

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031025\
 Data File : BF141906.D
 Acq On : 10 Mar 2025 15:53
 Operator : RC/JU
 Sample : SSTDICV040
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ICVBF031025

Quant Time: Mar 10 16:15:33 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	209747	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	840616	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	483165	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	813672	20.000	ng	0.00
76) Chrysene-d12	14.039	240	523890	20.000	ng	0.00
86) Perylene-d12	15.510	264	426422	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	965473	76.823	ng	0.00
7) Phenol-d6	6.504	99	1231487	76.962	ng	0.00
23) Nitrobenzene-d5	7.445	82	1179480	78.962	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	486334	79.342	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2399526	75.528	ng	0.00
79) Terphenyl-d14	12.986	244	2825870	79.748	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	203628	38.670	ng	99
3) Pyridine	3.428	79	504398	39.050	ng	99
4) n-Nitrosodimethylamine	3.387	42	239879	38.959	ng	97
6) Aniline	6.545	93	614962	38.958	ng	98
8) 2-Chlorophenol	6.669	128	539701	38.721	ng	99
9) Benzaldehyde	6.434	77	339615	37.950	ng	99
10) Phenol	6.516	94	658449	39.115	ng	97
11) bis(2-Chloroethyl)ether	6.616	93	483438	38.246	ng	99
12) 1,3-Dichlorobenzene	6.822	146	577700	38.391	ng	100
13) 1,4-Dichlorobenzene	6.898	146	584132	38.366	ng	99
14) 1,2-Dichlorobenzene	7.051	146	555621	38.744	ng	100
15) Benzyl Alcohol	7.022	79	509792	39.408	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.157	45	569783	37.338	ng	100
17) 2-Methylphenol	7.128	107	429715	38.775	ng	99
18) Hexachloroethane	7.392	117	221507	38.797	ng	100
19) n-Nitroso-di-n-propyla...	7.298	70	391096	38.038	ng	100
20) 3+4-Methylphenols	7.281	107	548208	38.619	ng	99
22) Acetophenone	7.292	105	757917	37.650	ng	98
24) Nitrobenzene	7.463	77	578836	38.980	ng	99
25) Isophorone	7.704	82	1007659	38.163	ng	100
26) 2-Nitrophenol	7.775	139	294657	40.429	ng	96
27) 2,4-Dimethylphenol	7.810	122	385504	38.414	ng	99
28) bis(2-Chloroethoxy)met...	7.910	93	628379	37.943	ng	100
29) 2,4-Dichlorophenol	8.016	162	485205	38.952	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	526250	38.336	ng	100
31) Naphthalene	8.187	128	1633401	37.827	ng	100
32) Benzoic acid	7.928	122	373179	42.303	ng	99
33) 4-Chloroaniline	8.228	127	592172	38.847	ng	99
34) Hexachlorobutadiene	8.304	225	347789	38.849	ng	99
35) Caprolactam	8.604	113	141562	37.276	ng	98
36) 4-Chloro-3-methylphenol	8.704	107	535661	38.550	ng	99
37) 2-Methylnaphthalene	8.875	142	1094895	37.935	ng	100
38) 1-Methylnaphthalene	8.975	142	1071850	38.484	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	561804	38.191	ng	99
41) Hexachlorocyclopentadiene	9.028	237	220386	38.281	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	377743	39.292	ng	100

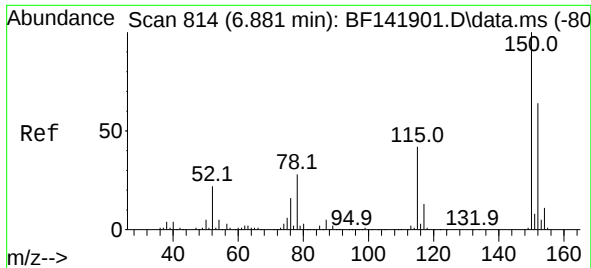
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	372564	38.263	ng	99
46) 1,1'-Biphenyl	9.339	154	1401736	38.182	ng	100
47) 2-Chloronaphthalene	9.363	162	1042241	38.090	ng	99
48) 2-Nitroaniline	9.457	65	308259	38.908	ng	99
49) Acenaphthylene	9.781	152	1531852	37.725	ng	100
50) Dimethylphthalate	9.639	163	1272572	37.611	ng	100
51) 2,6-Dinitrotoluene	9.698	165	274531	38.970	ng	99
52) Acenaphthene	9.951	154	1095922	38.405	ng	100
53) 3-Nitroaniline	9.869	138	275555	38.561	ng	99
54) 2,4-Dinitrophenol	9.969	184	142831	39.326	ng	95
55) Dibenzofuran	10.122	168	1540381	37.778	ng	100
56) 4-Nitrophenol	10.016	139	212462	39.425	ng	99
57) 2,4-Dinitrotoluene	10.104	165	361518	39.291	ng	99
58) Fluorene	10.469	166	1175392	37.381	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	346168	39.070	ng	99
60) Diethylphthalate	10.339	149	1293401	38.337	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	627404	38.272	ng	99
62) 4-Nitroaniline	10.480	138	270993	38.953	ng	99
63) Azobenzene	10.622	77	1189121	37.911	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	200888	41.415	ng	99
66) n-Nitrosodiphenylamine	10.575	169	1008029	38.283	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	398683	39.015	ng	98
68) Hexachlorobenzene	11.016	284	445938	39.789	ng	96
69) Atrazine	11.098	200	257856	31.945	ng	99
70) Pentachlorophenol	11.204	266	289713	41.955	ng	100
71) Phenanthrene	11.427	178	1685770	38.357	ng	100
72) Anthracene	11.480	178	1675103	37.991	ng	100
73) Carbazole	11.633	167	1451333	38.167	ng	99
74) Di-n-butylphthalate	11.963	149	1953516	38.717	ng	100
75) Fluoranthene	12.616	202	1750317	37.545	ng	100
77) Benzidine	12.733	184	420377	57.513	ng	100
78) Pyrene	12.845	202	1746456	38.539	ng	100
80) Butylbenzylphthalate	13.463	149	723288	40.778	ng	99
81) Benzo(a)anthracene	14.027	228	1347977	39.211	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	380866	38.337	ng	100
83) Chrysene	14.068	228	1159074	37.195	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1006170	41.142	ng	99
85) Di-n-octyl phthalate	14.633	149	1394136	40.971	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1061096	38.467	ng	99
88) Benzo(b)fluoranthene	15.080	252	1166263	39.906	ng	99
89) Benzo(k)fluoranthene	15.110	252	869471	34.765	ng	100
90) Benzo(a)pyrene	15.451	252	882967	38.612	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	886038	38.931	ng	99
92) Benzo(g,h,i)perylene	17.451	276	855812	38.051	ng	99

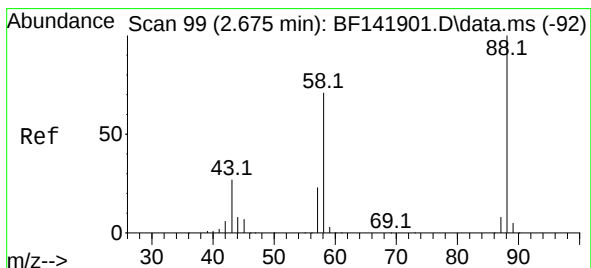
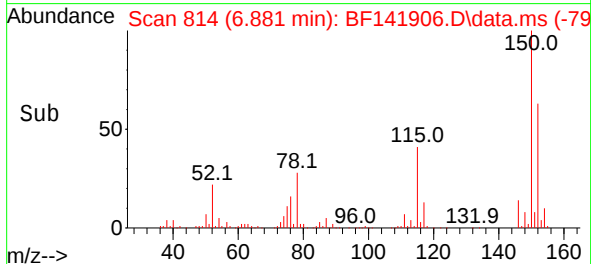
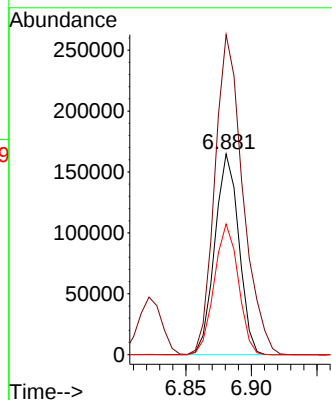
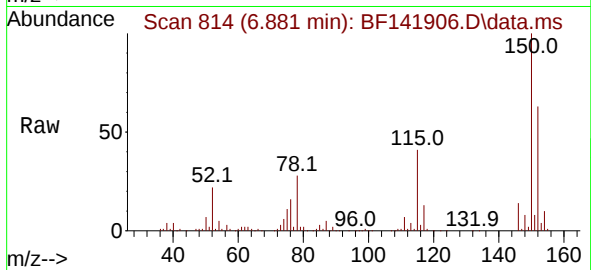
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141906.D
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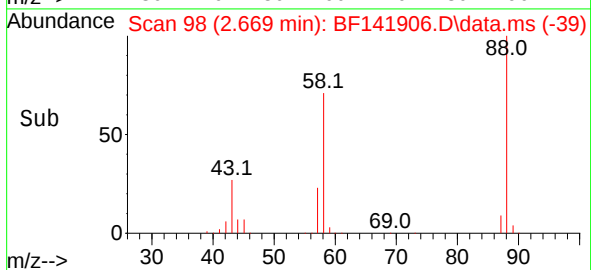
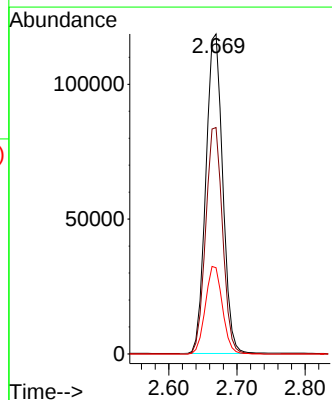
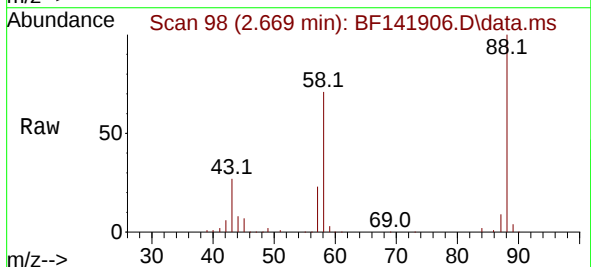
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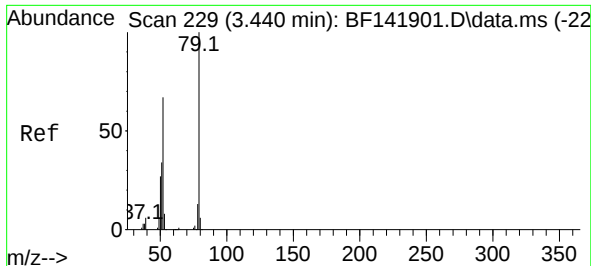
Tgt Ion:152 Resp: 209747
Ion Ratio Lower Upper
152 100
150 159.4 127.4 191.2
115 65.1 51.9 77.9



#2
1,4-Dioxane
Concen: 38.670 ng
RT: 2.669 min Scan# 98
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 88 Resp: 203628
Ion Ratio Lower Upper
88 100
58 71.2 57.4 86.2
43 27.6 21.5 32.3

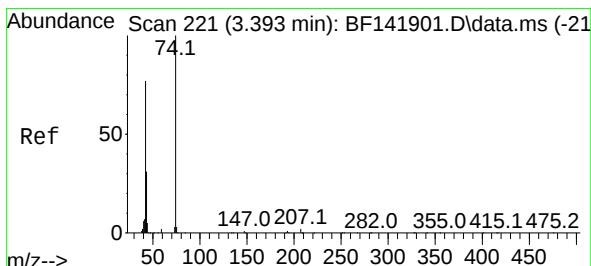
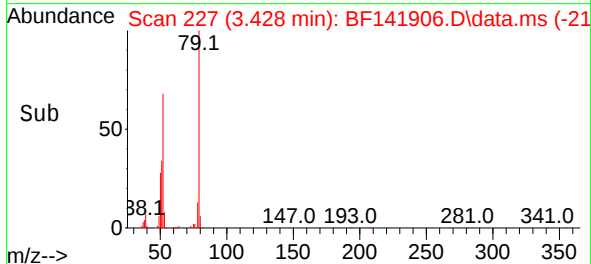
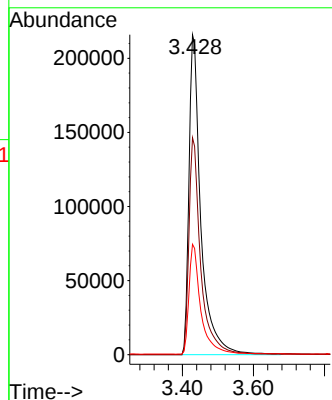
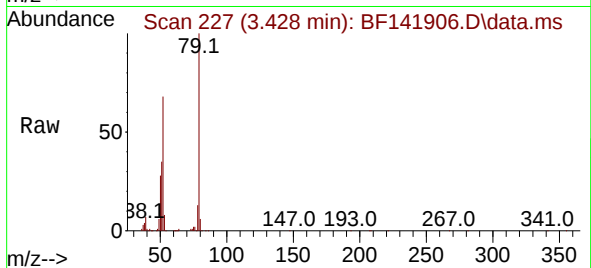




#3
 Pyridine
 Concen: 39.050 ng
 RT: 3.428 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BF141906.D
 Acq: 10 Mar 2025 15:53

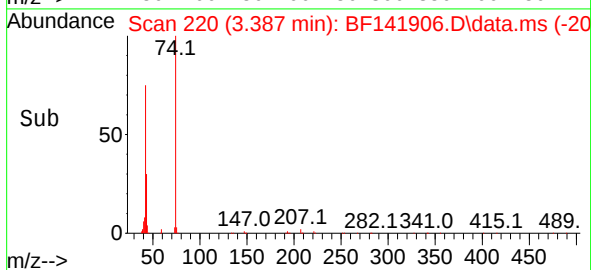
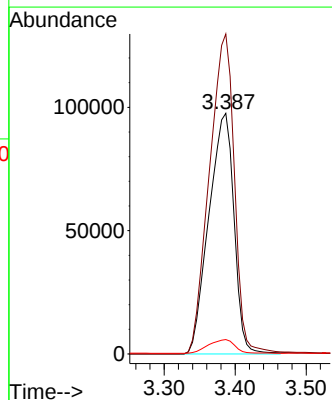
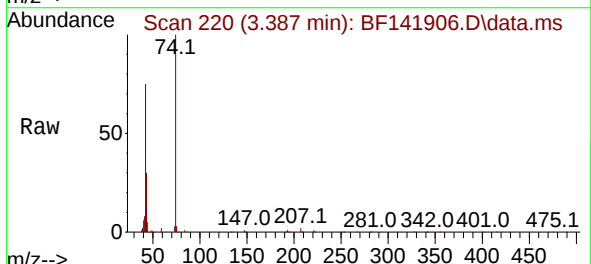
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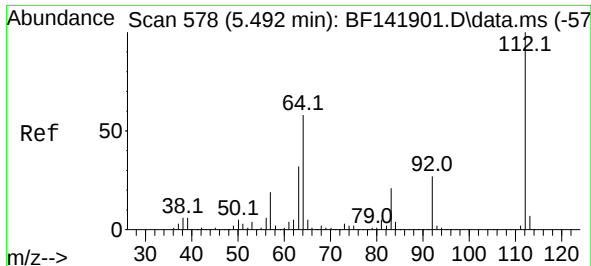
Tgt Ion: 79 Resp: 504398
 Ion Ratio Lower Upper
 79 100
 52 67.8 53.3 79.9
 51 34.5 27.6 41.4



#4
 n-Nitrosodimethylamine
 Concen: 38.959 ng
 RT: 3.387 min Scan# 220
 Delta R.T. -0.006 min
 Lab File: BF141906.D
 Acq: 10 Mar 2025 15:53

Tgt Ion: 42 Resp: 239879
 Ion Ratio Lower Upper
 42 100
 74 133.0 103.4 155.0
 44 6.0 5.0 7.4

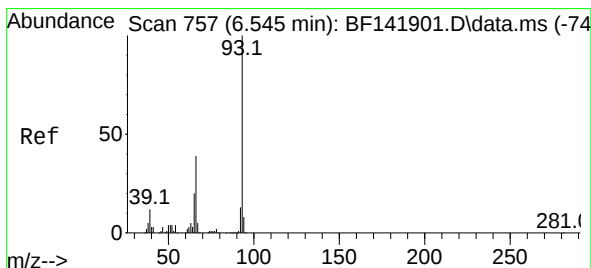
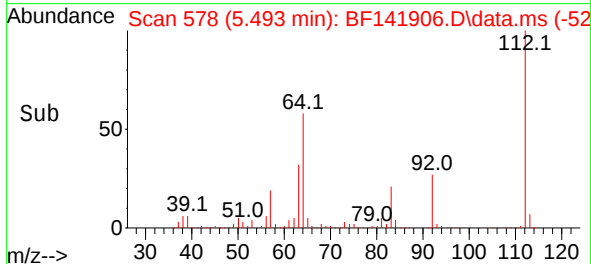
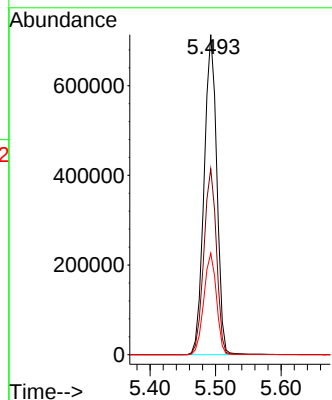
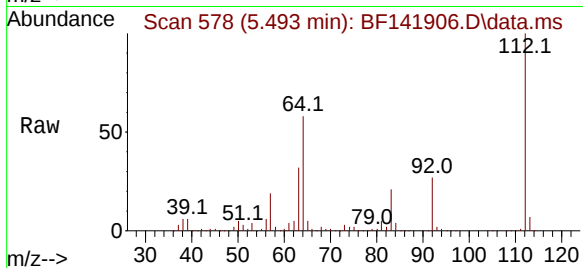




#5
2-Fluorophenol
Concen: 76.823 ng
RT: 5.493 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

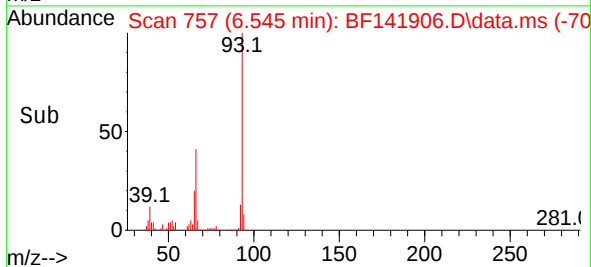
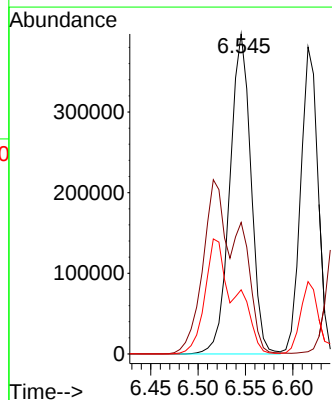
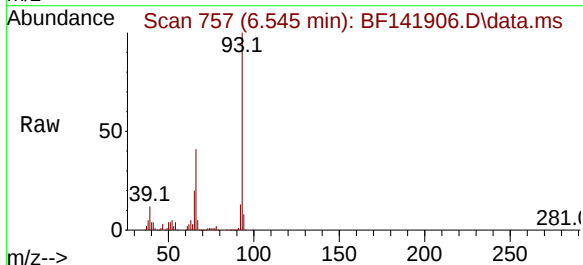
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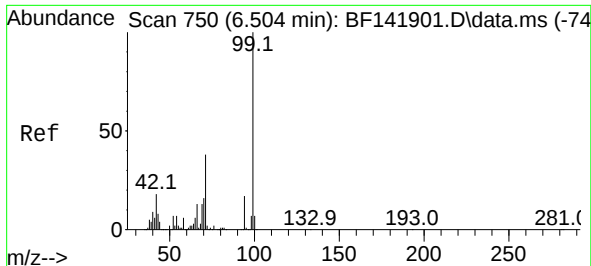
Tgt Ion:112 Resp: 965473
Ion Ratio Lower Upper
112 100
64 58.1 46.5 69.7
63 31.7 25.4 38.2



#6
Aniline
Concen: 38.958 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 93 Resp: 614962
Ion Ratio Lower Upper
93 100
66 41.1 31.9 47.9
65 20.0 15.8 23.6

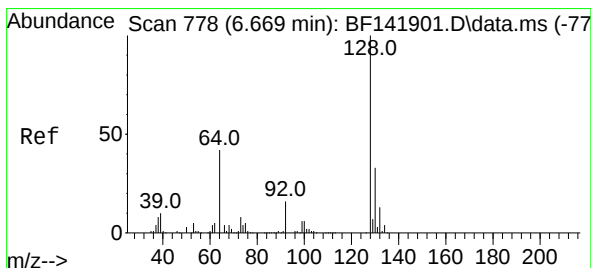
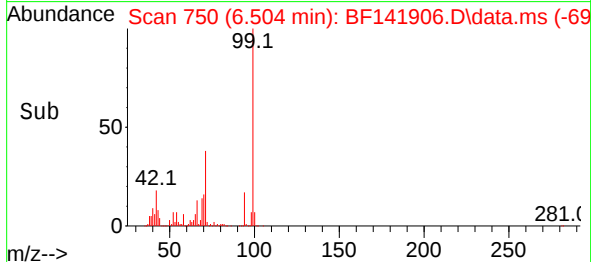
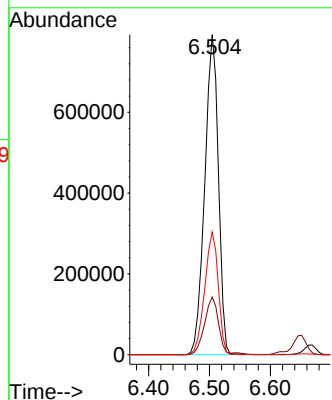
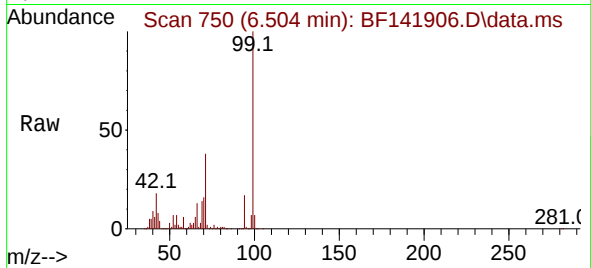




#7
Phenol-d6
Concen: 76.962 ng
RT: 6.504 min Scan# 750
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

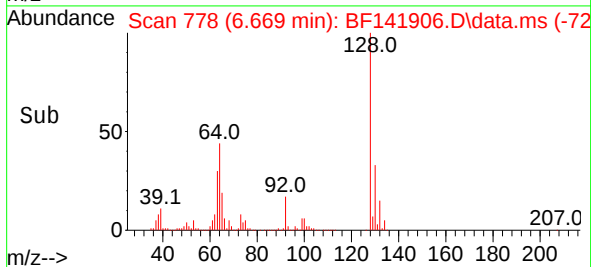
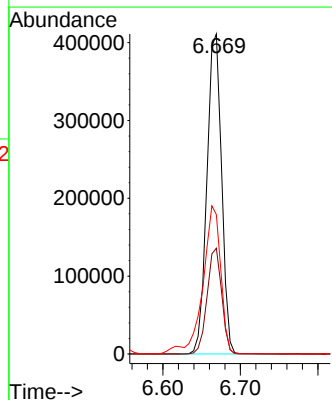
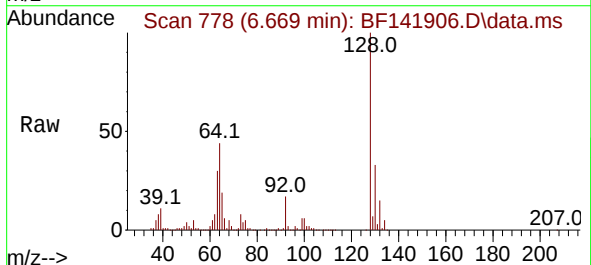
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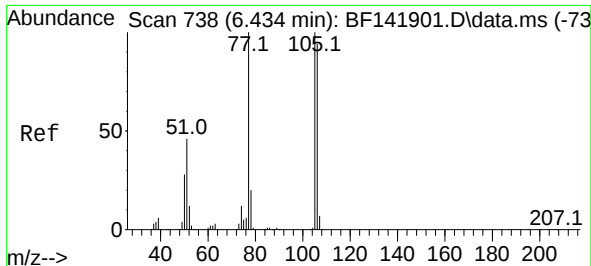
Tgt Ion: 99 Resp: 1231487
Ion Ratio Lower Upper
99 100
42 18.0 14.6 21.8
71 38.3 30.8 46.2



#8
2-Chlorophenol
Concen: 38.721 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 128 Resp: 539701
Ion Ratio Lower Upper
128 100
130 33.0 12.8 52.8
64 43.6 24.4 64.4

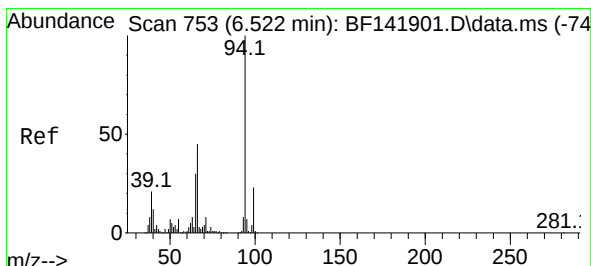
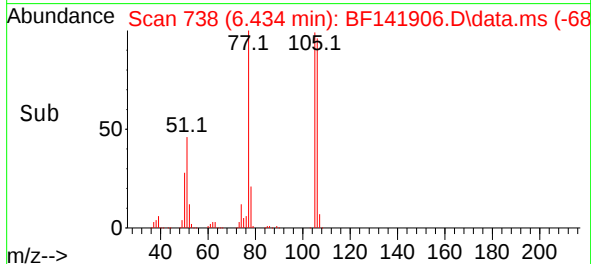
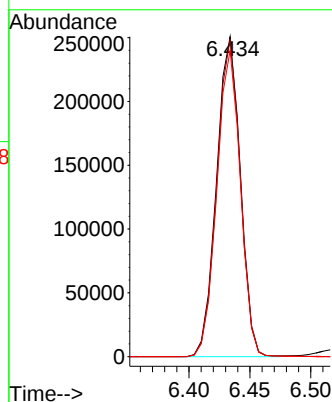
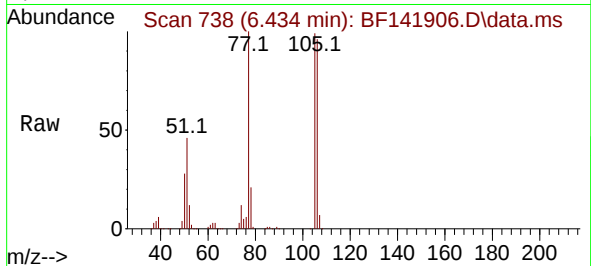




