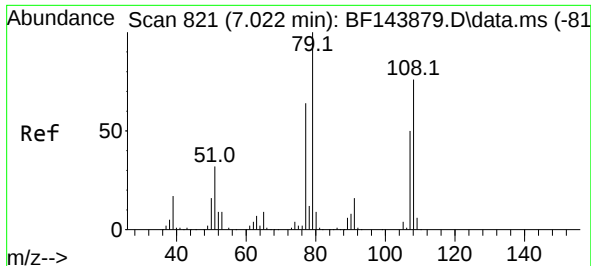
Ion Ratio Lower Upper

146 100

148 62.4 50.6 75.8

111 42.2 34.6 51.8

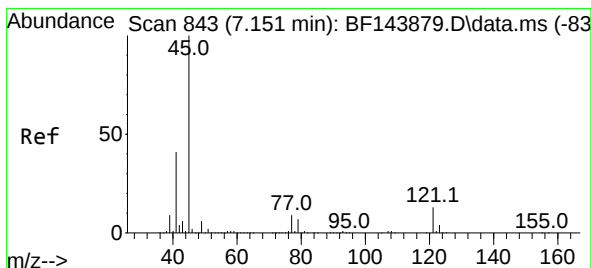
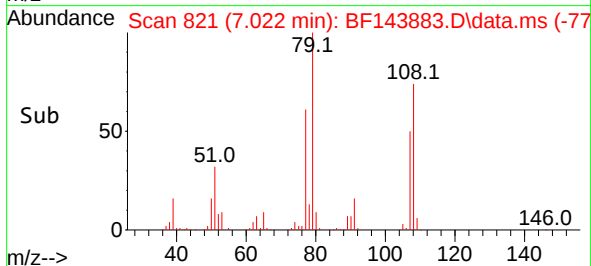
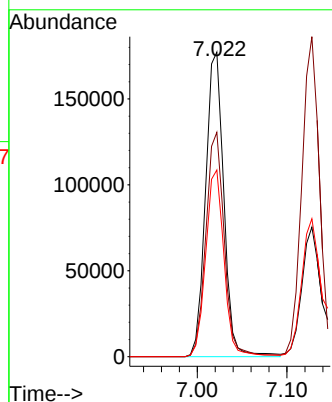
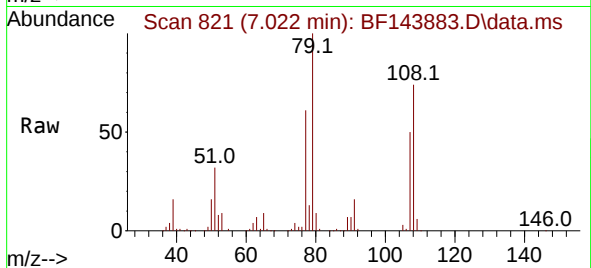




#15
Benzyl Alcohol
Concen: 38.974 ng
RT: 7.022 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

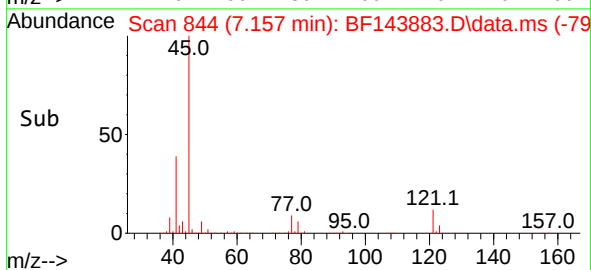
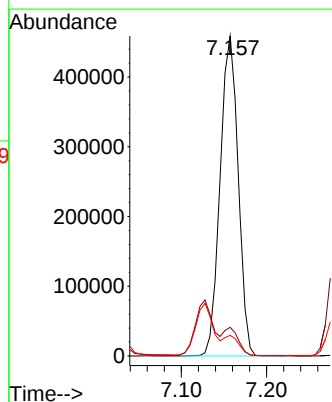
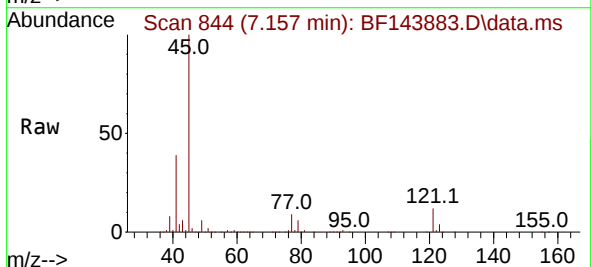
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

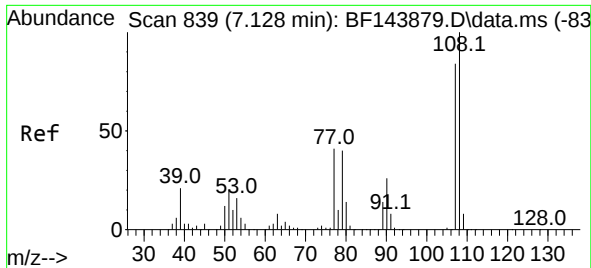
Tgt Ion: 79 Resp: 249958
Ion Ratio Lower Upper
79 100
108 73.6 60.8 91.2
77 61.3 51.0 76.6



#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.568 ng
RT: 7.157 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 45 Resp: 676009
Ion Ratio Lower Upper
45 100
77 9.0 0.0 29.0
79 6.5 0.0 26.8



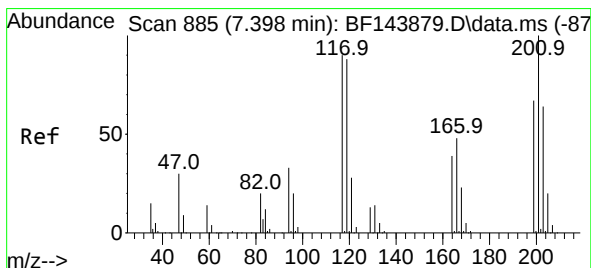
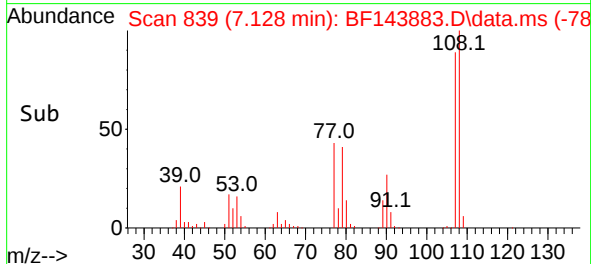
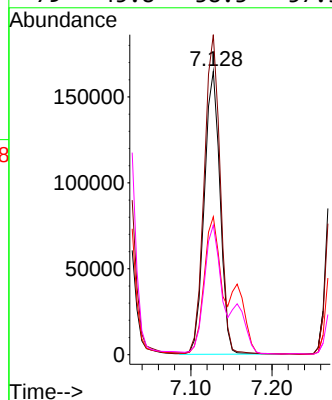
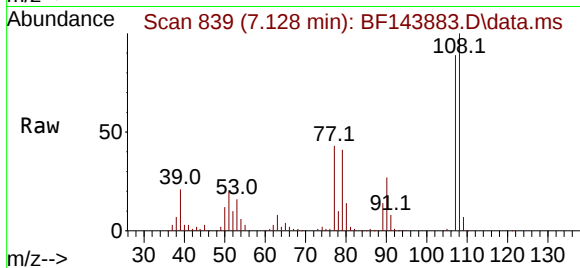


#17
2-Methylphenol
Concen: 38.352 ng
RT: 7.128 min Scan# 811
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:107 Resp: 222497

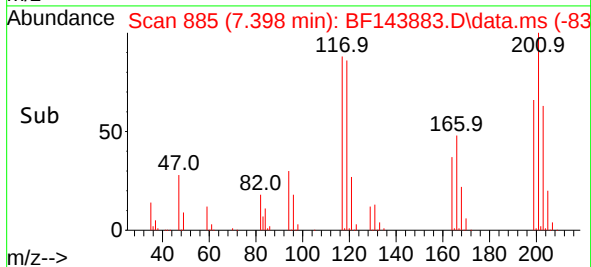
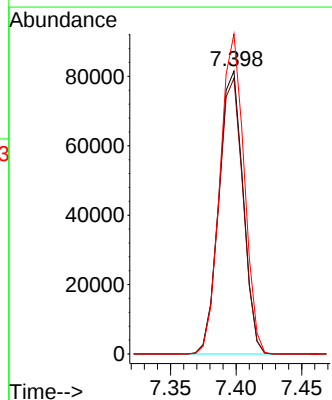
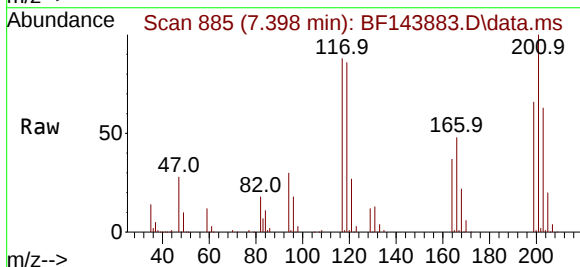
Ion	Ratio	Lower	Upper
107	100		
108	112.9	94.7	142.1
77	48.7	38.8	58.2
79	45.8	38.3	57.5

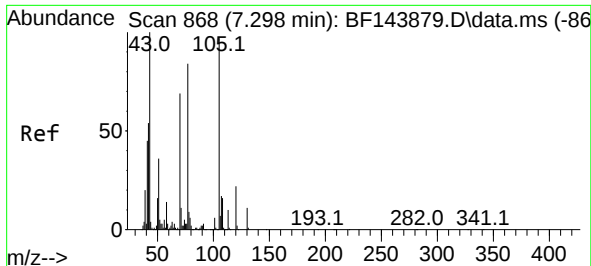


#18
Hexachloroethane
Concen: 37.755 ng
RT: 7.398 min Scan# 885
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:117 Resp: 104363

Ion	Ratio	Lower	Upper
117	100		
119	97.5	77.8	116.8
201	113.1	88.5	132.7



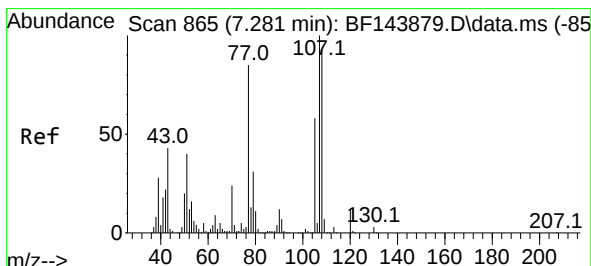
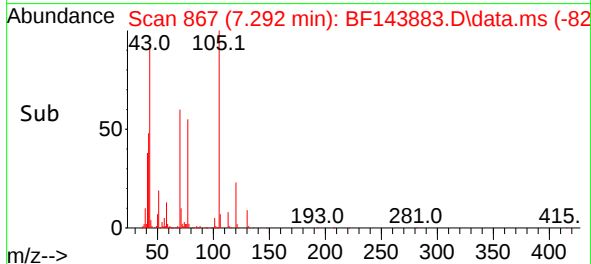
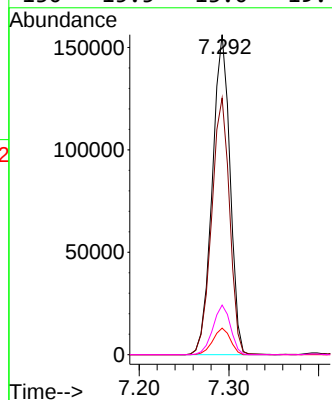
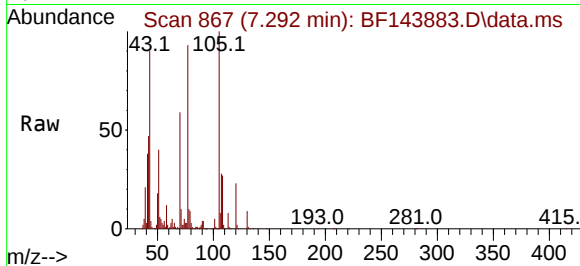


#19
n-Nitroso-di-n-propylamine
Concen: 36.612 ng
RT: 7.292 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion: 70 Resp: 214516

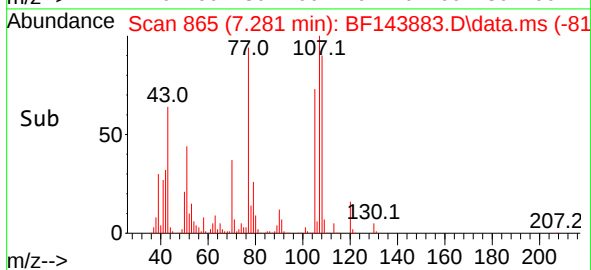
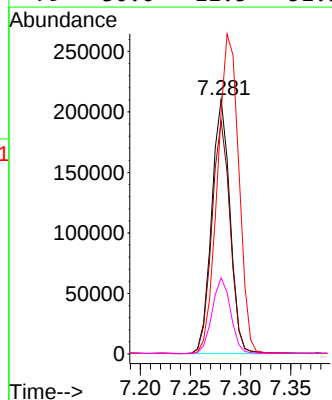
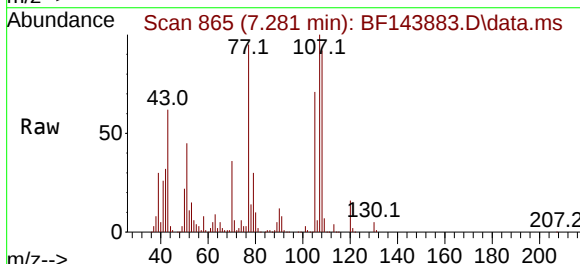
Ion	Ratio	Lower	Upper
70	100		
42	80.2	62.8	94.2
101	8.3	6.7	10.1
130	15.5	13.0	19.4

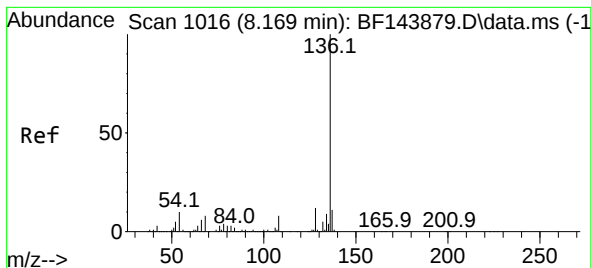


#20
3+4-Methylphenols
Concen: 39.880 ng
RT: 7.281 min Scan# 865
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 107 Resp: 268144

Ion	Ratio	Lower	Upper
107	100		
108	91.5	73.0	113.0
77	95.3	64.6	104.6
79	30.0	11.5	51.5





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.163 min Scan# 1016

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

Tgt Ion:136 Resp: 448972

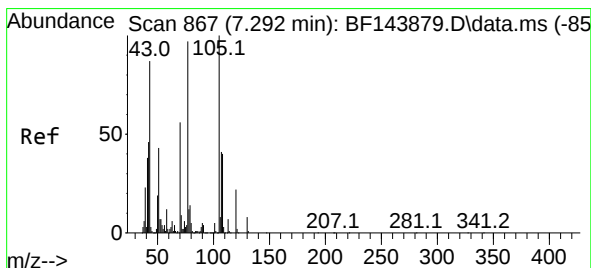
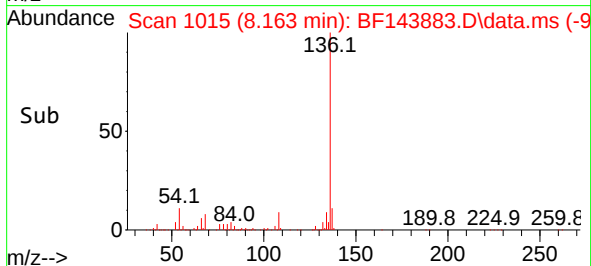
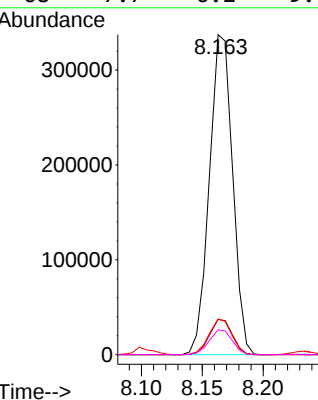
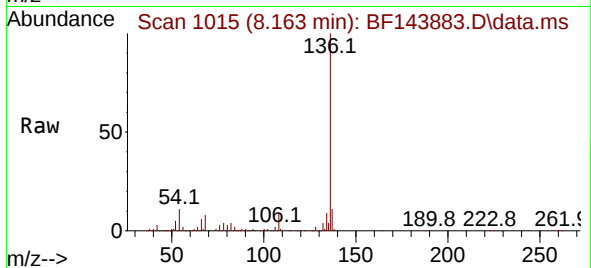
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.2 8.2 12.4

68 7.7 6.2 9.4



#22

Acetophenone

Concen: 37.713 ng

RT: 7.292 min Scan# 867

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:105 Resp: 358014

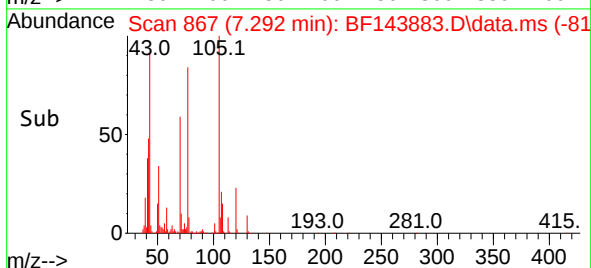
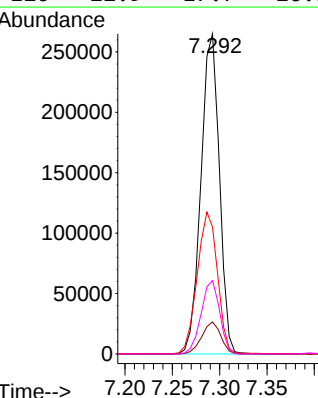
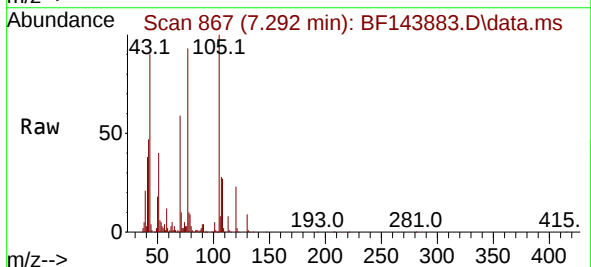
Ion Ratio Lower Upper

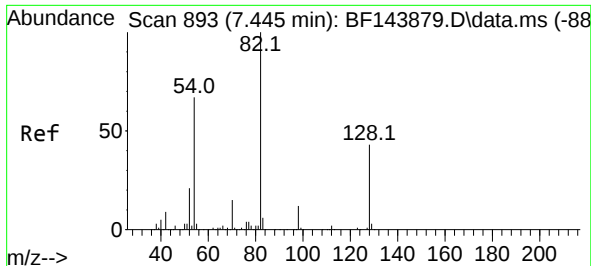
105 100

71 10.0 7.4 11.0

51 39.7 34.2 51.4

120 22.9 17.7 26.5

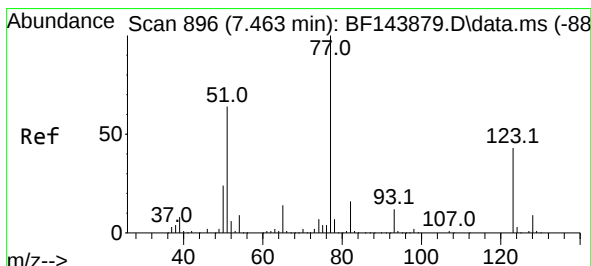
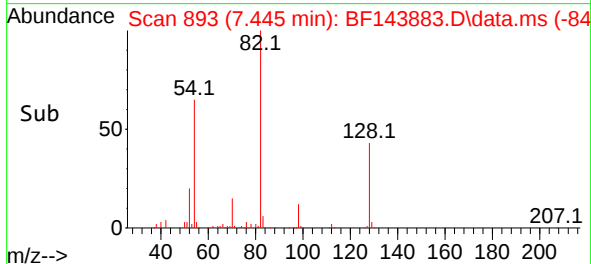
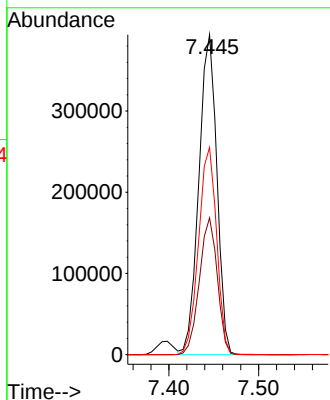
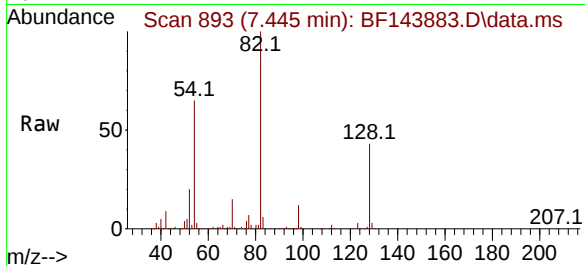




#23
Nitrobenzene-d5
Concen: 74.330 ng
RT: 7.445 min Scan# 893
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

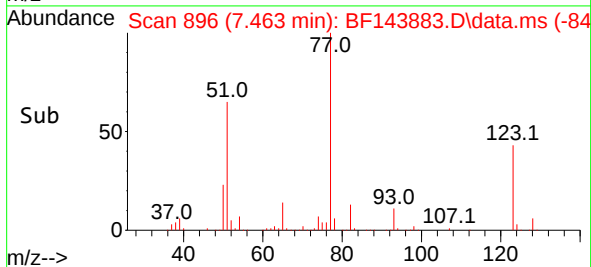
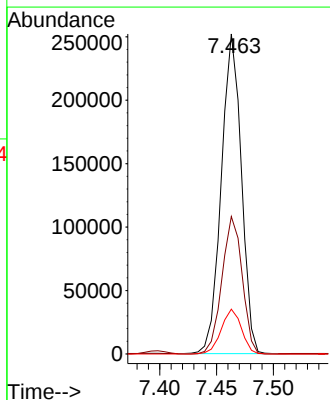
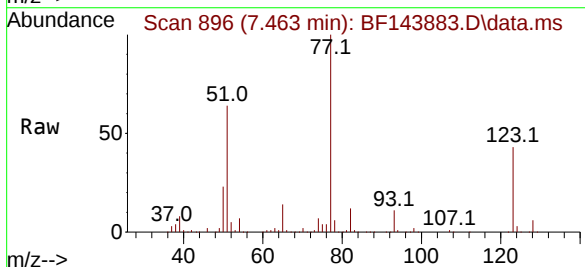
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

