

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030425\
 Data File : BF141826.D
 Acq On : 04 Mar 2025 14:44
 Operator : RC/JU
 Sample : PB166957BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166957BS

Quant Time: Mar 04 15:06:47 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022725.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 28 01:48:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	309118	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	1216990	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	647778	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	1070678	20.000	ng	0.00
76) Chrysene-d12	14.045	240	723159	20.000	ng	0.00
86) Perylene-d12	15.509	264	587091	20.000	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	2428234	125.449	ng	0.02
7) Phenol-d6	6.510	99	3110955	123.480	ng	0.00
23) Nitrobenzene-d5	7.445	82	1985045	104.261	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	891755	146.635	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	3638167	90.056	ng	0.00
79) Terphenyl-d14	12.992	244	3981121	89.069	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.810	88	343919	39.158	ng	99
3) Pyridine	3.563	79	850208	38.906	ng	99
4) n-Nitrosodimethylamine	3.504	42	451717	42.961	ng	94
6) Aniline	6.551	93	867546	33.122	ng	100
8) 2-Chlorophenol	6.669	128	900005	42.982	ng	98
9) Benzaldehyde	6.434	77	363128	24.779	ng	99
10) Phenol	6.522	94	1102271	40.943	ng	97
11) bis(2-Chloroethyl)ether	6.622	93	848479	41.346	ng	99
12) 1,3-Dichlorobenzene	6.828	146	927514	41.363	ng	100
13) 1,4-Dichlorobenzene	6.904	146	940287	41.616	ng	99
14) 1,2-Dichlorobenzene	7.057	146	908206	43.046	ng	99
15) Benzyl Alcohol	7.022	79	806132	40.036	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	1285320	41.242	ng	99
17) 2-Methylphenol	7.134	107	738248	42.714	ng	99
18) Hexachloroethane	7.398	117	351592	41.576	ng	99
19) n-Nitroso-di-n-propyla...	7.298	70	648751	39.172	ng	98
20) 3+4-Methylphenols	7.287	107	897325	41.694	ng	# 82
22) Acetophenone	7.292	105	1326666	44.759	ng	97
24) Nitrobenzene	7.469	77	938224	46.018	ng	100
25) Isophorone	7.704	82	1752788	42.852	ng	100
26) 2-Nitrophenol	7.781	139	410123	45.311	ng	99
27) 2,4-Dimethylphenol	7.810	122	785686	52.255	ng	100
28) bis(2-Chloroethoxy)met...	7.916	93	1057325	40.523	ng	100
29) 2,4-Dichlorophenol	8.016	162	740307	42.679	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	793857	41.766	ng	99
31) Naphthalene	8.186	128	2527358	40.407	ng	100
32) Benzoic acid	7.934	122	600862	47.899	ng	97
33) 4-Chloroaniline	8.233	127	345693	15.073	ng	99
34) Hexachlorobutadiene	8.304	225	491553	41.617	ng	98
35) Caprolactam	8.604	113	133716	25.059	ng	96
36) 4-Chloro-3-methylphenol	8.710	107	794276	41.221	ng	98
37) 2-Methylnaphthalene	8.881	142	1606734	39.163	ng	100
38) 1-Methylnaphthalene	8.980	142	1574965	40.008	ng	99
40) 1,2,4,5-Tetrachloroben...	9.045	216	853302	45.610	ng	99
41) Hexachlorocyclopentadiene	9.033	237	1098585	140.707	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	538491	44.559	ng	100