#9
Benzaldehyde
Concen: 37.950 ng
RT: 6.434 min Scan# 741
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

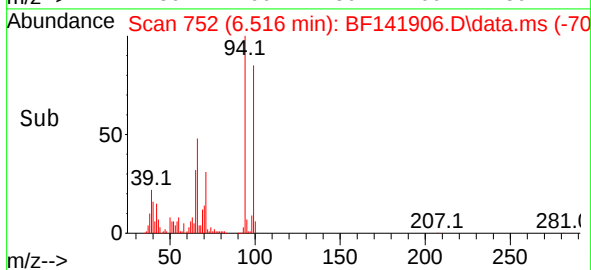
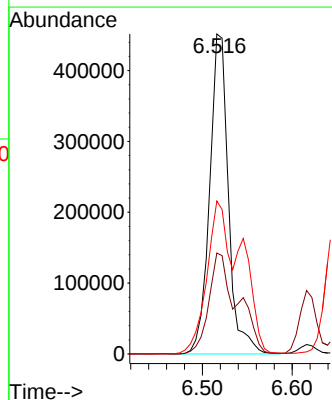
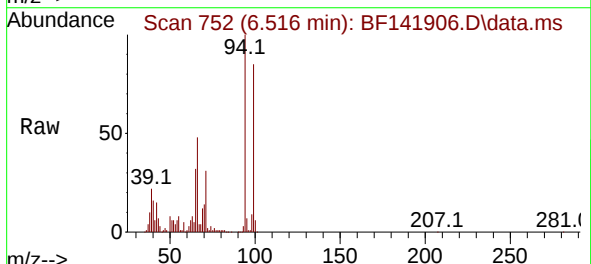
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BNA_F
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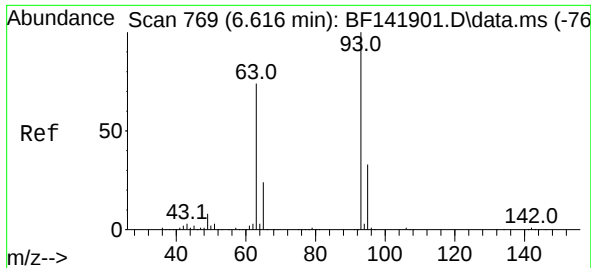
Tgt Ion: 77 Resp: 339615
Ion Ratio Lower Upper
77 100
105 99.2 80.0 120.0
106 95.7 74.5 114.5



#10
Phenol
Concen: 39.115 ng
RT: 6.516 min Scan# 752
Delta R.T. -0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 94 Resp: 658449
Ion Ratio Lower Upper
94 100
65 31.6 10.5 50.5
66 47.8 25.8 65.8

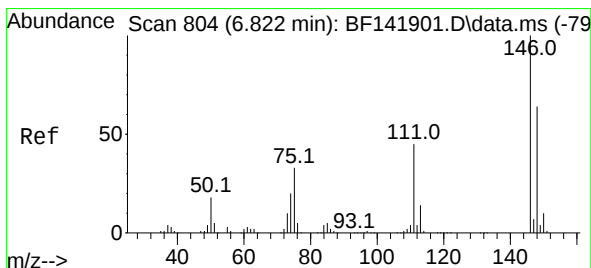
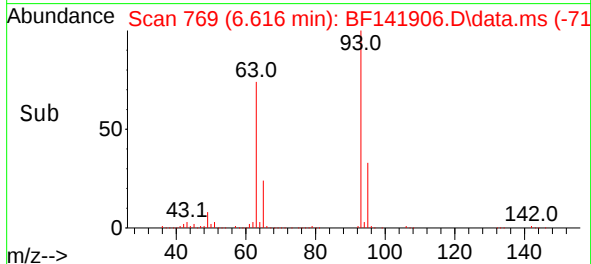
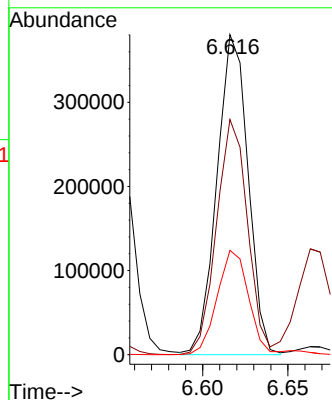
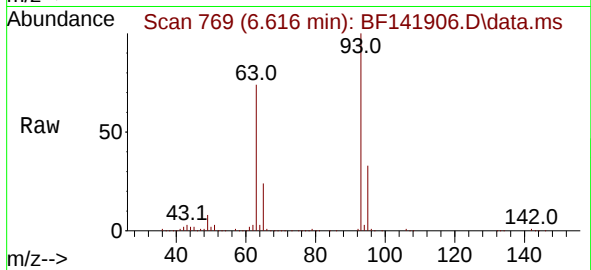




#11
bis(2-Chloroethyl)ether
Concen: 38.246 ng
RT: 6.616 min Scan# 769
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

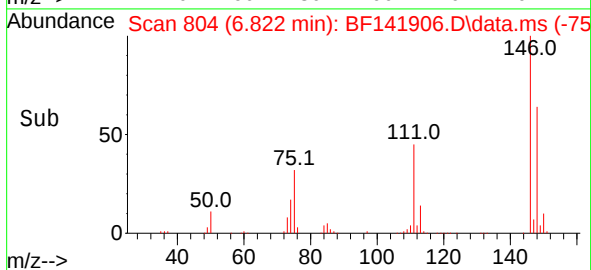
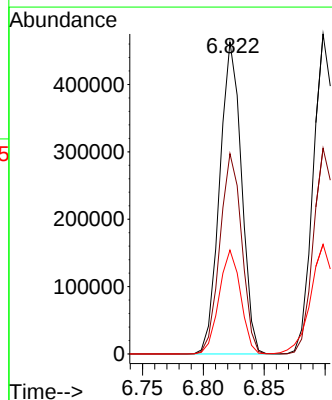
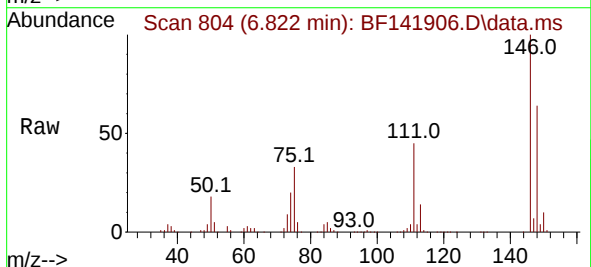
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

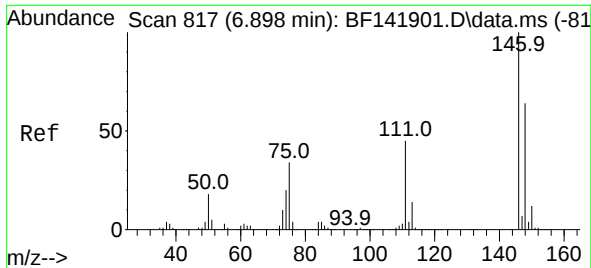
Tgt Ion: 93 Resp: 483438
Ion Ratio Lower Upper
93 100
63 73.5 53.0 93.0
95 32.6 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 38.391 ng
RT: 6.822 min Scan# 804
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:146 Resp: 577700
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
75 33.3 26.6 40.0

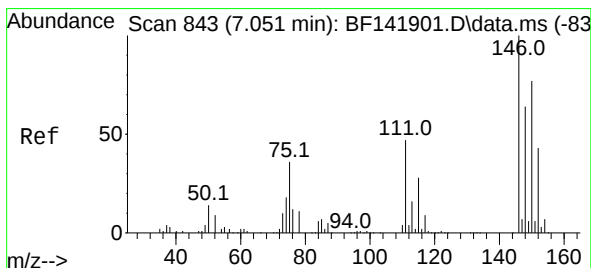
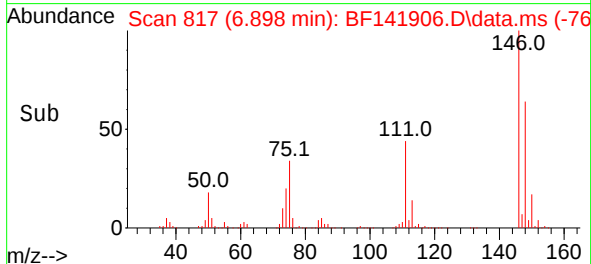
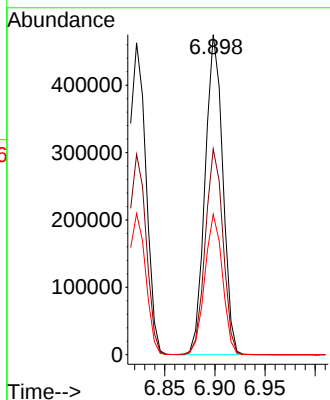
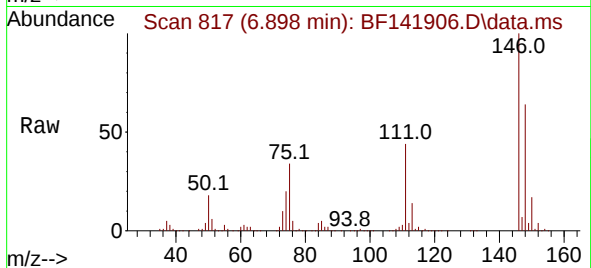




#13
1,4-Dichlorobenzene
Concen: 38.366 ng
RT: 6.898 min Scan# 817
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

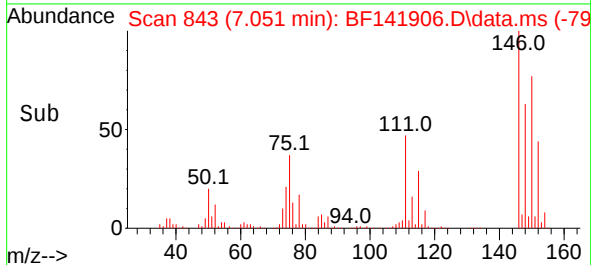
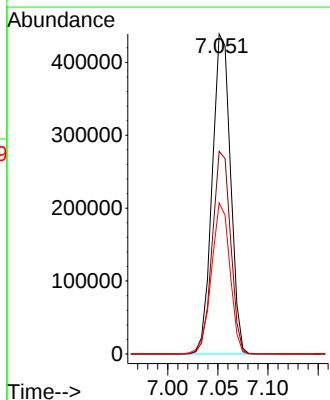
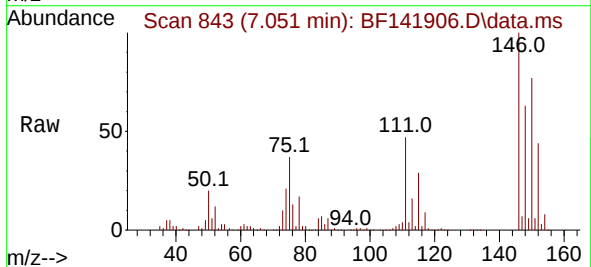
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

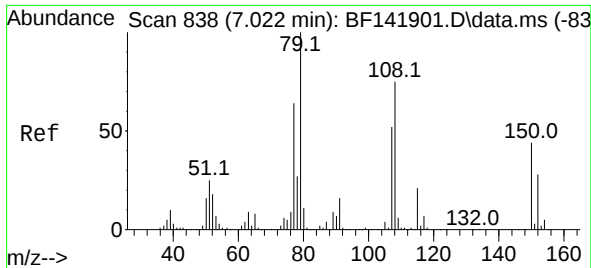
Tgt Ion:146 Resp: 584132
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.6
111 43.8 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 38.744 ng
RT: 7.051 min Scan# 843
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:146 Resp: 555621
Ion Ratio Lower Upper
146 100
148 63.3 50.8 76.2
111 47.2 38.0 57.0





#15

Benzyl Alcohol

Concen: 39.408 ng

RT: 7.022 min Scan# 838

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

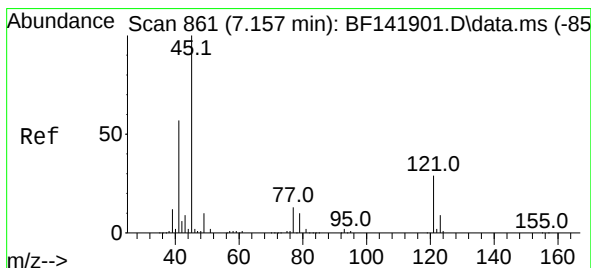
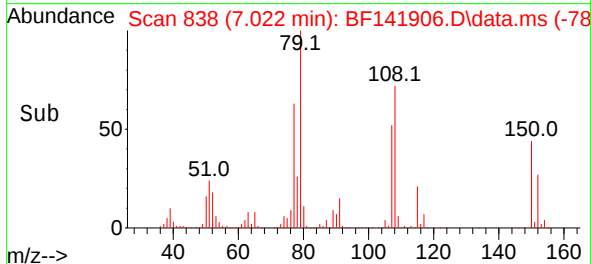
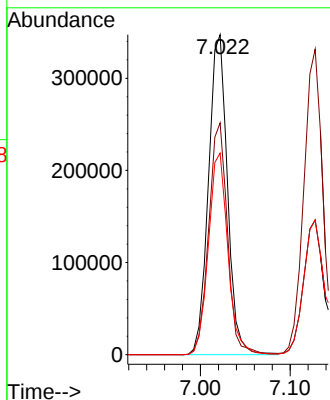
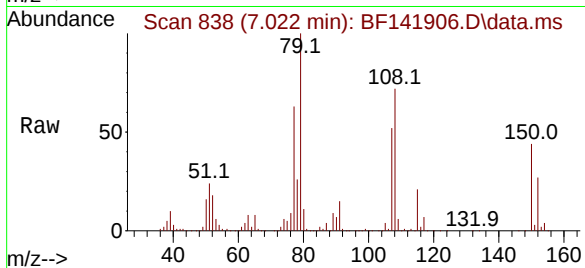
Tgt Ion: 79 Resp: 509792

Ion Ratio Lower Upper

79 100

108 72.4 59.7 89.5

77 63.0 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.338 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

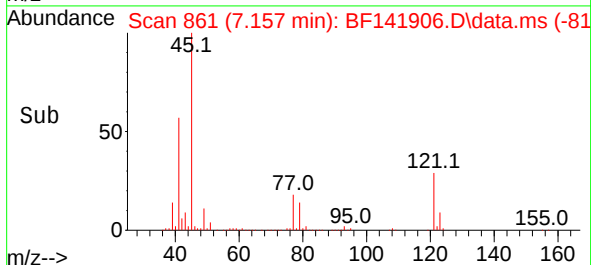
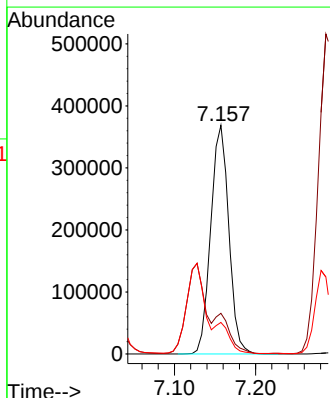
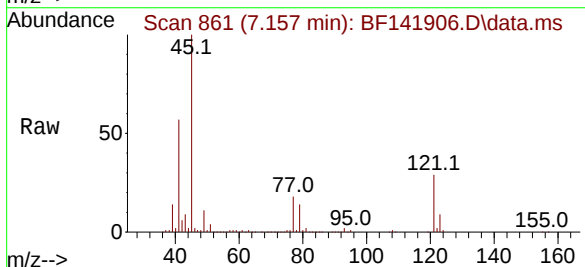
Tgt Ion: 45 Resp: 569783

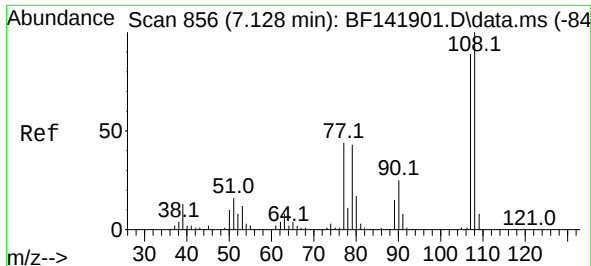
Ion Ratio Lower Upper

45 100

77 17.8 0.0 37.8

79 13.8 0.0 34.2

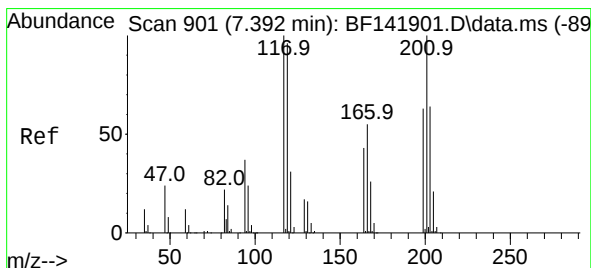
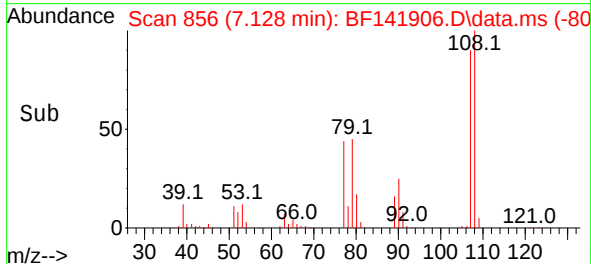
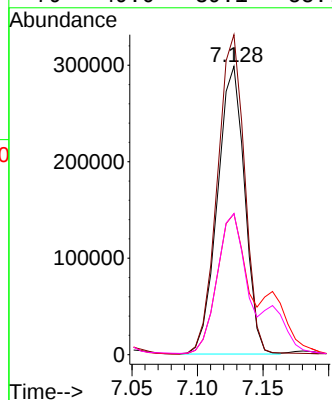
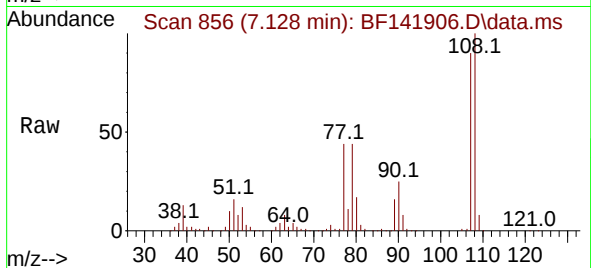




#17
2-Methylphenol
Concen: 38.775 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

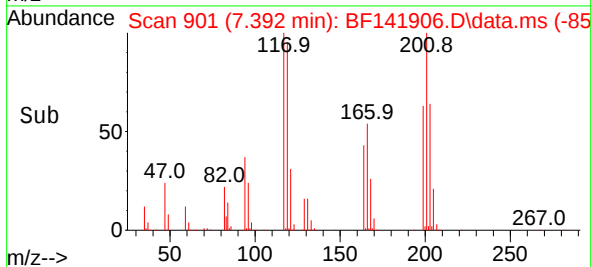
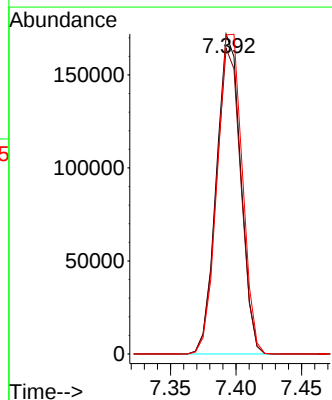
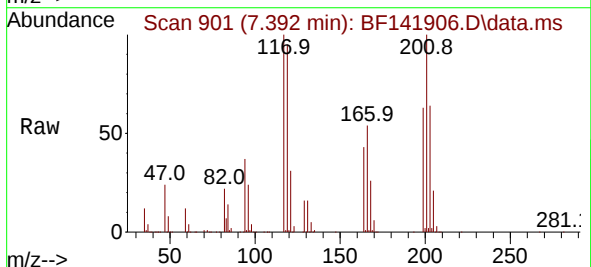
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

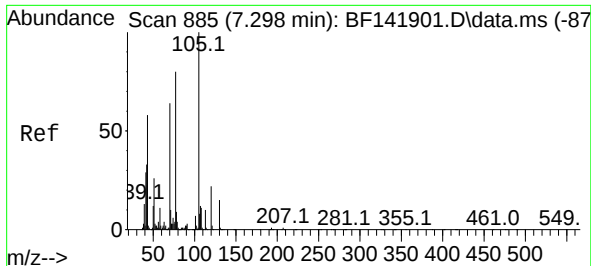
Tgt Ion:107 Resp: 429715
Ion Ratio Lower Upper
107 100
108 111.0 90.2 135.2
77 48.9 39.6 59.4
79 49.0 39.1 58.7



#18
Hexachloroethane
Concen: 38.797 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:117 Resp: 221507
Ion Ratio Lower Upper
117 100
119 95.5 76.9 115.3
201 99.7 79.9 119.9





#19

n-Nitroso-di-n-propylamine

Concen: 38.038 ng

RT: 7.298 min Scan# 885

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion: 70 Resp: 391096

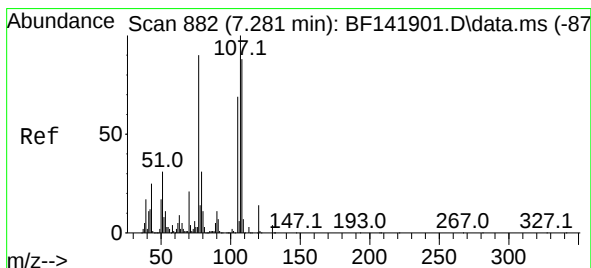
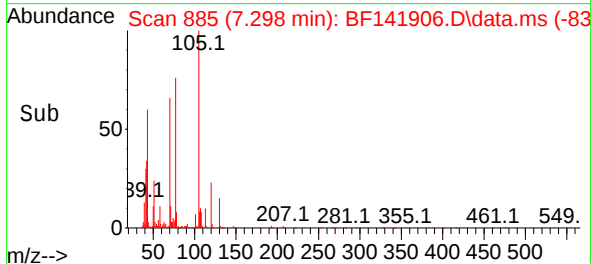
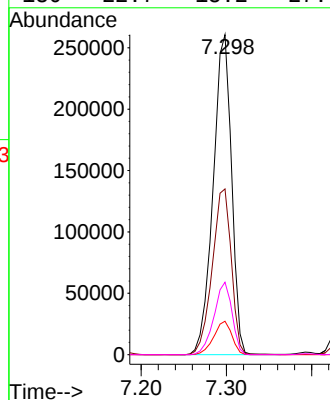
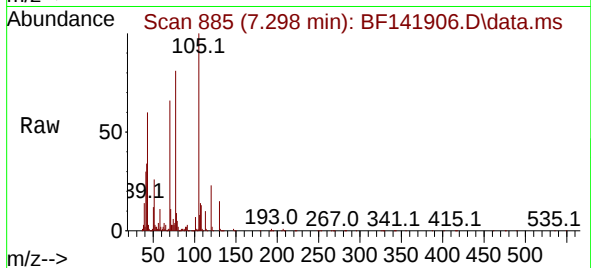
Ion Ratio Lower Upper

70 100

42 51.8 41.4 62.0

101 10.5 8.2 12.2

130 22.7 18.2 27.4



#20

3+4-Methylphenols

Concen: 38.619 ng

RT: 7.281 min Scan# 882

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:107 Resp: 548208

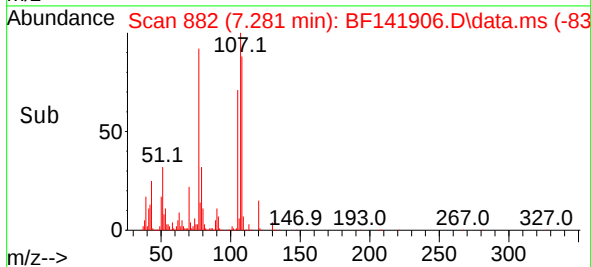
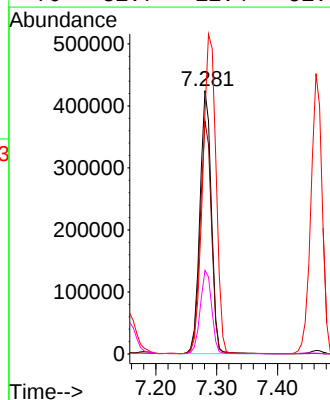
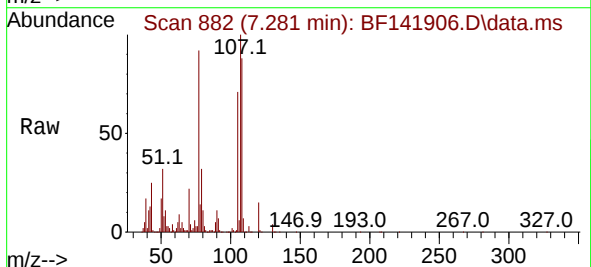
Ion Ratio Lower Upper

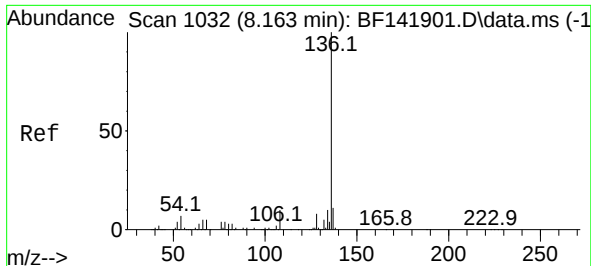
107 100

108 88.3 68.4 108.4

77 91.7 69.7 109.7

79 31.7 11.4 51.4



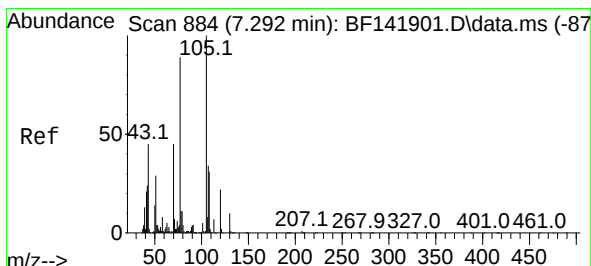
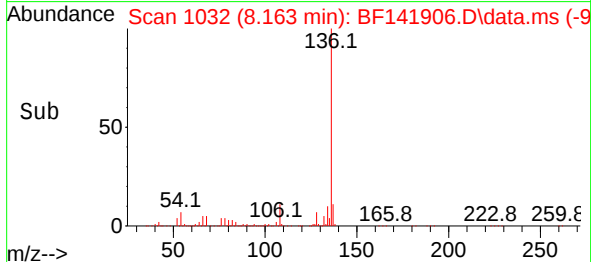
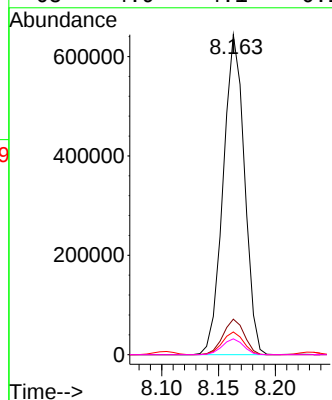
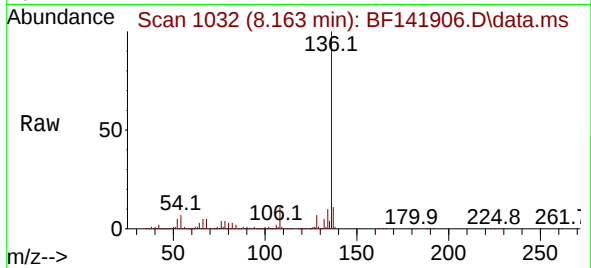