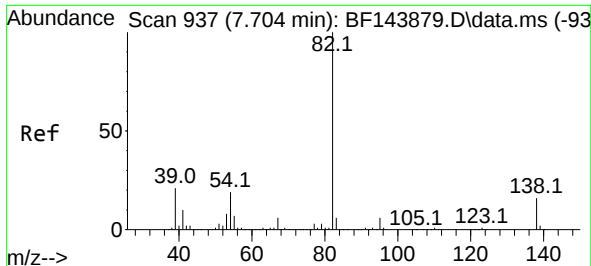
Tgt Ion: 82 Resp: 549291
Ion Ratio Lower Upper
82 100
128 42.8 34.0 51.0
54 64.8 53.2 79.8



#24
Nitrobenzene
Concen: 37.727 ng
RT: 7.463 min Scan# 896
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 77 Resp: 309611
Ion Ratio Lower Upper
77 100
123 42.9 34.2 51.4
65 14.0 11.0 16.6

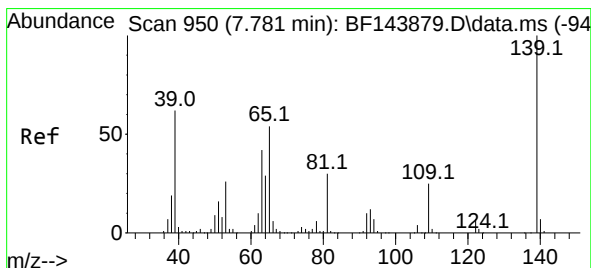
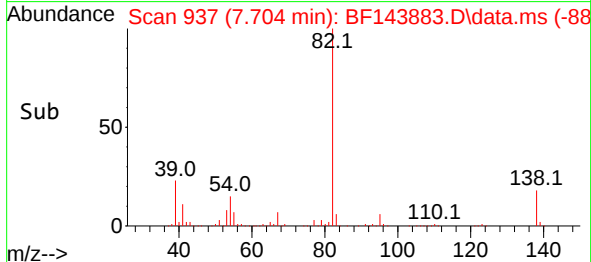
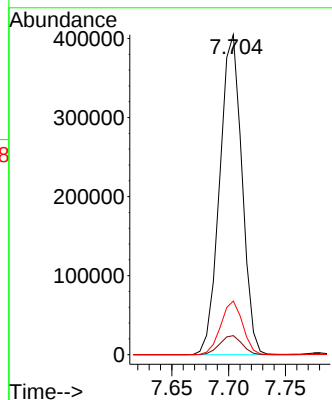
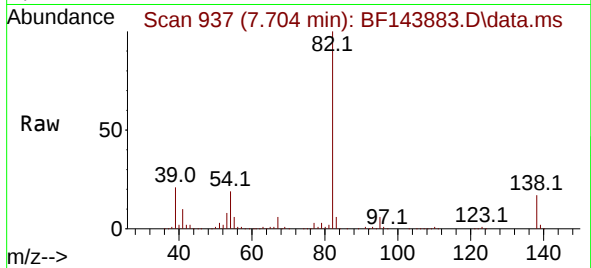




#25
Isophorone
Concen: 35.347 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

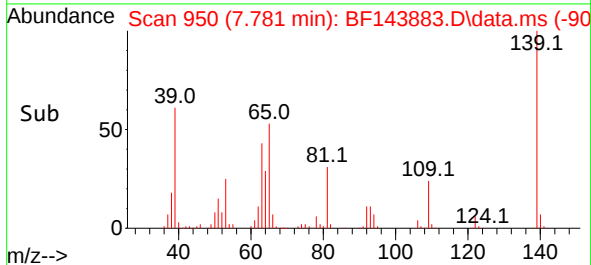
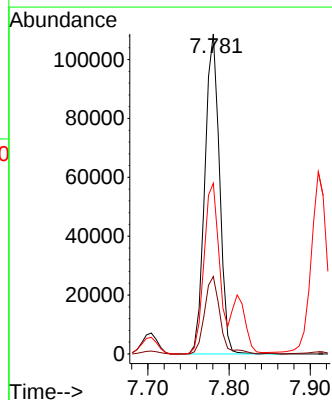
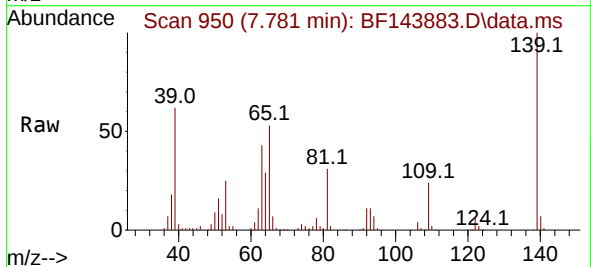
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

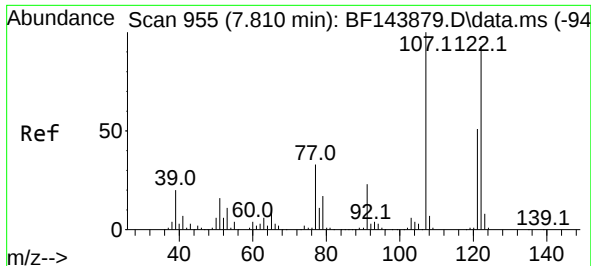
Tgt Ion: 82 Resp: 550779
Ion Ratio Lower Upper
82 100
95 6.0 5.1 7.7
138 16.8 12.9 19.3



#26
2-Nitrophenol
Concen: 38.717 ng
RT: 7.781 min Scan# 950
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 139 Resp: 136223
Ion Ratio Lower Upper
139 100
109 24.2 19.8 29.6
65 53.3 42.9 64.3

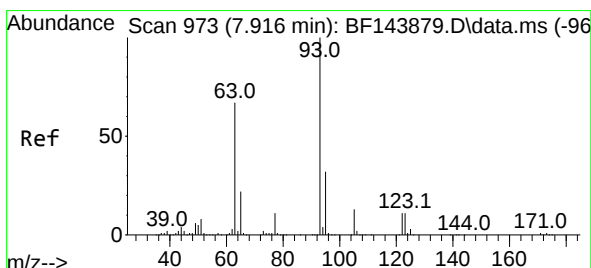
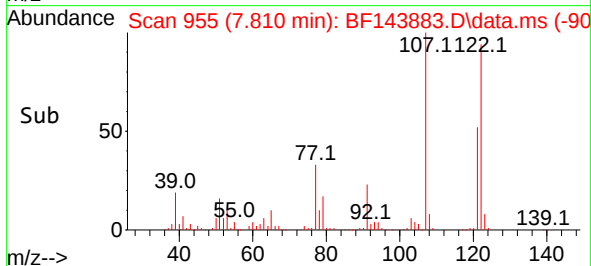
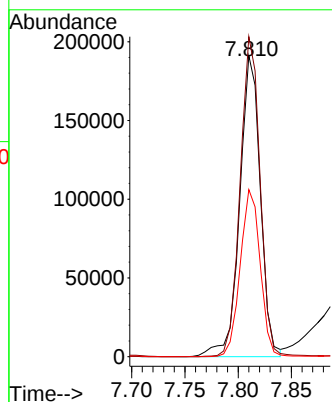
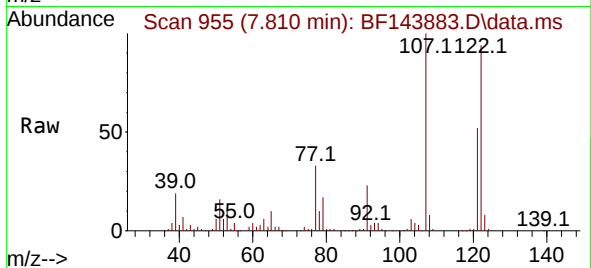




#27
2,4-Dimethylphenol
Concen: 40.847 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

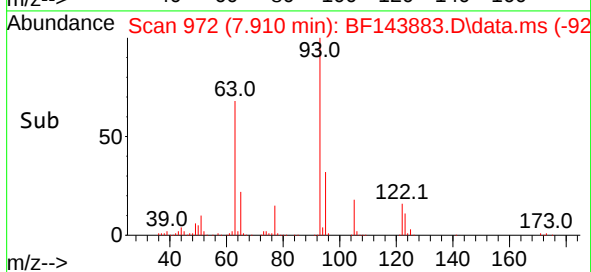
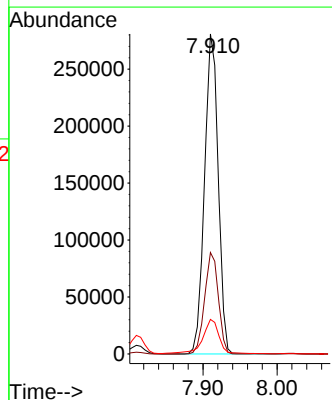
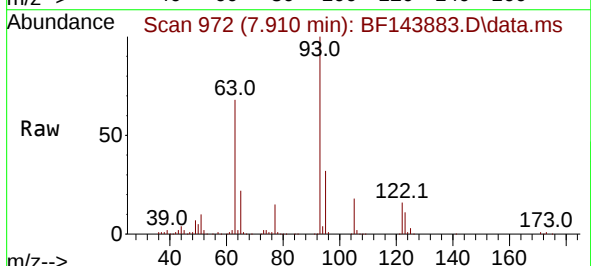
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

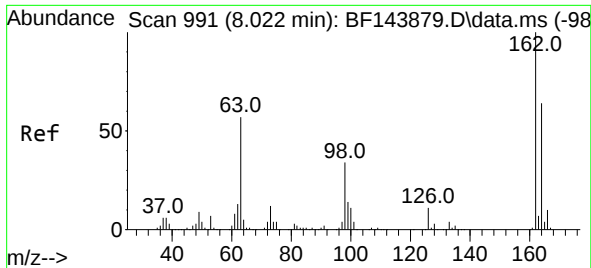
Tgt Ion:122 Resp: 258524
Ion Ratio Lower Upper
122 100
107 106.3 86.1 129.1
121 55.5 43.8 65.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.639 ng
RT: 7.910 min Scan# 972
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion: 93 Resp: 360632
Ion Ratio Lower Upper
93 100
95 31.7 25.9 38.9
123 10.8 9.4 14.0





#29

2,4-Dichlorophenol

Concen: 36.899 ng

RT: 8.016 min Scan# 991

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

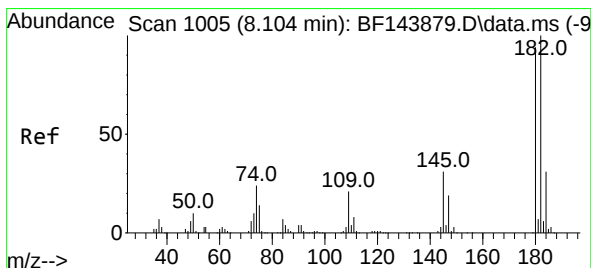
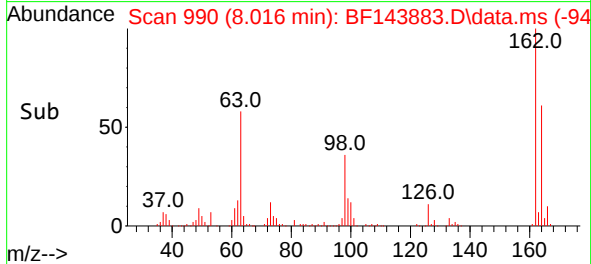
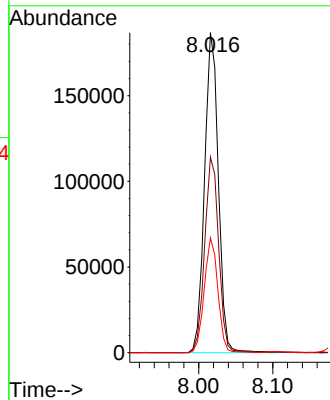
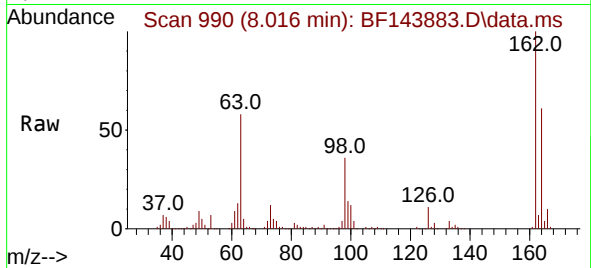
Tgt Ion:162 Resp: 243265

Ion Ratio Lower Upper

162 100

164 61.1 43.9 83.9

98 35.9 14.4 54.4



#30

1,2,4-Trichlorobenzene

Concen: 37.503 ng

RT: 8.104 min Scan# 1005

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

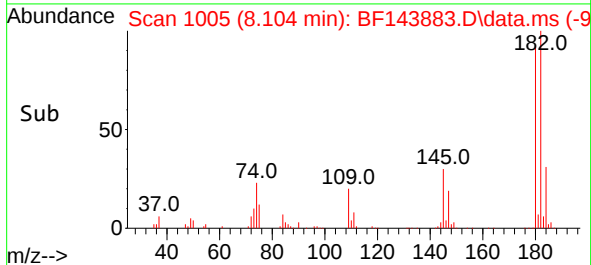
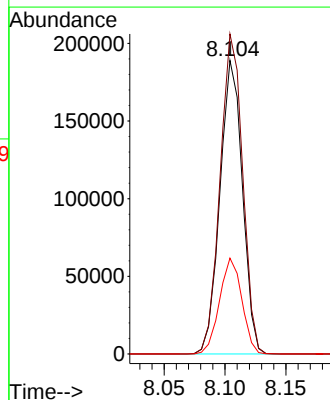
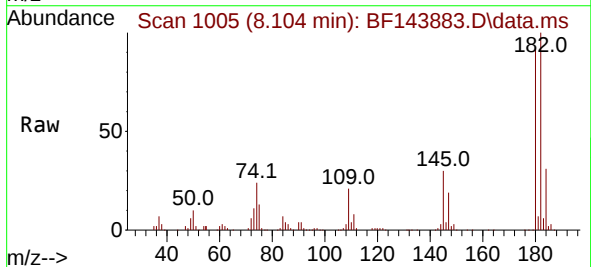
Tgt Ion:180 Resp: 243161

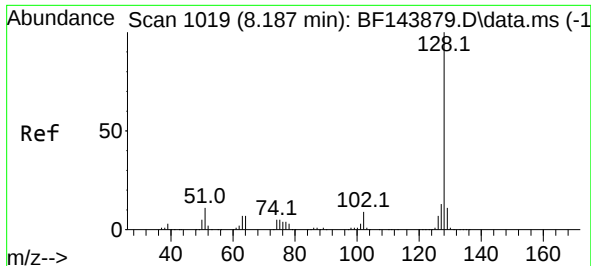
Ion Ratio Lower Upper

180 100

182 109.0 85.4 128.0

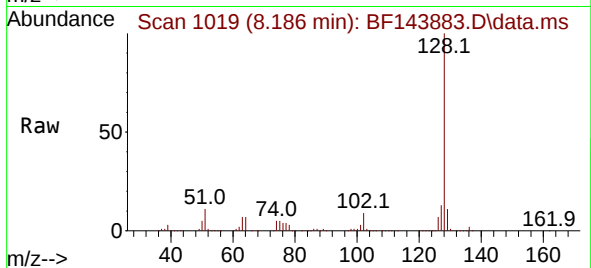
145 32.7 26.3 39.5



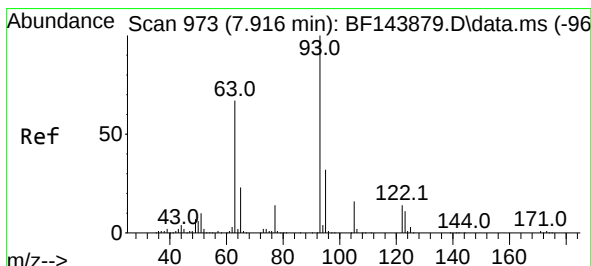
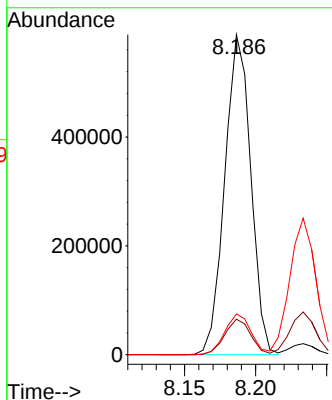
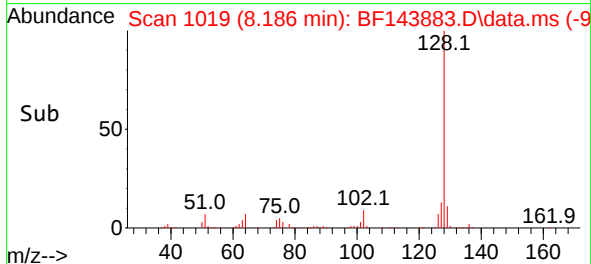


#31
Naphthalene
Concen: 36.679 ng
RT: 8.186 min Scan# 1019
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

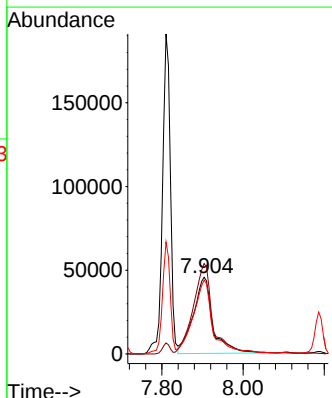
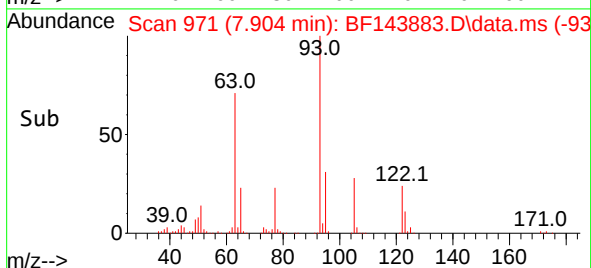
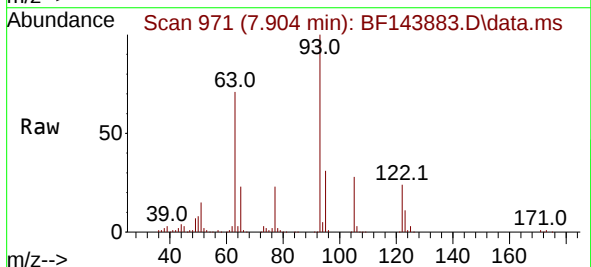


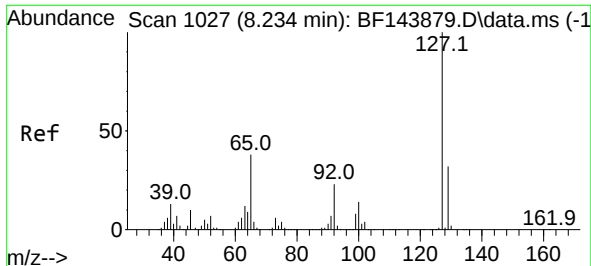
Tgt Ion:128 Resp: 749110
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 12.8 10.0 15.0



#32
Benzoic acid
Concen: 35.162 ng
RT: 7.904 min Scan# 971
Delta R.T. -0.059 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:122 Resp: 154019
Ion Ratio Lower Upper
122 100
105 118.0 93.5 133.5
77 96.2 76.3 116.3

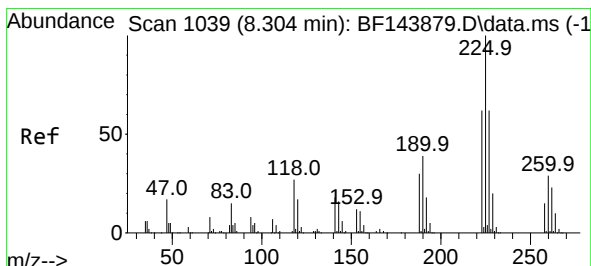
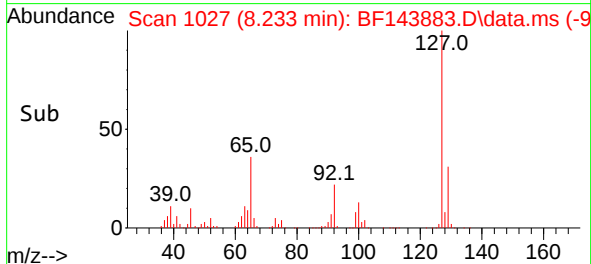
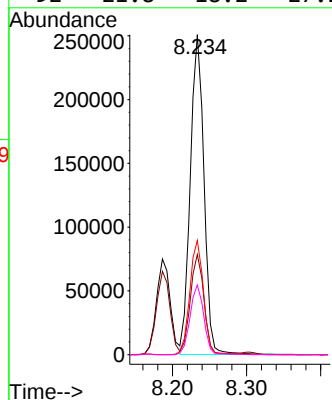
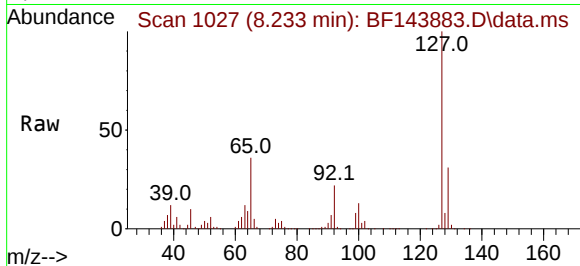




#33
4-Chloroaniline
Concen: 41.950 ng
RT: 8.233 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