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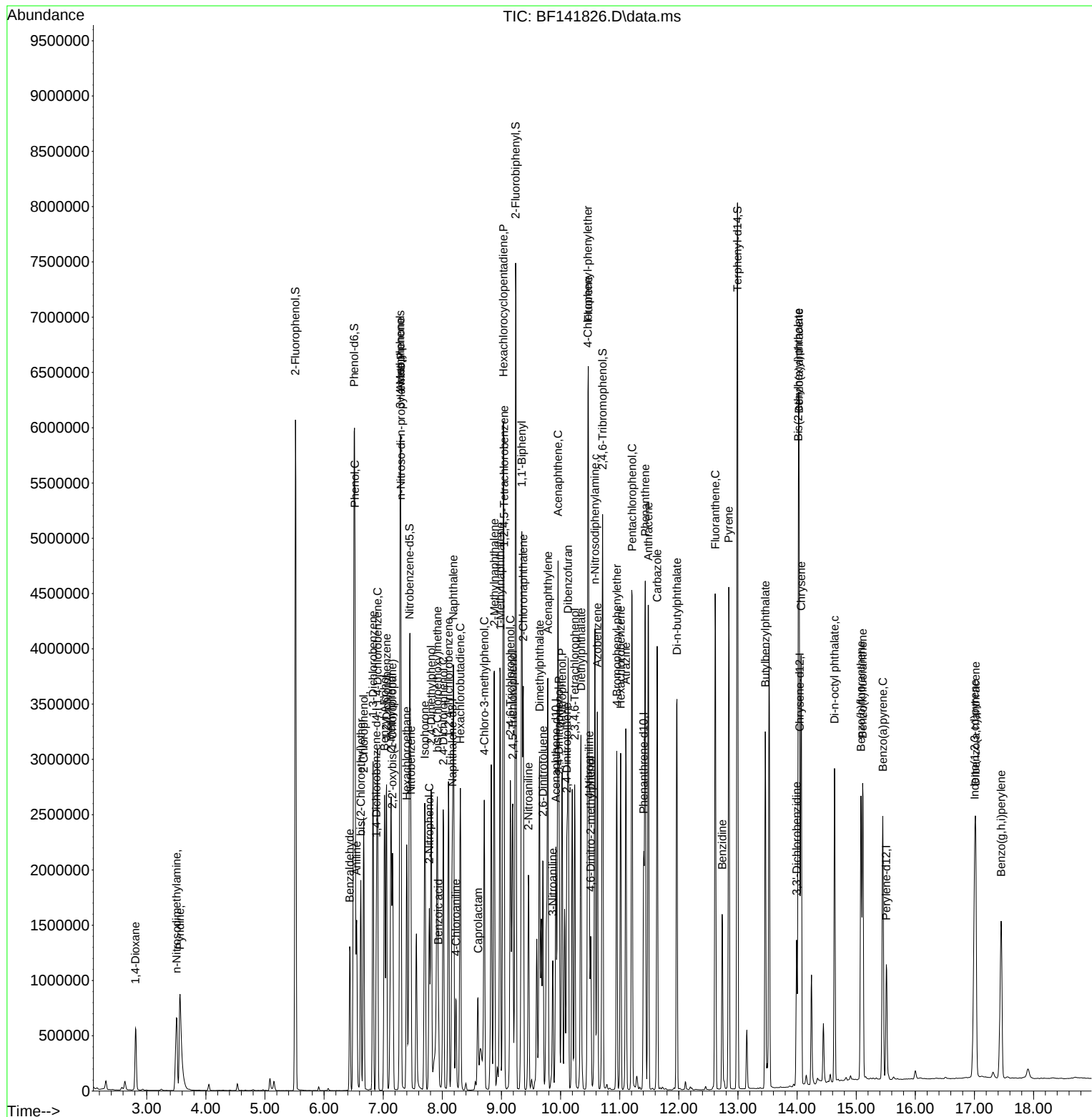
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	545918	45.619	ng	99
46) 1,1'-Biphenyl	9.345	154	2247408	45.581	ng	100
47) 2-Chloronaphthalene	9.369	162	1567251	43.066	ng	98
48) 2-Nitroaniline	9.457	65	478794	48.059	ng	99
49) Acenaphthylene	9.786	152	2419425	44.342	ng	100
50) Dimethylphthalate	9.645	163	1793109	41.335	ng	100
51) 2,6-Dinitrotoluene	9.704	165	381103	46.046	ng	95
52) Acenaphthene	9.957	154	1709248	46.426	ng	99
53) 3-Nitroaniline	9.869	138	240809	28.525	ng	# 97
54) 2,4-Dinitrophenol	9.975	184	397720	97.096	ng	# 1
55) Dibenzofuran	10.127	168	2159728	40.304	ng	100
56) 4-Nitrophenol	10.028	139	728478	113.699	ng	96
57) 2,4-Dinitrotoluene	10.104	165	516243	50.715	ng	98
58) Fluorene	10.469	166	1673154	41.684	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	453528	43.576	ng	99
60) Diethylphthalate	10.345	149	1736070	39.920	ng	100
61) 4-Chlorophenyl-phenyle...	10.463	204	820428	40.795	ng	99
62) 4-Nitroaniline	10.486	138	402567	54.340	ng	96
63) Azobenzene	10.622	77	1798212	39.271	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	251389	49.545	ng	99
66) n-Nitrosodiphenylamine	10.580	169	1482764	42.175	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	520971	41.658	ng	98
68) Hexachlorobenzene	11.016	284	562016	42.558	ng	99
69) Atrazine	11.104	200	560941	58.020	ng	98
70) Pentachlorophenol	11.210	266	730696	87.240	ng	100
71) Phenanthrene	11.433	178	2435929	42.534	ng	100
72) Anthracene	11.486	178	2486891	43.327	ng	100
73) Carbazole	11.633	167	2212995	43.660	ng	100
74) Di-n-butylphthalate	11.969	149	2543275	39.584	ng	100
75) Fluoranthene	12.616	202	2525462	43.036	ng	99
77) Benzidine	12.733	184	831114	91.311	ng	99
78) Pyrene	12.845	202	2573723	41.100	ng	100
80) Butylbenzylphthalate	13.463	149	1003521	44.108	ng	100
81) Benzo(a)anthracene	14.033	228	1997580	41.820	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	372226	27.161	ng	100
83) Chrysene	14.068	228	1825435	41.457	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	1263650	44.606	ng	99
85) Di-n-octyl phthalate	14.633	149	1842435	43.441	ng	100
87) Indeno(1,2,3-cd)pyrene	17.004	276	1654234	44.250	ng	99
88) Benzo(b)fluoranthene	15.080	252	1687386	42.194	ng	100
89) Benzo(k)fluoranthene	15.110	252	1380109	40.603	ng	99
90) Benzo(a)pyrene	15.451	252	1432461	44.664	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	1316988	43.159	ng	99
92) Benzo(g,h,i)perylene	17.451	276	1291482	41.312	ng	99