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion:136 Resp: 840616

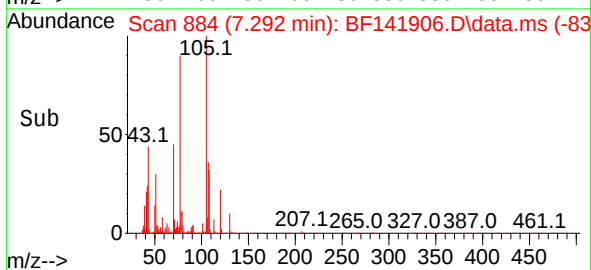
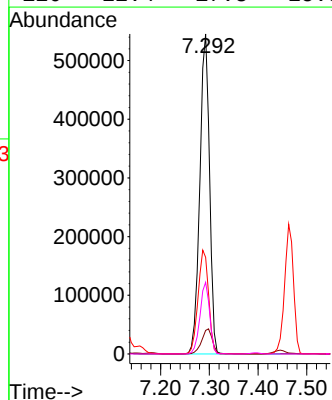
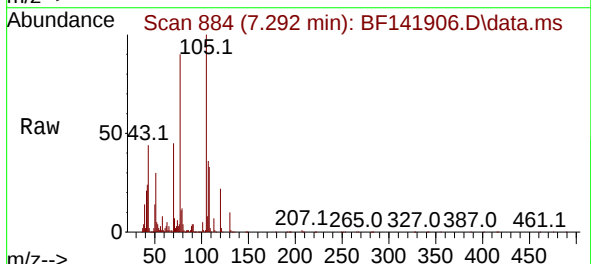
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.1	5.8	8.8
68	4.9	4.1	6.1

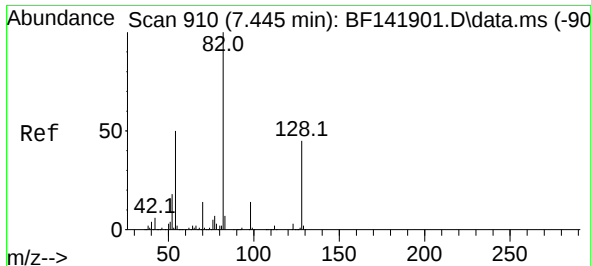


#22
Acetophenone
Concen: 37.650 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:105 Resp: 757917

Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.8
51	30.2	23.4	35.0
120	22.4	17.3	25.9





#23

Nitrobenzene-d5

Concen: 78.962 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

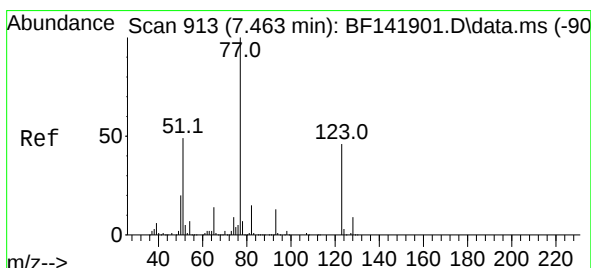
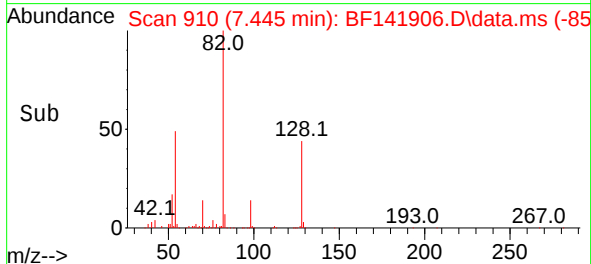
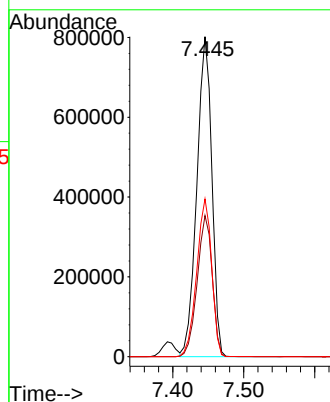
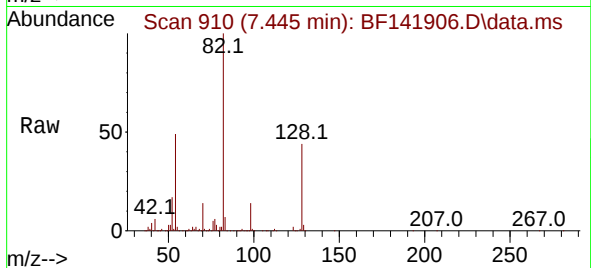
BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion: 82 Resp: 1179480

Ion	Ratio	Lower	Upper
82	100		
128	44.1	36.0	54.0
54	49.3	39.6	59.4



#24

Nitrobenzene

Concen: 38.980 ng

RT: 7.463 min Scan# 913

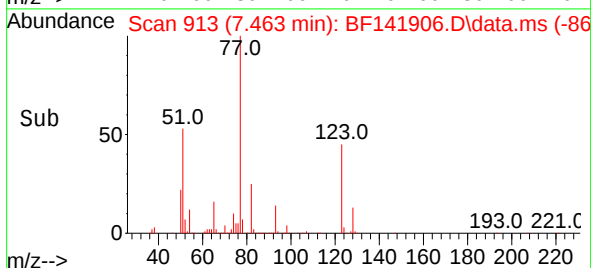
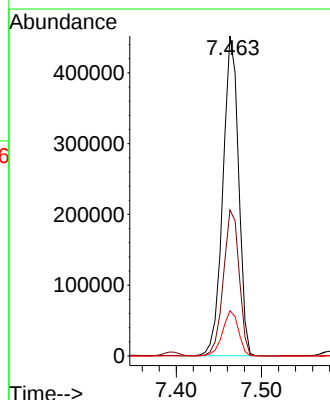
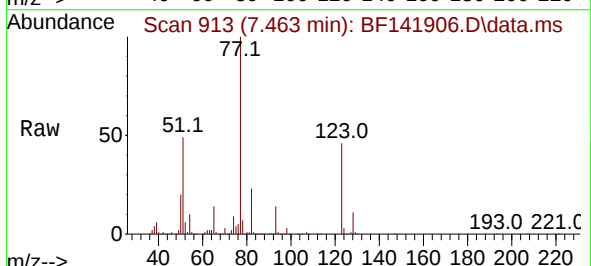
Delta R.T. 0.000 min

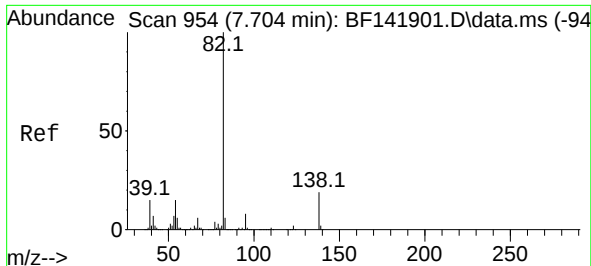
Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion: 77 Resp: 578836

Ion	Ratio	Lower	Upper
77	100		
123	45.6	37.0	55.4
65	14.2	11.3	16.9





#25

Isophorone

Concen: 38.163 ng

RT: 7.704 min Scan# 954

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

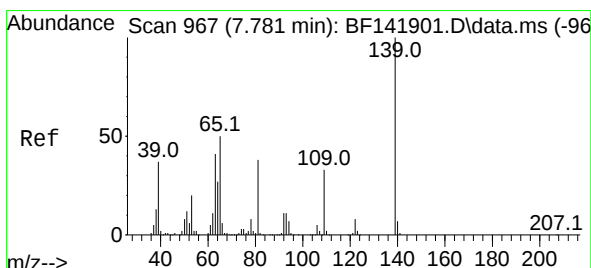
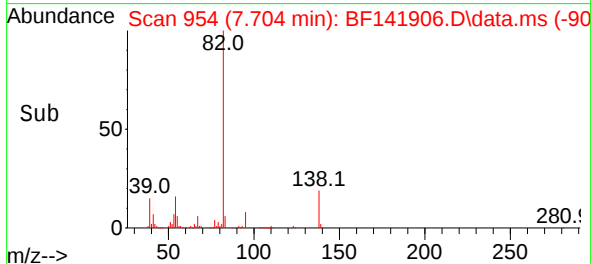
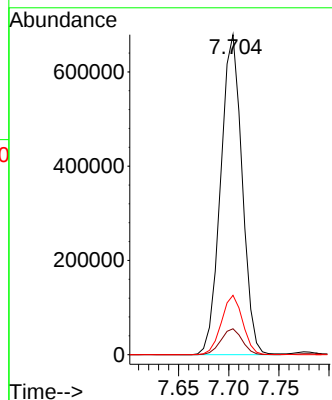
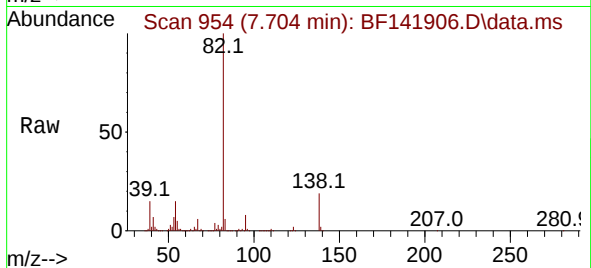
Tgt Ion: 82 Resp: 1007659

Ion Ratio Lower Upper

82 100

95 8.1 6.4 9.6

138 18.6 14.9 22.3



#26

2-Nitrophenol

Concen: 40.429 ng

RT: 7.775 min Scan# 966

Delta R.T. -0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

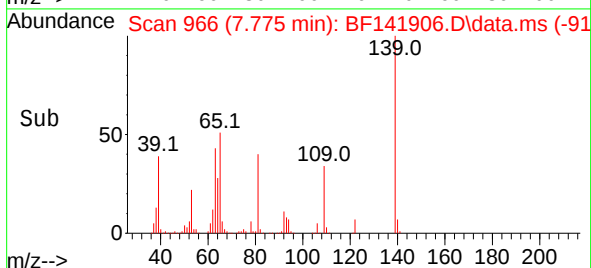
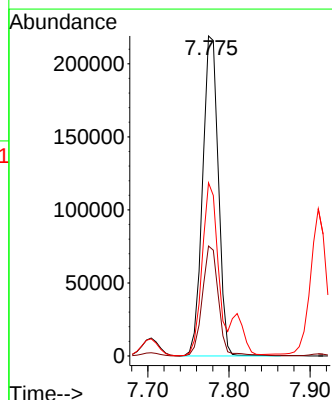
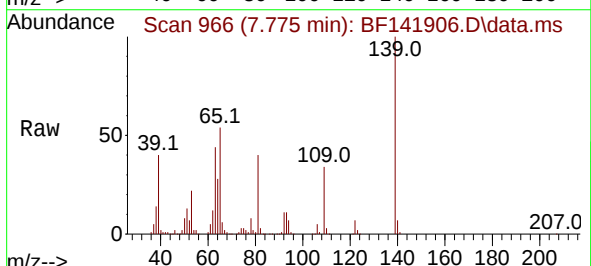
Tgt Ion:139 Resp: 294657

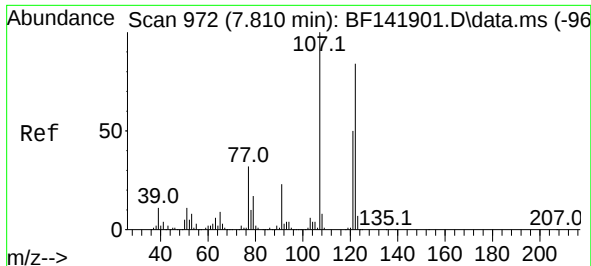
Ion Ratio Lower Upper

139 100

109 34.3 26.5 39.7

65 54.1 40.3 60.5

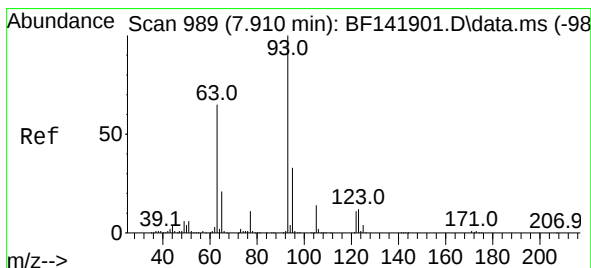
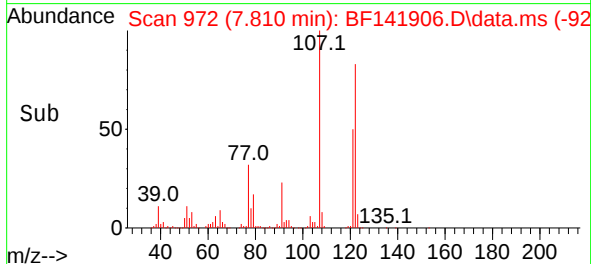
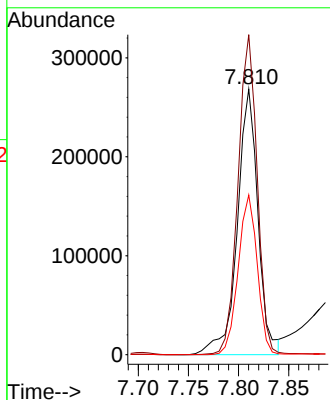
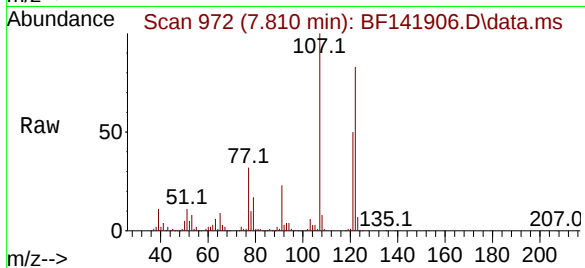




#27
2,4-Dimethylphenol
Concen: 38.414 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

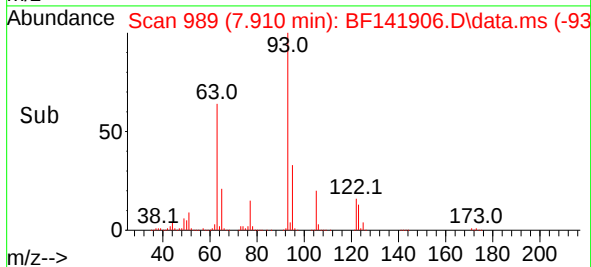
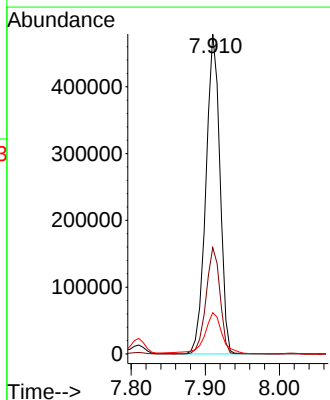
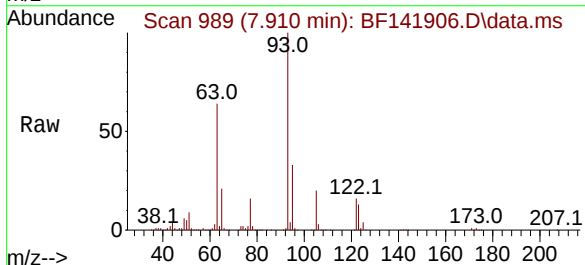
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

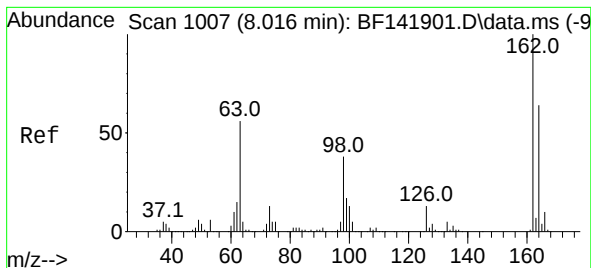
Tgt Ion:122 Resp: 385504
Ion Ratio Lower Upper
122 100
107 120.5 94.8 142.2
121 60.1 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 37.943 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 93 Resp: 628379
Ion Ratio Lower Upper
93 100
95 33.3 26.6 40.0
123 12.9 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.952 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

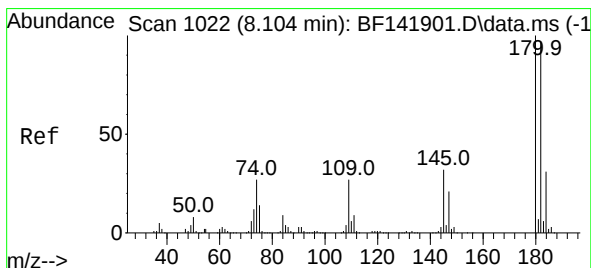
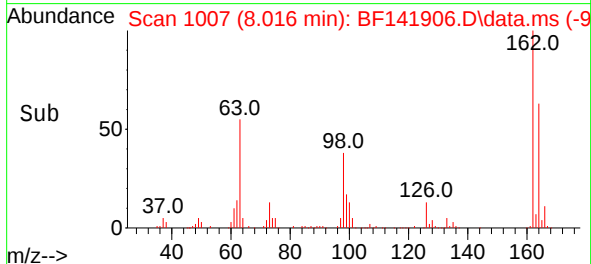
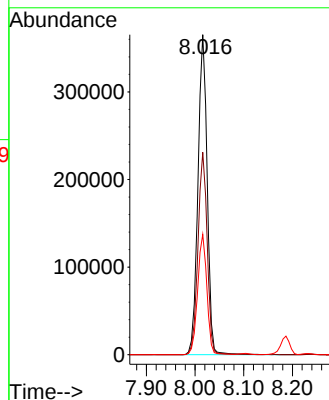
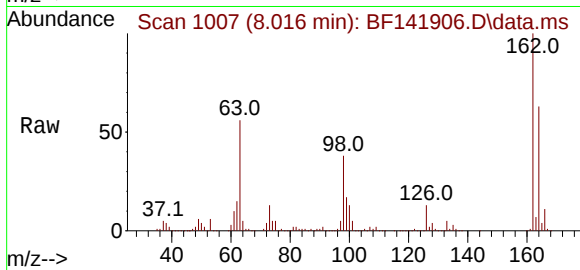
Tgt Ion:162 Resp: 485205

Ion Ratio Lower Upper

162 100

164 63.3 43.8 83.8

98 37.6 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 38.336 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

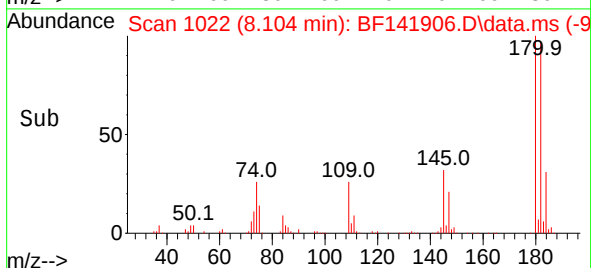
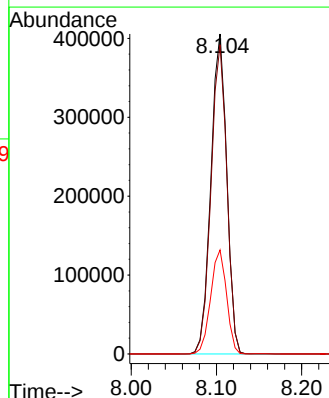
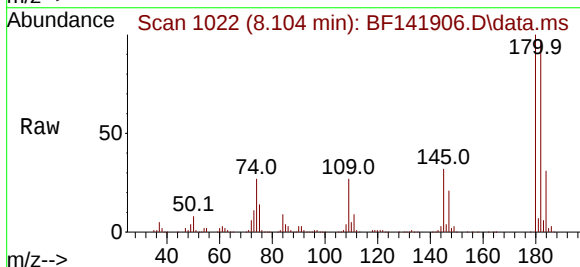
Tgt Ion:180 Resp: 526250

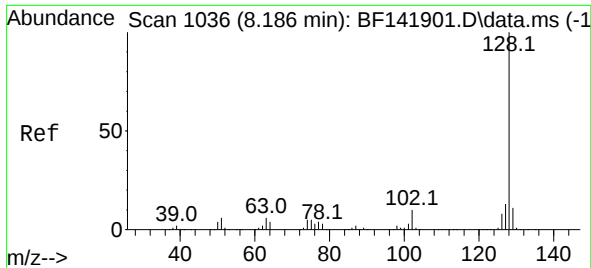
Ion Ratio Lower Upper

180 100

182 96.7 77.5 116.3

145 32.5 25.8 38.6

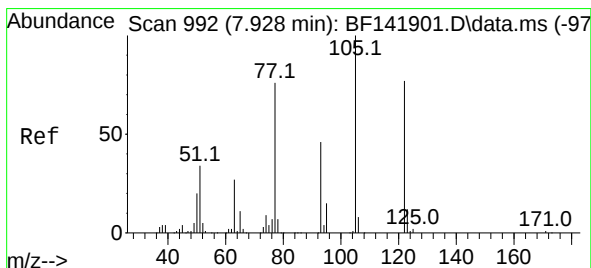
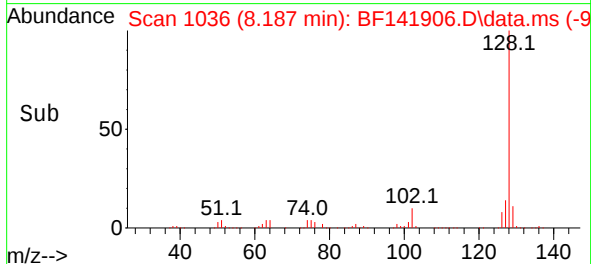
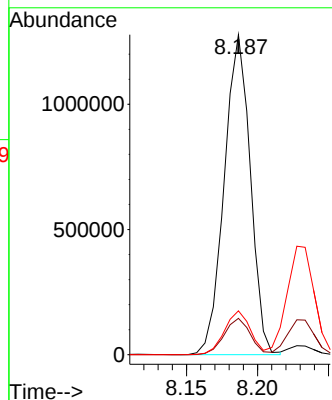
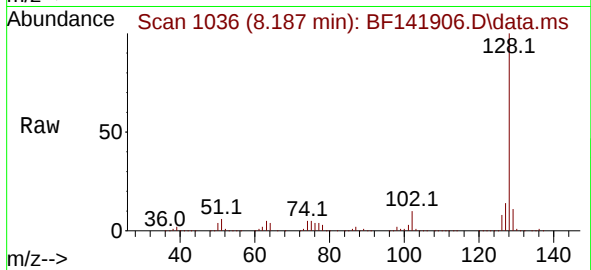




#31
Naphthalene
Concen: 37.827 ng
RT: 8.187 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

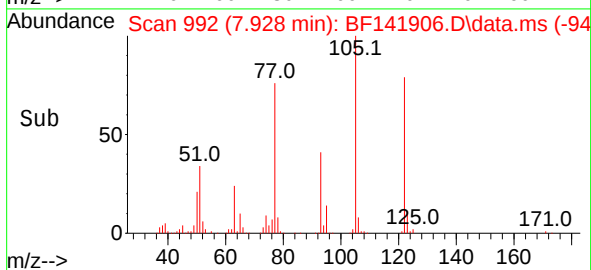
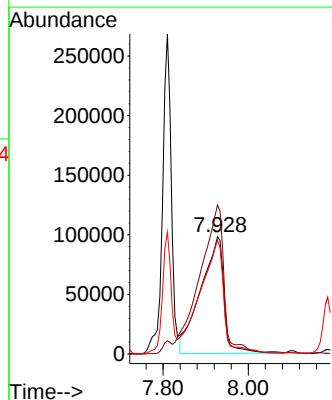
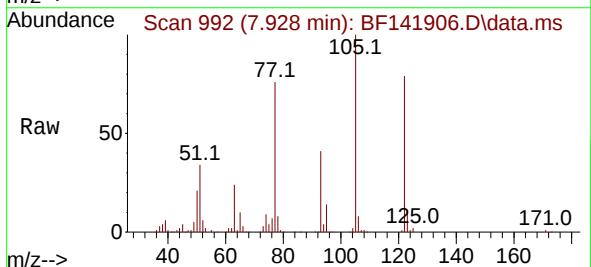
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

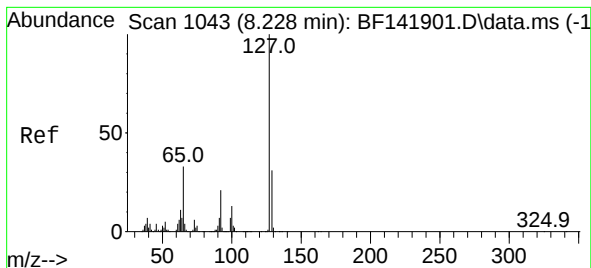
Tgt Ion:128 Resp: 1633401
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.7 10.8 16.2



#32
Benzoic acid
Concen: 42.303 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:122 Resp: 373179
Ion Ratio Lower Upper
122 100
105 127.1 107.9 147.9
77 97.0 79.0 119.0