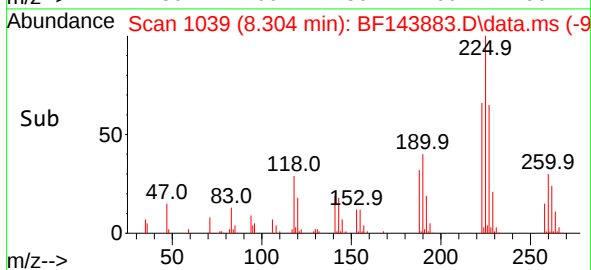
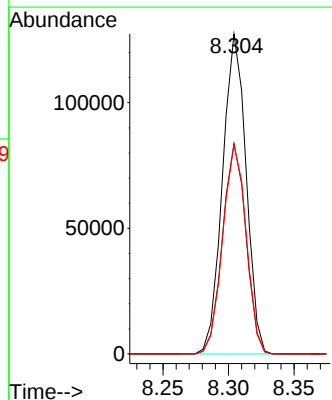
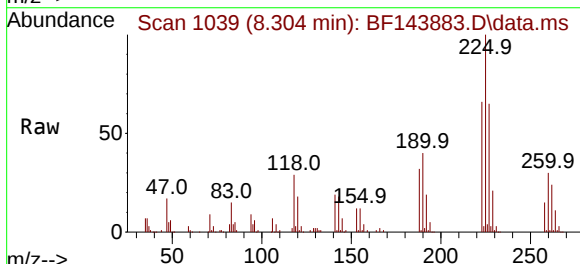
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

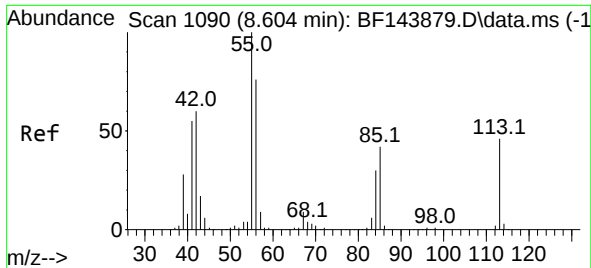
Tgt Ion:127	Resp: 321328
Ion Ratio	Lower Upper
127 100	
129 31.3	25.8 38.8
65 35.7	30.0 45.0
92 21.8	18.2 27.2



#34
Hexachlorobutadiene
Concen: 35.201 ng
RT: 8.304 min Scan# 1039
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:225	Resp: 158600		
Ion Ratio	Lower	Upper	
225 100			
223 65.7	49.4	74.2	
227 65.4	49.7	74.5	

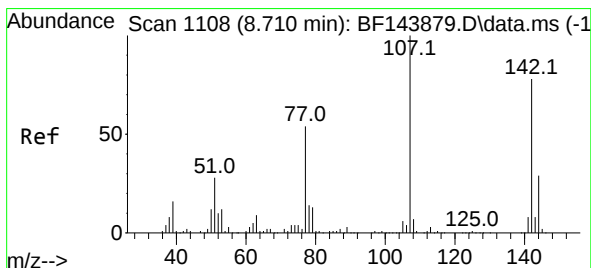
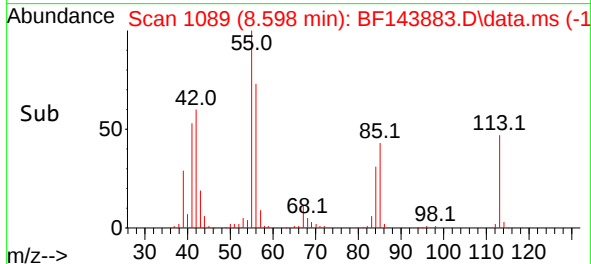
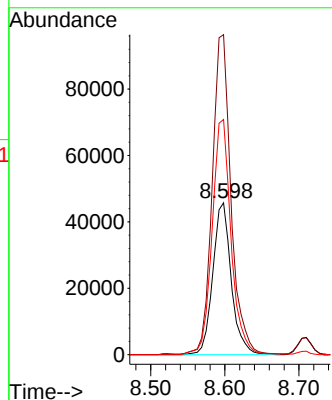
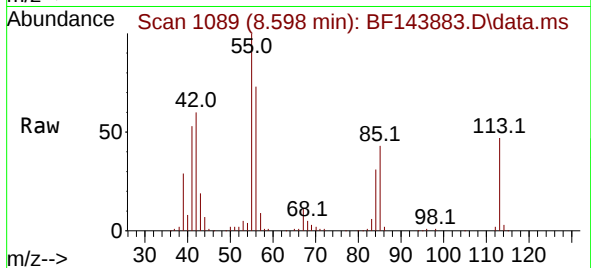




#35
 Caprolactam
 Concen: 37.736 ng
 RT: 8.598 min Scan# 1090
 Delta R.T. -0.047 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

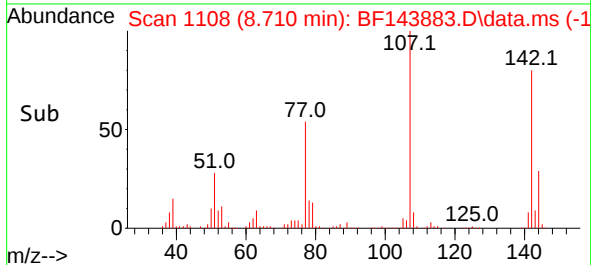
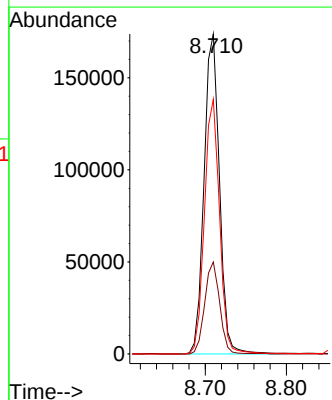
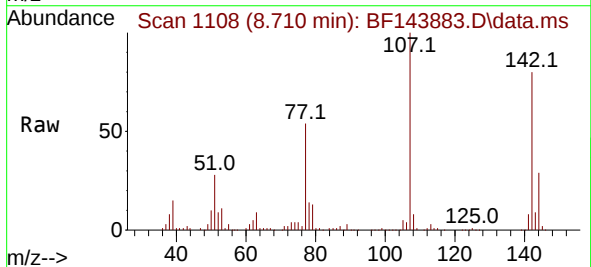
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

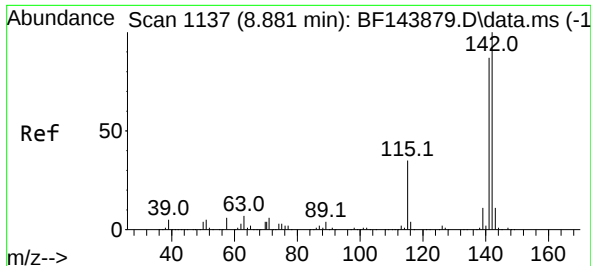
Tgt Ion:113 Resp: 79102
 Ion Ratio Lower Upper
 113 100
 55 210.6 199.6 239.6
 56 154.8 146.0 186.0



#36
 4-Chloro-3-methylphenol
 Concen: 36.079 ng
 RT: 8.710 min Scan# 1108
 Delta R.T. -0.012 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

Tgt Ion:107 Resp: 228481
 Ion Ratio Lower Upper
 107 100
 144 28.8 23.1 34.7
 142 79.6 62.6 94.0





#37

2-Methylnaphthalene

Concen: 33.257 ng

RT: 8.881 min Scan# 1137

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

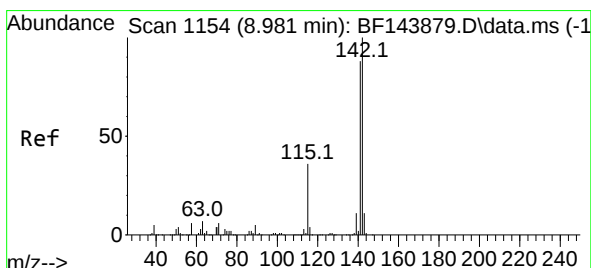
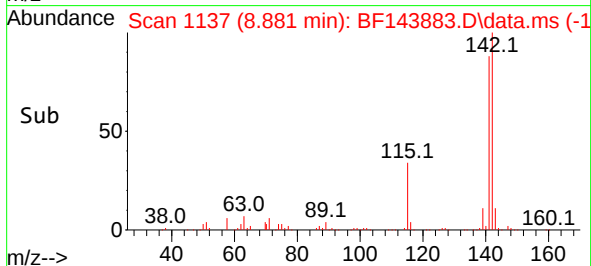
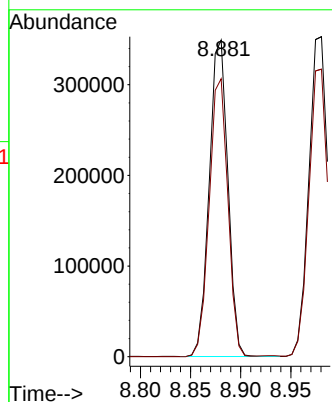
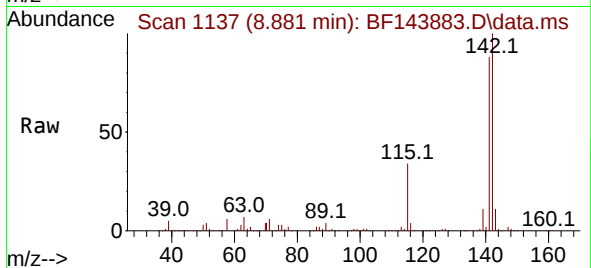
ICVBF100625

Tgt Ion:142 Resp: 452442

Ion Ratio Lower Upper

142 100

141 87.8 69.2 103.8



#38

1-Methylnaphthalene

Concen: 35.269 ng

RT: 8.980 min Scan# 1154

Delta R.T. -0.006 min

Lab File: BF143883.D

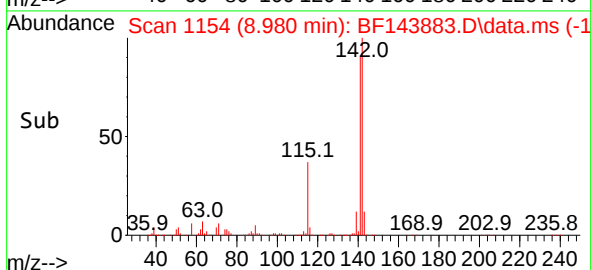
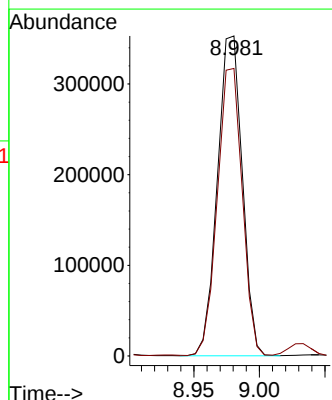
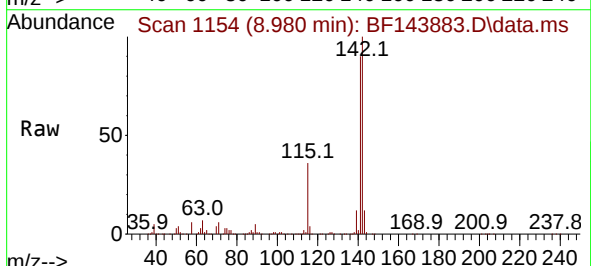
Acq: 06 Oct 2025 16:08

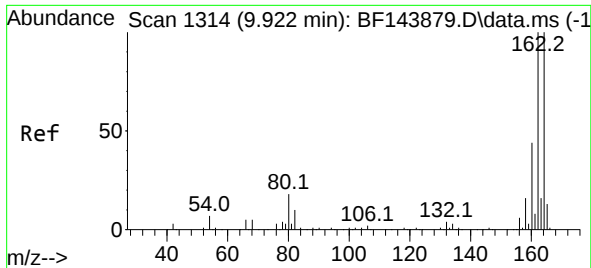
Tgt Ion:142 Resp: 465414

Ion Ratio Lower Upper

142 100

141 89.9 70.8 106.2

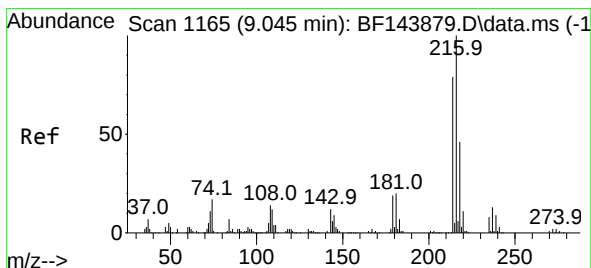
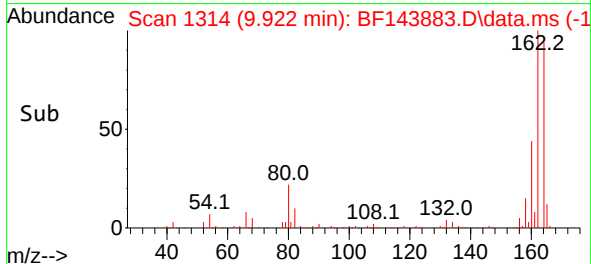
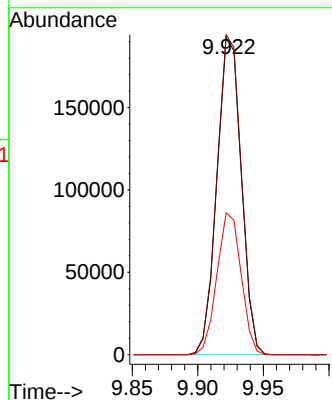
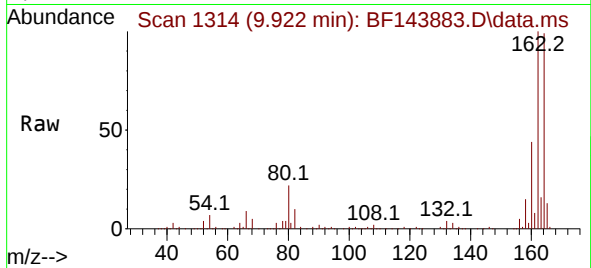




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1165
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

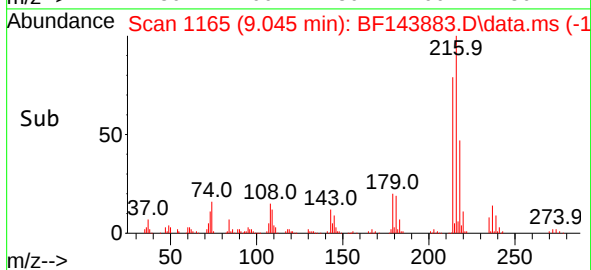
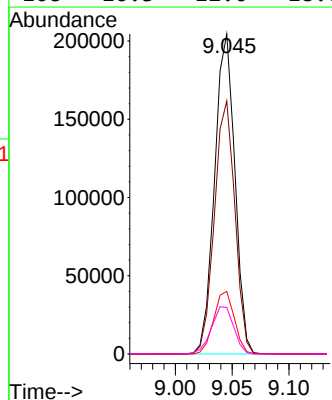
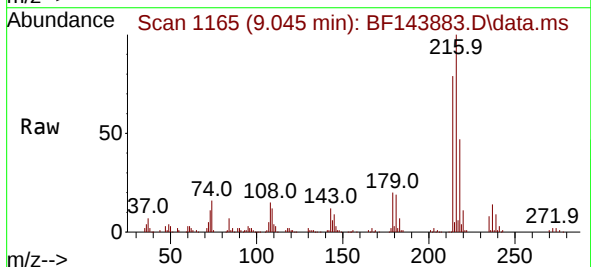
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

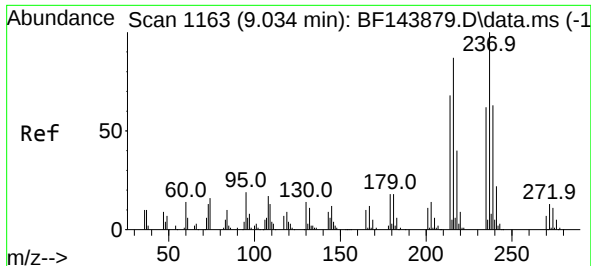
Tgt Ion:164 Resp: 247780
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.7 35.4 53.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.122 ng
RT: 9.045 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:216 Resp: 254223
Ion Ratio Lower Upper
216 100
214 79.7 62.6 94.0
179 19.9 15.4 23.0
108 16.3 12.0 18.0

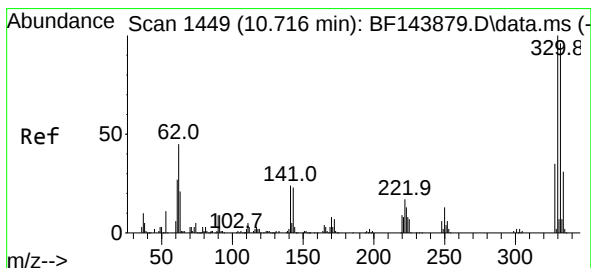
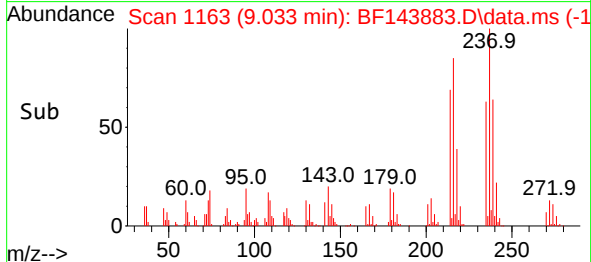
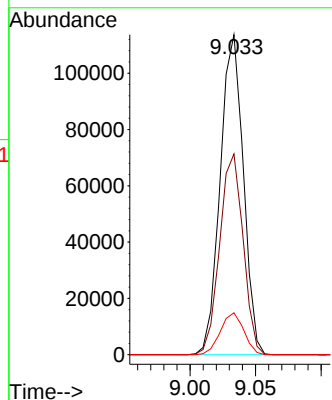
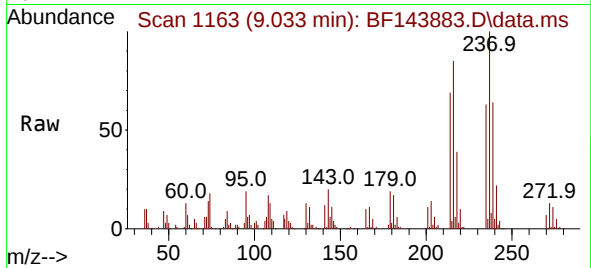




#41
Hexachlorocyclopentadiene
Concen: 48.984 ng
RT: 9.033 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

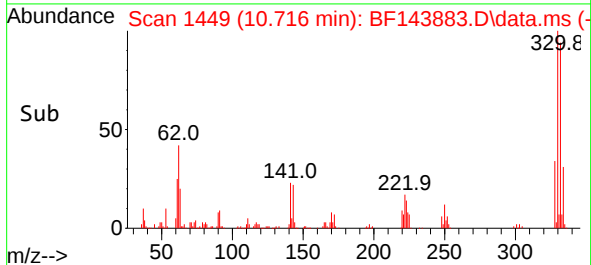
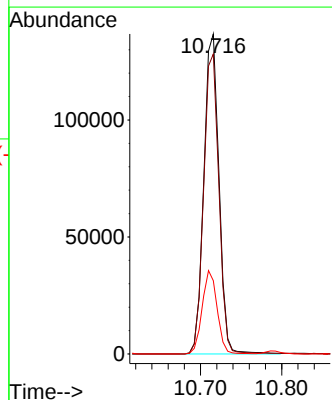
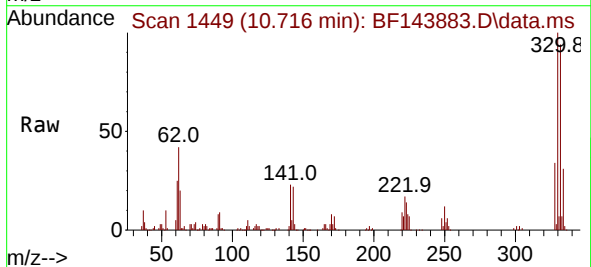
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

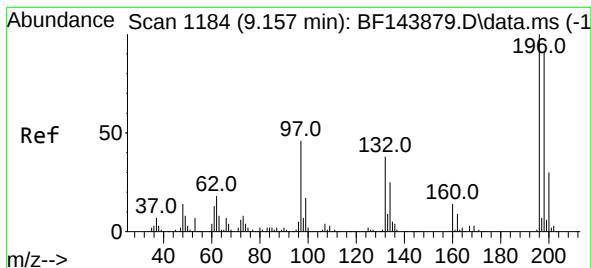
Tgt Ion:237 Resp: 139168
Ion Ratio Lower Upper
237 100
235 62.8 42.3 82.3
272 13.1 0.0 33.1



#42
2,4,6-Tribromophenol
Concen: 71.685 ng
RT: 10.716 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:330 Resp: 176914
Ion Ratio Lower Upper
330 100
332 94.3 76.9 115.3
141 25.8 20.2 30.4





#43

2,4,6-Trichlorophenol

Concen: 36.726 ng

RT: 9.151 min Scan# 1183

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

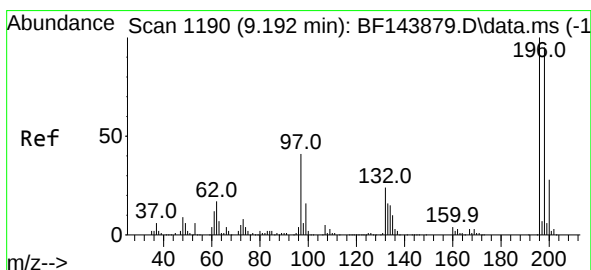
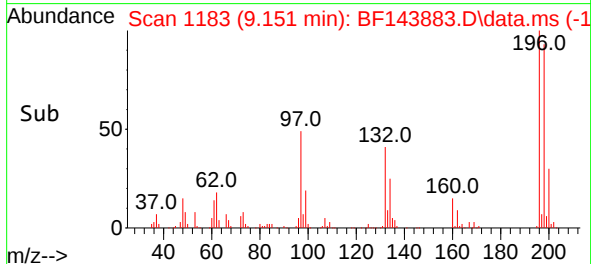
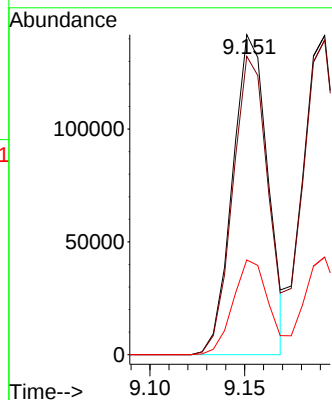
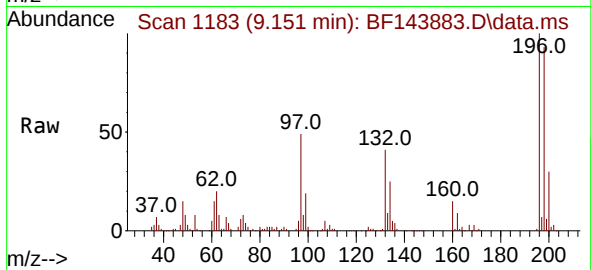
Tgt Ion:196 Resp: 183769