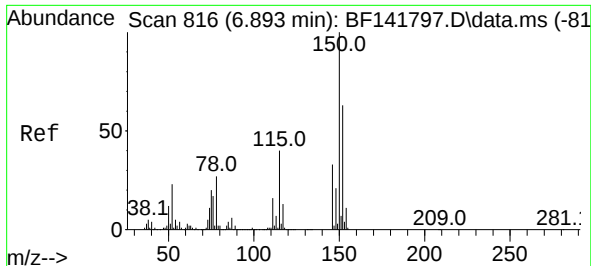
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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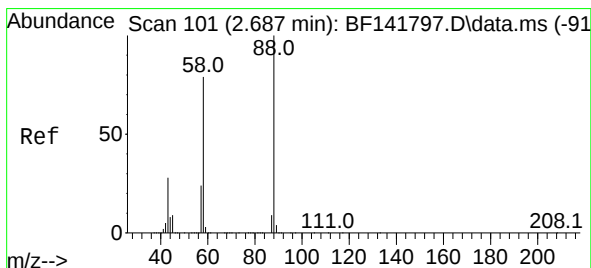
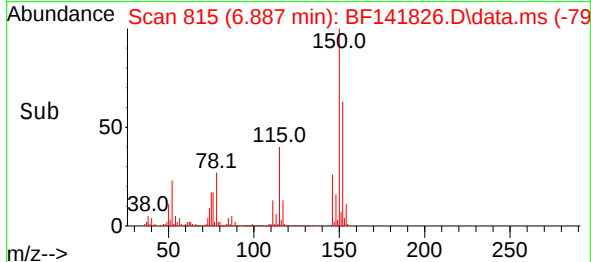
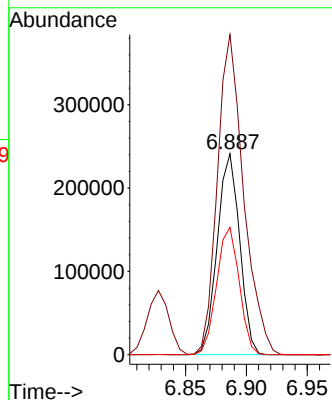
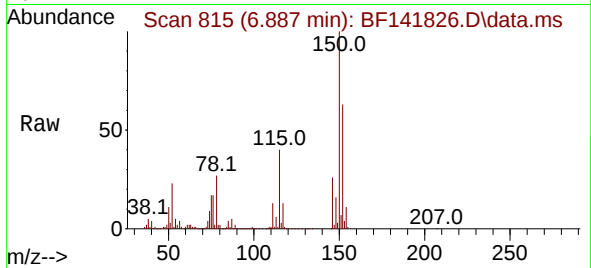