#33

4-Chloroaniline

Concen: 38.847 ng

RT: 8.228 min Scan# 1043

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

Tgt Ion:127 Resp: 592172

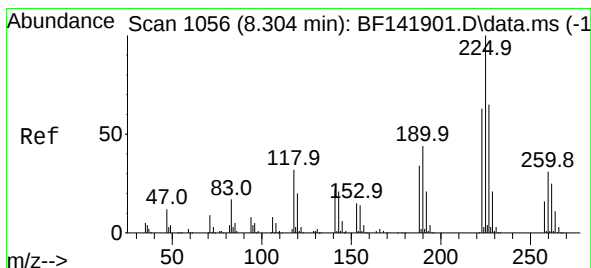
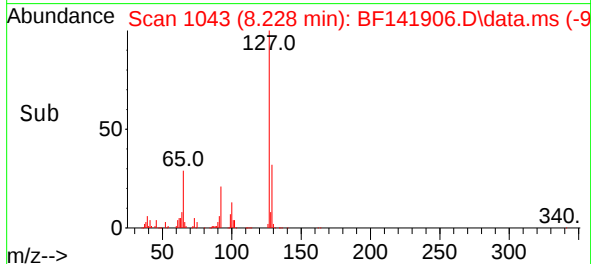
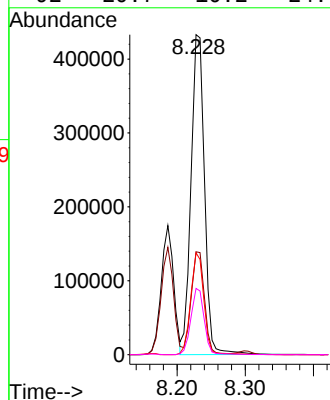
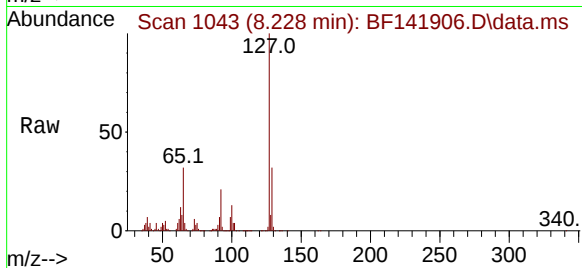
Ion Ratio Lower Upper

127 100

129 32.2 26.2 39.4

65 31.9 25.4 38.2

92 20.7 16.2 24.4



#34

Hexachlorobutadiene

Concen: 38.849 ng

RT: 8.304 min Scan# 1056

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

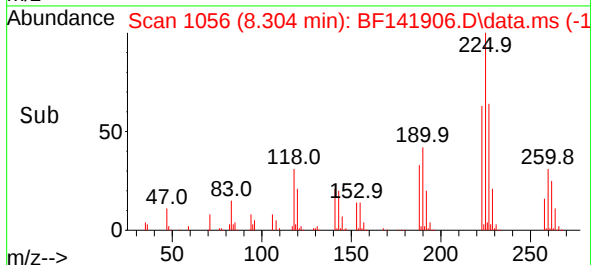
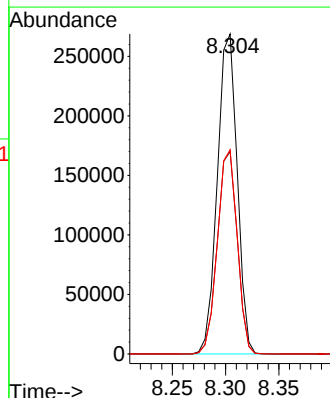
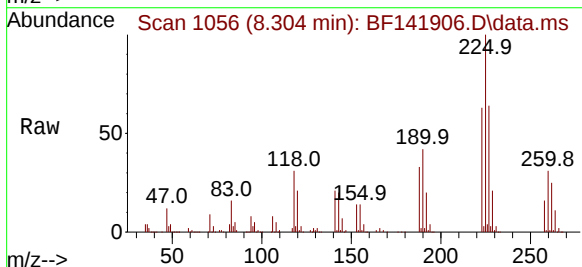
Tgt Ion:225 Resp: 347789

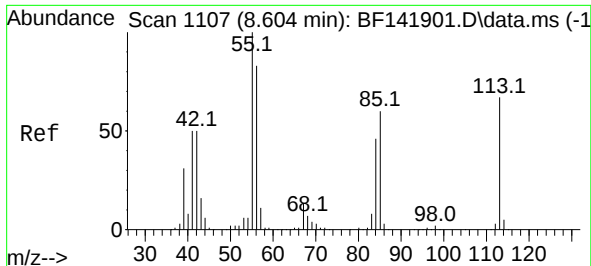
Ion Ratio Lower Upper

225 100

223 63.2 50.6 75.8

227 63.8 52.2 78.2





#35

Caprolactam

Concen: 37.276 ng

RT: 8.604 min Scan# 1107

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

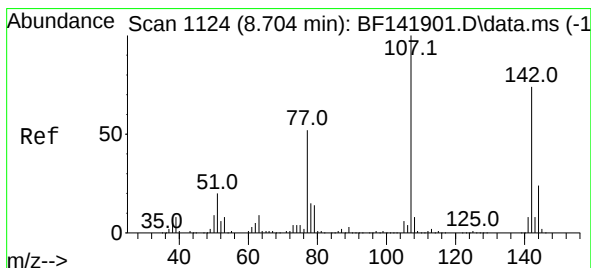
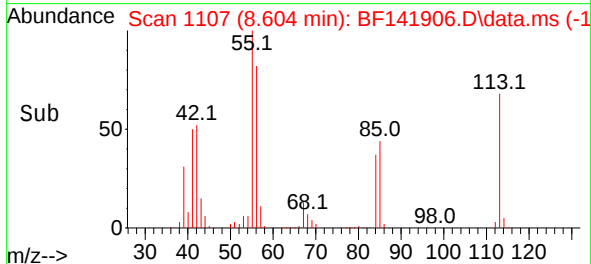
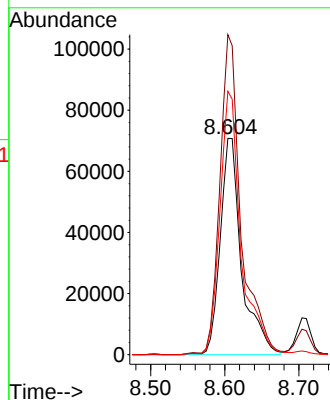
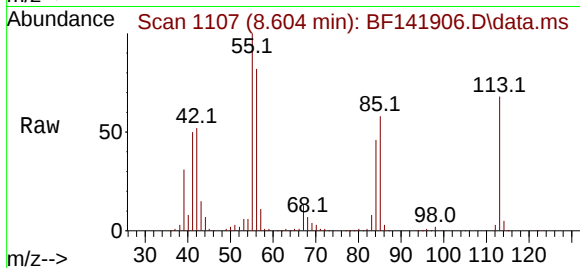
Tgt Ion:113 Resp: 141562

Ion Ratio Lower Upper

113 100

55 148.0 129.6 169.6

56 121.8 104.0 144.0



#36

4-Chloro-3-methylphenol

Concen: 38.550 ng

RT: 8.704 min Scan# 1124

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

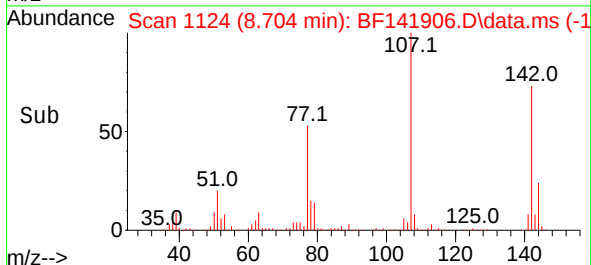
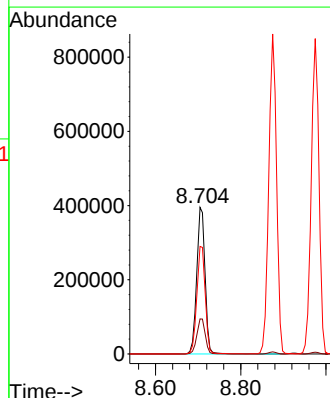
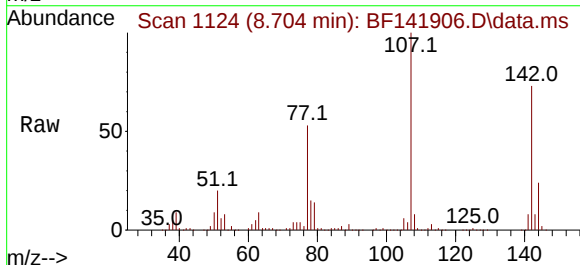
Tgt Ion:107 Resp: 535661

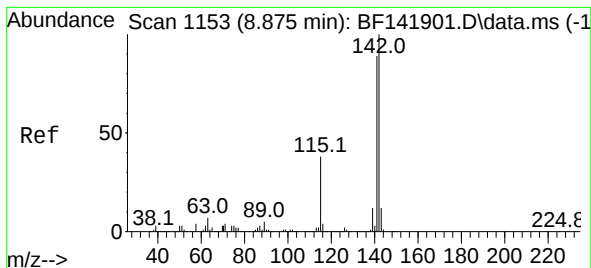
Ion Ratio Lower Upper

107 100

144 23.9 19.0 28.6

142 73.3 59.2 88.8





#37

2-Methylnaphthalene

Concen: 37.935 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

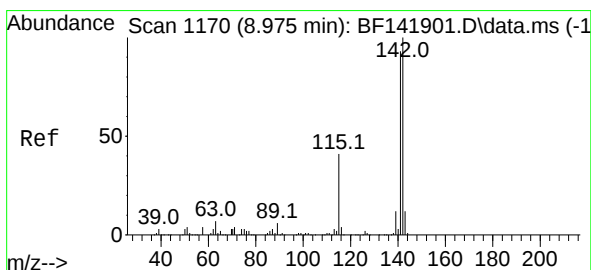
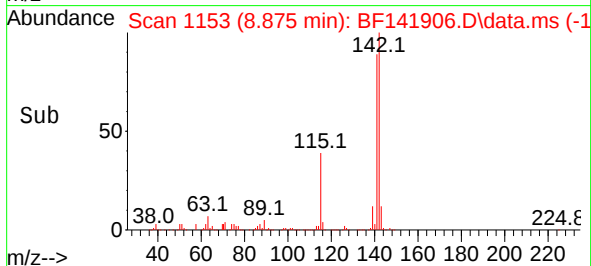
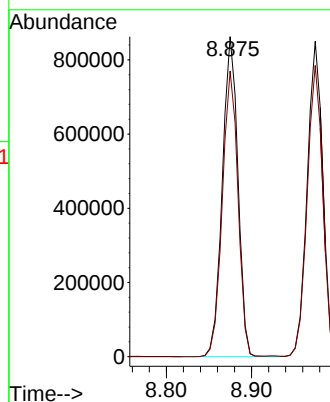
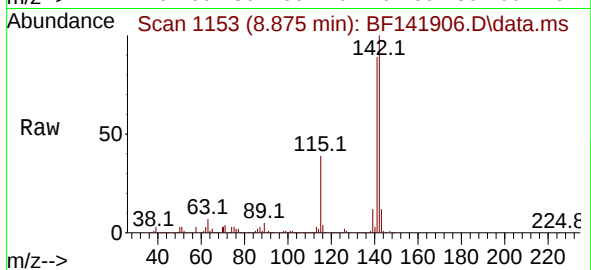
ICVBF031025

Tgt Ion:142 Resp: 1094895

Ion Ratio Lower Upper

142 100

141 89.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 38.484 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141906.D

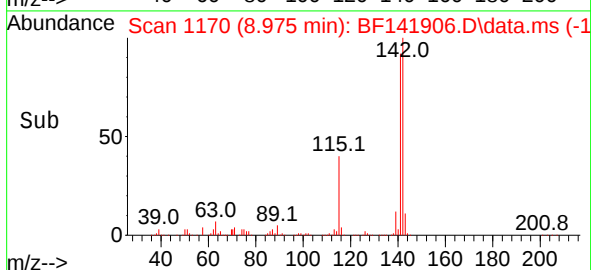
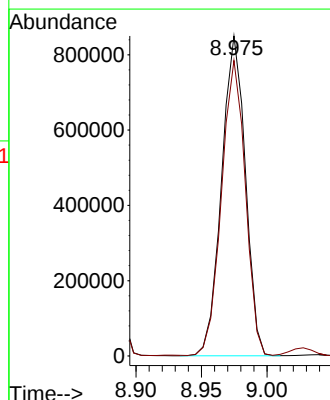
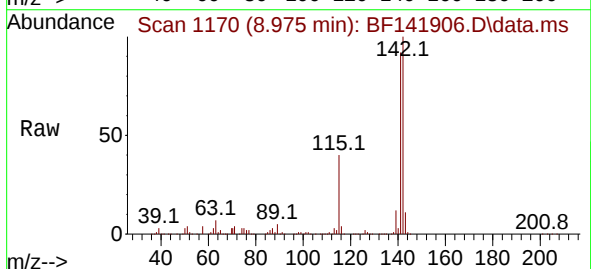
Acq: 10 Mar 2025 15:53

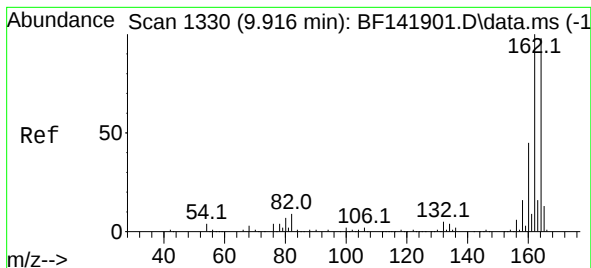
Tgt Ion:142 Resp: 1071850

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

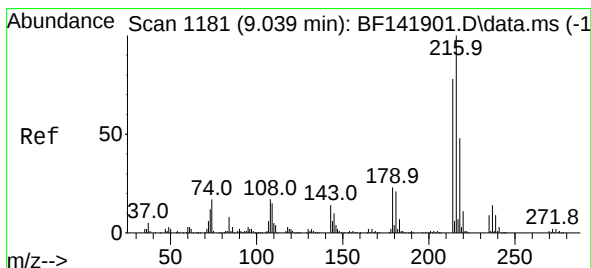
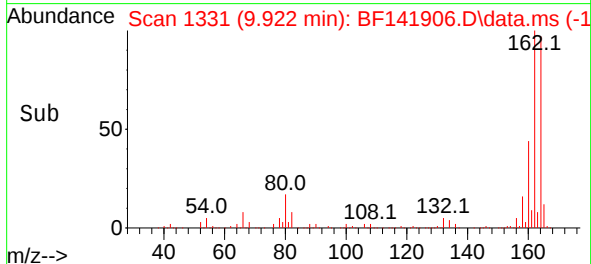
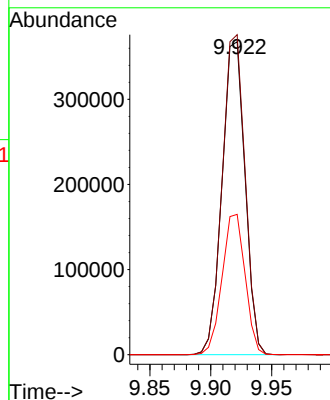
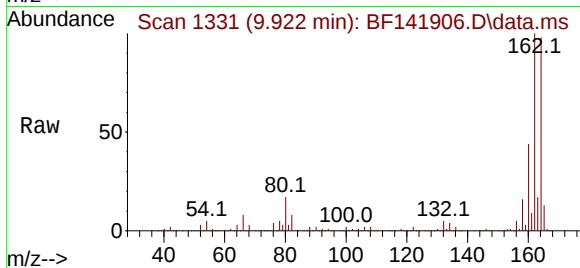
Tgt Ion:164 Resp: 483165

Ion Ratio Lower Upper

164 100

162 102.2 81.8 122.6

160 44.8 36.7 55.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.191 ng

RT: 9.039 min Scan# 1181

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:216 Resp: 561804

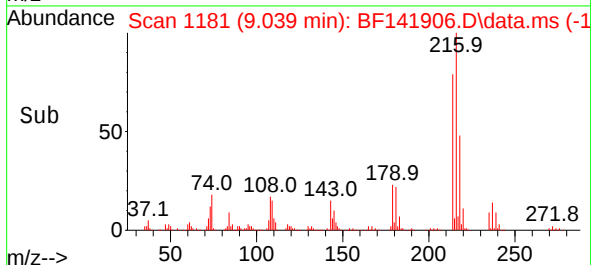
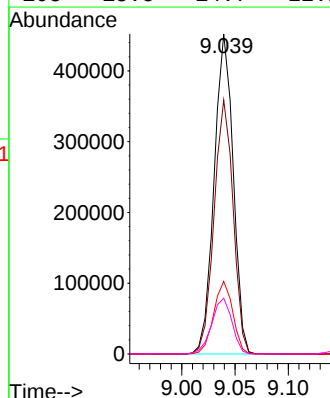
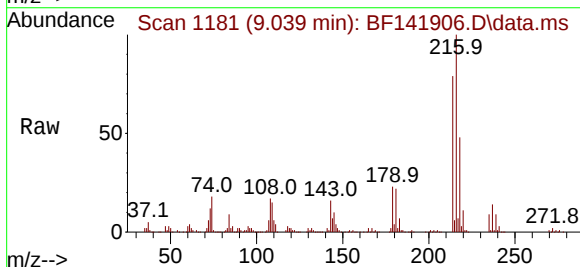
Ion Ratio Lower Upper

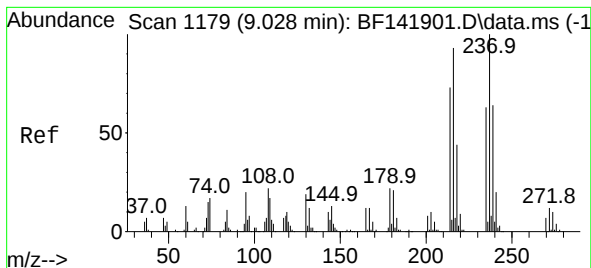
216 100

214 79.2 61.9 92.9

179 22.7 18.1 27.1

108 18.5 14.7 22.1





#41

Hexachlorocyclopentadiene

Concen: 38.281 ng

RT: 9.028 min Scan# 1179

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

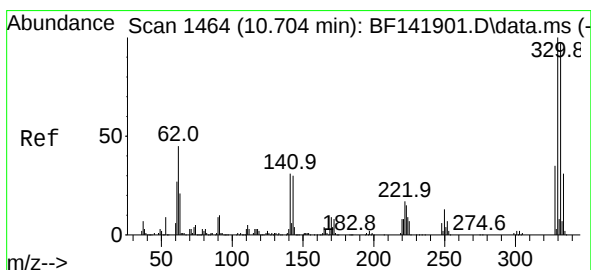
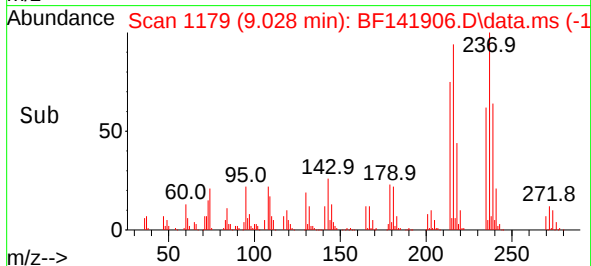
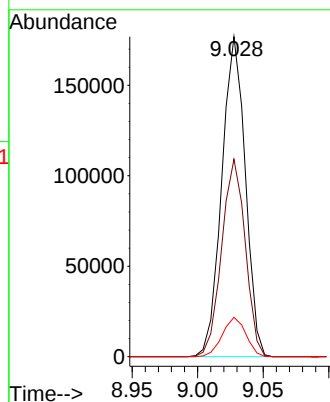
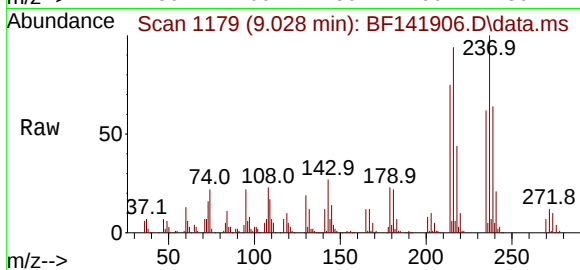
Tgt Ion:237 Resp: 220386

Ion Ratio Lower Upper

237 100

235 61.7 43.1 83.1

272 12.3 0.0 32.0



#42

2,4,6-Tribromophenol

Concen: 79.342 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

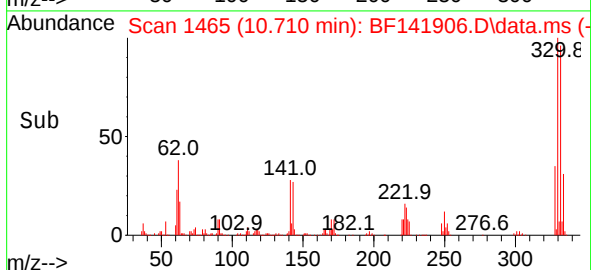
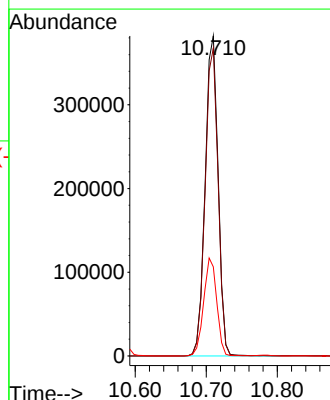
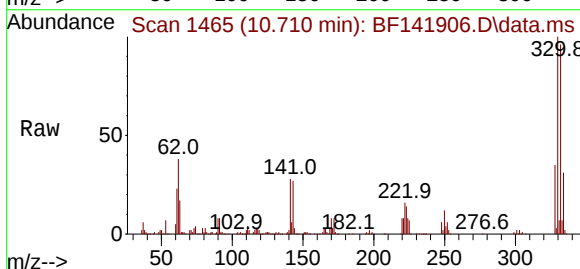
Tgt Ion:330 Resp: 486334

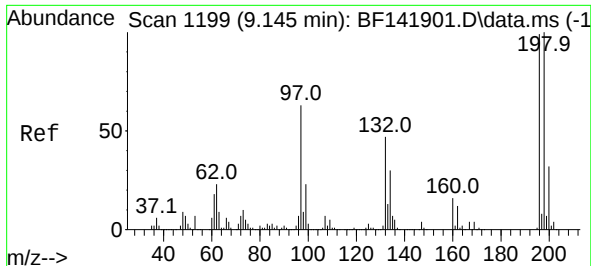
Ion Ratio Lower Upper

330 100

332 96.2 77.6 116.4

141 30.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 39.292 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

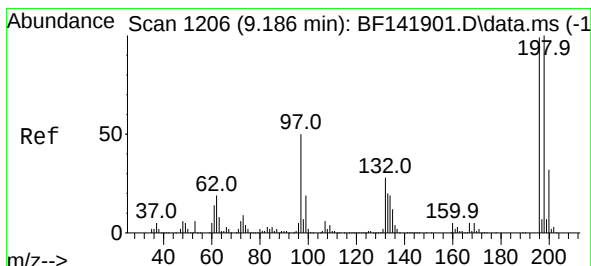
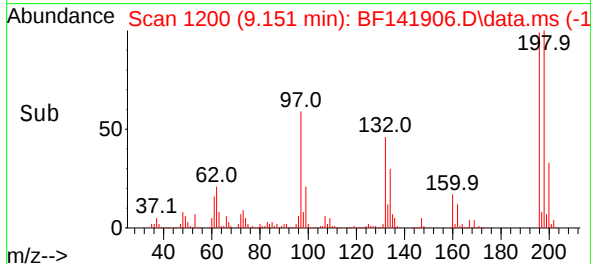
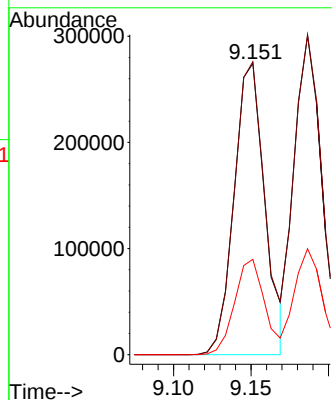
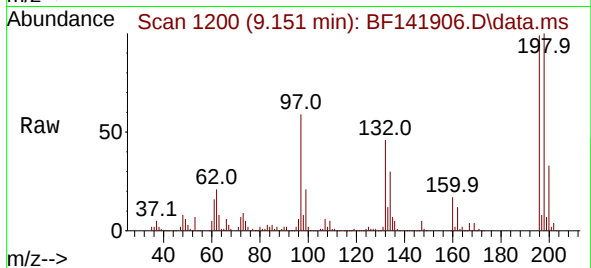
Tgt Ion:196 Resp: 377743

Ion Ratio Lower Upper

196 100

198 100.6 80.6 121.0

200 32.8 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 38.263 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Tgt Ion:196 Resp: 372564

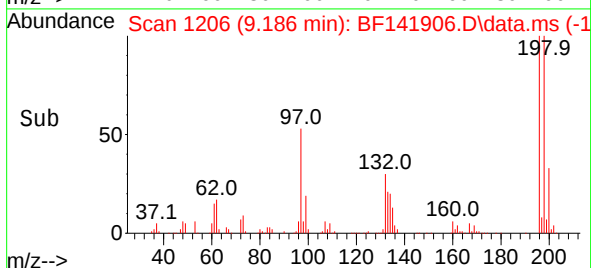
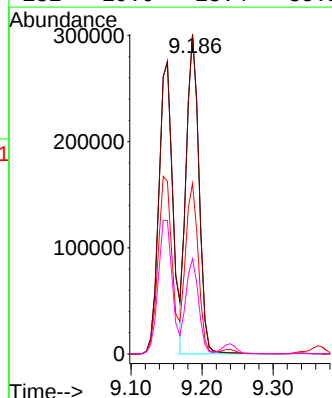
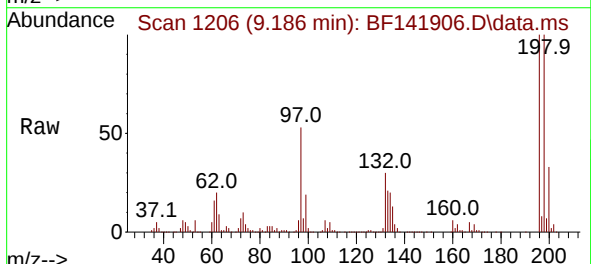
Ion Ratio Lower Upper