Ion Ratio Lower Upper

196 100

198 93.3 72.8 109.2

200 29.6 24.0 36.0



#44

2,4,5-Trichlorophenol

Concen: 35.194 ng

RT: 9.192 min Scan# 1190

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Tgt Ion:196 Resp: 186099

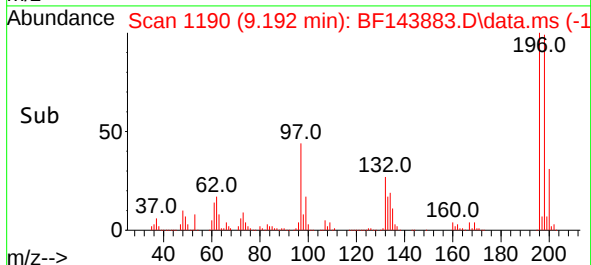
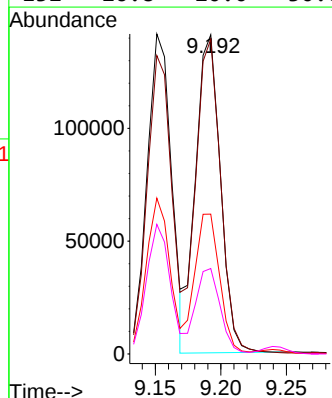
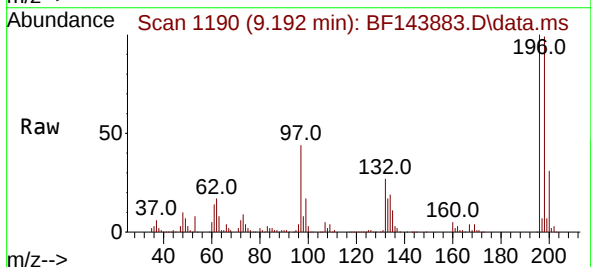
Ion Ratio Lower Upper

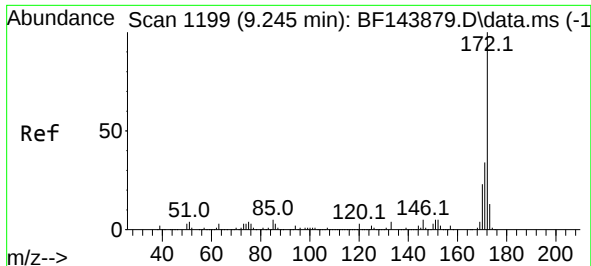
196 100

198 98.6 75.5 113.3

97 43.8 33.9 50.9

132 26.8 20.0 30.0

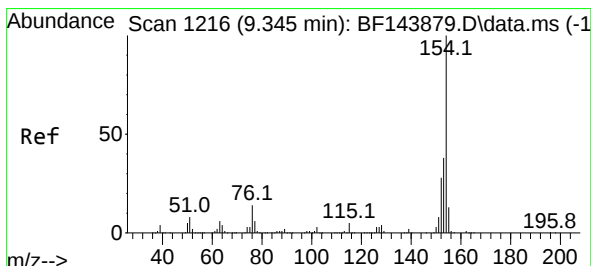
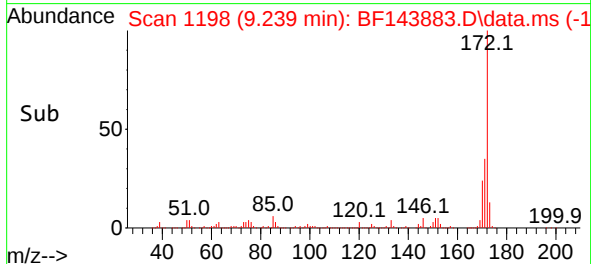
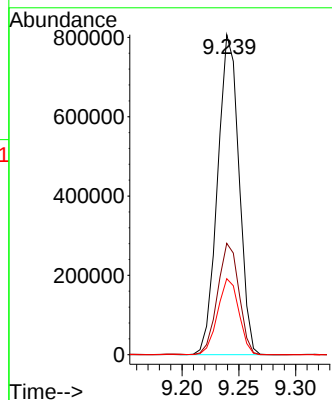
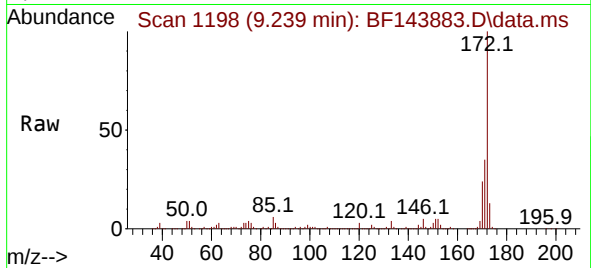




#45
2-Fluorobiphenyl
Concen: 67.621 ng
RT: 9.239 min Scan# 1199
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

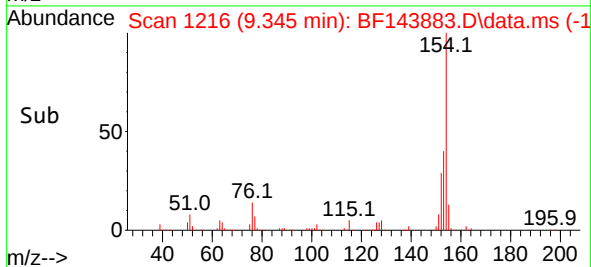
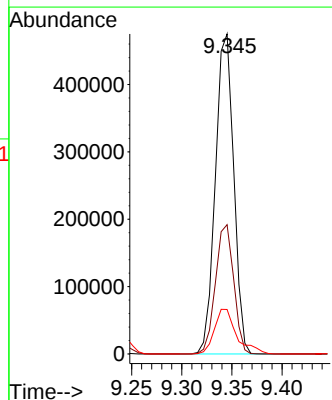
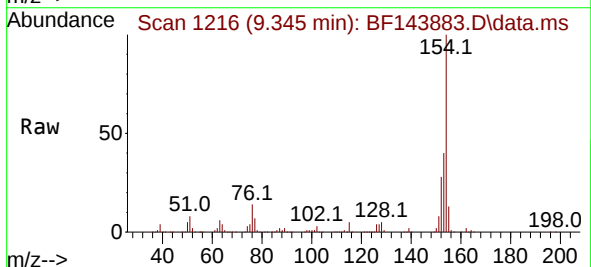
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

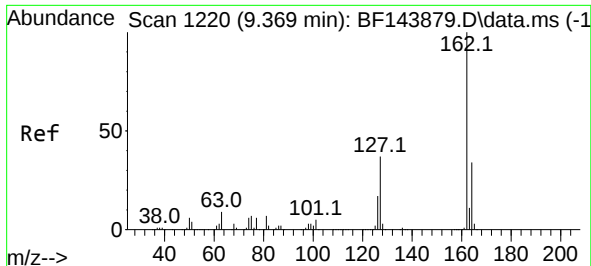
Tgt Ion:172 Resp: 1055942
Ion Ratio Lower Upper
172 100
171 34.8 27.4 41.0
170 23.8 18.6 28.0



#46
1,1'-Biphenyl
Concen: 36.770 ng
RT: 9.345 min Scan# 1216
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 603213
Ion Ratio Lower Upper
154 100
153 40.4 18.4 58.4
76 13.9 0.0 34.0





#47

2-Chloronaphthalene

Concen: 36.454 ng

RT: 9.369 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

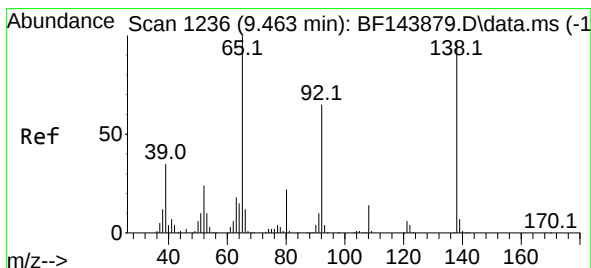
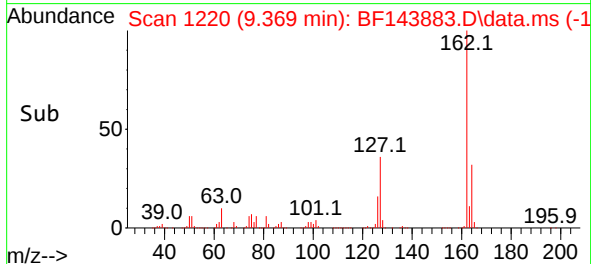
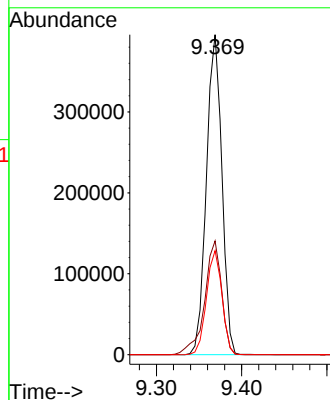
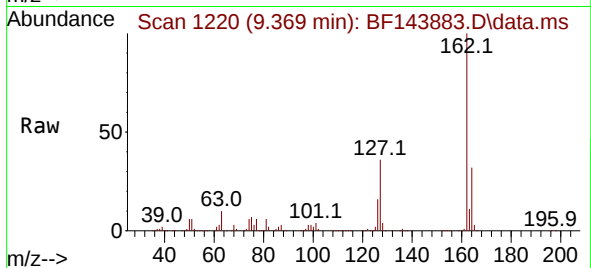
Tgt Ion:162 Resp: 498615

Ion Ratio Lower Upper

162 100

127 35.6 30.2 45.2

164 32.5 26.9 40.3



#48

2-Nitroaniline

Concen: 38.894 ng

RT: 9.463 min Scan# 1236

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

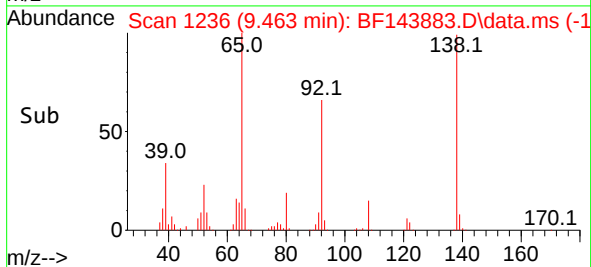
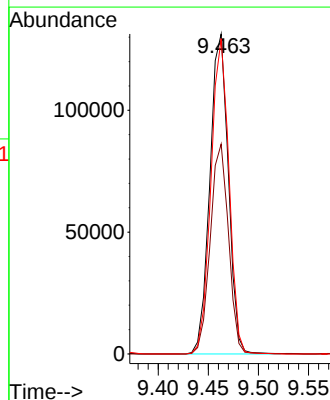
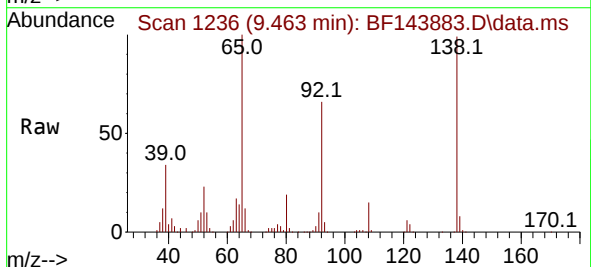
Tgt Ion: 65 Resp: 168191

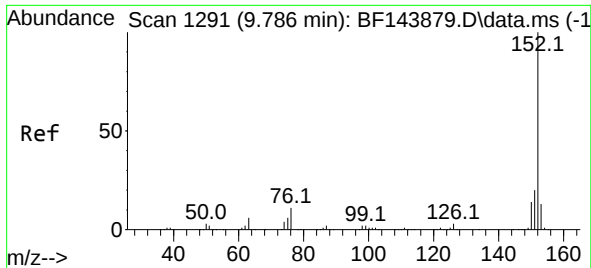
Ion Ratio Lower Upper

65 100

92 65.6 52.1 78.1

138 98.5 77.4 116.2

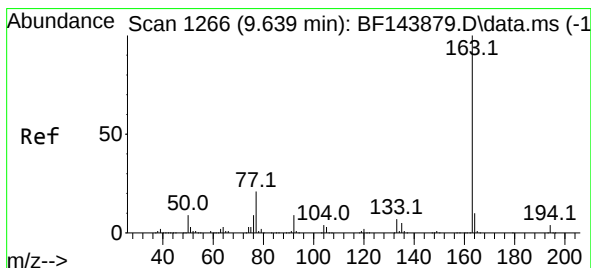
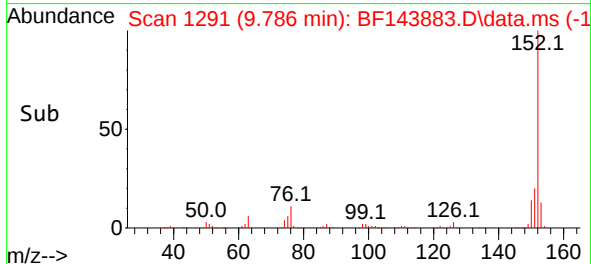
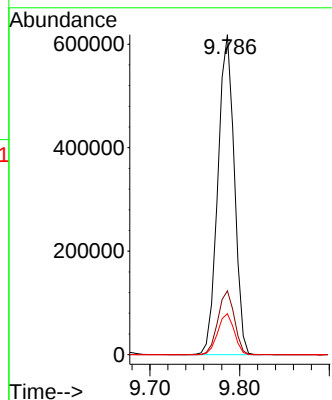
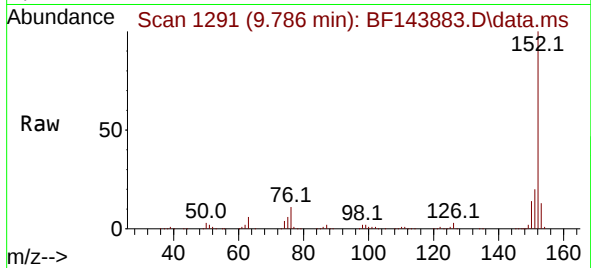




#49
Acenaphthylene
Concen: 40.859 ng
RT: 9.786 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

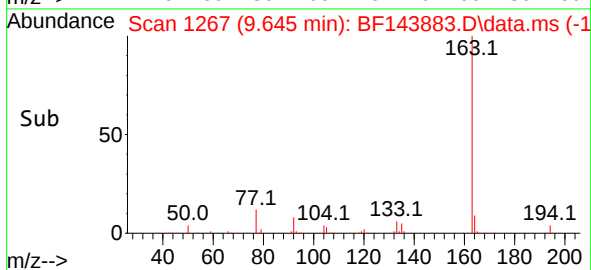
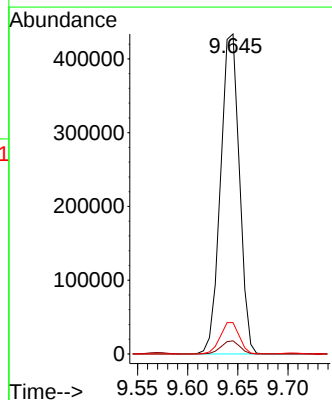
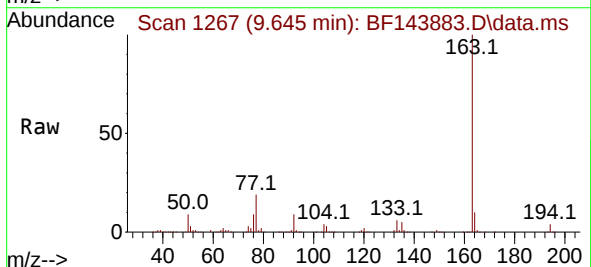
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

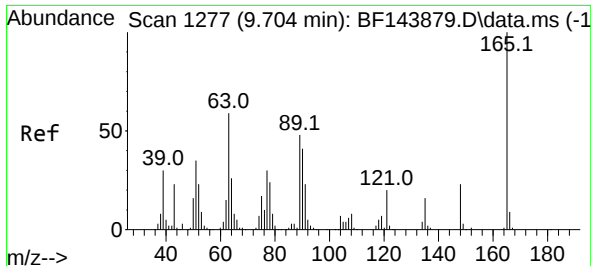
Tgt Ion:152 Resp: 785697
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.6
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 35.968 ng
RT: 9.645 min Scan# 1267
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:163 Resp: 565953
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.8 8.1 12.1

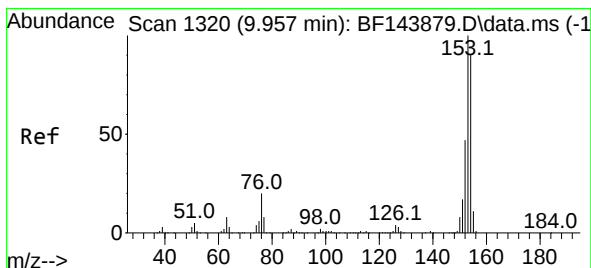
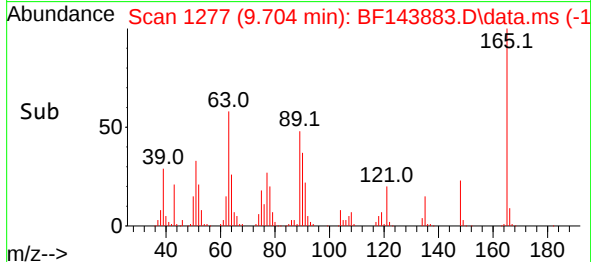
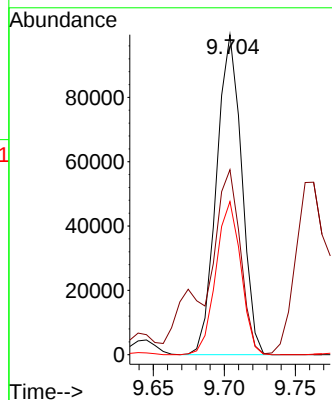
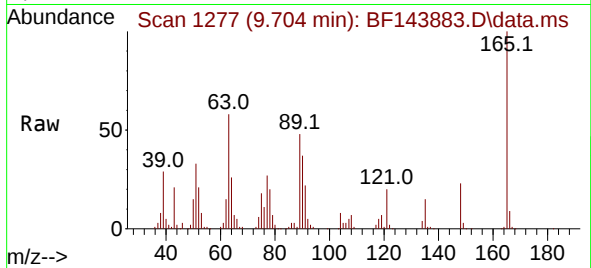




#51
2,6-Dinitrotoluene
Concen: 41.967 ng
RT: 9.704 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

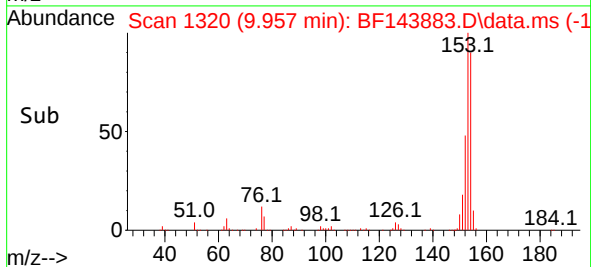
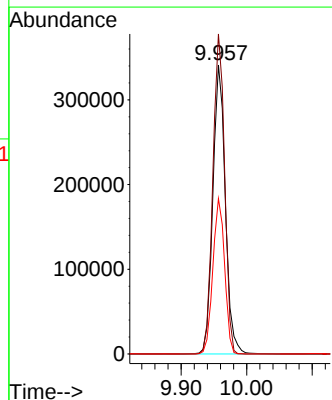
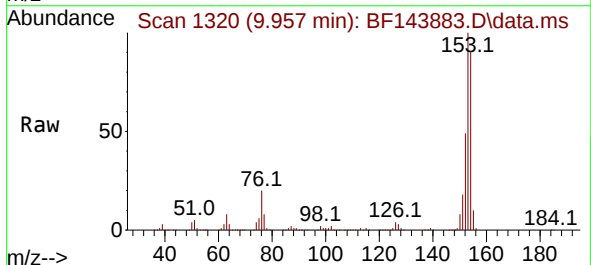
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

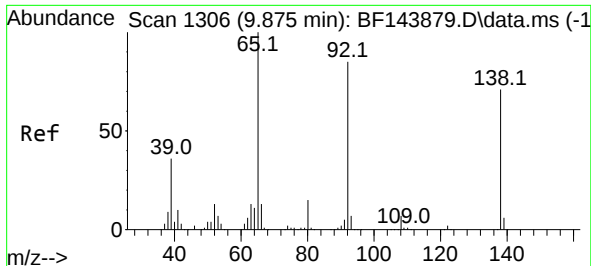
Tgt Ion:165 Resp: 122449
Ion Ratio Lower Upper
165 100
63 57.8 47.3 70.9
89 47.8 38.2 57.4



#52
Acenaphthene
Concen: 35.913 ng
RT: 9.957 min Scan# 1320
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:154 Resp: 452513
Ion Ratio Lower Upper
154 100
153 110.8 89.3 133.9
152 53.8 42.2 63.2

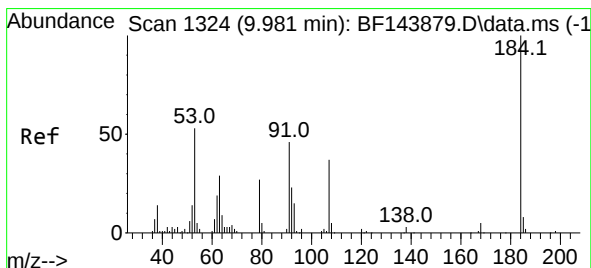
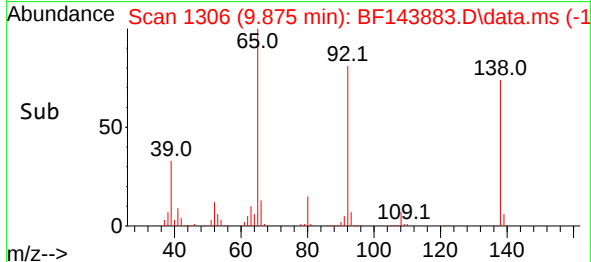
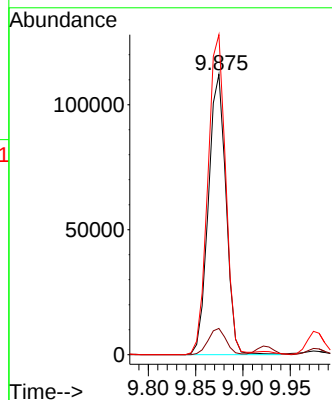
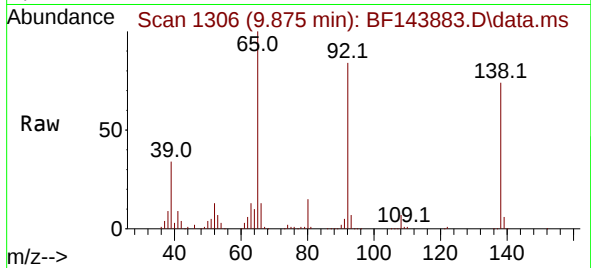