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

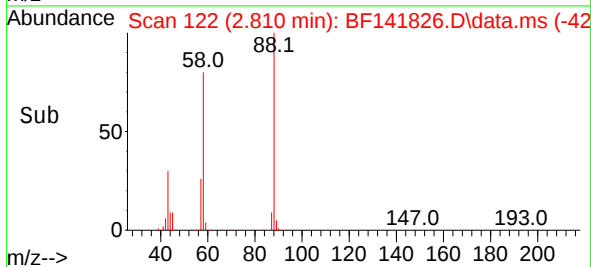
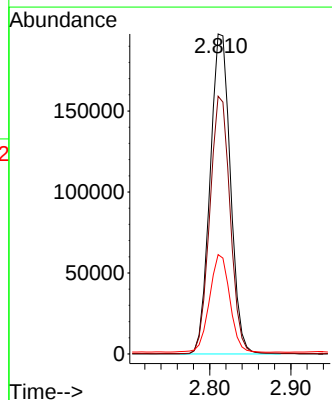
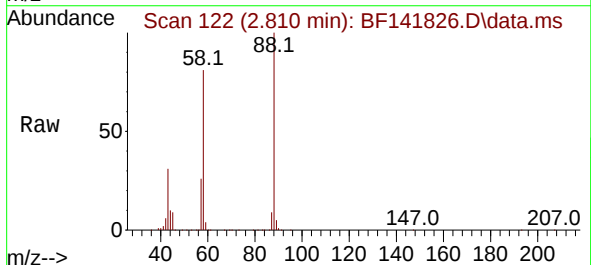
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BNA_F
ClientSampleId :
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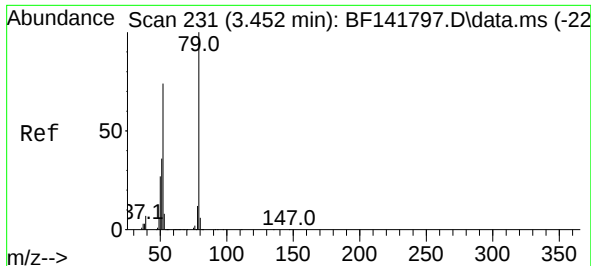
Tgt Ion:152 Resp: 309118
Ion Ratio Lower Upper
152 100
150 159.3 127.5 191.3
115 63.4 51.4 77.2



#2
1,4-Dioxane
Concen: 39.158 ng
RT: 2.810 min Scan# 122
Delta R.T. 0.123 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion: 88 Resp: 343919
Ion Ratio Lower Upper
88 100
58 80.1 63.9 95.9
43 30.3 23.0 34.6





#3

Pyridine

Concen: 38.906 ng

RT: 3.563 min Scan# 240

Delta R.T. 0.112 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

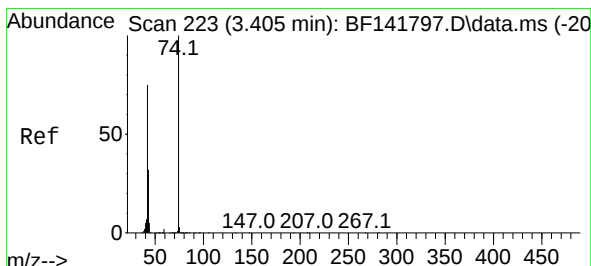
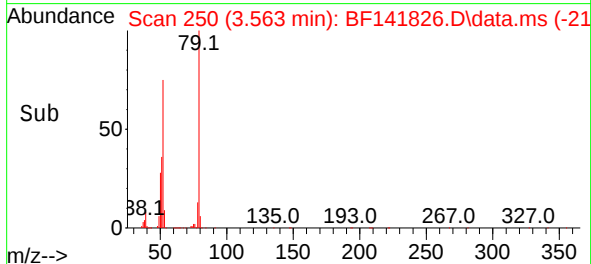
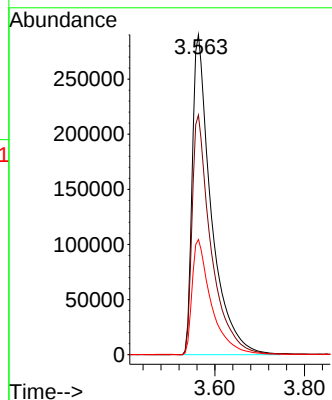
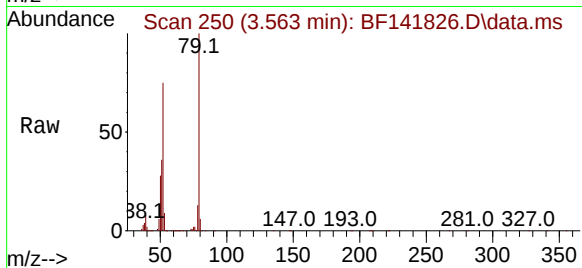
Tgt Ion: 79 Resp: 850208