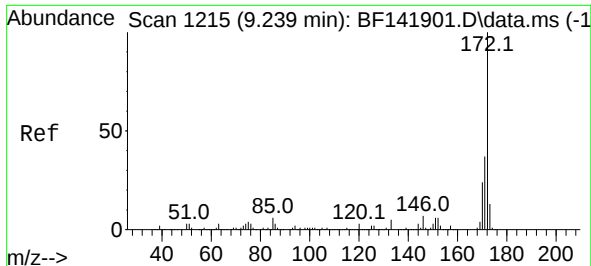
196 100

198 100.3 80.7 121.1

97 53.5 42.1 63.1

132 29.9 23.4 35.2





#45

2-Fluorobiphenyl

Concen: 75.528 ng

RT: 9.239 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

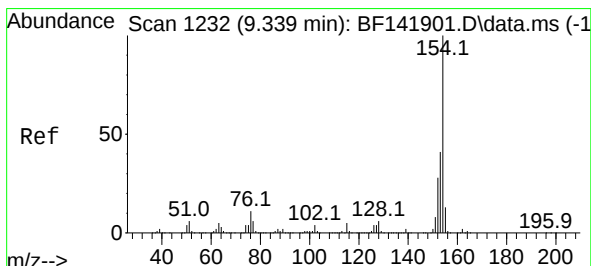
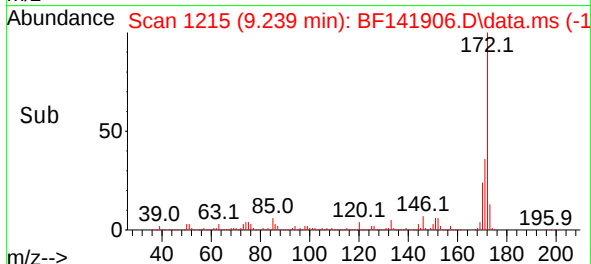
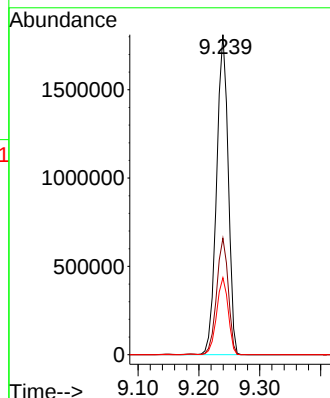
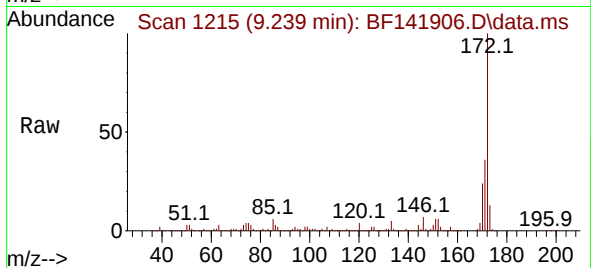
Tgt Ion:172 Resp: 2399526

Ion Ratio Lower Upper

172 100

171 36.4 29.3 43.9

170 24.1 19.4 29.0



#46

1,1'-Biphenyl

Concen: 38.182 ng

RT: 9.339 min Scan# 1232

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

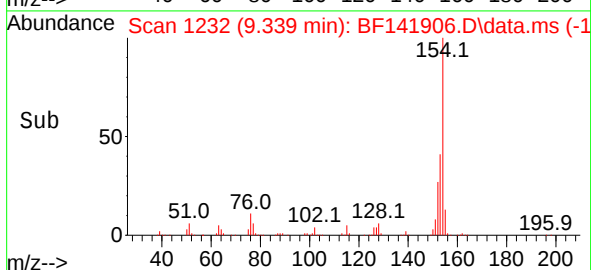
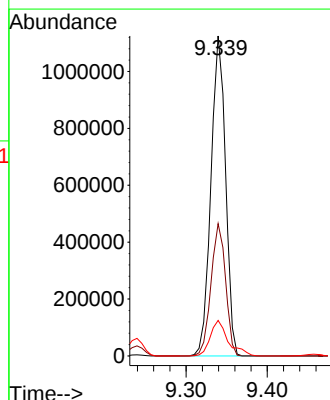
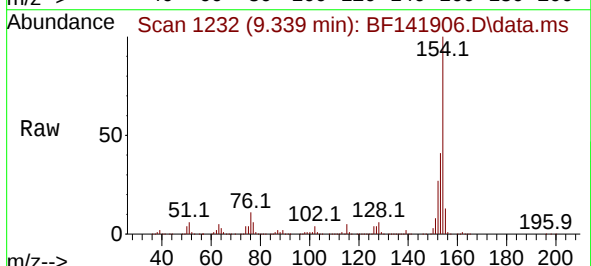
Tgt Ion:154 Resp: 1401736

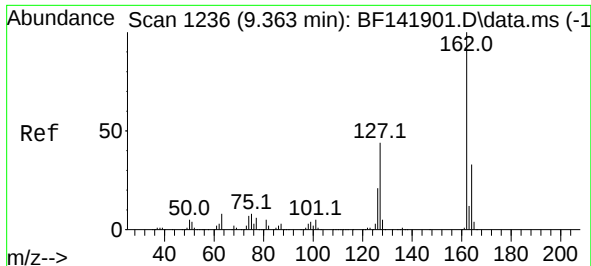
Ion Ratio Lower Upper

154 100

153 41.3 21.1 61.1

76 11.1 0.0 31.3





#47

2-Chloronaphthalene

Concen: 38.090 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

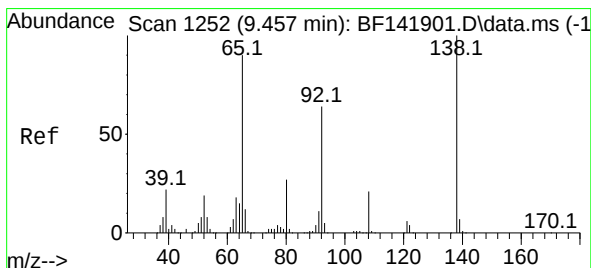
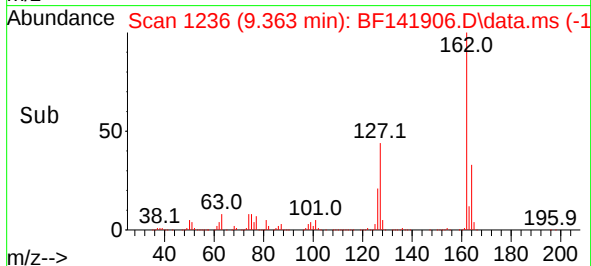
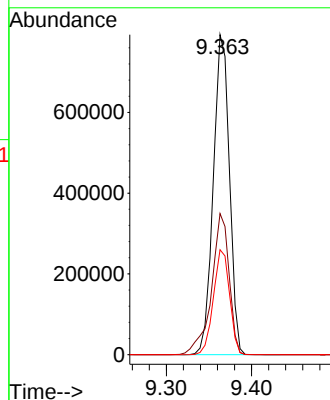
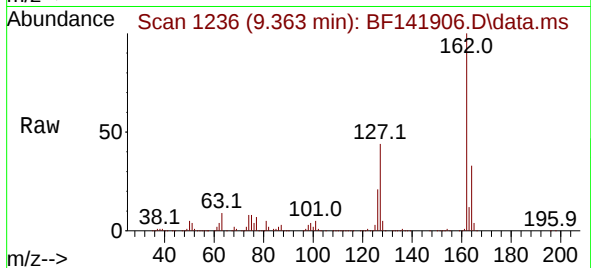
Tgt Ion:162 Resp: 1042241

Ion Ratio Lower Upper

162 100

127 44.1 35.5 53.3

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 38.908 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

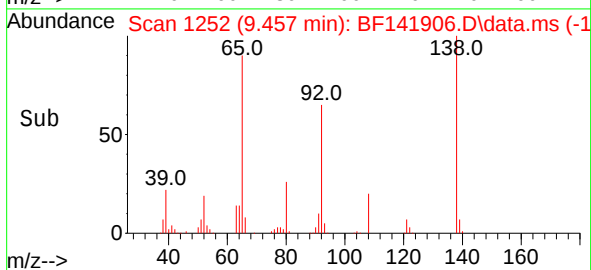
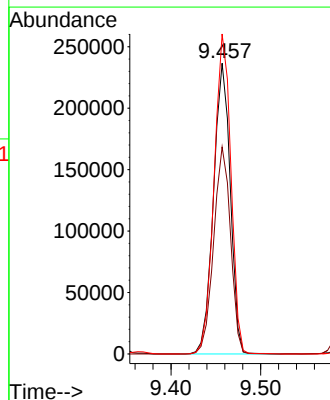
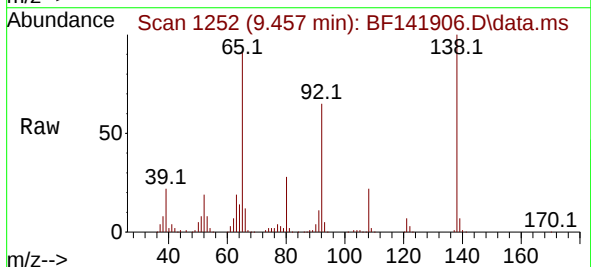
Tgt Ion: 65 Resp: 308259

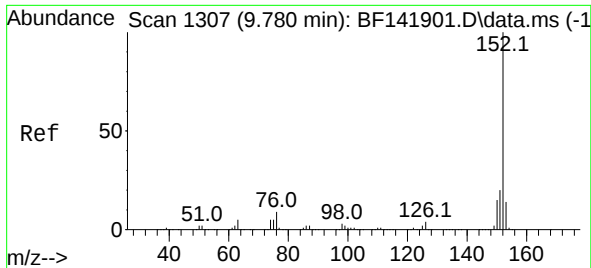
Ion Ratio Lower Upper

65 100

92 71.2 56.6 84.8

138 110.1 88.6 133.0





#49

Acenaphthylene

Concen: 37.725 ng

RT: 9.781 min Scan# 1307

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

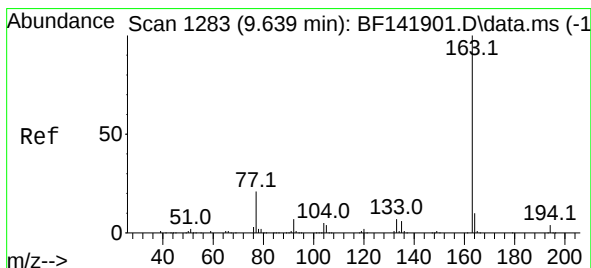
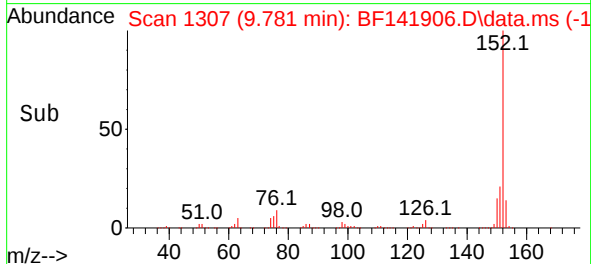
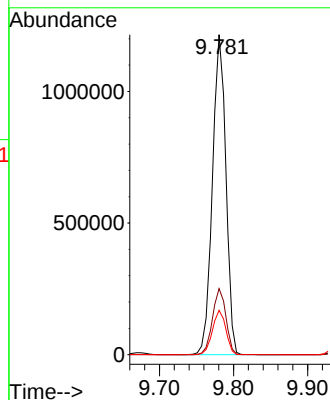
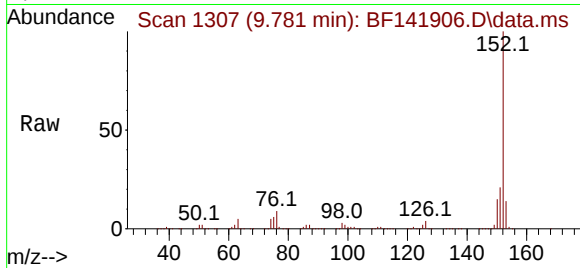
Tgt Ion:152 Resp: 1531852

Ion Ratio Lower Upper

152 100

151 20.7 16.3 24.5

153 13.9 11.1 16.7



#50

Dimethylphthalate

Concen: 37.611 ng

RT: 9.639 min Scan# 1283

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

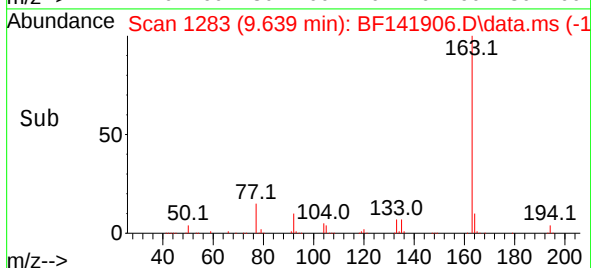
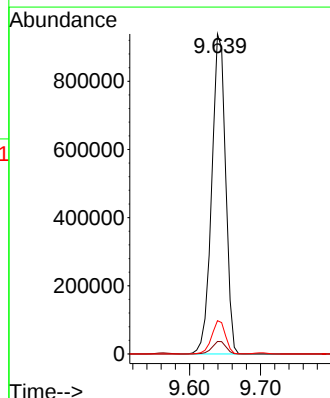
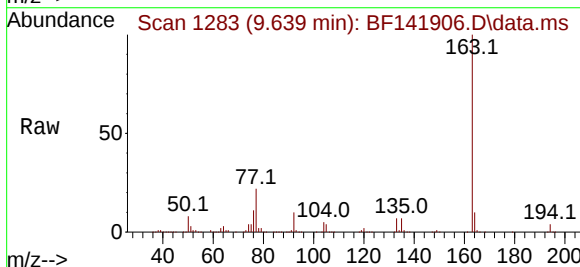
Tgt Ion:163 Resp: 1272572

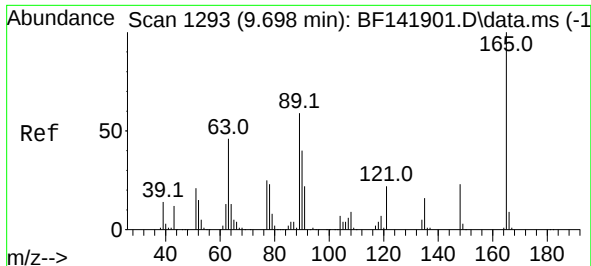
Ion Ratio Lower Upper

163 100

194 3.9 3.1 4.7

164 10.4 8.2 12.4

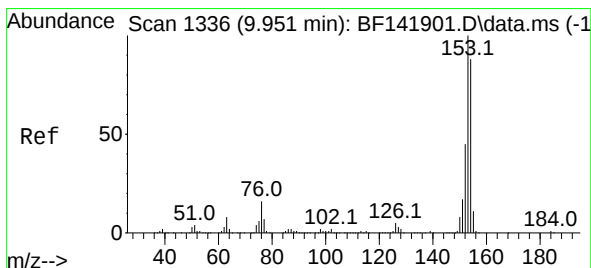
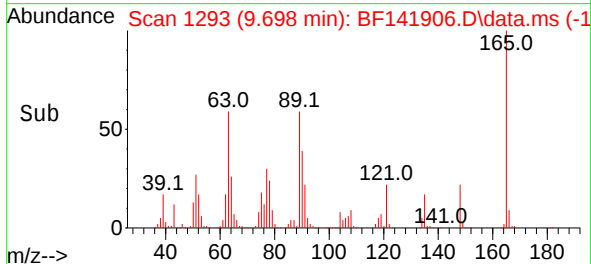
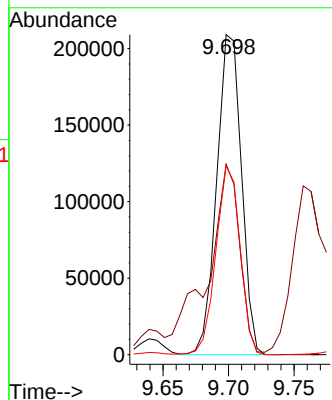
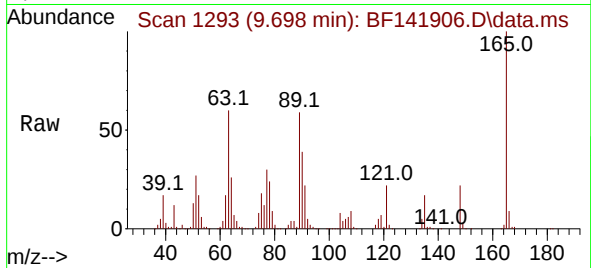




#51
2,6-Dinitrotoluene
Concen: 38.970 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

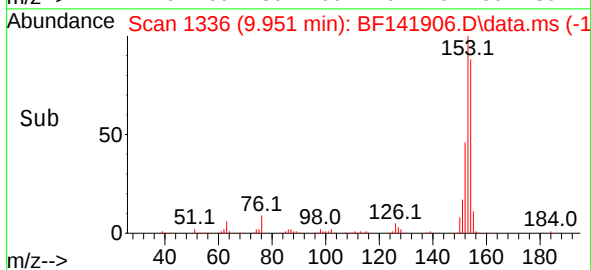
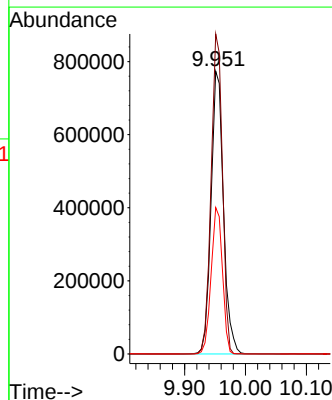
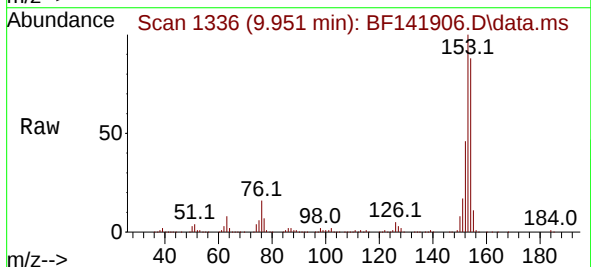
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

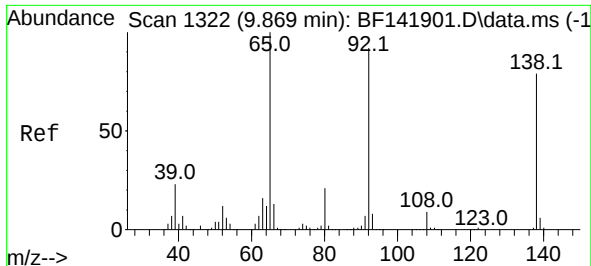
Tgt Ion:165 Resp: 274531
Ion Ratio Lower Upper
165 100
63 59.5 47.0 70.4
89 59.1 47.4 71.2



#52
Acenaphthene
Concen: 38.405 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:154 Resp: 1095922
Ion Ratio Lower Upper
154 100
153 113.2 90.7 136.1
152 51.8 41.1 61.7





#53

3-Nitroaniline

Concen: 38.561 ng

RT: 9.869 min Scan# 1322

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

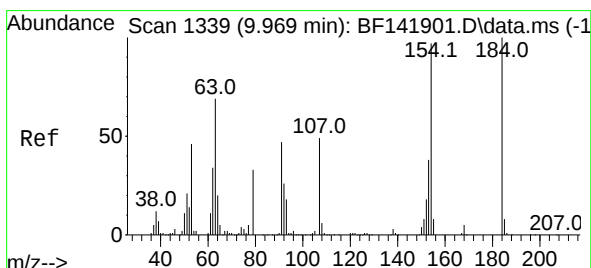
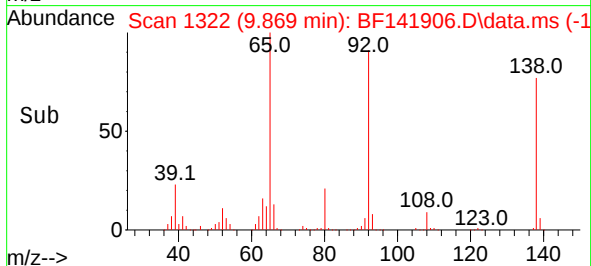
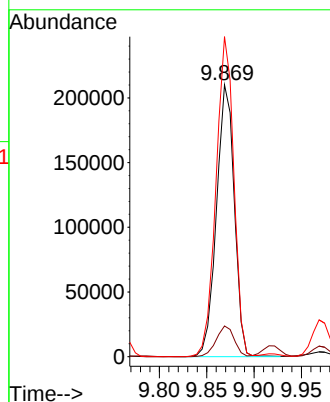
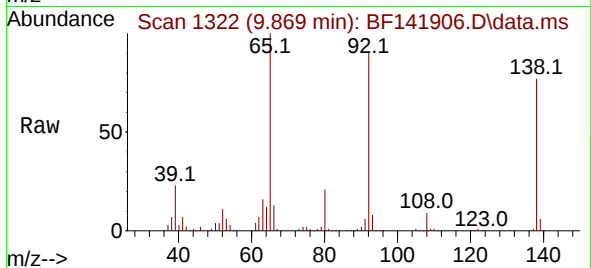
Tgt Ion:138 Resp: 275555

Ion Ratio Lower Upper

138 100

108 11.3 9.3 13.9

92 117.7 93.5 140.3



#54

2,4-Dinitrophenol

Concen: 39.326 ng

RT: 9.969 min Scan# 1339

Delta R.T. -0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

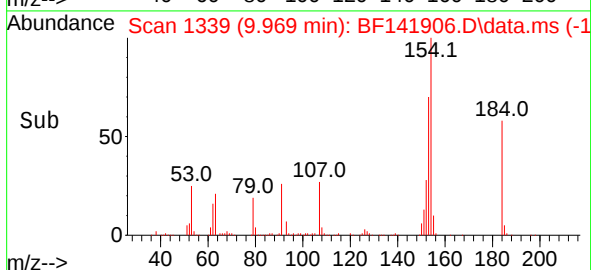
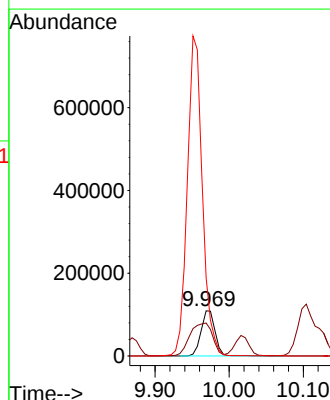
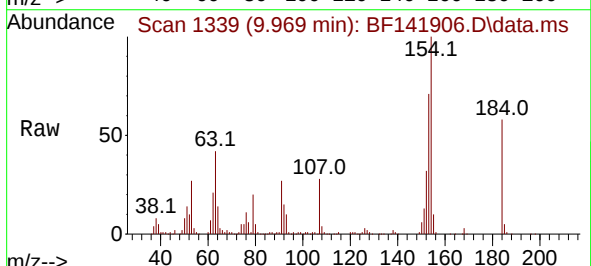
Tgt Ion:184 Resp: 142831

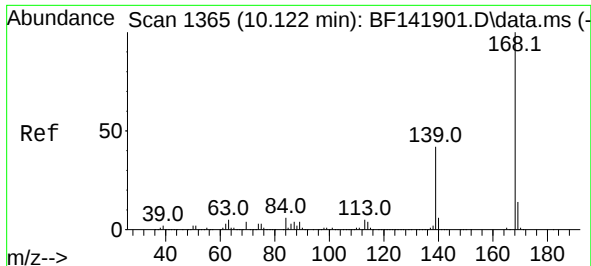
Ion Ratio Lower Upper

184 100

63 73.1 60.2 90.4

154 173.5 132.9 199.3

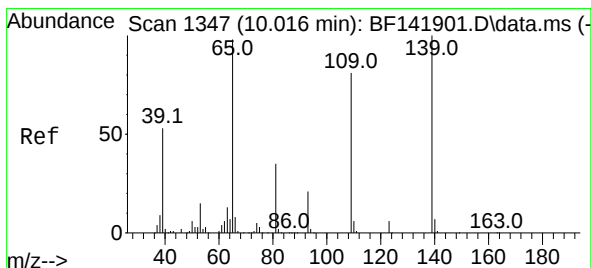
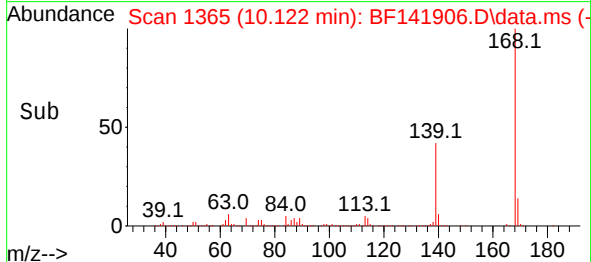
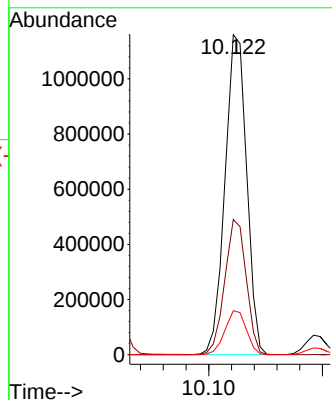
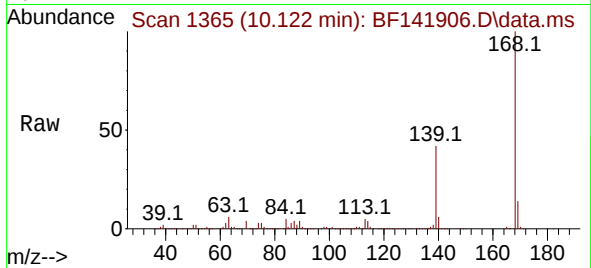




#55
Dibenzofuran
Concen: 37.778 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

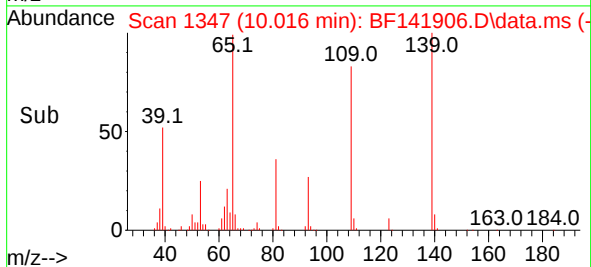
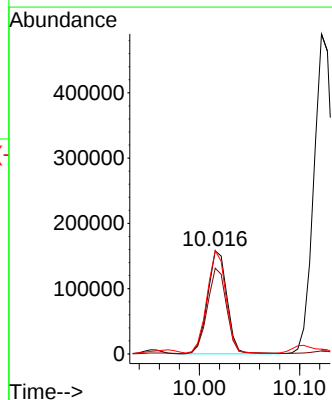
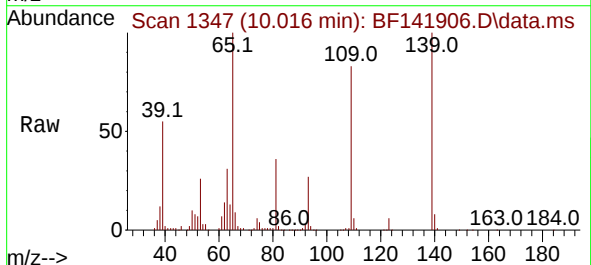
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