#53
3-Nitroaniline
Concen: 40.493 ng
RT: 9.875 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

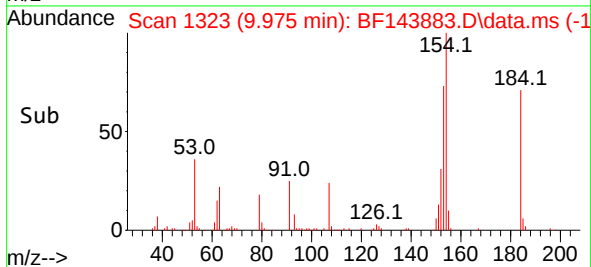
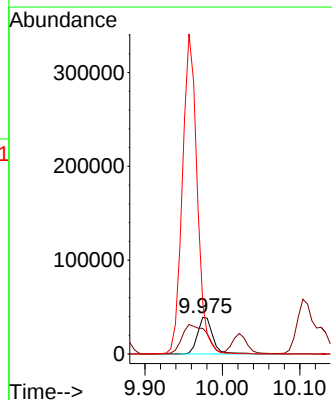
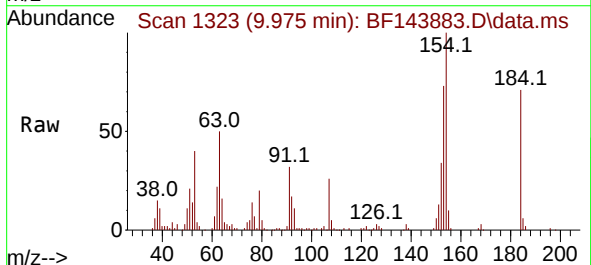
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

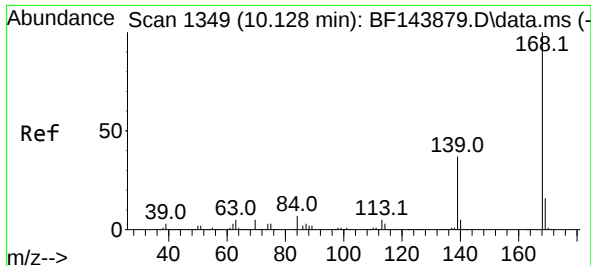
Tgt Ion:138 Resp: 144668
Ion Ratio Lower Upper
138 100
108 9.3 8.3 12.5
92 114.2 96.2 144.2



#54
2,4-Dinitrophenol
Concen: 33.731 ng
RT: 9.975 min Scan# 1323
Delta R.T. -0.011 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:184 Resp: 52796
Ion Ratio Lower Upper
184 100
63 70.0 48.2 72.4
154 140.2 49.2 73.8#

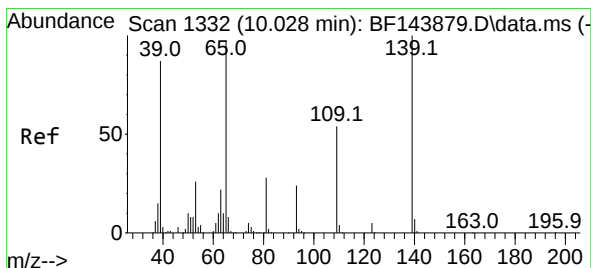
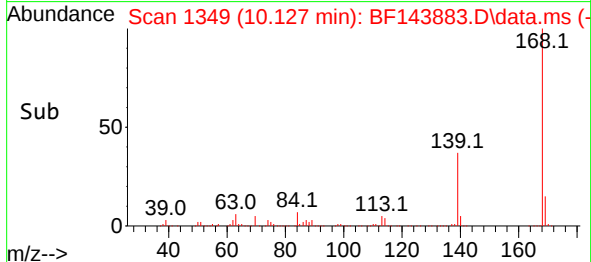
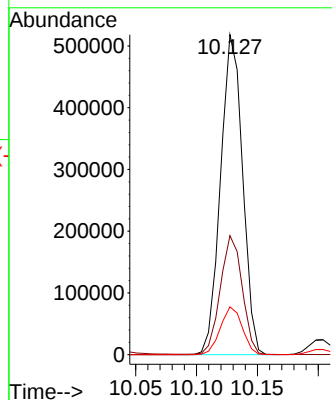
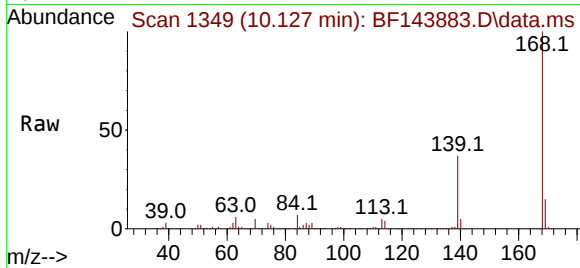




#55
Dibenzenofuran
Concen: 36.717 ng
RT: 10.127 min Scan# 1349
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

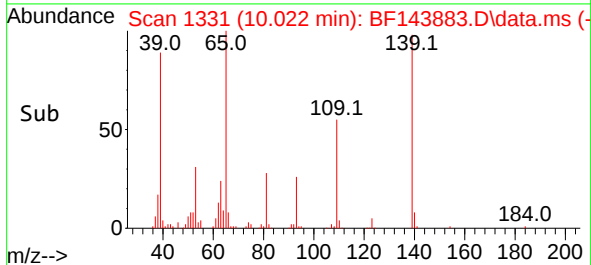
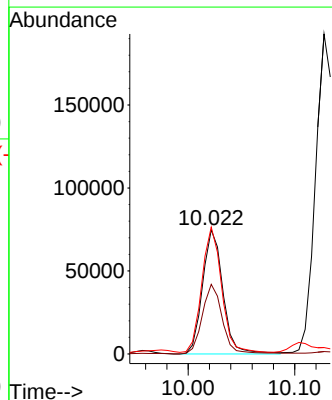
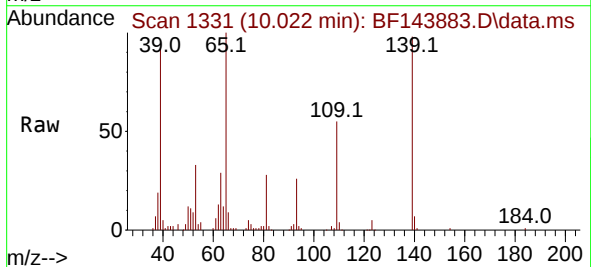
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

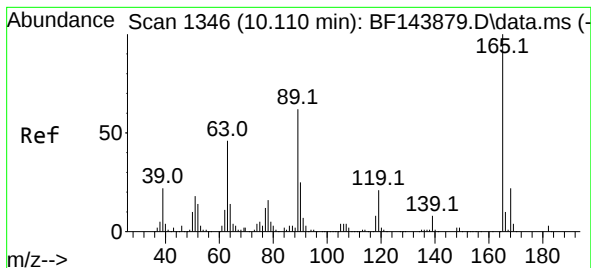
Tgt Ion:168 Resp: 653073
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8
169 15.0 12.8 19.2



#56
4-Nitrophenol
Concen: 36.850 ng
RT: 10.022 min Scan# 1331
Delta R.T. -0.017 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:139 Resp: 99684
Ion Ratio Lower Upper
139 100
109 56.0 34.5 74.5
65 102.2 77.6 117.6

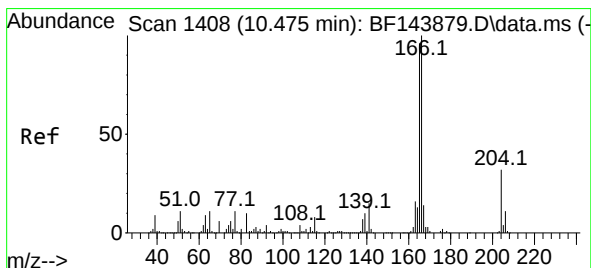
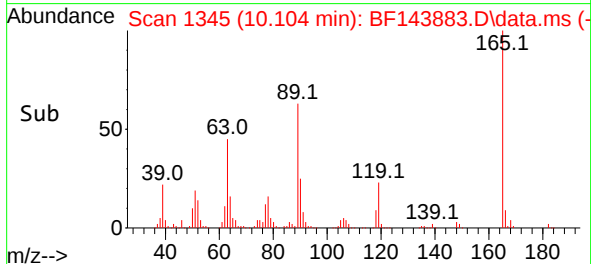
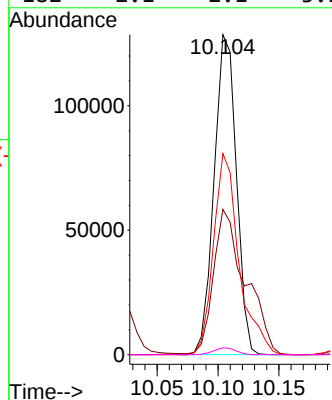
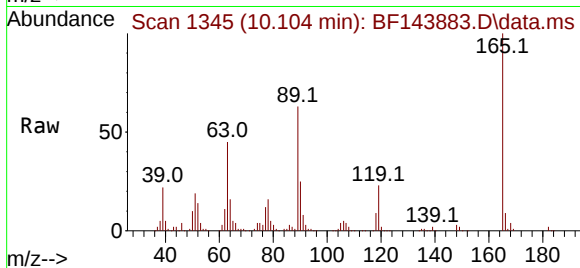




#57
2,4-Dinitrotoluene
Concen: 41.169 ng
RT: 10.104 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

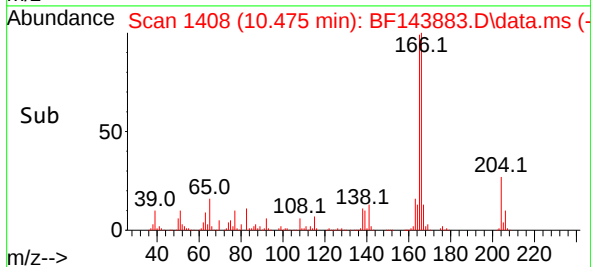
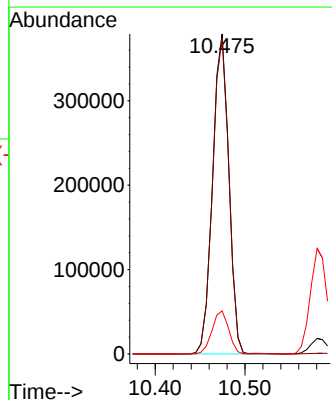
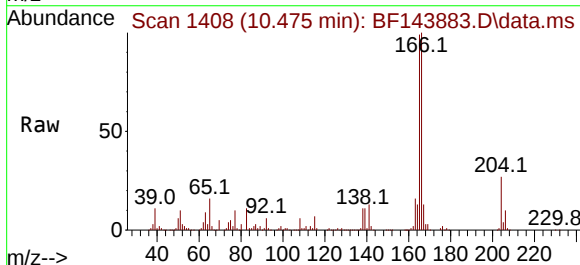
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

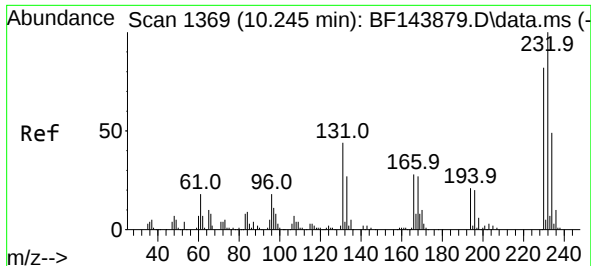
Tgt Ion:165 Resp: 163440
Ion Ratio Lower Upper
165 100
63 45.4 37.2 55.8
89 62.8 49.4 74.2
182 2.1 2.1 3.1



#58
Fluorene
Concen: 35.527 ng
RT: 10.475 min Scan# 1408
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:166 Resp: 476811
Ion Ratio Lower Upper
166 100
165 98.7 77.0 115.6
167 13.4 11.1 16.7

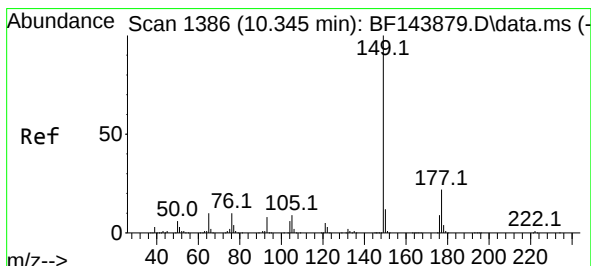
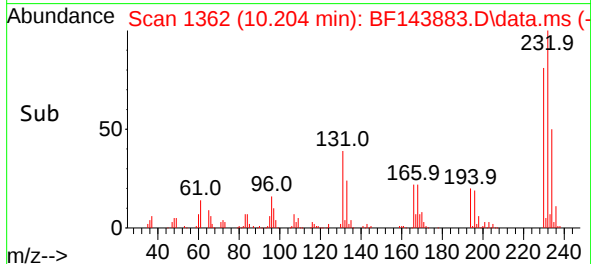
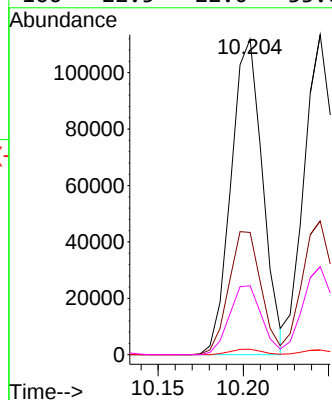
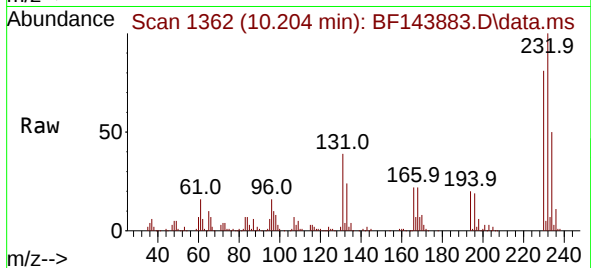




#59
2,3,4,6-Tetrachlorophenol
Concen: 38.488 ng
RT: 10.204 min Scan# 1362
Delta R.T. -0.047 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

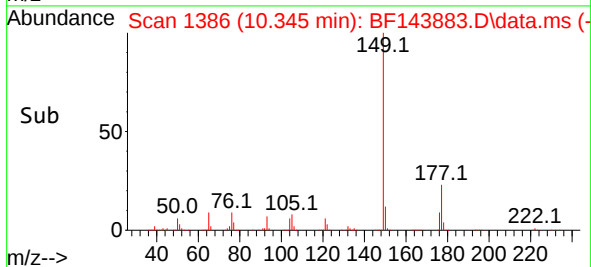
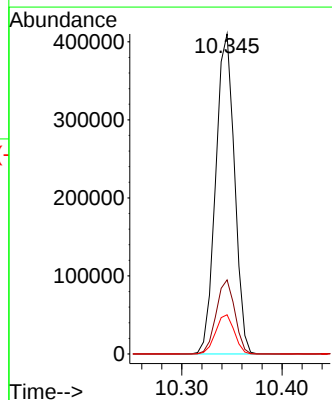
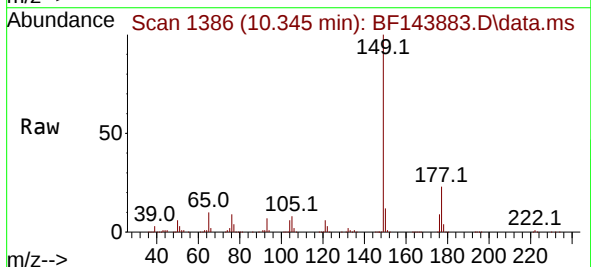
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

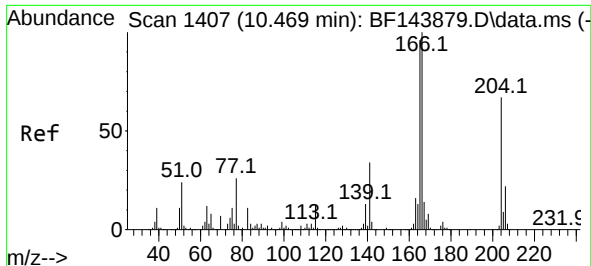
Tgt Ion:232 Resp: 144064
Ion Ratio Lower Upper
232 100
131 40.0 34.9 52.3
130 1.8 1.6 2.4
166 22.5 22.0 33.0



#60
Diethylphthalate
Concen: 36.501 ng
RT: 10.345 min Scan# 1386
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 533574
Ion Ratio Lower Upper
149 100
177 23.1 17.9 26.9
150 12.3 9.8 14.8

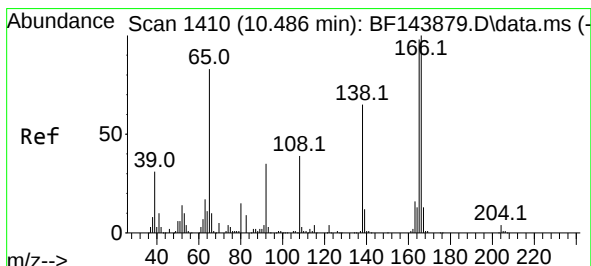
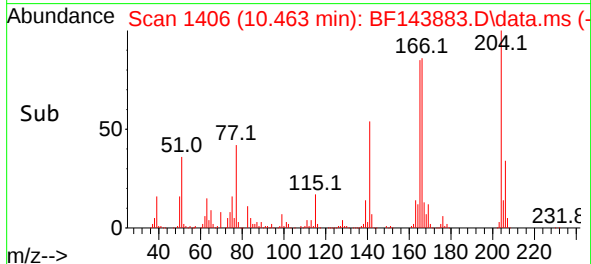
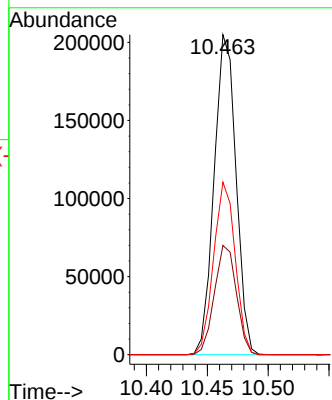
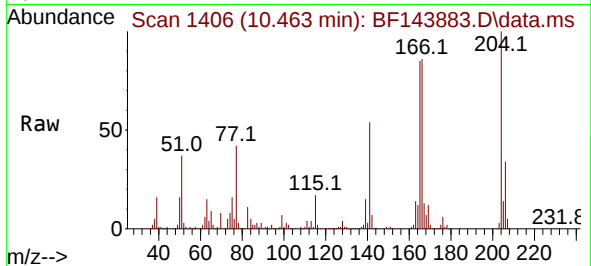




#61
4-Chlorophenyl-phenylether
Concen: 36.113 ng
RT: 10.463 min Scan# 1406
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

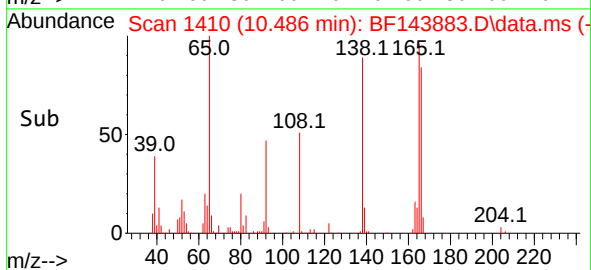
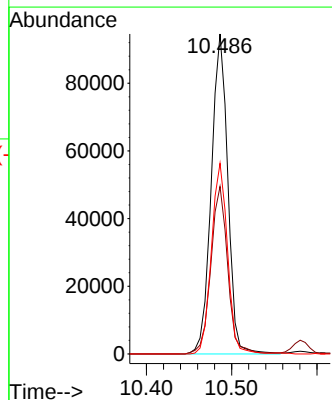
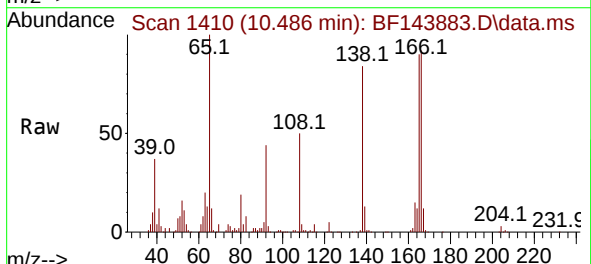
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

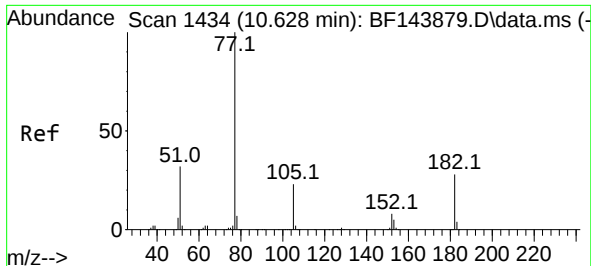
Tgt Ion:204 Resp: 256247
Ion Ratio Lower Upper
204 100
206 34.1 26.6 40.0
141 53.9 40.4 60.6



#62
4-Nitroaniline
Concen: 37.074 ng
RT: 10.486 min Scan# 1410
Delta R.T. -0.023 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:138 Resp: 127369
Ion Ratio Lower Upper
138 100
92 52.4 33.9 73.9
108 59.6 40.2 80.2