Ion Ratio Lower Upper

79 100

52 74.9 59.0 88.4

51 36.0 29.0 43.4



#4

n-Nitrosodimethylamine

Concen: 42.961 ng

RT: 3.504 min Scan# 240

Delta R.T. 0.100 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

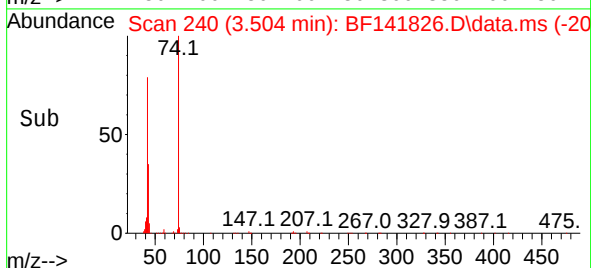
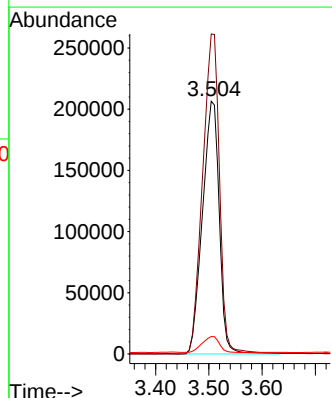
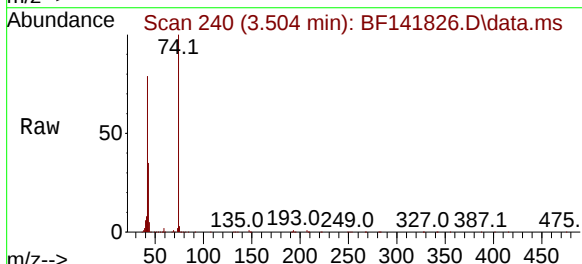
Tgt Ion: 42 Resp: 451717

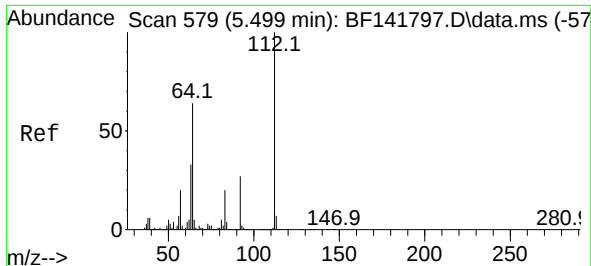
Ion Ratio Lower Upper

42 100

74 126.6 107.1 160.7

44 6.9 6.6 9.8

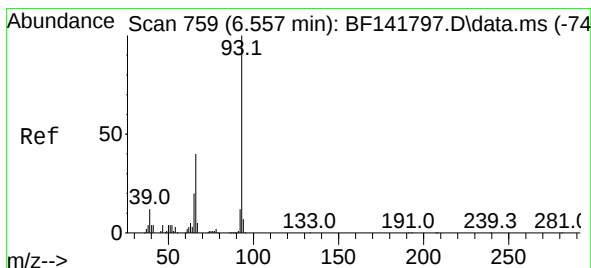
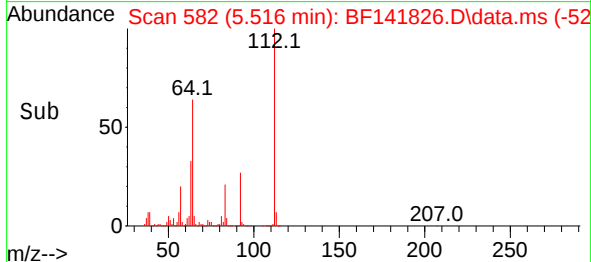
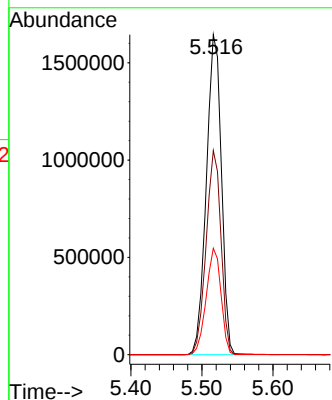
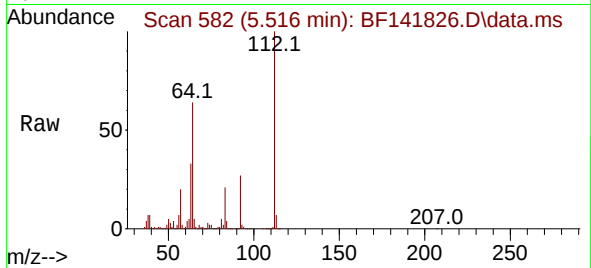