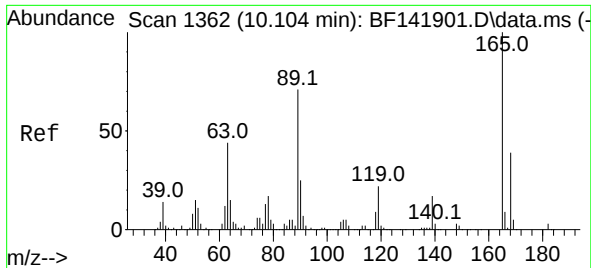
Tgt Ion:168 Resp: 1540381
Ion Ratio Lower Upper
168 100
139 42.2 33.9 50.9
169 13.8 11.0 16.4



#56
4-Nitrophenol
Concen: 39.425 ng
RT: 10.016 min Scan# 1347
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:139 Resp: 212462
Ion Ratio Lower Upper
139 100
109 83.2 61.6 101.6
65 100.4 79.4 119.4

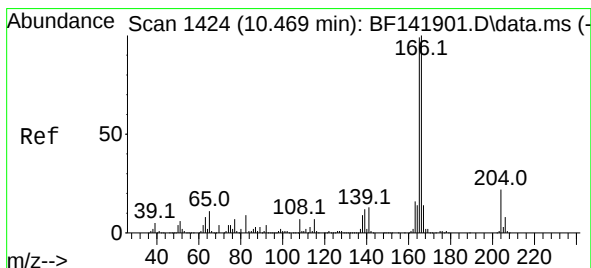
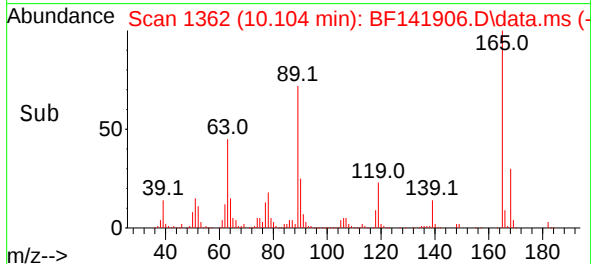
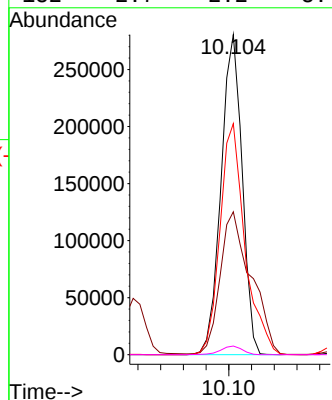
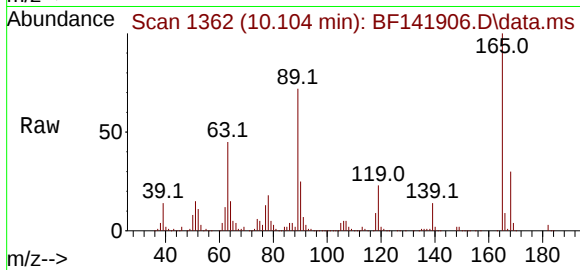




#57
2,4-Dinitrotoluene
Concen: 39.291 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

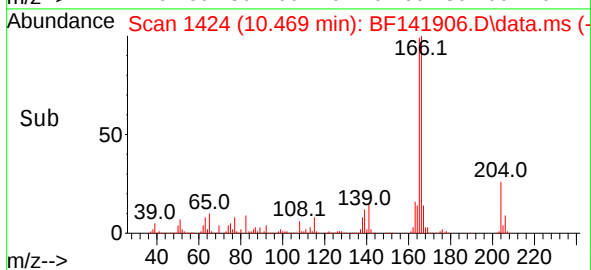
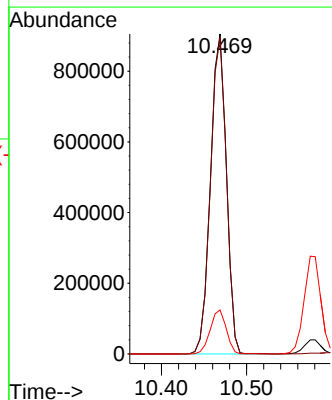
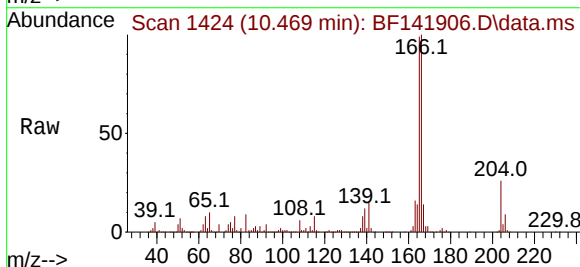
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

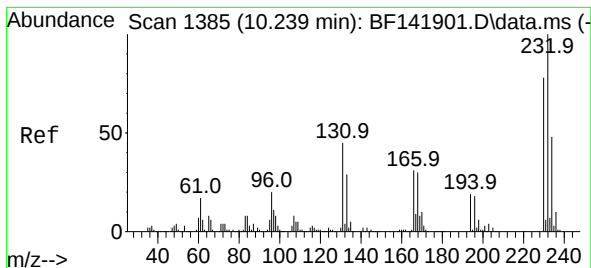
Tgt Ion:165 Resp: 361518
Ion Ratio Lower Upper
165 100
63 44.7 35.4 53.2
89 72.2 56.6 84.8
182 2.7 2.2 3.4



#58
Fluorene
Concen: 37.381 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:166 Resp: 1175392
Ion Ratio Lower Upper
166 100
165 98.8 79.0 118.4
167 13.8 11.0 16.4

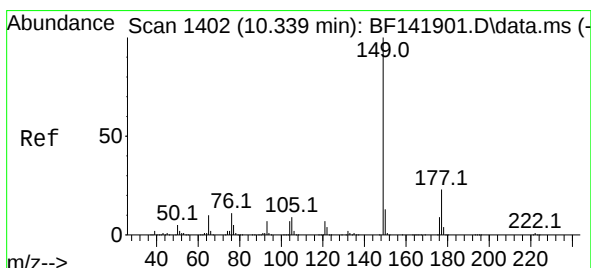
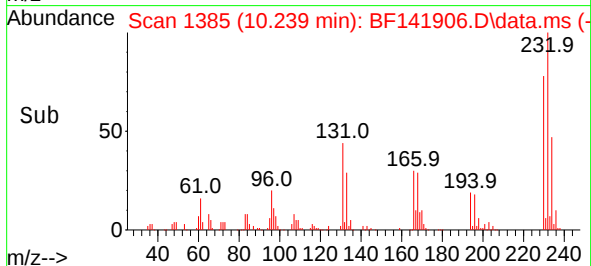
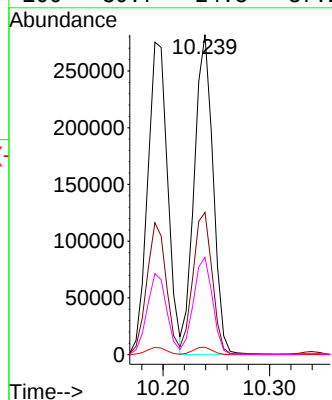
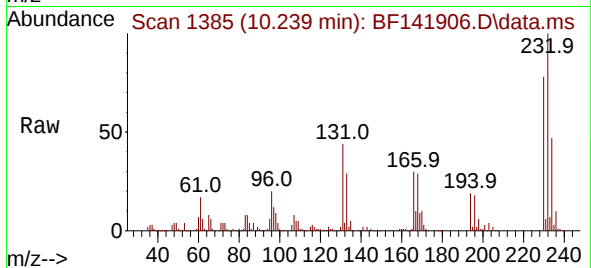




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.070 ng
RT: 10.239 min Scan# 1385
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

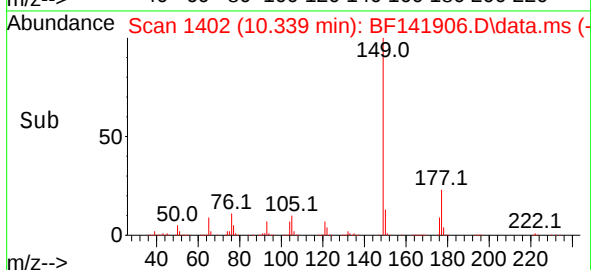
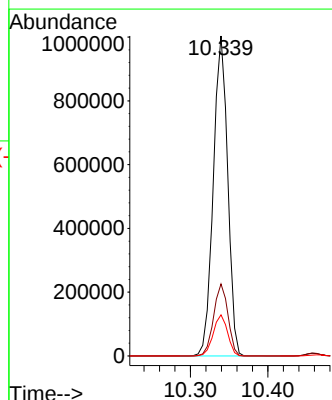
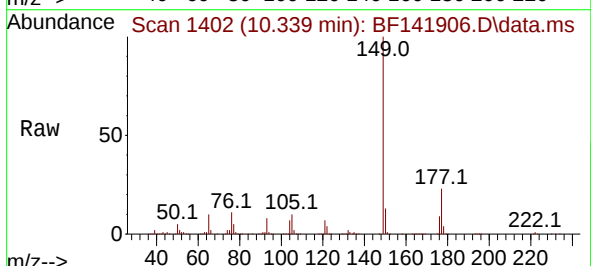
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

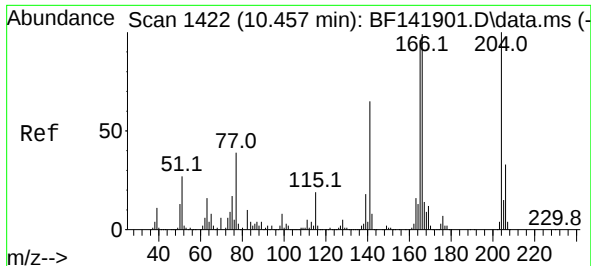
Tgt Ion:232 Resp: 346168
Ion Ratio Lower Upper
232 100
131 45.8 37.3 55.9
130 2.4 1.9 2.9
166 30.7 24.8 37.2



#60
Diethylphthalate
Concen: 38.337 ng
RT: 10.339 min Scan# 1402
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:149 Resp: 1293401
Ion Ratio Lower Upper
149 100
177 22.5 18.0 27.0
150 12.8 10.2 15.4

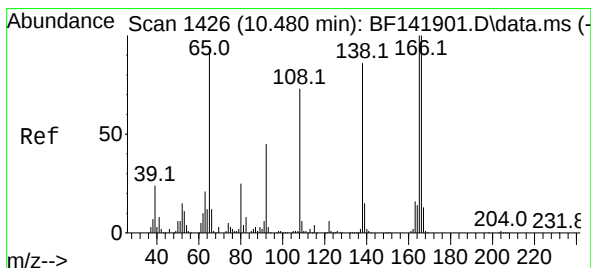
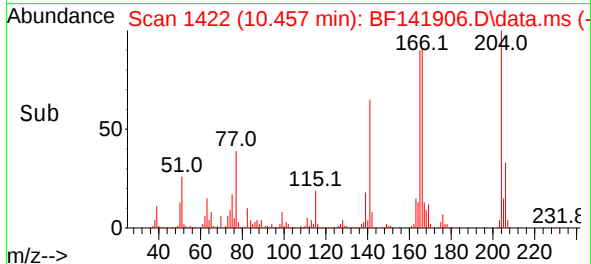
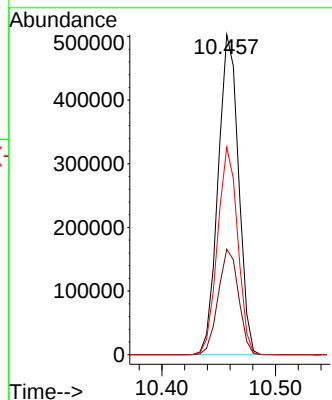
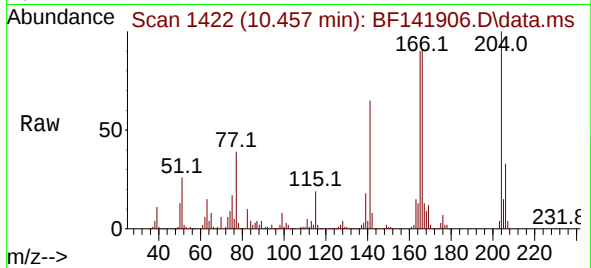




#61
4-Chlorophenyl-phenylether
Concen: 38.272 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

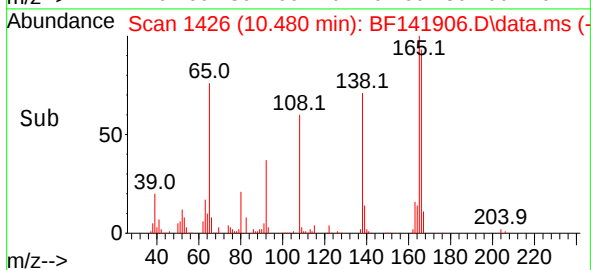
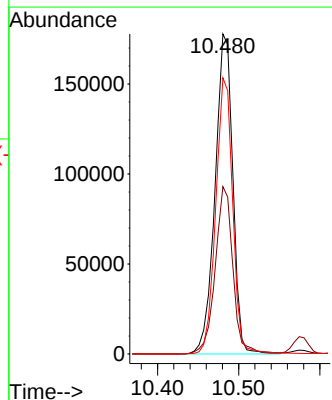
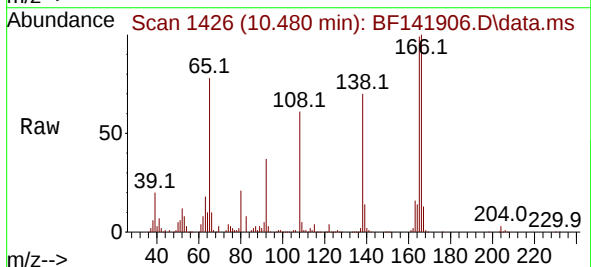
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

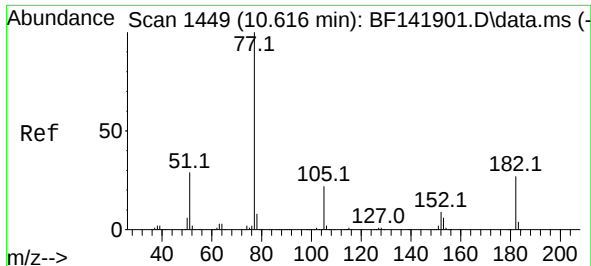
Tgt Ion:204 Resp: 627404
Ion Ratio Lower Upper
204 100
206 33.0 26.8 40.2
141 64.8 52.4 78.6



#62
4-Nitroaniline
Concen: 38.953 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:138 Resp: 270993
Ion Ratio Lower Upper
138 100
92 52.3 32.6 72.6
108 86.3 65.0 105.0



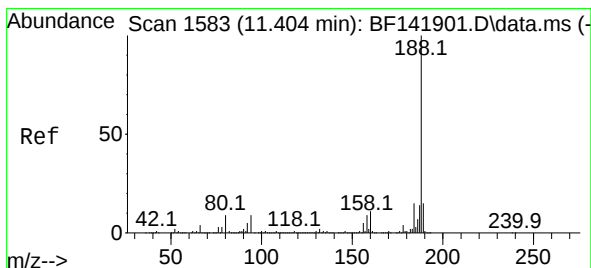
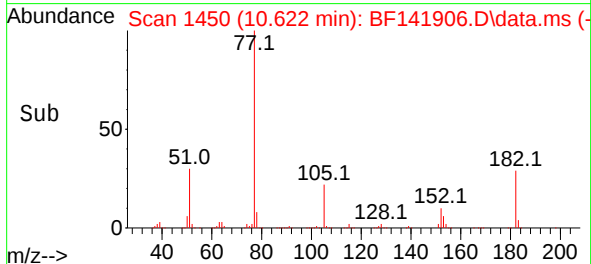
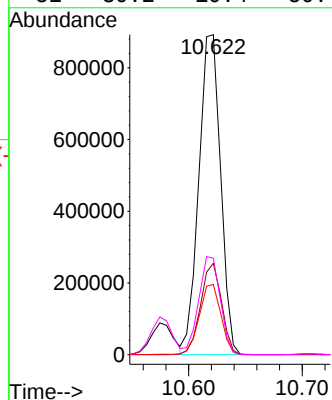
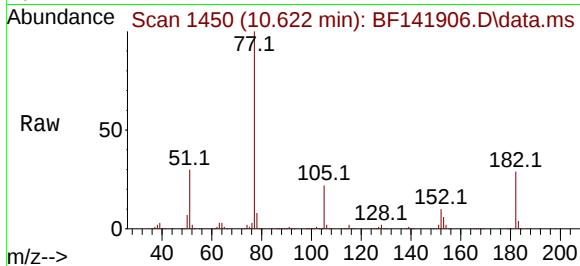


#63
Azobenzene
Concen: 37.911 ng
RT: 10.622 min Scan# 1449
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion: 77 Resp: 1189121

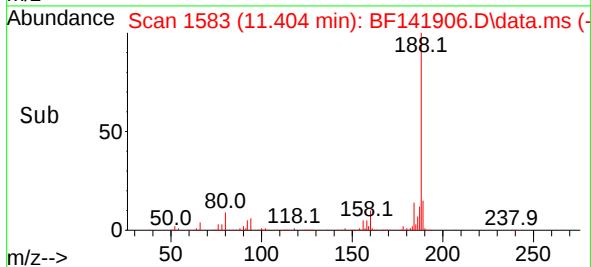
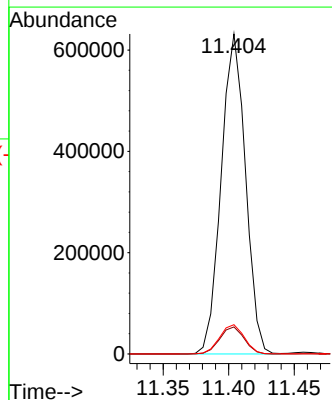
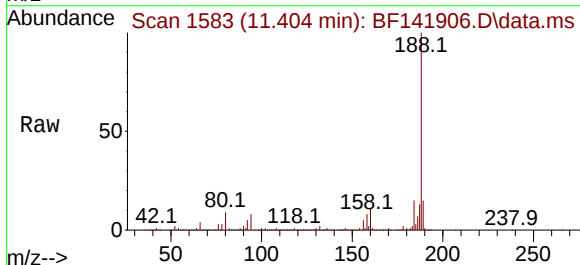
Ion	Ratio	Lower	Upper
77	100		
182	28.5	6.6	46.6
105	22.0	1.3	41.3
51	30.2	10.4	50.4

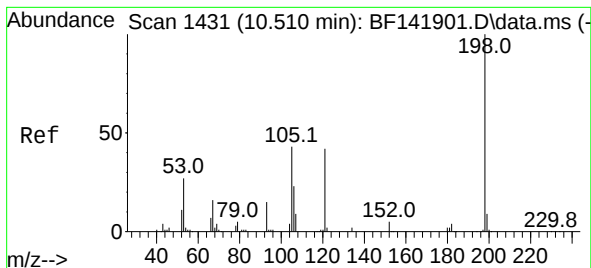


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 1583
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion: 188 Resp: 813672

Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.8	10.2
80	9.1	7.6	11.4

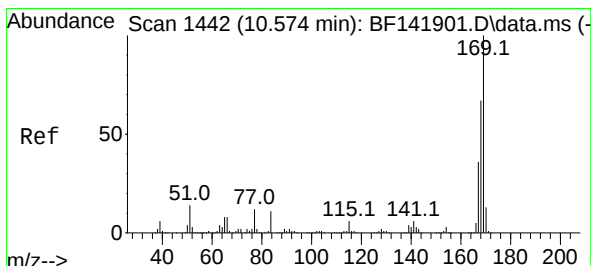
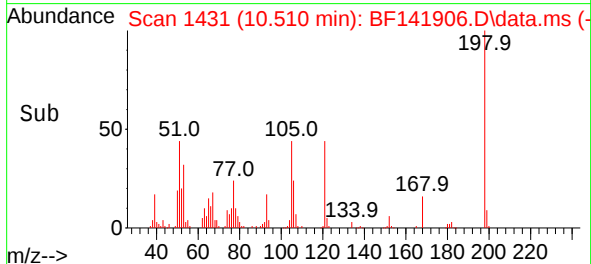
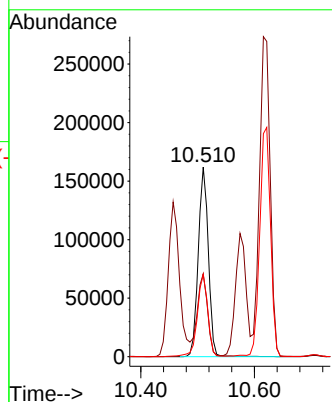
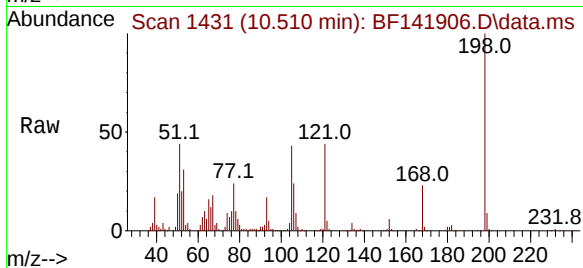




#65
4,6-Dinitro-2-methylphenol
Concen: 41.415 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

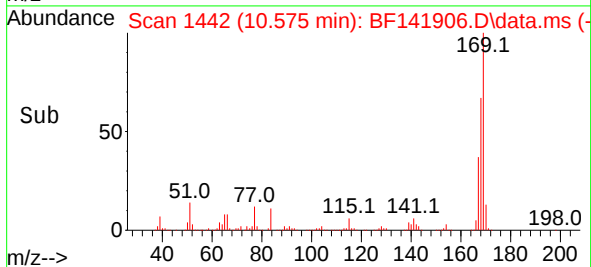
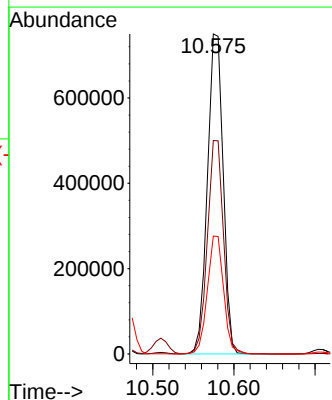
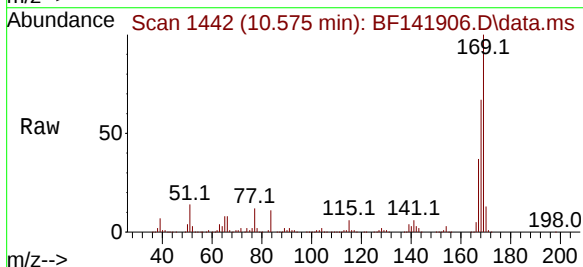
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

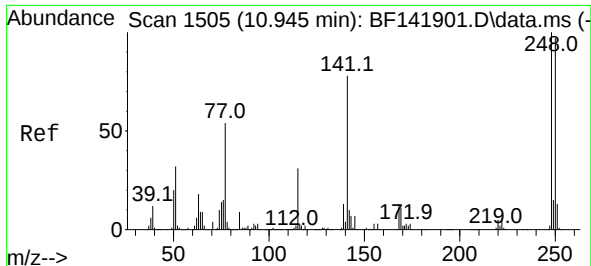
Tgt Ion:198 Resp: 200888
Ion Ratio Lower Upper
198 100
51 43.7 22.3 62.3
105 43.4 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 38.283 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:169 Resp: 1008029
Ion Ratio Lower Upper
169 100
168 66.7 53.7 80.5
167 36.9 29.2 43.8

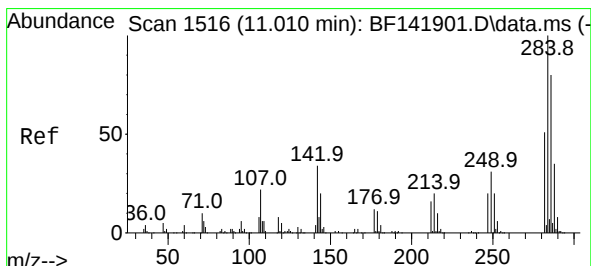
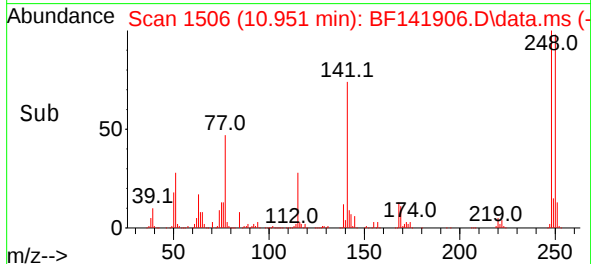
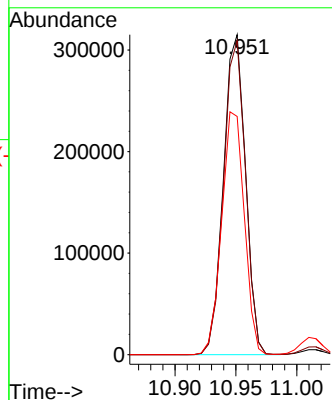
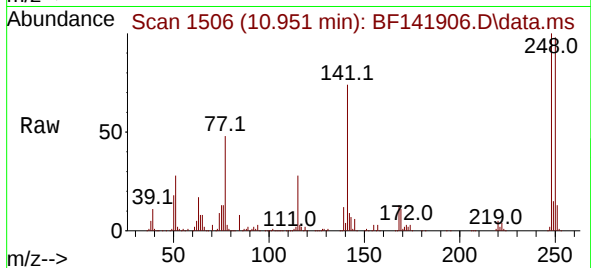




#67
4-Bromophenyl-phenylether
Concen: 39.015 ng
RT: 10.951 min Scan# 1506
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

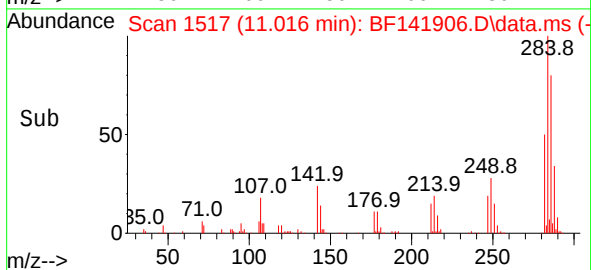
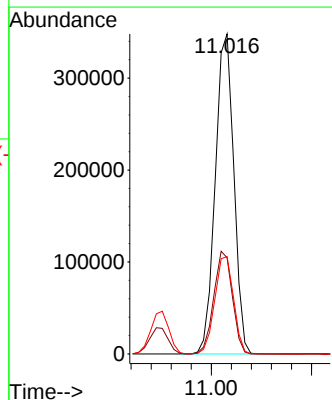
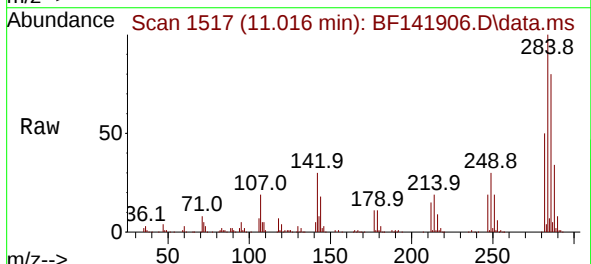
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