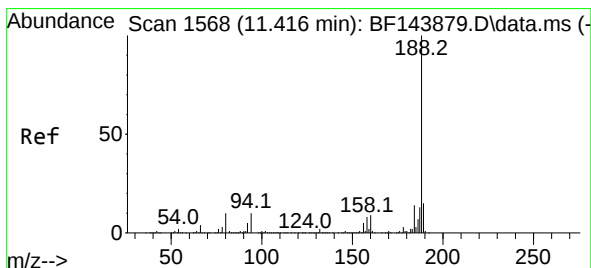
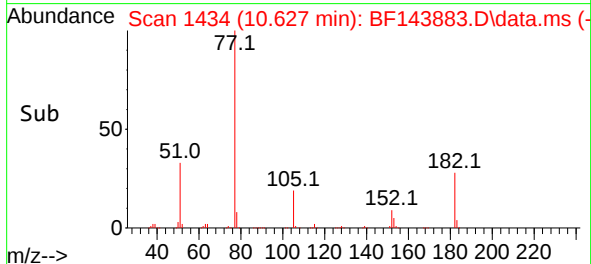
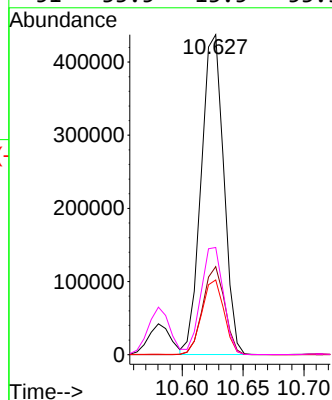
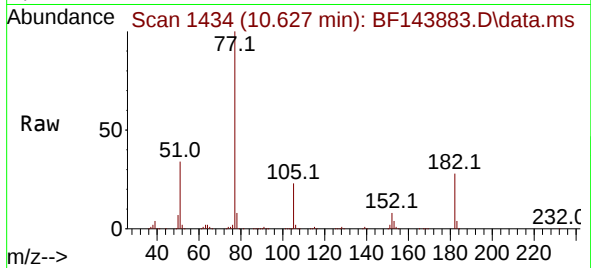




#63
Azobenzene
Concen: 36.837 ng
RT: 10.627 min Scan# 1434
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

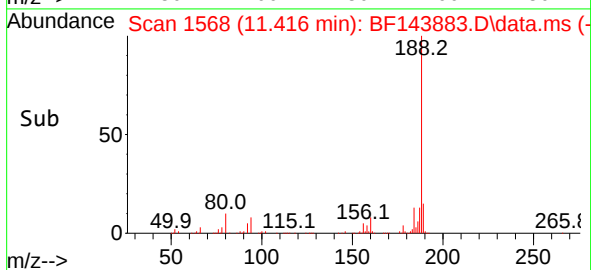
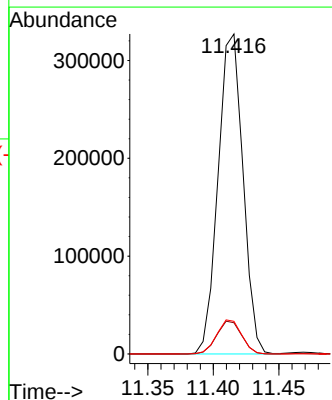
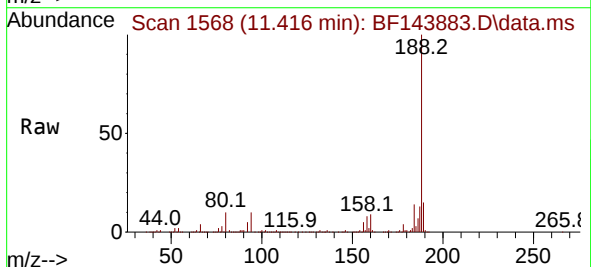
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

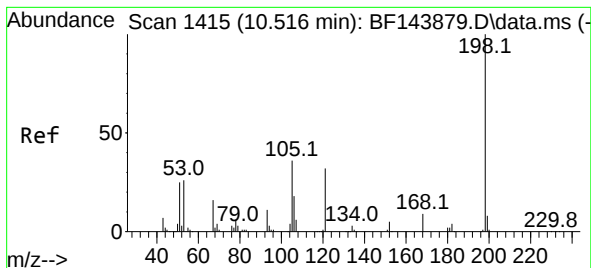
Tgt Ion: 77	Resp: 562787
Ion Ratio	Lower Upper
77 100	
182 27.5	7.3 47.3
105 23.3	3.0 43.0
51 33.5	13.5 53.5



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.416 min Scan# 1568
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:188	Resp: 431562
Ion Ratio	Lower Upper
188 100	
94 9.8	7.8 11.6
80 10.2	7.9 11.9

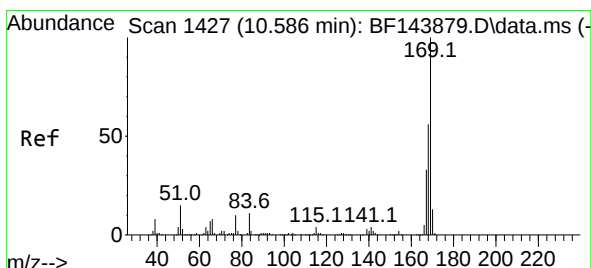
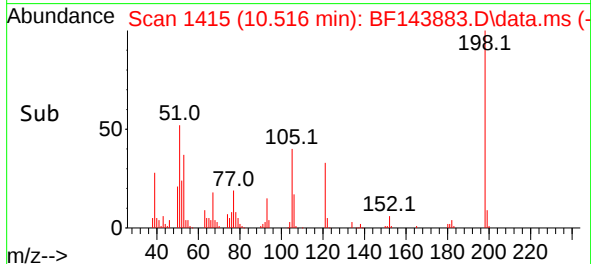
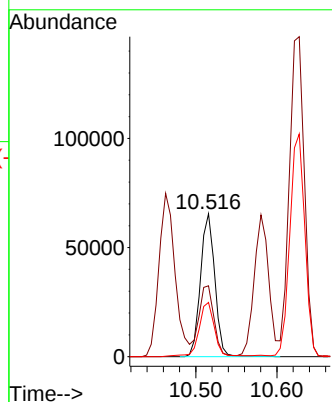
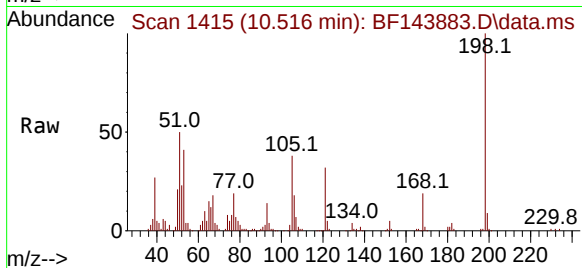




#65
4,6-Dinitro-2-methylphenol
Concen: 37.083 ng
RT: 10.516 min Scan# 1415
Delta R.T. -0.018 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

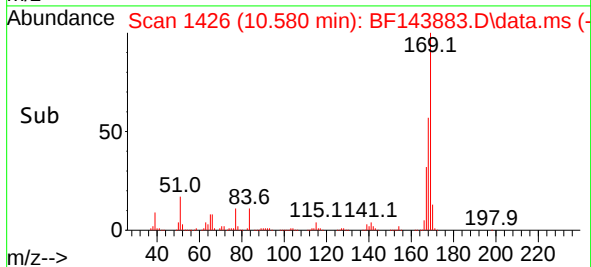
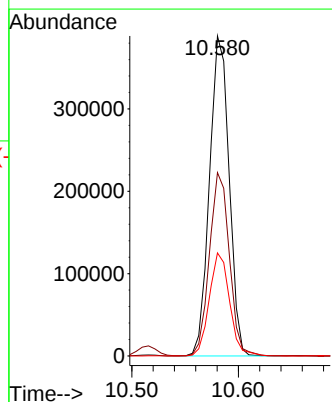
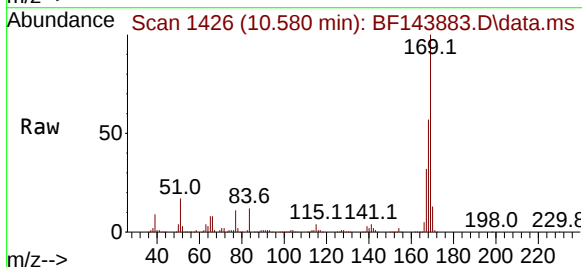
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

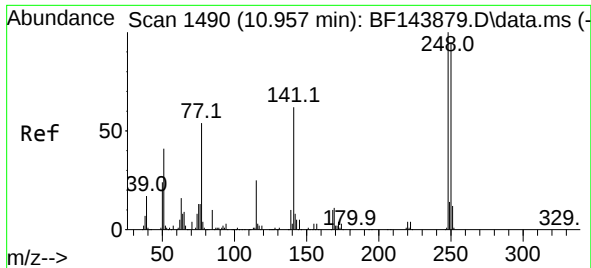
Tgt Ion:198 Resp: 80422
Ion Ratio Lower Upper
198 100
51 49.7 33.8 73.8
105 37.9 17.0 57.0



#66
n-Nitrosodiphenylamine
Concen: 36.649 ng
RT: 10.580 min Scan# 1426
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:169 Resp: 496618
Ion Ratio Lower Upper
169 100
168 57.3 44.9 67.3
167 32.2 26.3 39.5

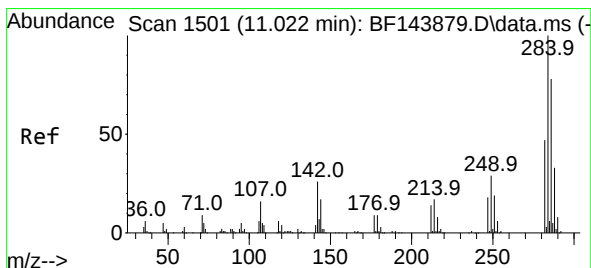
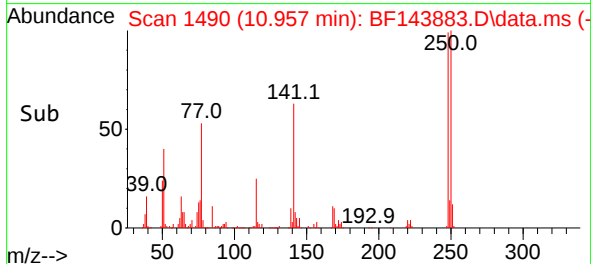
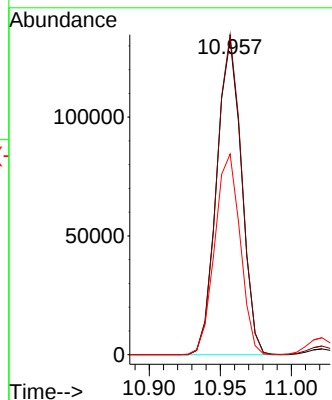
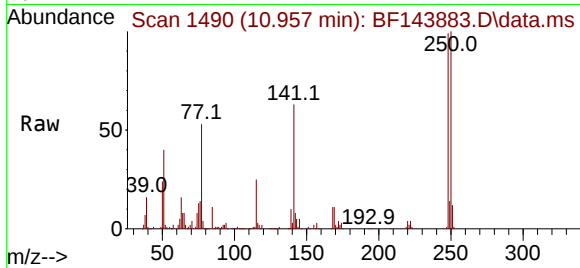




#67
4-Bromophenyl-phenylether
Concen: 33.973 ng
RT: 10.957 min Scan# 1490
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

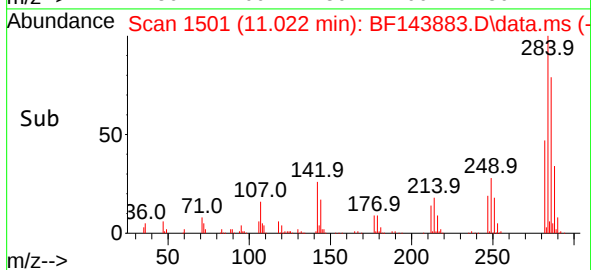
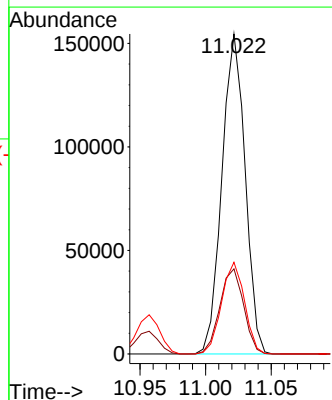
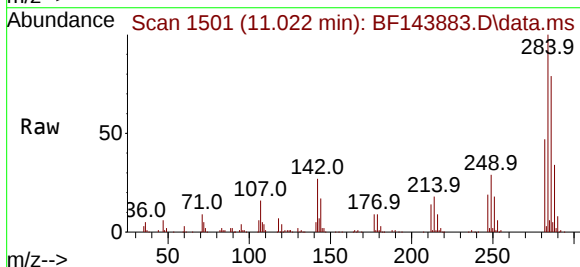
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

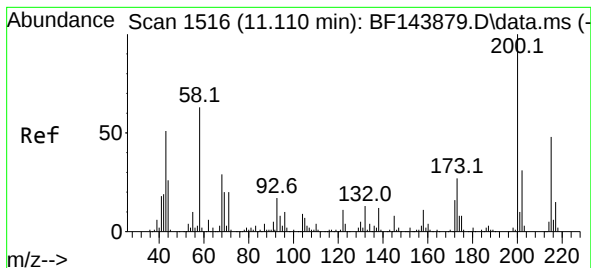
Tgt Ion:248 Resp: 162033
Ion Ratio Lower Upper
248 100
250 101.4 76.3 114.5
141 63.6 49.7 74.5



#68
Hexachlorobenzene
Concen: 34.415 ng
RT: 11.022 min Scan# 1501
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:284 Resp: 190028
Ion Ratio Lower Upper
284 100
142 26.6 20.6 30.8
249 28.7 23.2 34.8





#69

Atrazine

Concen: 39.016 ng

RT: 11.110 min Scan# 1516

Delta R.T. -0.012 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

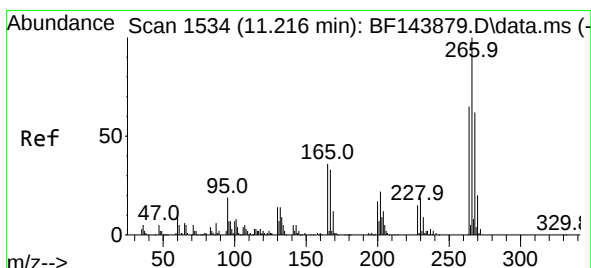
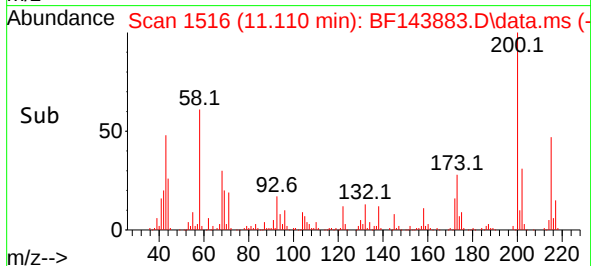
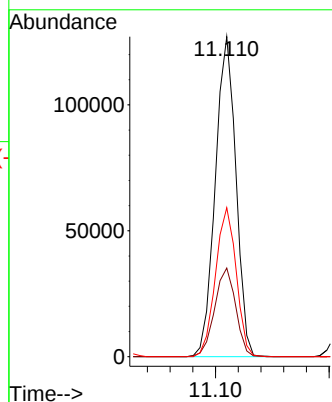
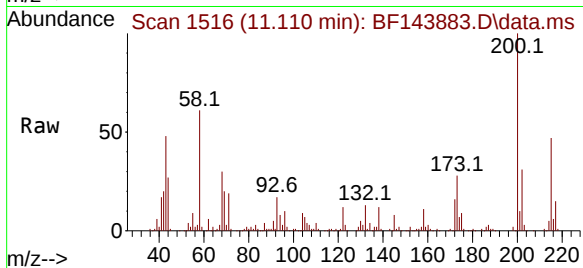
Tgt Ion:200 Resp: 160244

Ion Ratio Lower Upper

200 100

173 27.7 7.0 47.0

215 46.6 27.8 67.8



#70

Pentachlorophenol

Concen: 33.097 ng

RT: 11.216 min Scan# 1534

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

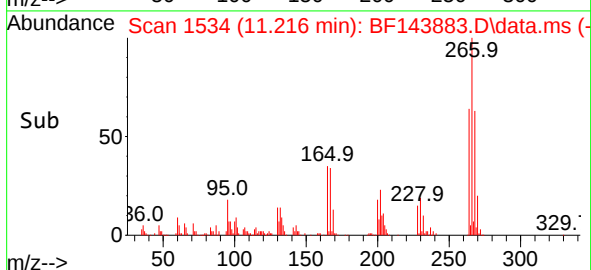
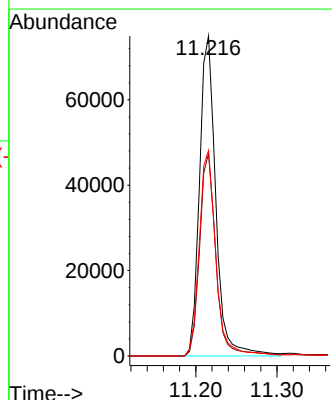
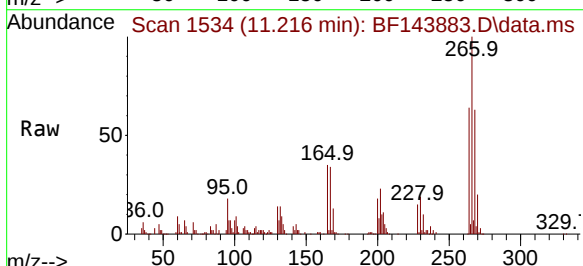
Tgt Ion:266 Resp: 104958

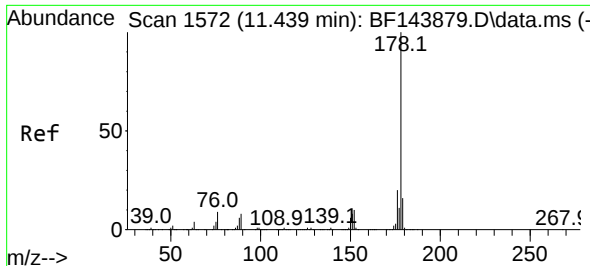
Ion Ratio Lower Upper

266 100

268 63.3 49.4 74.0

264 64.2 51.8 77.6

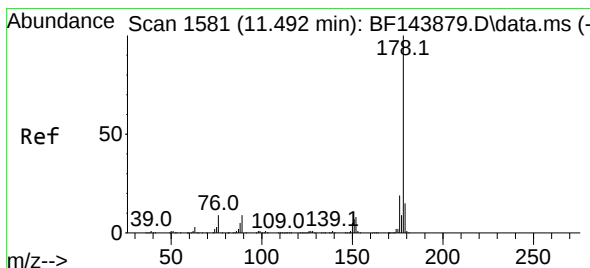
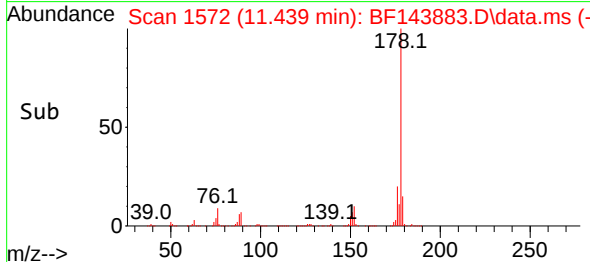
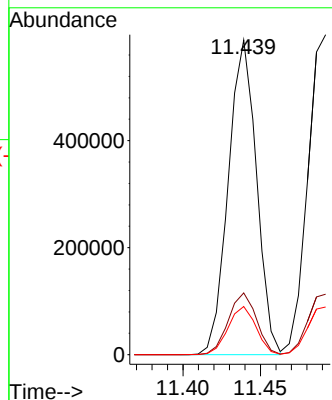
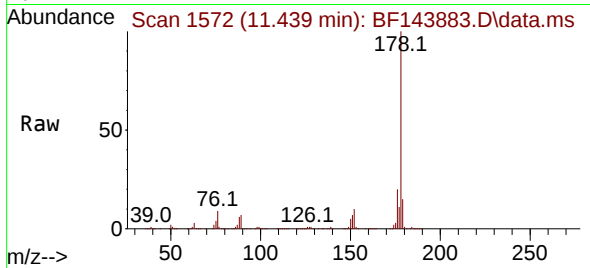




#71
Phenanthrene
Concen: 35.542 ng
RT: 11.439 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

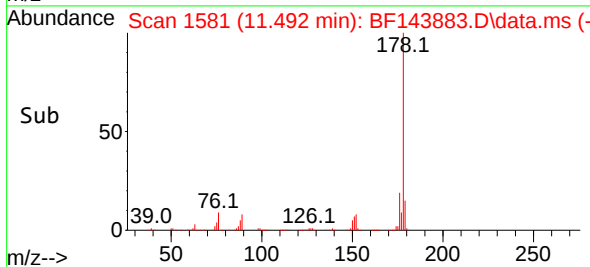
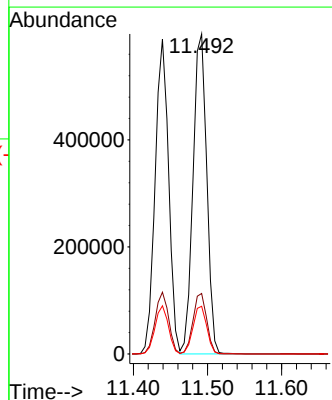
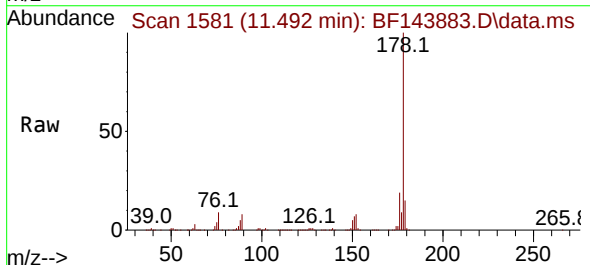
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

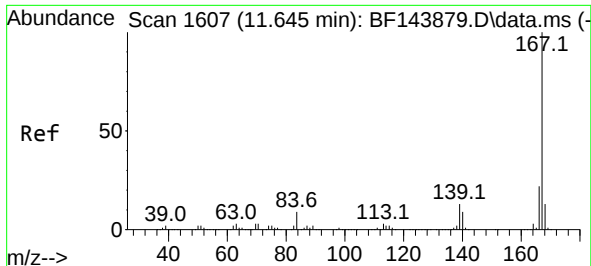
Tgt Ion:178 Resp: 743609
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.3 12.4 18.6