#5
2-Fluorophenol
Concen: 125.449 ng
RT: 5.516 min Scan# 51
Delta R.T. 0.017 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

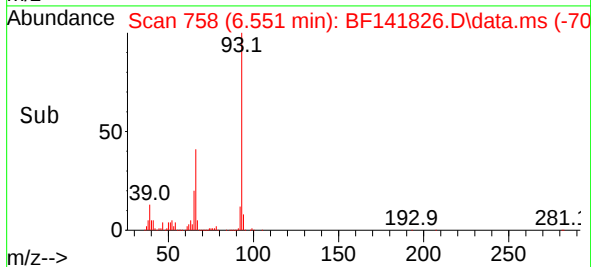
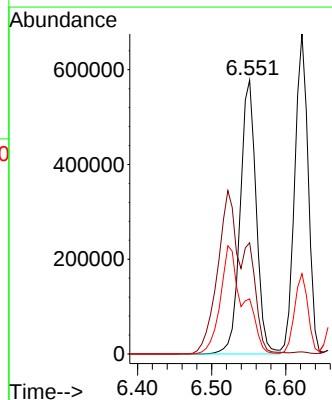
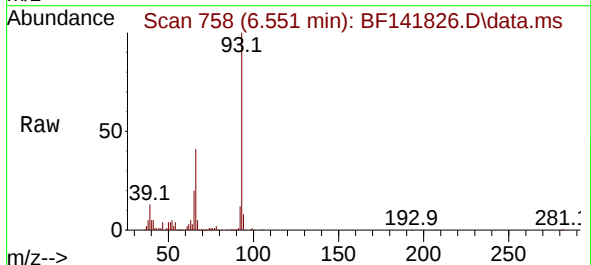
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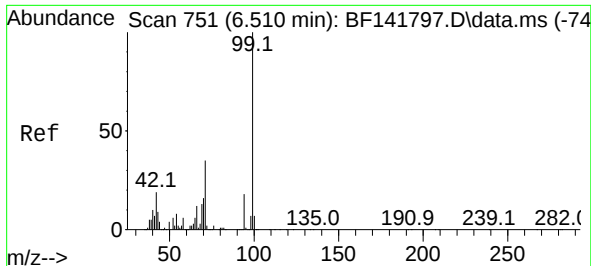
Tgt Ion:112 Resp: 2428234
Ion Ratio Lower Upper
112 100
64 63.8 51.3 76.9
63 33.3 26.2 39.4



#6
Aniline
Concen: 33.122 ng
RT: 6.551 min Scan# 758
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion: 93 Resp: 867546
Ion Ratio Lower Upper
93 100
66 40.6 32.3 48.5
65 20.1 15.9 23.9

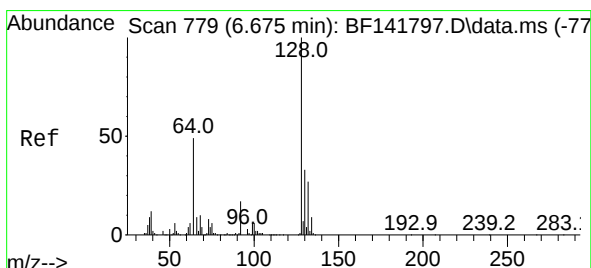
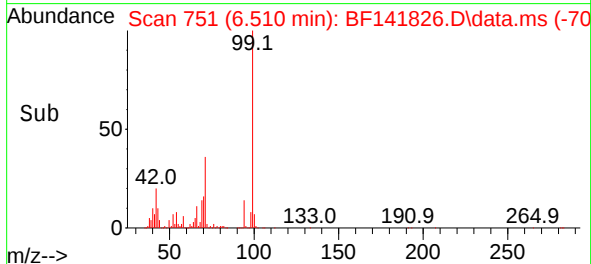
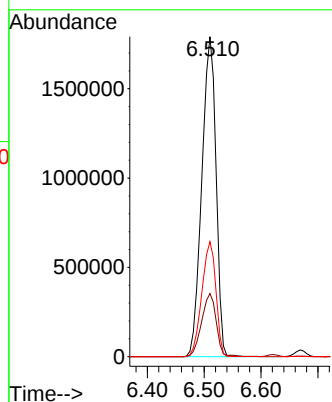
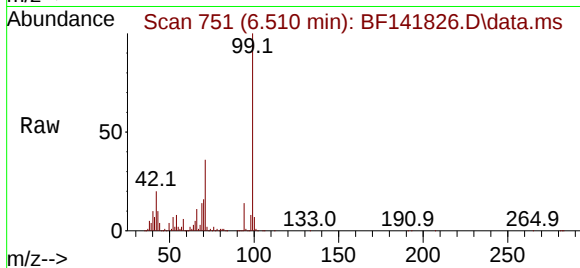