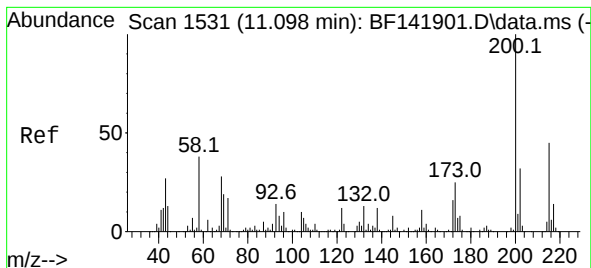
Tgt Ion:248 Resp: 398683
Ion Ratio Lower Upper
248 100
250 98.1 77.8 116.8
141 74.4 62.6 93.8



#68
Hexachlorobenzene
Concen: 39.789 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:284 Resp: 445938
Ion Ratio Lower Upper
284 100
142 30.0 27.0 40.6
249 30.5 25.2 37.8





#69

Atrazine

Concen: 31.945 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

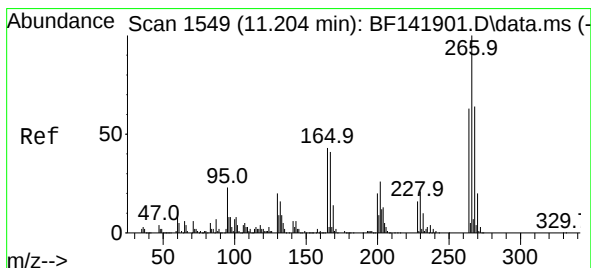
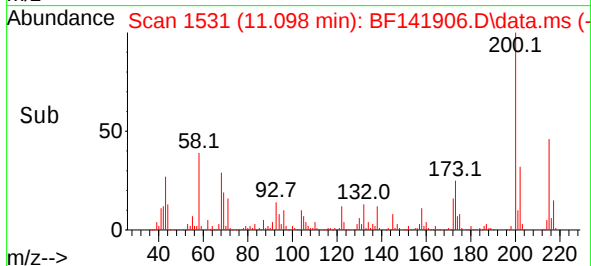
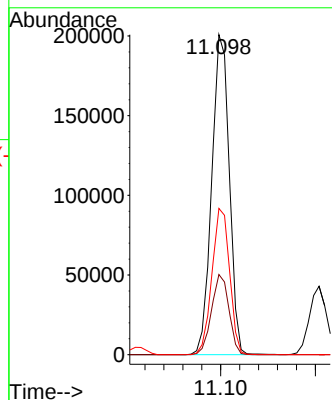
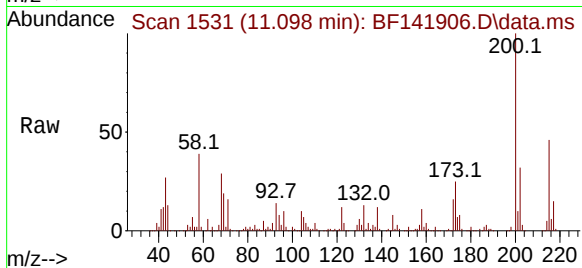
Tgt Ion:200 Resp: 257856

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 41.955 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

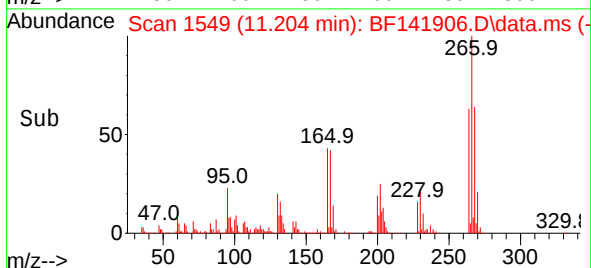
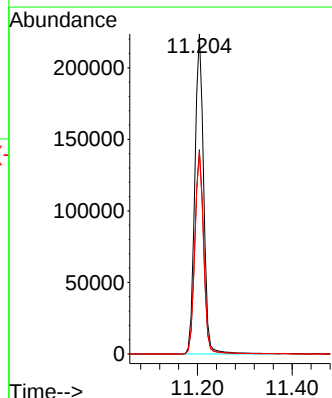
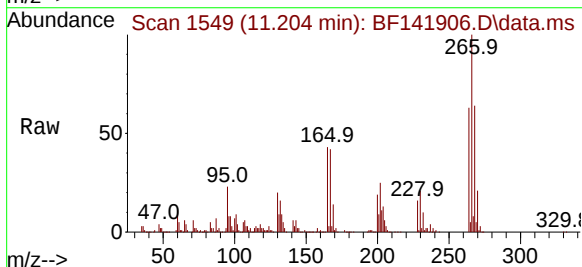
Tgt Ion:266 Resp: 289713

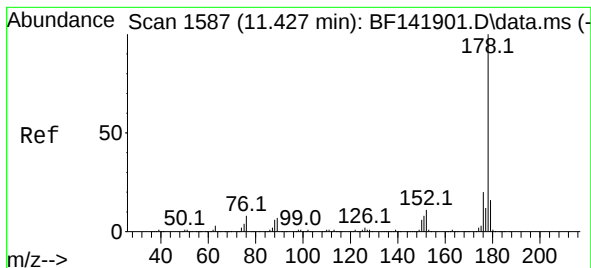
Ion Ratio Lower Upper

266 100

268 63.8 51.0 76.6

264 62.9 50.2 75.2





#71

Phenanthrene

Concen: 38.357 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

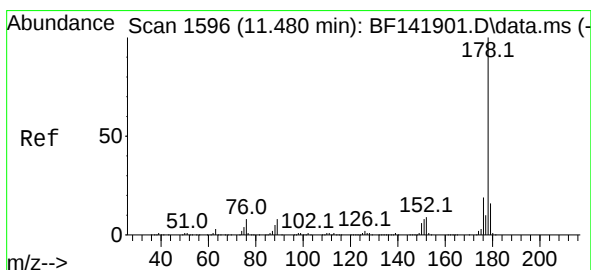
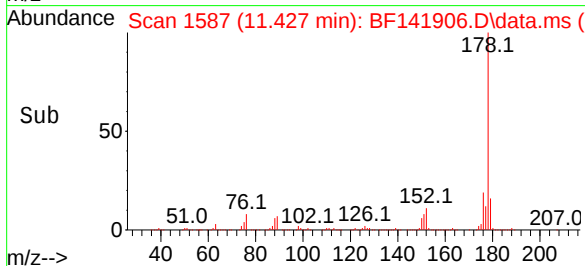
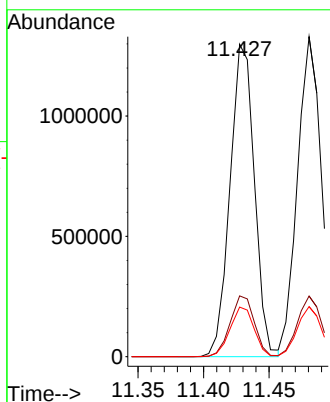
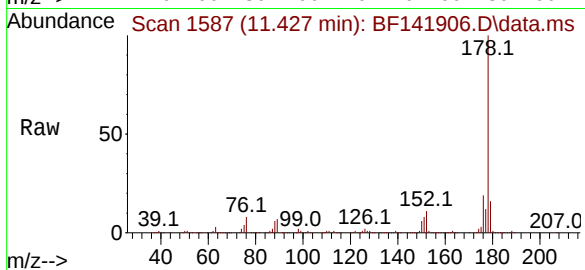
Tgt Ion:178 Resp: 1685770

Ion Ratio Lower Upper

178 100

176 19.5 15.8 23.8

179 15.9 12.6 19.0



#72

Anthracene

Concen: 37.991 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

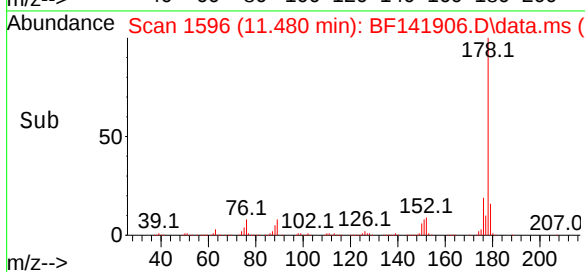
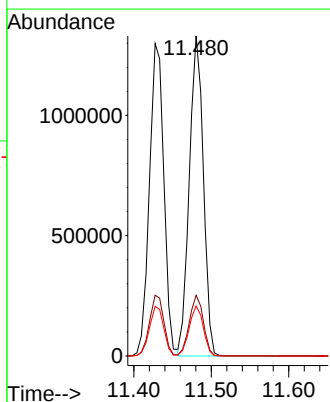
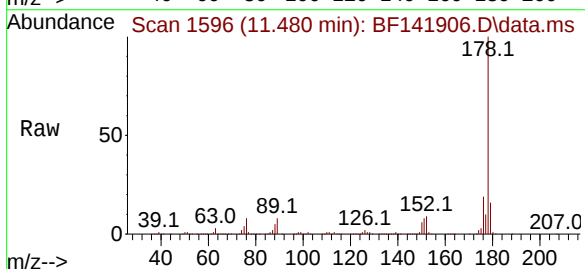
Tgt Ion:178 Resp: 1675103

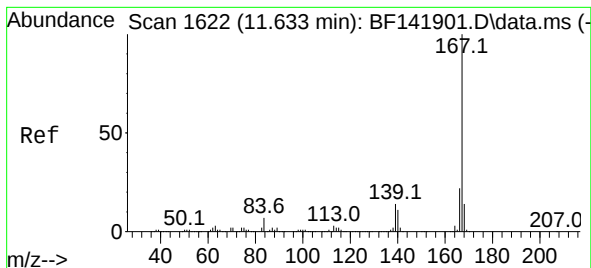
Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

179 15.7 12.6 19.0





#73

Carbazole

Concen: 38.167 ng

RT: 11.633 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

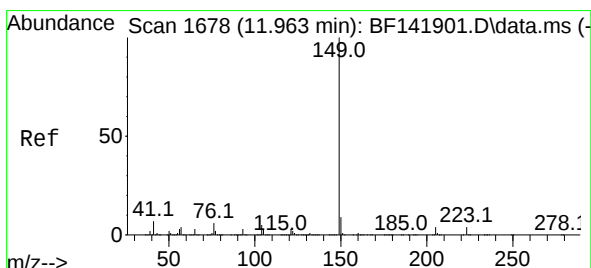
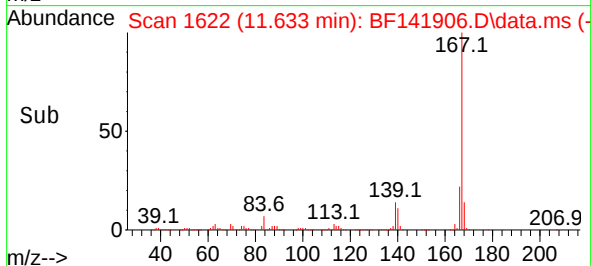
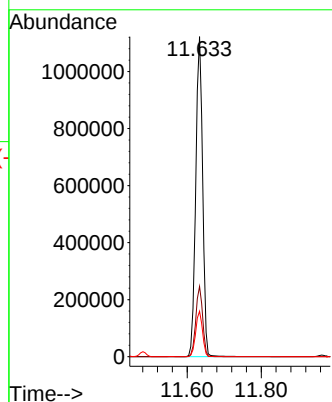
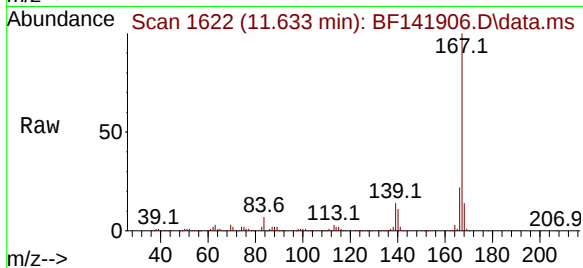
Tgt Ion:167 Resp: 1451333

Ion Ratio Lower Upper

167 100

166 22.0 17.4 26.2

139 14.2 11.0 16.6



#74

Di-n-butylphthalate

Concen: 38.717 ng

RT: 11.963 min Scan# 1678

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

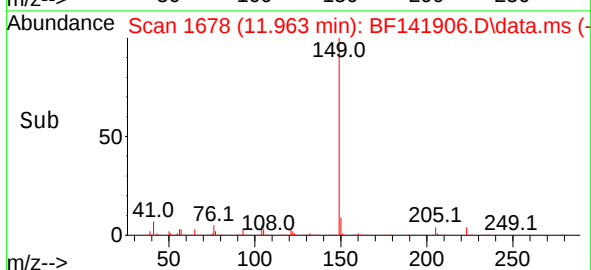
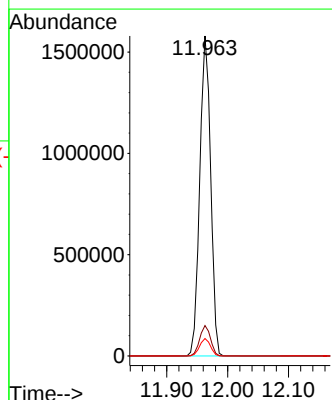
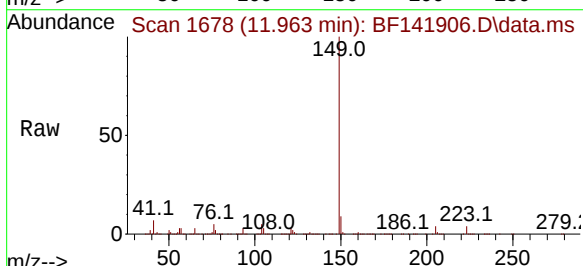
Tgt Ion:149 Resp: 1953516

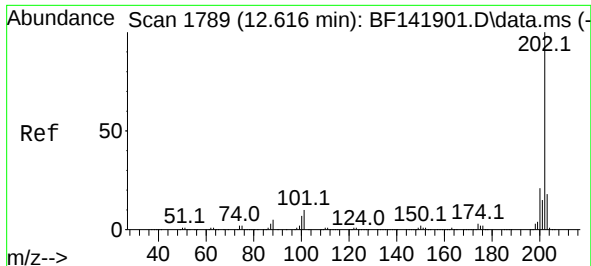
Ion Ratio Lower Upper

149 100

150 9.5 7.6 11.4

104 5.5 4.4 6.6

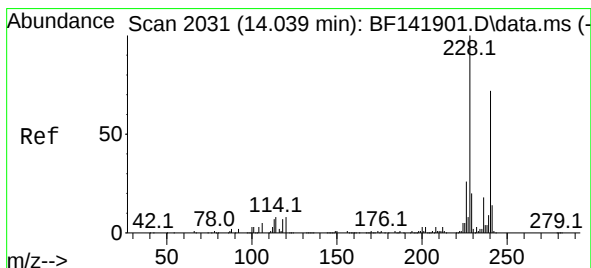
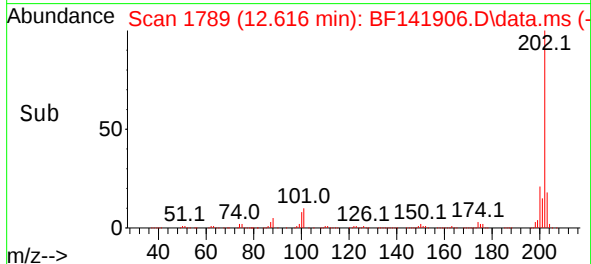
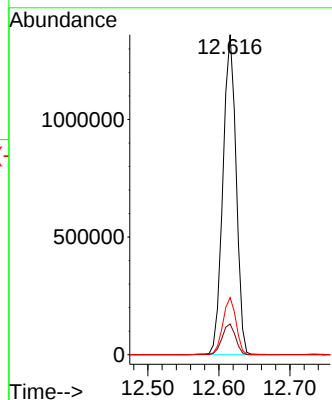
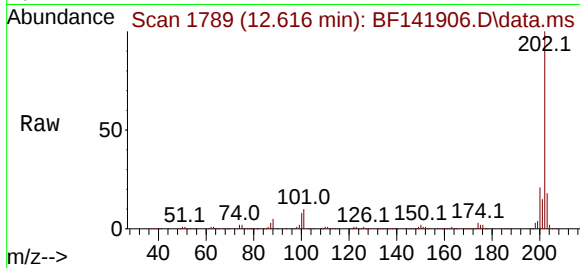




#75
Fluoranthene
Concen: 37.545 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

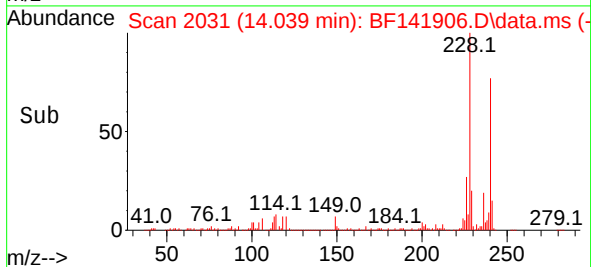
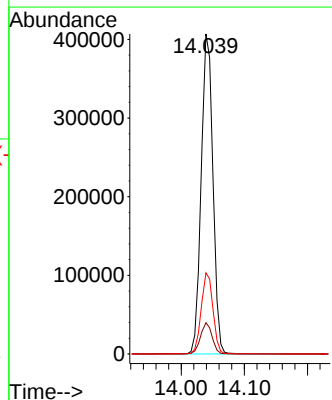
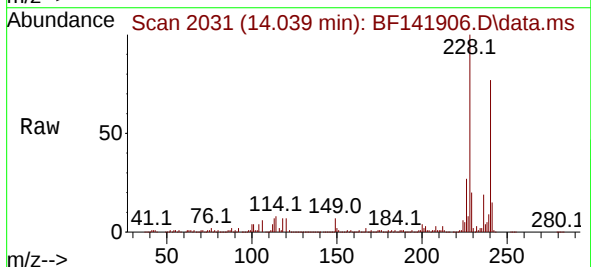
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

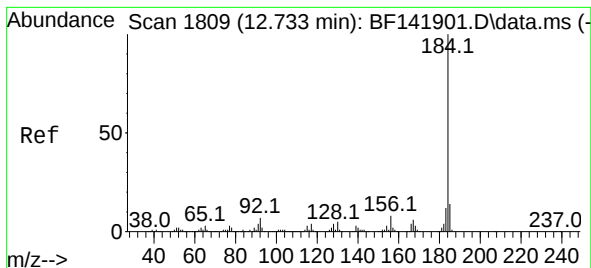
Tgt Ion:202 Resp: 1750317
Ion Ratio Lower Upper
202 100
101 9.6 0.0 29.7
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 2031
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:240 Resp: 523890
Ion Ratio Lower Upper
240 100
120 9.8 8.4 12.6
236 25.3 20.5 30.7





#77

Benzidine

Concen: 57.513 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

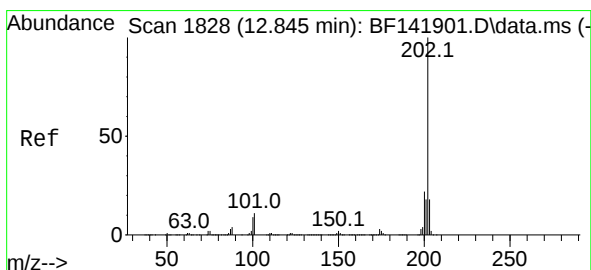
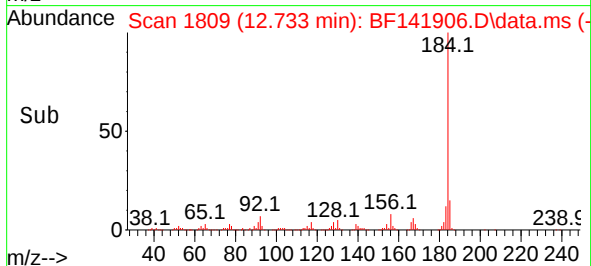
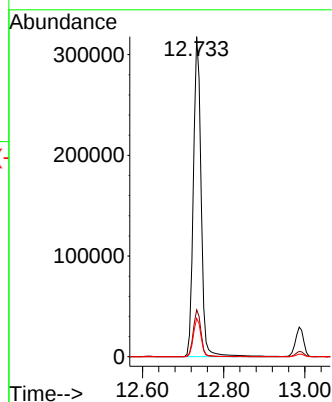
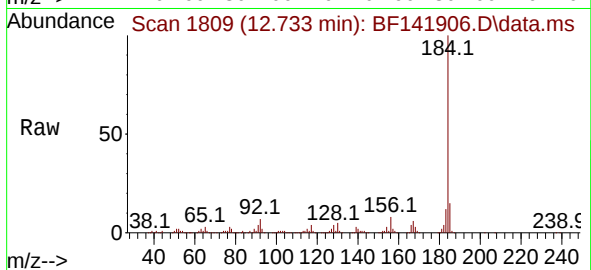
Tgt Ion:184 Resp: 420377

Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 12.0 9.7 14.5



#78

Pyrene

Concen: 38.539 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

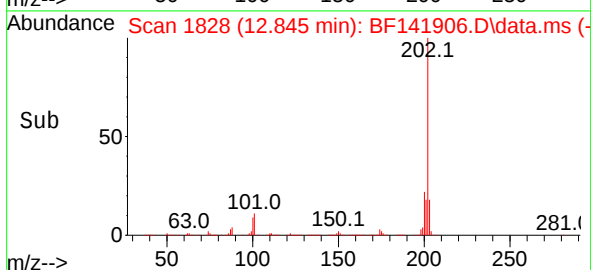
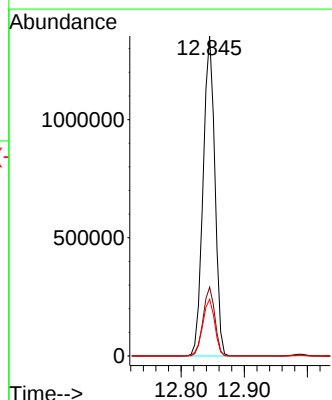
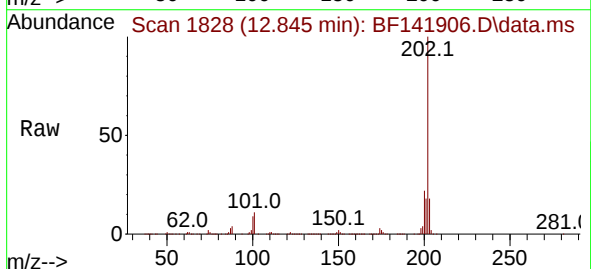
Tgt Ion:202 Resp: 1746456

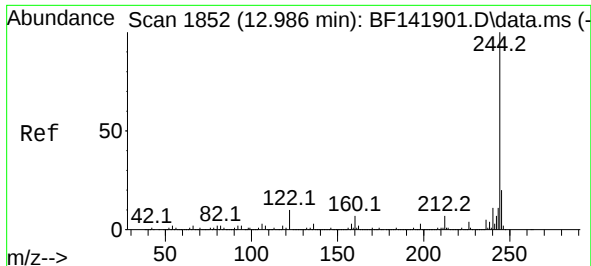
Ion Ratio Lower Upper

202 100

200 21.5 17.3 25.9

203 17.7 14.4 21.6





#79

Terphenyl-d14

Concen: 79.748 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

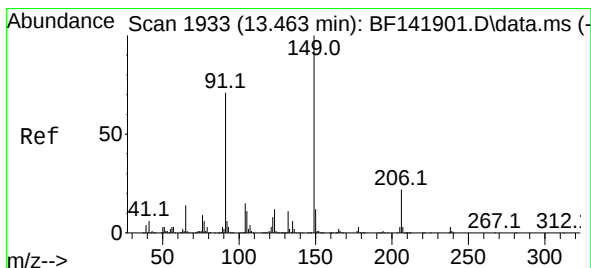
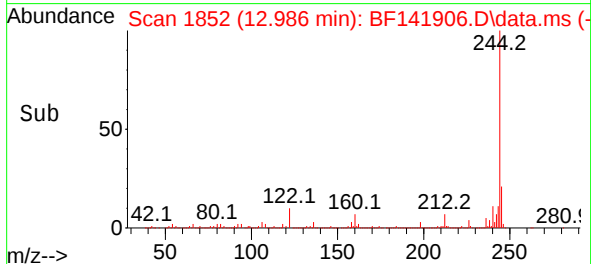
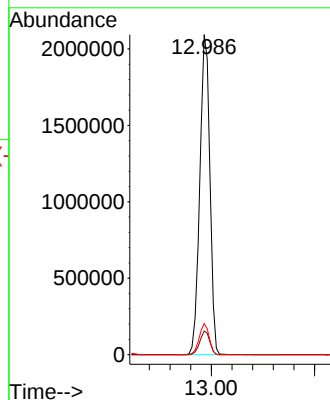
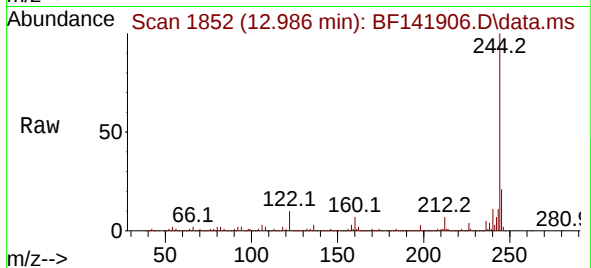
Tgt Ion:244 Resp: 2825870

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 9.7 7.7 11.5



#80

Butylbenzylphthalate

Concen: 40.778 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

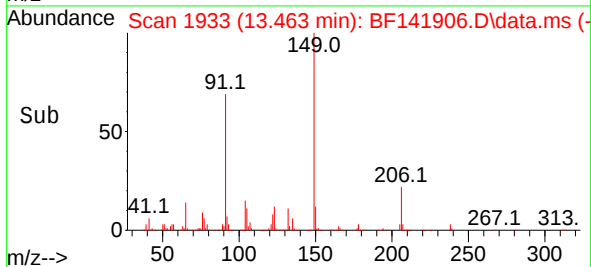
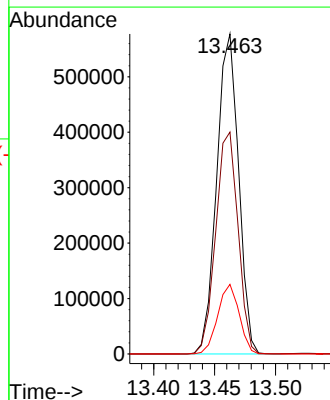
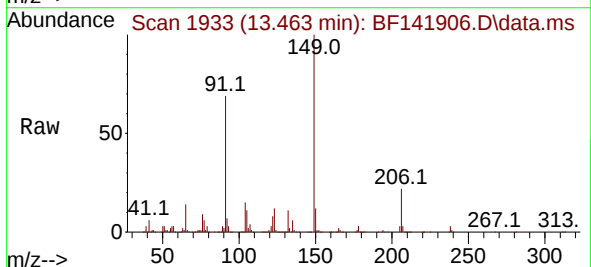
Tgt Ion:149 Resp: 723288