#72
Anthracene
Concen: 36.273 ng
RT: 11.492 min Scan# 1581
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:178 Resp: 766674
Ion Ratio Lower Upper
178 100
176 18.9 14.9 22.3
179 14.9 12.2 18.2

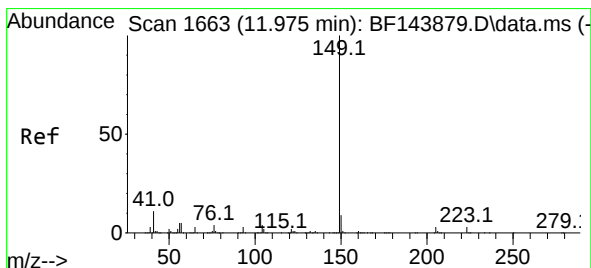
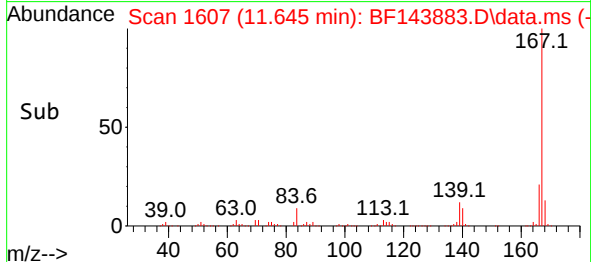
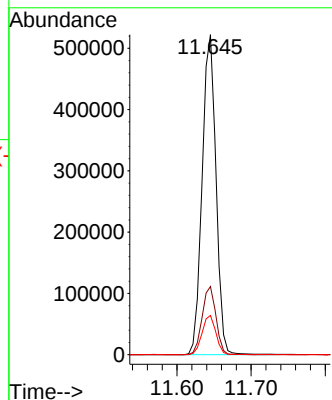
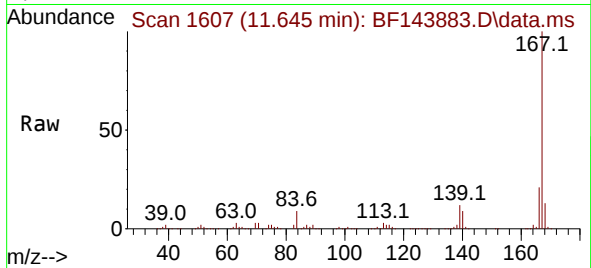




#73
 Carbazole
 Concen: 36.246 ng
 RT: 11.645 min Scan# 1607
 Delta R.T. -0.006 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

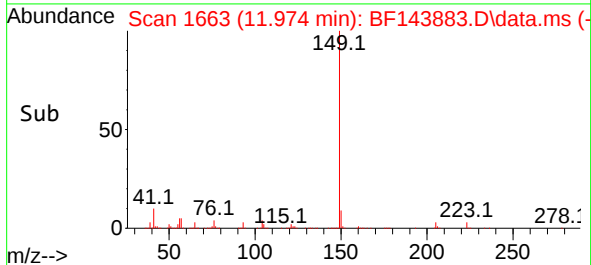
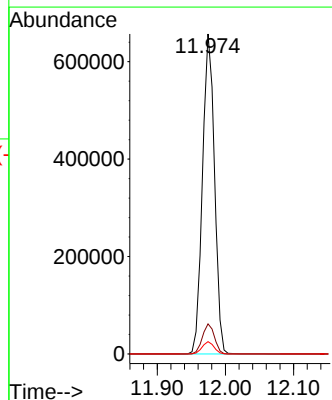
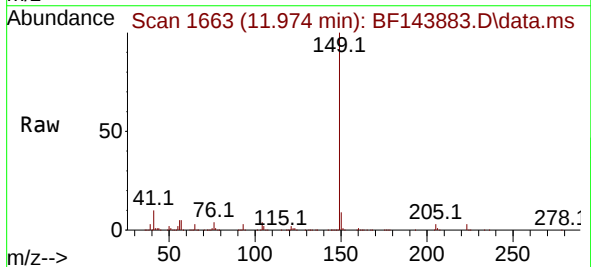
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

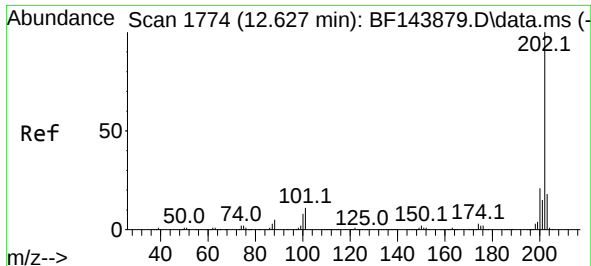
Tgt Ion:167 Resp: 678522
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.2 25.8
 139 12.3 10.1 15.1



#74
 Di-n-butylphthalate
 Concen: 37.171 ng
 RT: 11.974 min Scan# 1663
 Delta R.T. -0.006 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 806451
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.4 11.2
 104 3.9 3.4 5.2

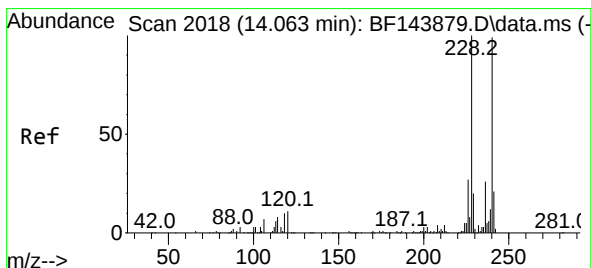
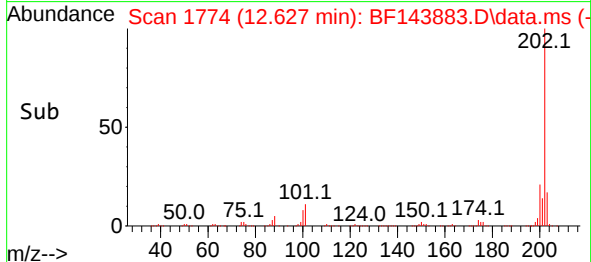
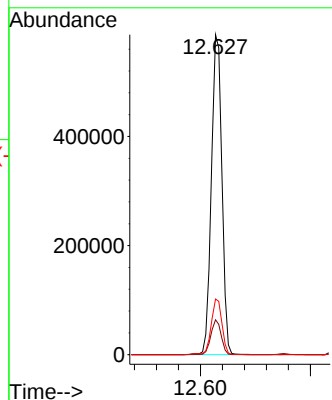
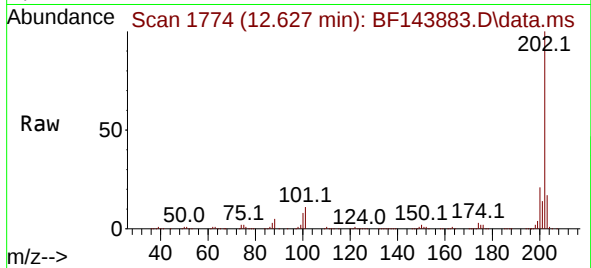




#75
Fluoranthene
Concen: 36.019 ng
RT: 12.627 min Scan# 1774
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

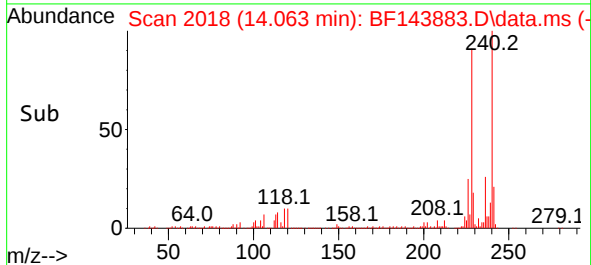
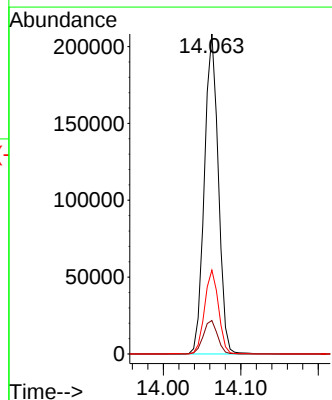
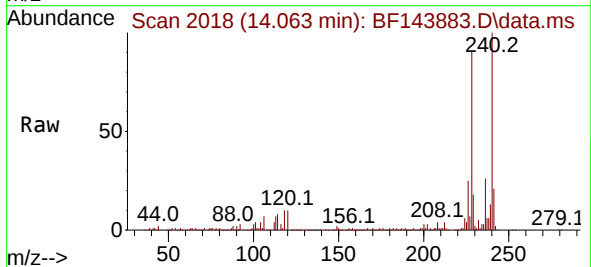
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

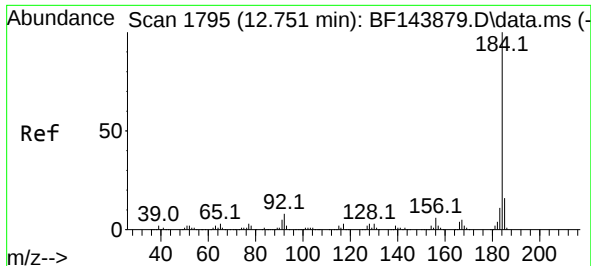
Tgt Ion:202 Resp: 778418
Ion Ratio Lower Upper
202 100
101 10.9 0.0 30.7
203 17.4 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.063 min Scan# 1818
Delta R.T. -0.005 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:240 Resp: 259802
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 26.2 21.1 31.7

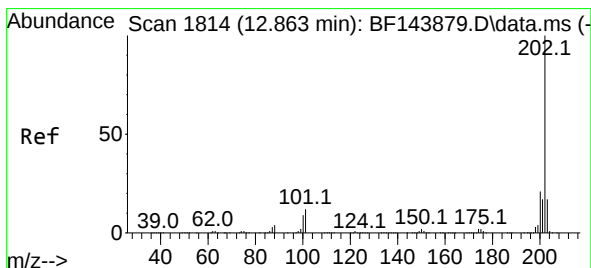
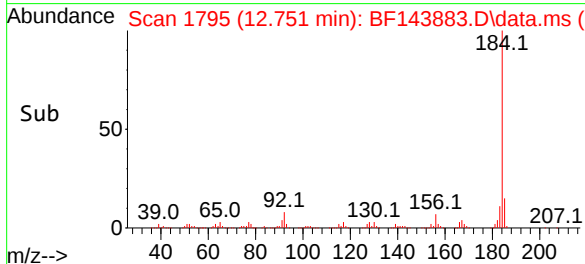
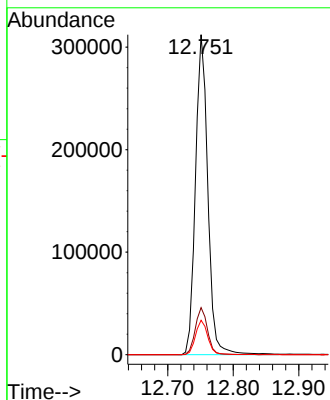
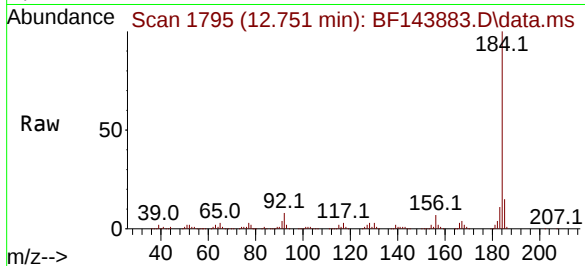




#77
Benzidine
Concen: 45.411 ng
RT: 12.751 min Scan# 1795
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

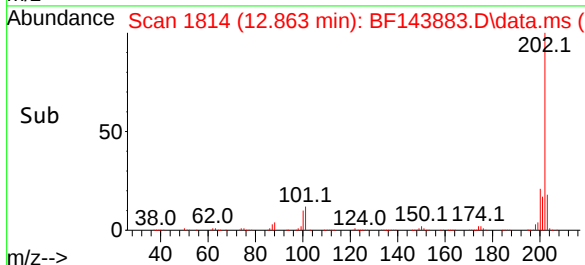
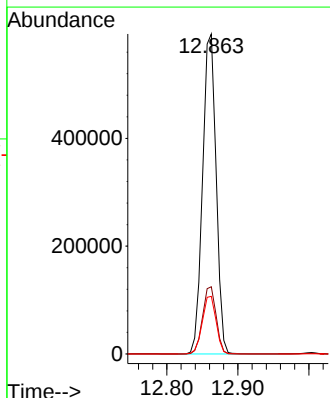
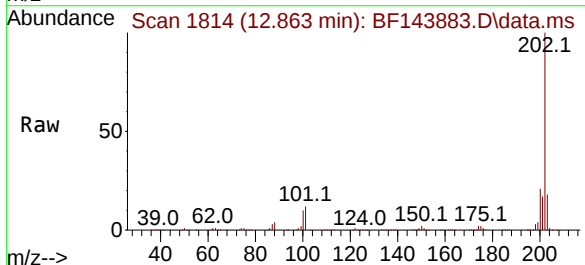
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

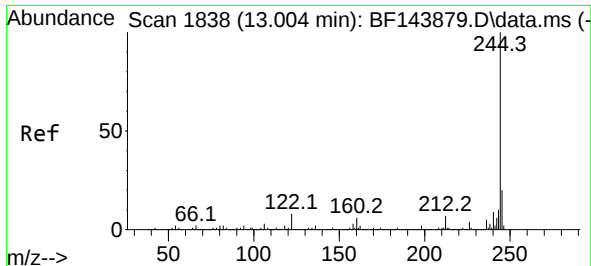
Tgt Ion:184 Resp: 409653
Ion Ratio Lower Upper
184 100
185 14.7 12.6 18.8
183 10.8 8.8 13.2



#78
Pyrene
Concen: 36.431 ng
RT: 12.863 min Scan# 1814
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:202 Resp: 789075
Ion Ratio Lower Upper
202 100
200 21.0 17.0 25.6
203 18.0 13.8 20.6

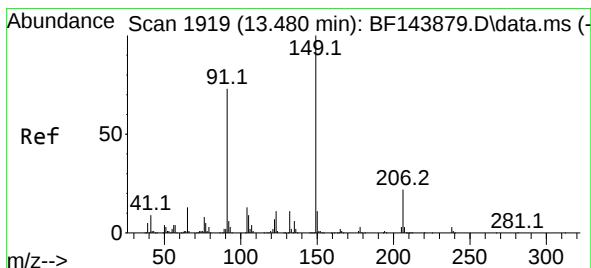
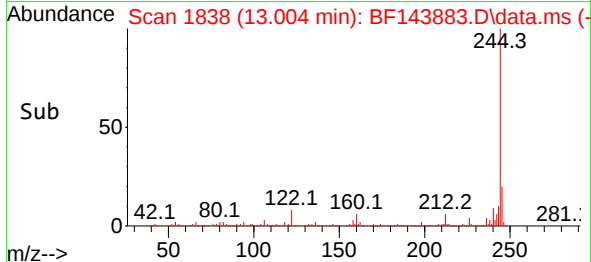
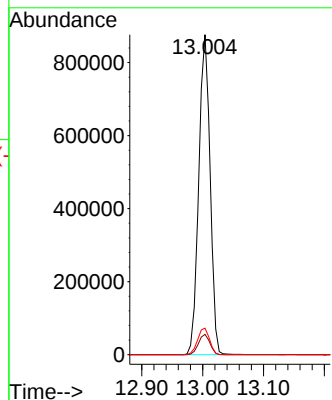
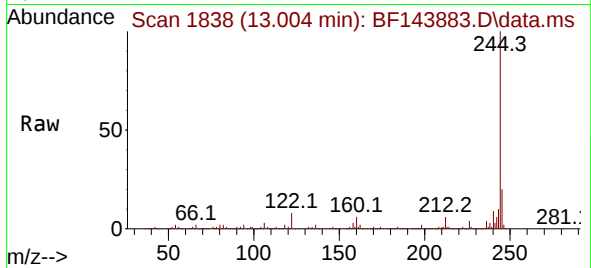




#79
 Terphenyl-d14
 Concen: 74.443 ng
 RT: 13.004 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

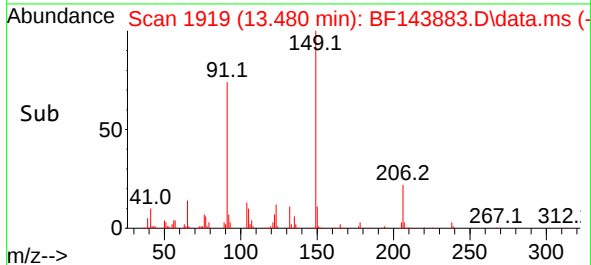
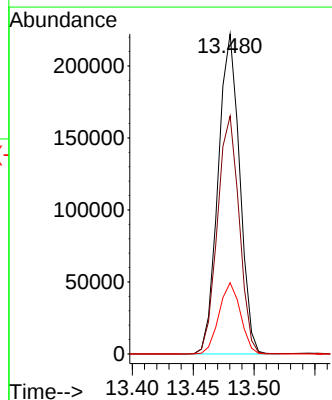
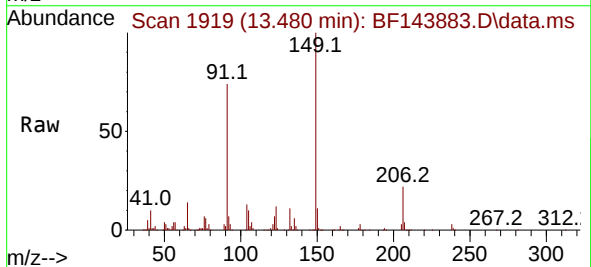
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

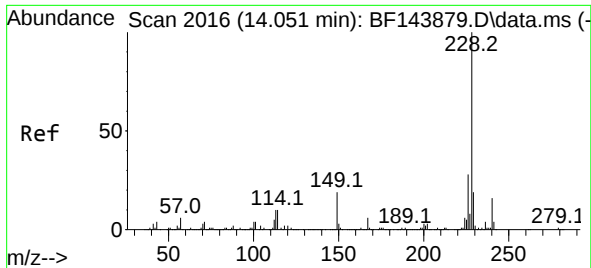
Tgt Ion:244 Resp: 1131636
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.4 8.0
 122 8.3 6.4 9.6



#80
 Butylbenzylphthalate
 Concen: 38.986 ng
 RT: 13.480 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

Tgt Ion:149 Resp: 274237
 Ion Ratio Lower Upper
 149 100
 91 74.4 58.2 87.2
 206 22.3 17.9 26.9

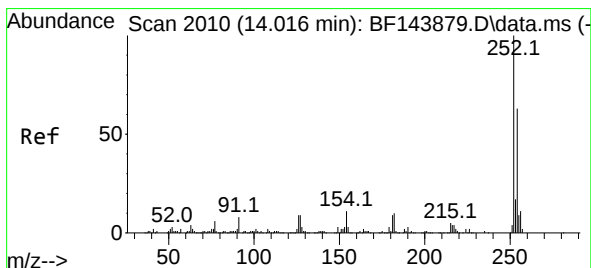
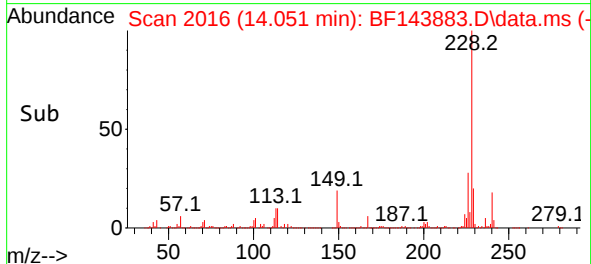
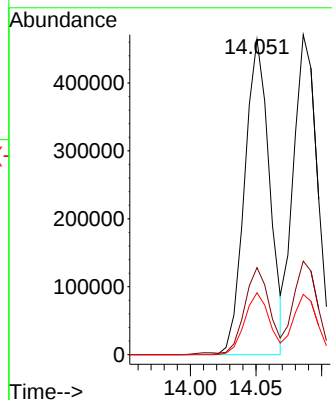
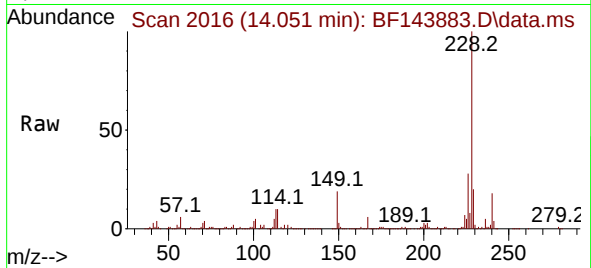




#81
Benzo(a)anthracene
Concen: 36.142 ng
RT: 14.051 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

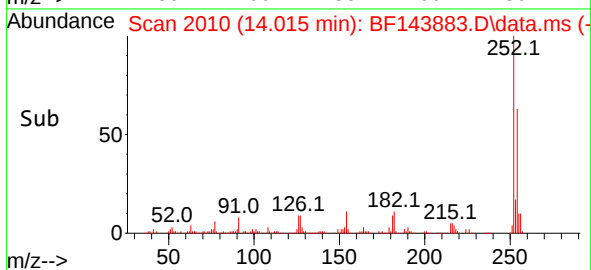
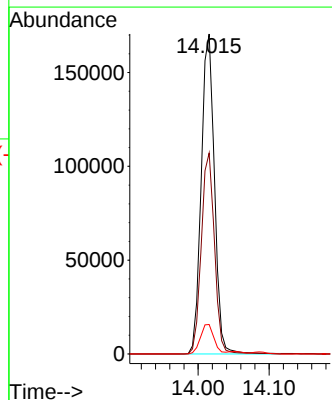
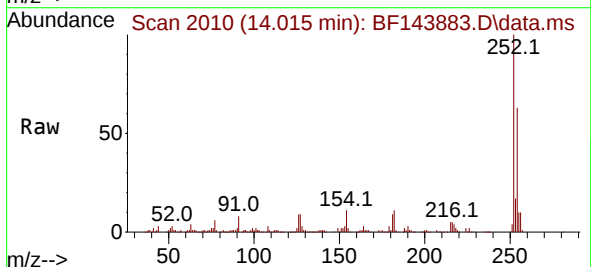
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