#7
Phenol-d6
Concen: 123.480 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.000 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

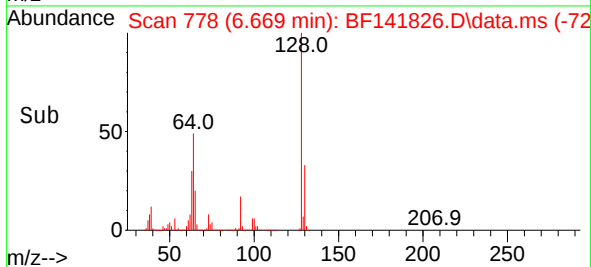
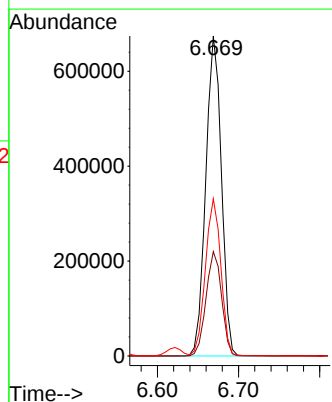
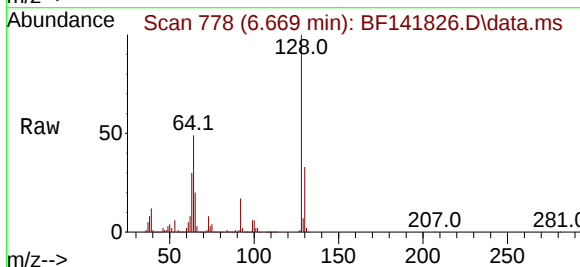
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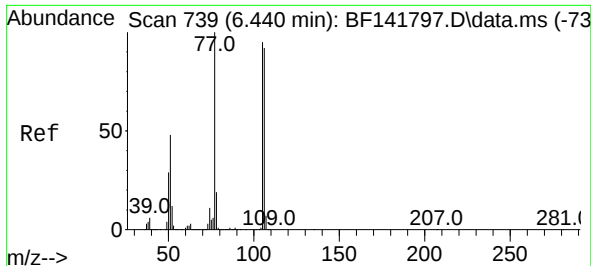
Tgt Ion: 99 Resp: 3110955
Ion Ratio Lower Upper
99 100
42 19.8 15.2 22.8
71 36.0 28.2 42.2



#8
2-Chlorophenol
Concen: 42.982 ng
RT: 6.669 min Scan# 778
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion: 128 Resp: 900005
Ion Ratio Lower Upper
128 100
130 32.6 12.6 52.6
64 49.1 31.1 71.1

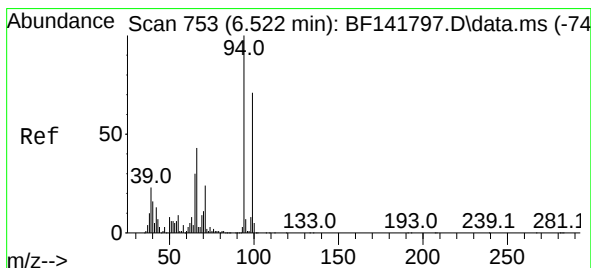
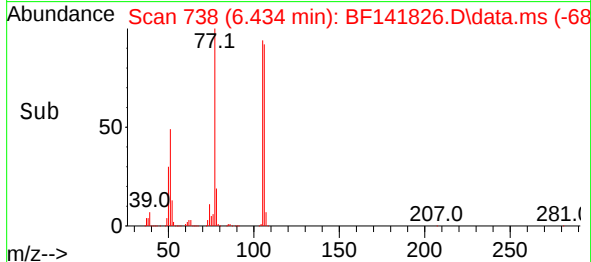
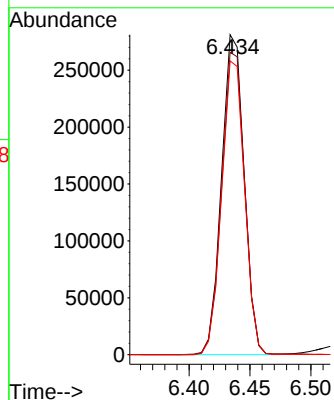
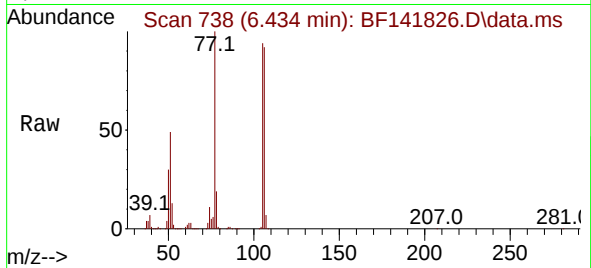