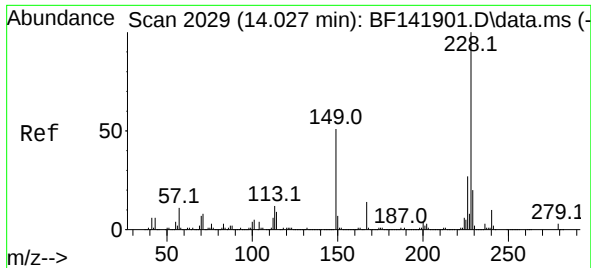
Ion Ratio Lower Upper

149 100

91 69.3 56.5 84.7

206 21.8 17.3 25.9

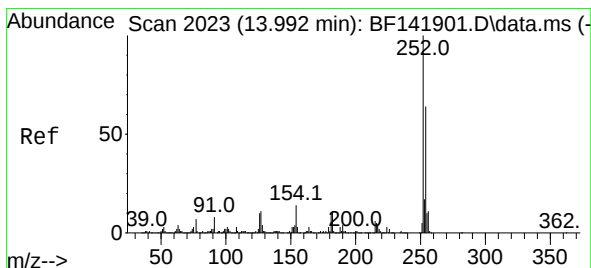
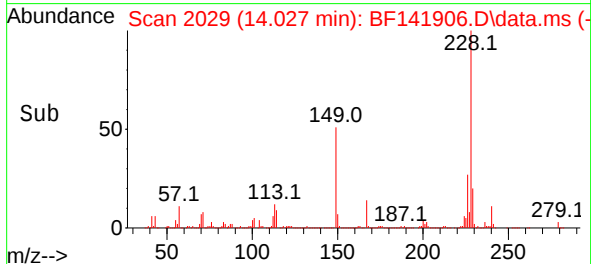
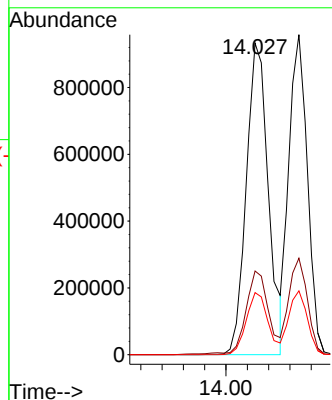
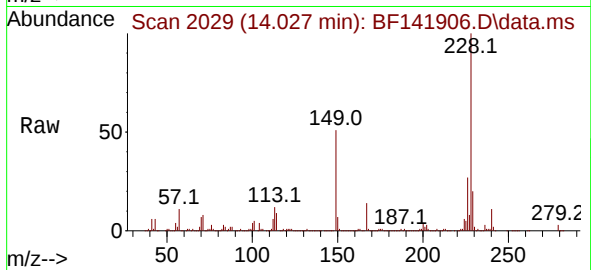




#81
Benzo(a)anthracene
Concen: 39.211 ng
RT: 14.027 min Scan# 2029
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

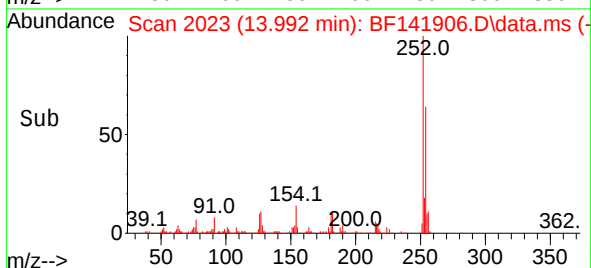
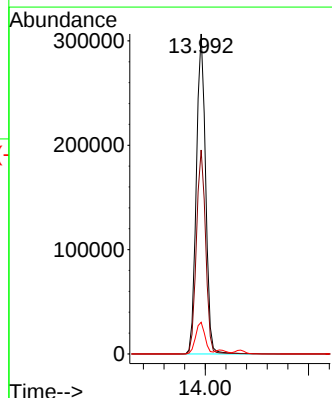
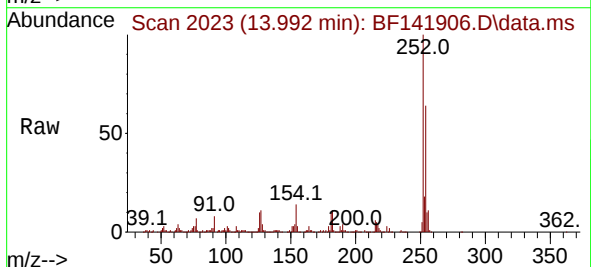
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

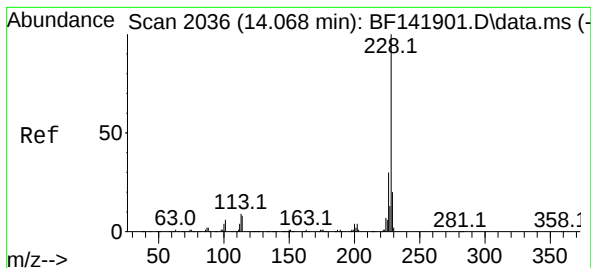
Tgt Ion:228 Resp: 1347977
Ion Ratio Lower Upper
228 100
226 26.9 21.8 32.8
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 38.337 ng
RT: 13.992 min Scan# 2023
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 380866
Ion Ratio Lower Upper
252 100
254 63.8 51.0 76.6
126 9.9 8.4 12.6





#83

Chrysene

Concen: 37.195 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

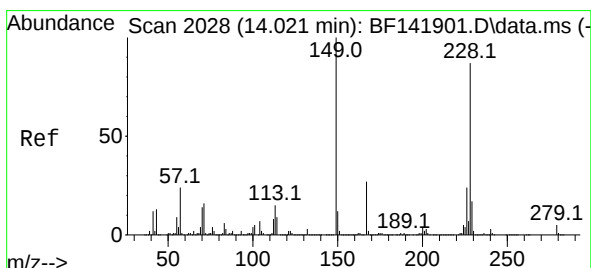
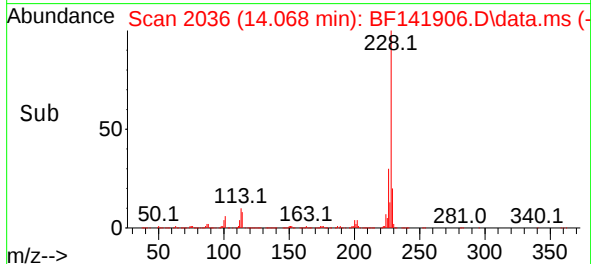
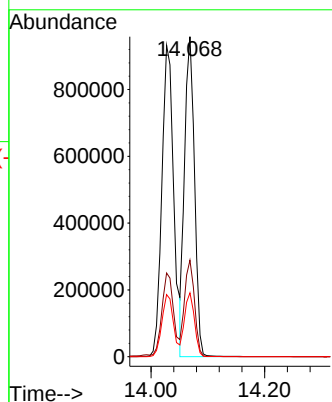
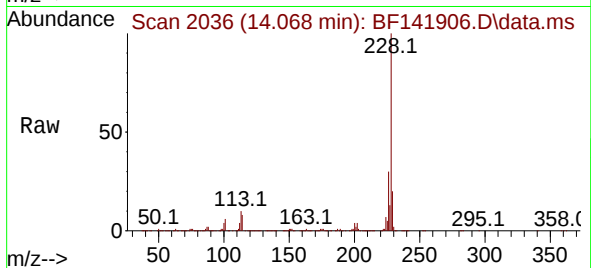
Tgt Ion:228 Resp: 1159074

Ion Ratio Lower Upper

228 100

226 30.2 24.1 36.1

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.142 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

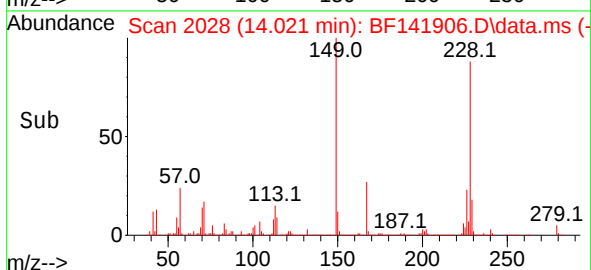
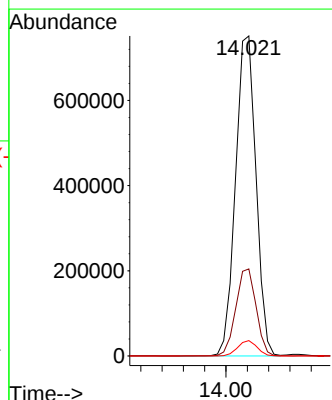
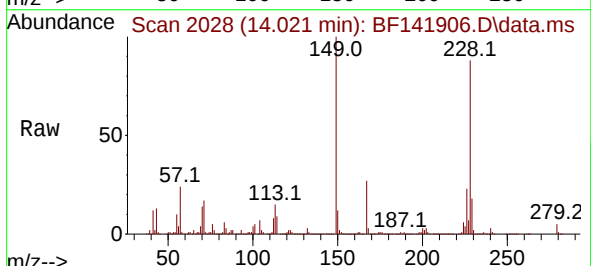
Tgt Ion:149 Resp: 1006170

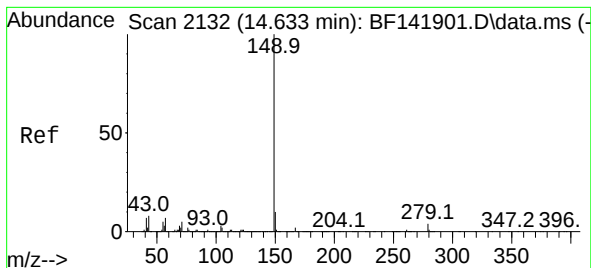
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 40.971 ng

RT: 14.633 min Scan# 2132

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

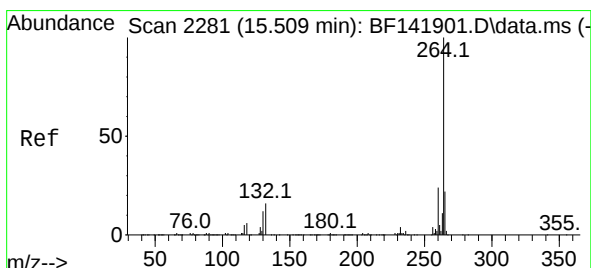
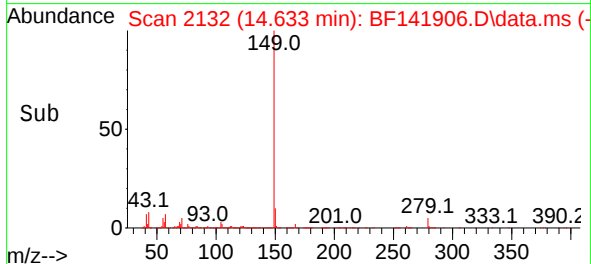
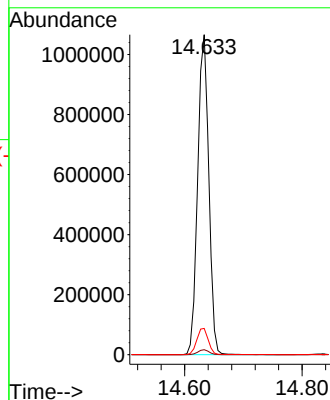
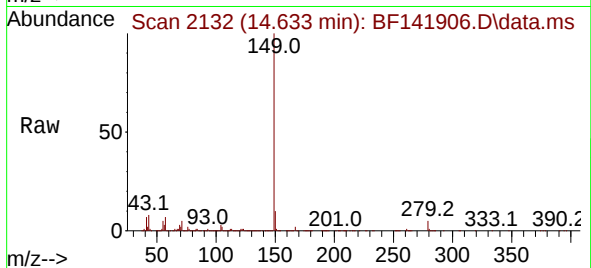
Tgt Ion:149 Resp: 1394136

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 8.5 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

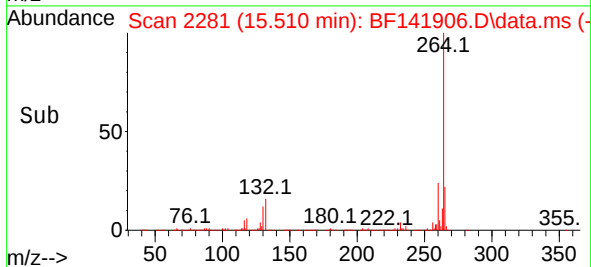
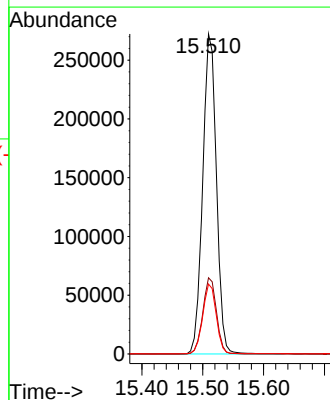
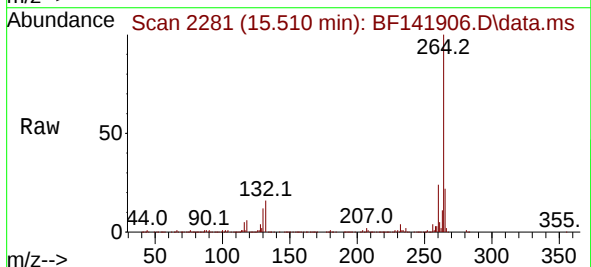
Tgt Ion:264 Resp: 426422

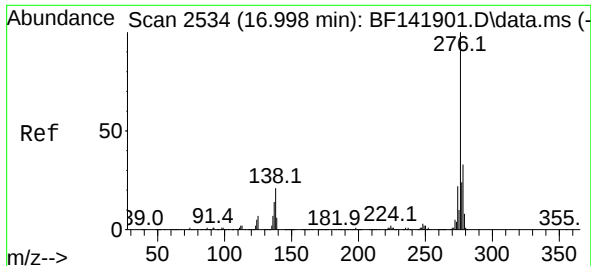
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 21.8 17.5 26.3

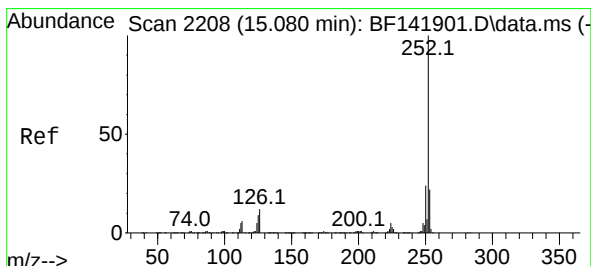
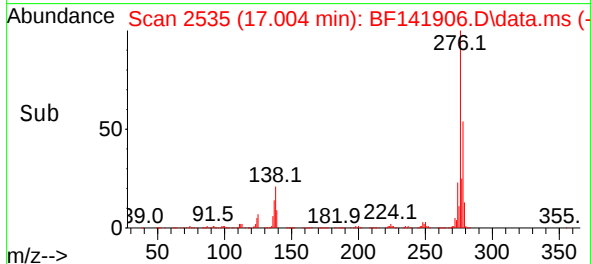
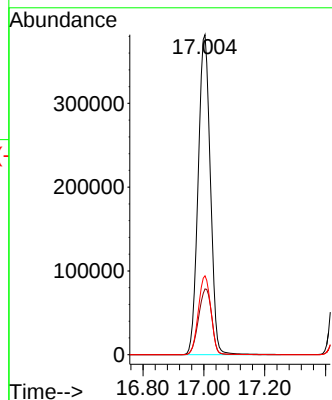
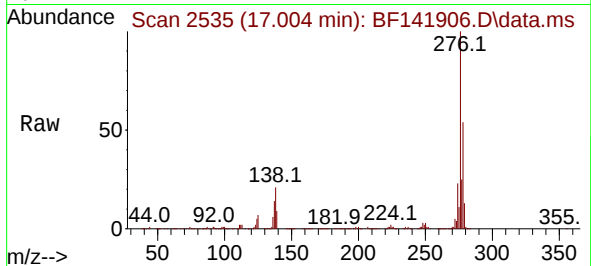




#87
Indeno(1,2,3-cd)pyrene
Concen: 38.467 ng
RT: 17.004 min Scan# 2535
Delta R.T. 0.006 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

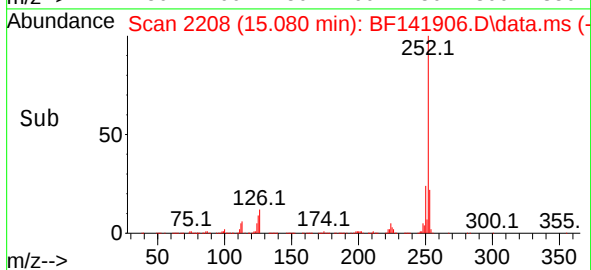
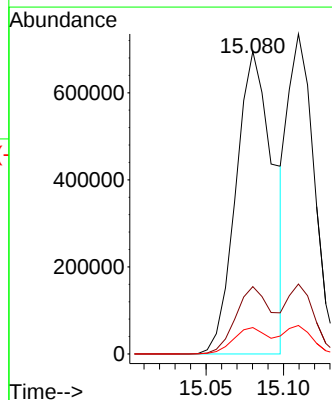
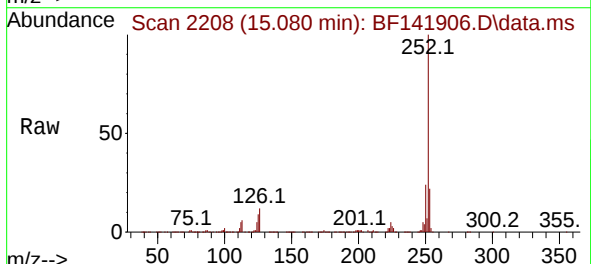
Instrument :
BNA_F
ClientSampleId :
ICVBF031025

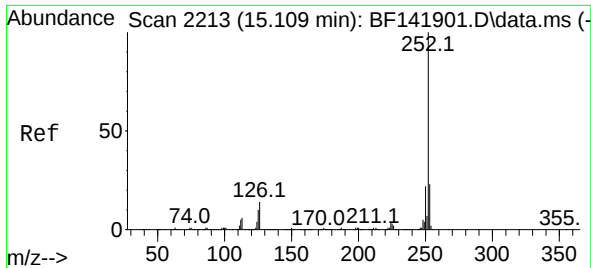
Tgt Ion:276 Resp: 1061096
Ion Ratio Lower Upper
276 100
138 22.2 18.4 27.6
277 25.3 20.3 30.5



#88
Benzo(b)fluoranthene
Concen: 39.906 ng
RT: 15.080 min Scan# 2208
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:252 Resp: 1166263
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 34.765 ng

RT: 15.110 min Scan# 2213

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

Instrument :

BNA_F

ClientSampleId :

ICVBF031025

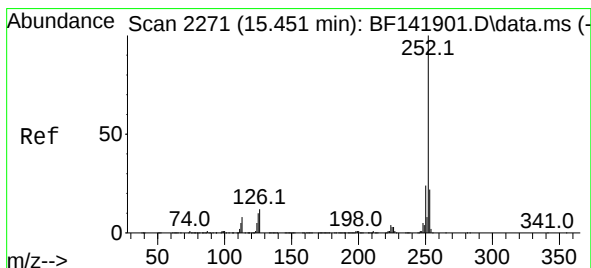
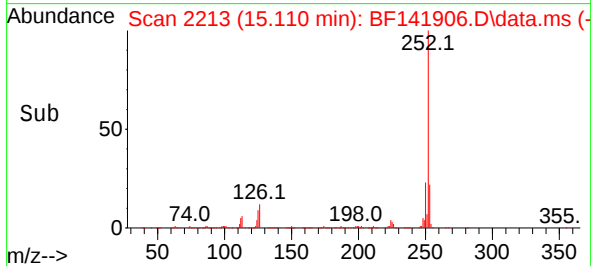
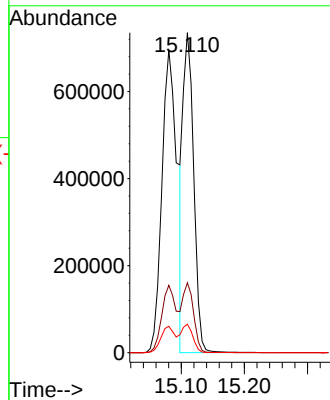
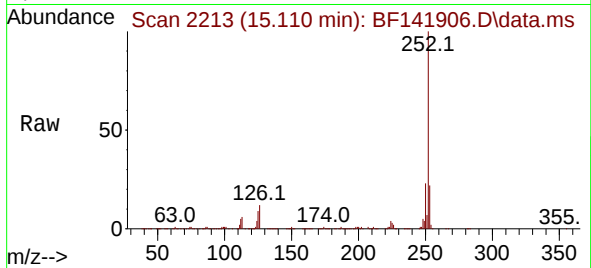
Tgt Ion:252 Resp: 869471

Ion Ratio Lower Upper

252 100

253 21.9 17.7 26.5

125 8.9 7.2 10.8



#90

Benzo(a)pyrene

Concen: 38.612 ng

RT: 15.451 min Scan# 2271

Delta R.T. 0.000 min

Lab File: BF141906.D

Acq: 10 Mar 2025 15:53

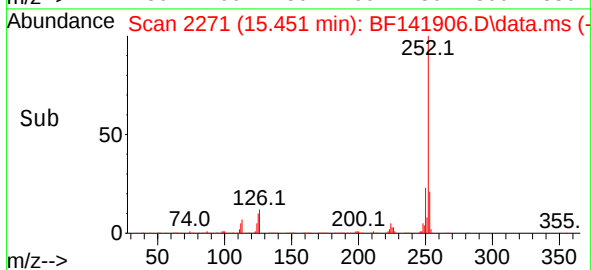
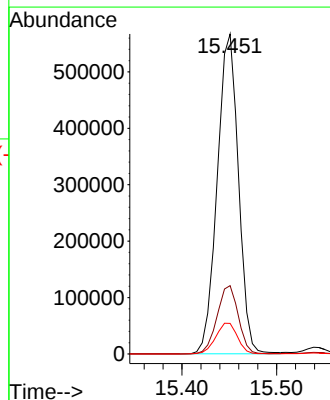
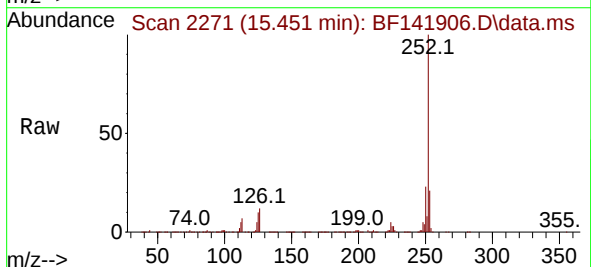
Tgt Ion:252 Resp: 882967

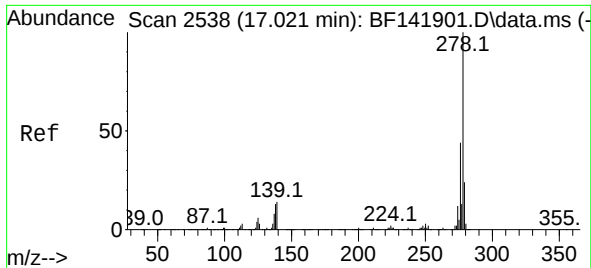
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.0

125 9.6 7.8 11.8

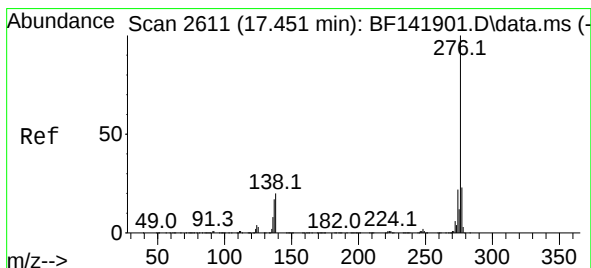
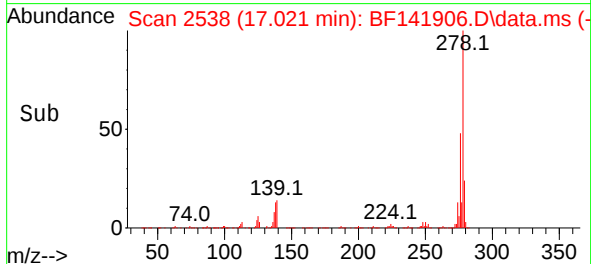
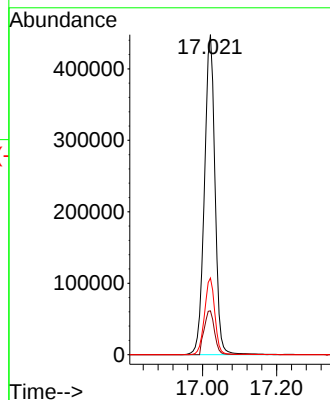
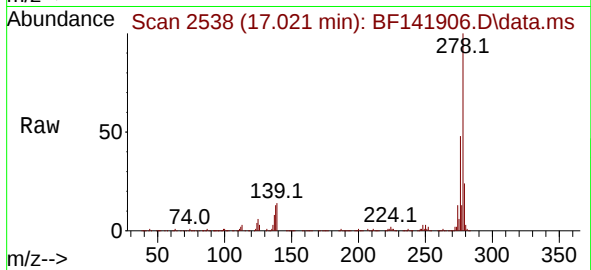




#91
Dibenzo(a,h)anthracene
Concen: 38.931 ng
RT: 17.021 min Scan# 2538
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Instrument :
BNA_F
ClientSampleId :
ICVBF031025

Tgt Ion:278 Resp: 886038
Ion Ratio Lower Upper
278 100
139 13.7 11.4 17.2
279 23.9 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 38.051 ng
RT: 17.451 min Scan# 2611
Delta R.T. 0.000 min
Lab File: BF141906.D
Acq: 10 Mar 2025 15:53

Tgt Ion:276 Resp: 855812
Ion Ratio Lower Upper
276 100
277 23.3 18.7 28.1
138 18.7 15.8 23.8