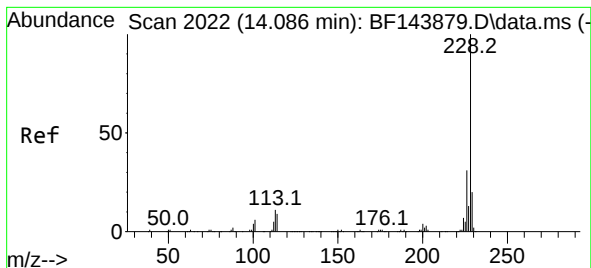
Tgt Ion:228 Resp: 614473
Ion Ratio Lower Upper
228 100
226 27.6 22.2 33.2
229 19.7 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 42.747 ng
RT: 14.015 min Scan# 2010
Delta R.T. 0.000 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 221480
Ion Ratio Lower Upper
252 100
254 62.8 50.6 76.0
126 9.2 7.0 10.6





#83

Chrysene

Concen: 37.792 ng

RT: 14.086 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

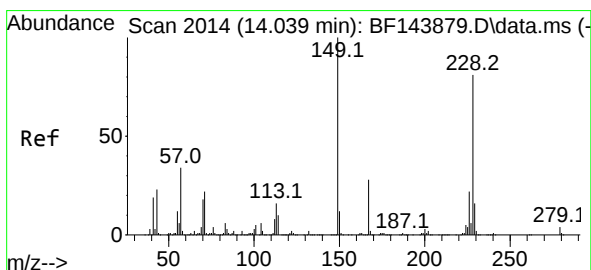
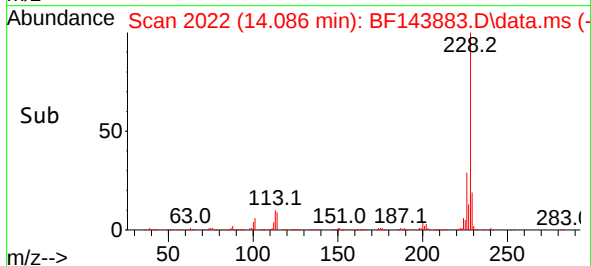
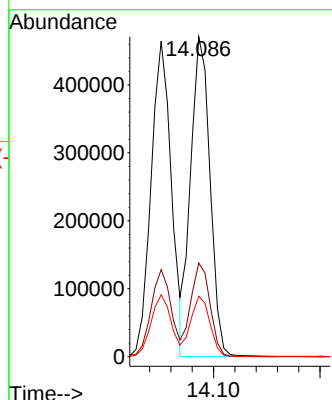
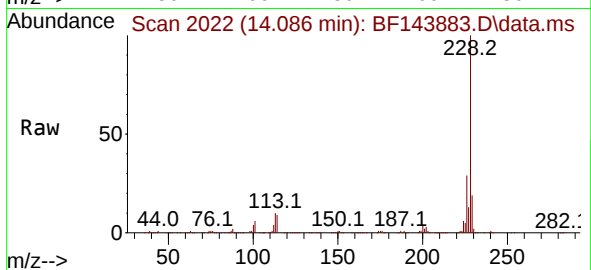
Tgt Ion:228 Resp: 594668

Ion Ratio Lower Upper

228 100

226 29.2 24.4 36.6

229 18.9 15.9 23.9



#84

Bis(2-ethylhexyl)phthalate

Concen: 38.560 ng

RT: 14.039 min Scan# 2014

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

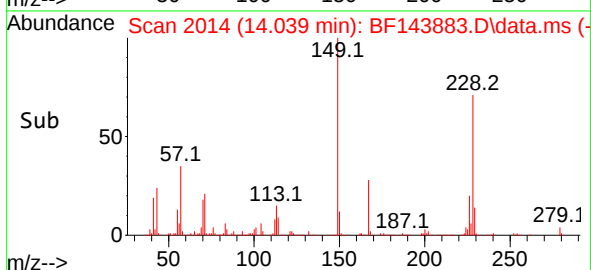
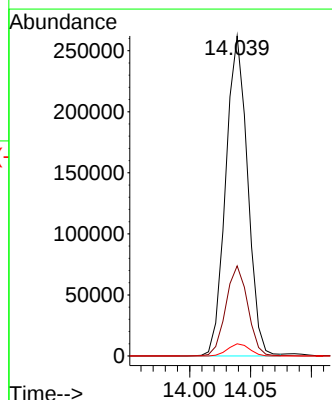
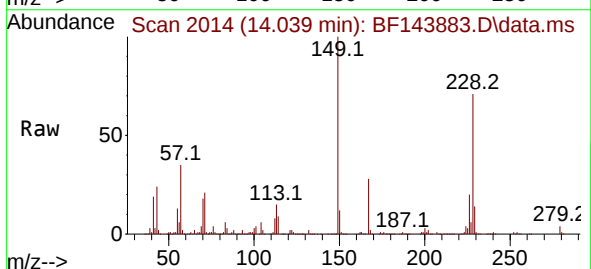
Tgt Ion:149 Resp: 326966

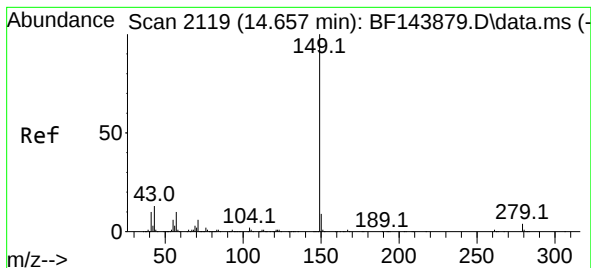
Ion Ratio Lower Upper

149 100

167 28.2 22.2 33.4

279 3.8 3.1 4.7





#85

Di-n-octyl phthalate

Concen: 36.116 ng

RT: 14.657 min Scan# 2119

Delta R.T. 0.000 min

Lab File: BF143883.D

Acq: 06 Oct 2025 16:08

Instrument :

BNA_F

ClientSampleId :

ICVBF100625

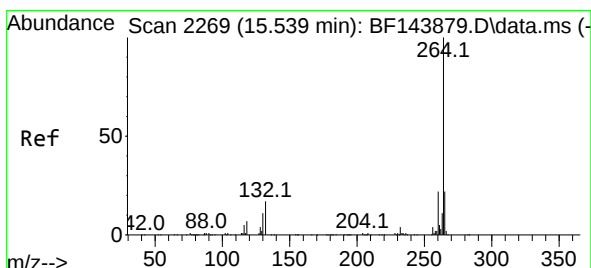
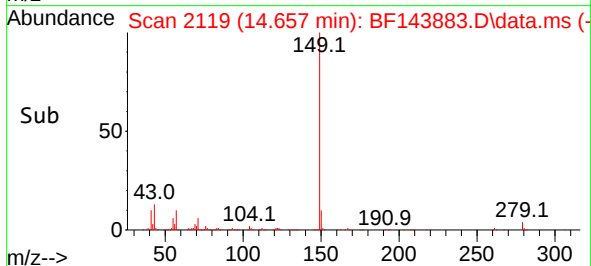
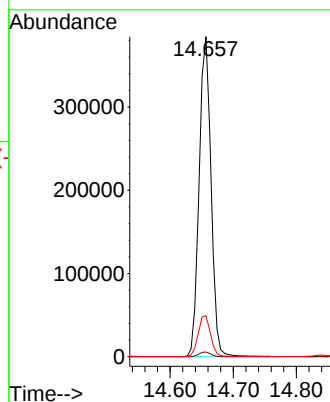
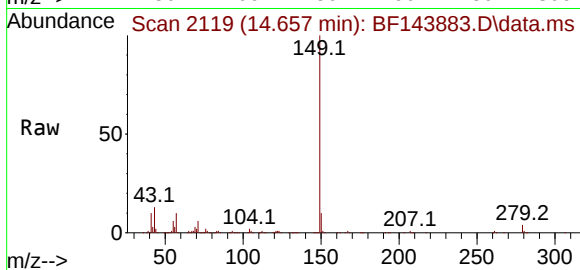
Tgt Ion:149 Resp: 502989

Ion Ratio Lower Upper

149 100

167 1.4 1.1 1.7

43 13.2 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: BF143883.D

Acq: 06 Oct 2025 16:08

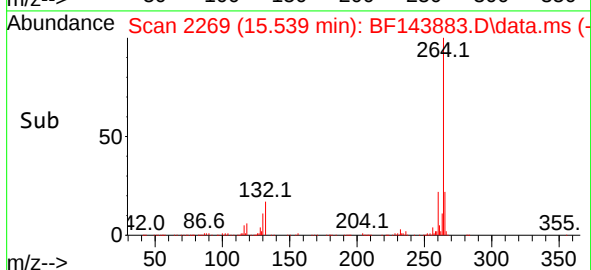
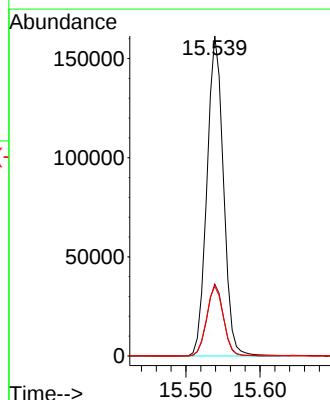
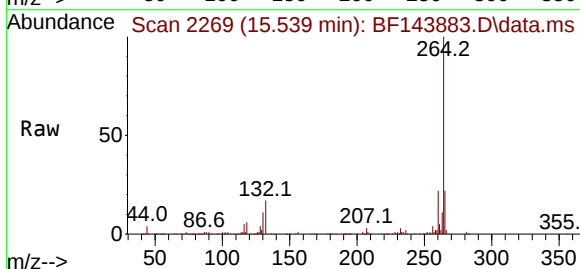
Tgt Ion:264 Resp: 249446

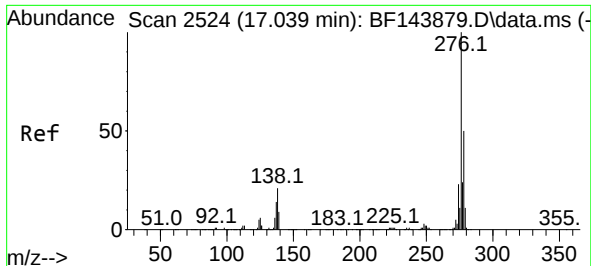
Ion Ratio Lower Upper

264 100

260 22.4 17.8 26.8

265 21.8 17.5 26.3

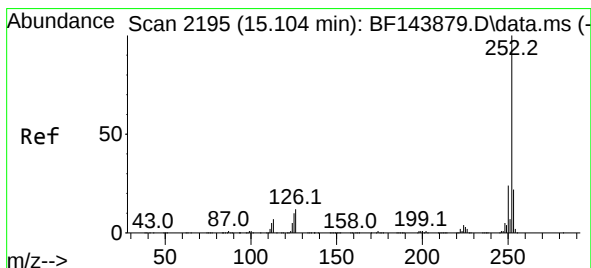
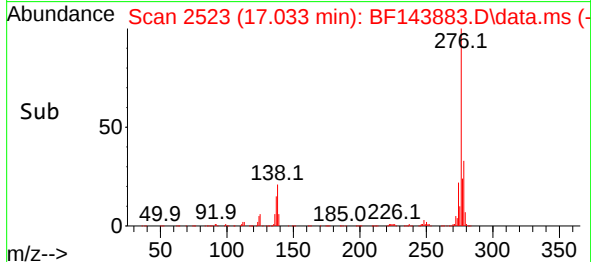
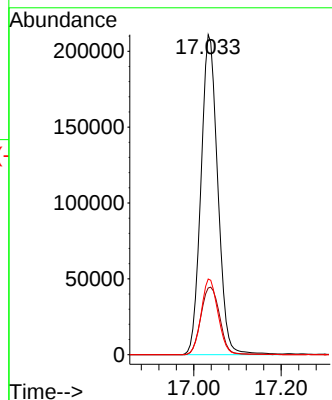
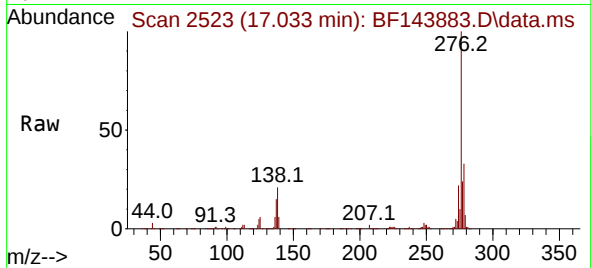




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 36.867 ng
 RT: 17.033 min Scan# 2195
 Delta R.T. -0.023 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

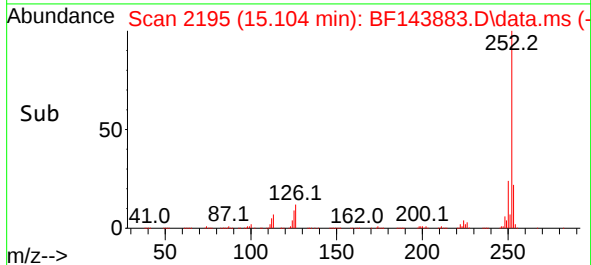
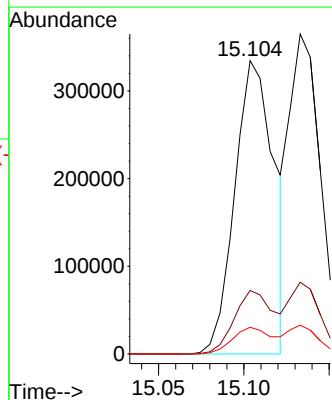
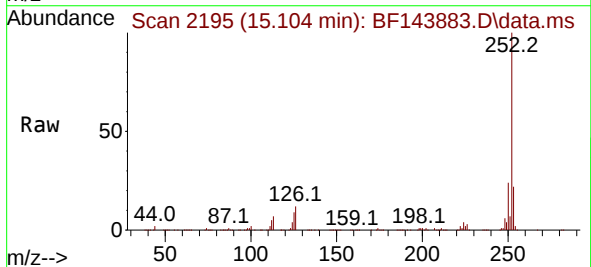
Instrument :
 BNA_F
 ClientSampleId :
 ICVBF100625

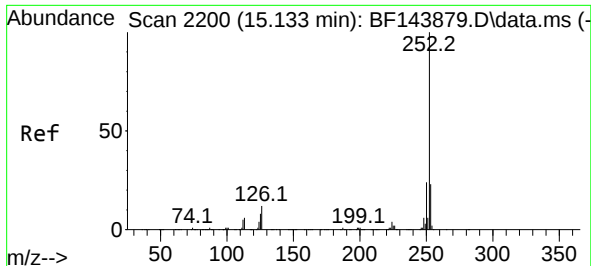
Tgt Ion:276 Resp: 563492
 Ion Ratio Lower Upper
 276 100
 138 23.7 18.2 27.2
 277 23.8 19.8 29.6



#88
 Benzo(b)fluoranthene
 Concen: 37.533 ng
 RT: 15.104 min Scan# 2195
 Delta R.T. -0.012 min
 Lab File: BF143883.D
 Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 537814
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.4 26.2
 125 9.1 7.8 11.6

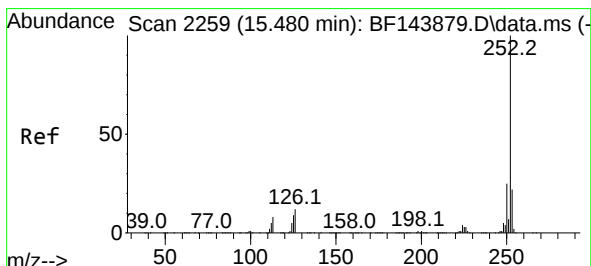
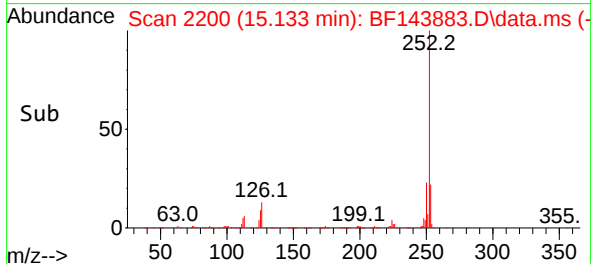
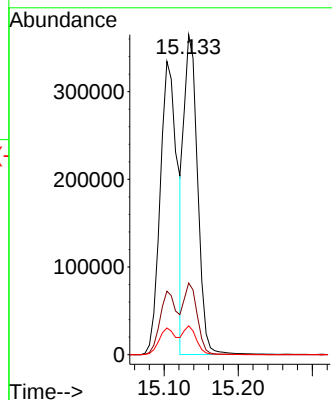
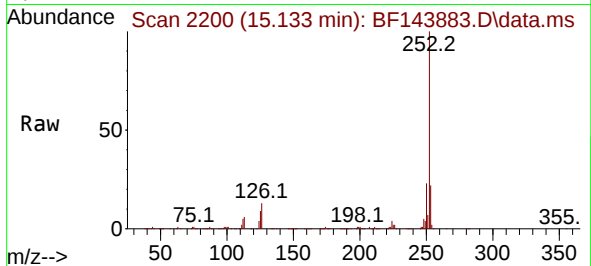




#89
Benzo(k)fluoranthene
Concen: 35.252 ng
RT: 15.133 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

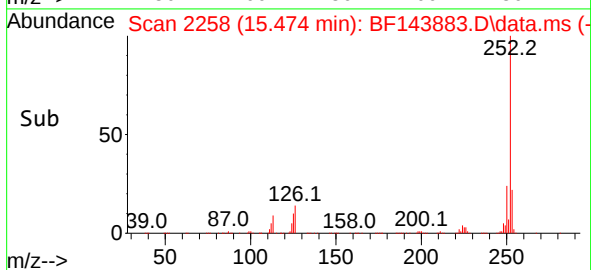
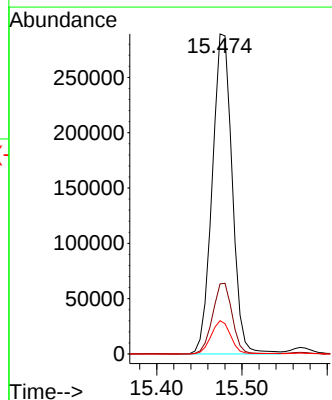
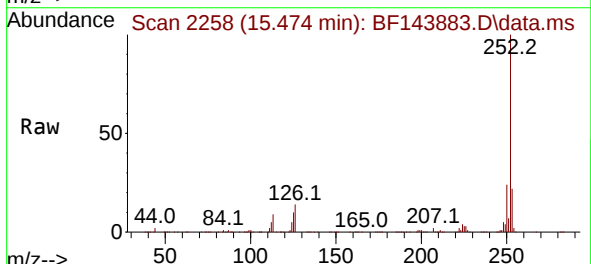
Instrument :
BNA_F
ClientSampleId :
ICVBF100625

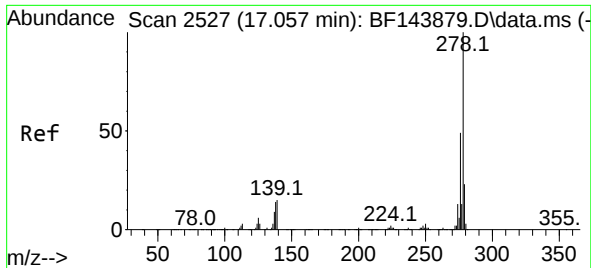
Tgt Ion:252 Resp: 467396
Ion Ratio Lower Upper
252 100
253 22.4 17.8 26.8
125 9.0 7.4 11.2



#90
Benzo(a)pyrene
Concen: 37.900 ng
RT: 15.474 min Scan# 2258
Delta R.T. -0.012 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:252 Resp: 470896
Ion Ratio Lower Upper
252 100
253 21.9 17.3 25.9
125 10.4 7.0 10.4

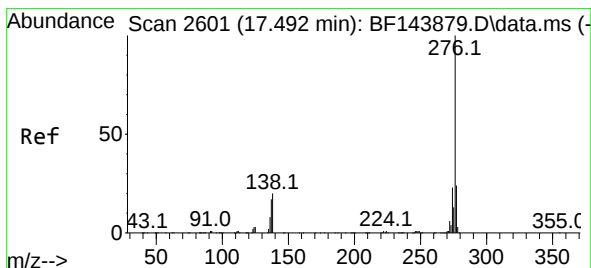
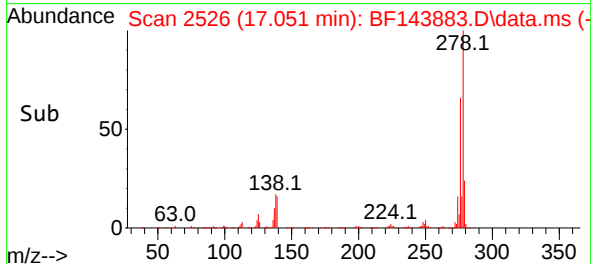
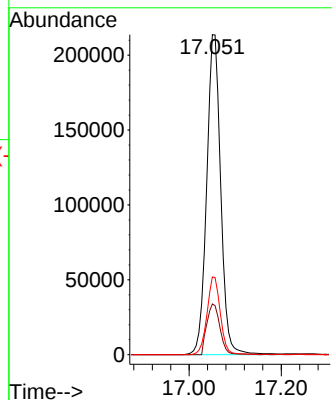
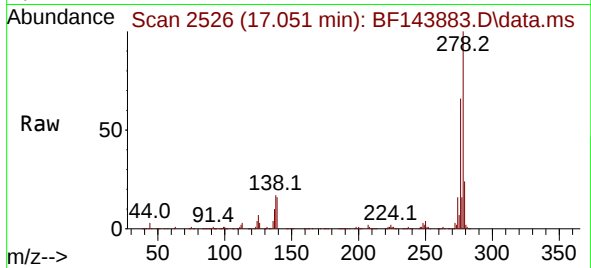




#91
Dibenzo(a,h)anthracene
Concen: 36.995 ng
RT: 17.051 min Scan# 21
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Instrument :
BNA_F
ClientSampleId :
ICVBF100625

Tgt Ion:278 Resp: 454776
Ion Ratio Lower Upper
278 100
139 15.9 11.7 17.5
279 24.3 18.4 27.6



#92
Benzo(g,h,i)perylene
Concen: 37.162 ng
RT: 17.486 min Scan# 2600
Delta R.T. -0.029 min
Lab File: BF143883.D
Acq: 06 Oct 2025 16:08

Tgt Ion:276 Resp: 456833
Ion Ratio Lower Upper
276 100
277 23.3 19.0 28.6
138 21.7 16.1 24.1