#9
Benzaldehyde
Concen: 24.779 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.006 min
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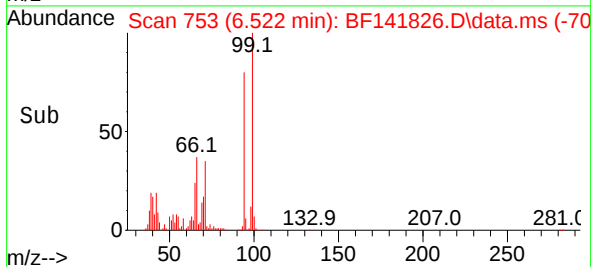
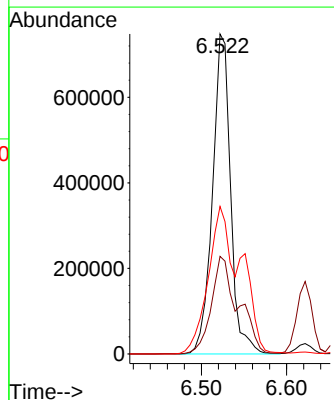
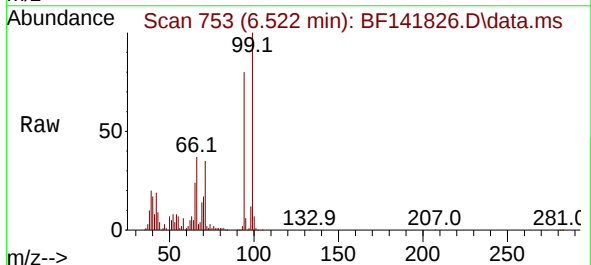
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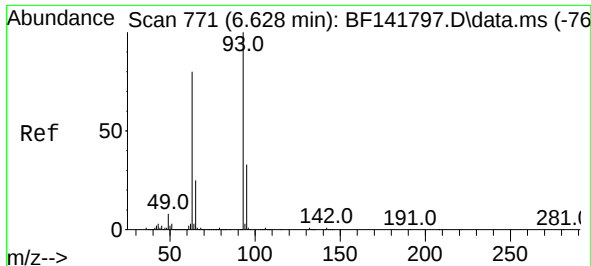
Tgt Ion: 77 Resp: 363128
Ion Ratio Lower Upper
77 100
105 94.5 75.3 115.3
106 91.8 72.3 112.3



#10
Phenol
Concen: 40.943 ng
RT: 6.522 min Scan# 753
Delta R.T. -0.000 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion: 94 Resp: 1102271
Ion Ratio Lower Upper
94 100
65 30.5 10.2 50.2
66 46.1 23.2 63.2





#11

bis(2-Chloroethyl)ether

Concen: 41.346 ng

RT: 6.622 min Scan# 771

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

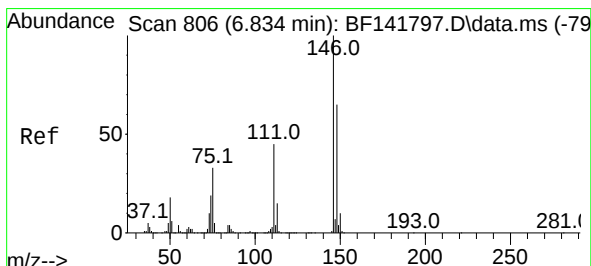
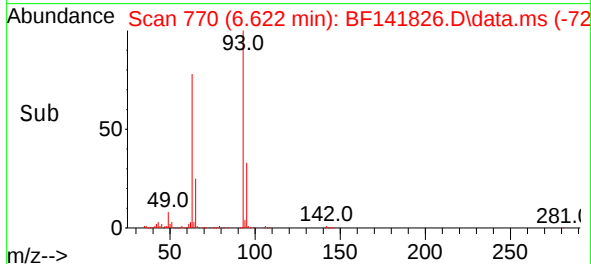
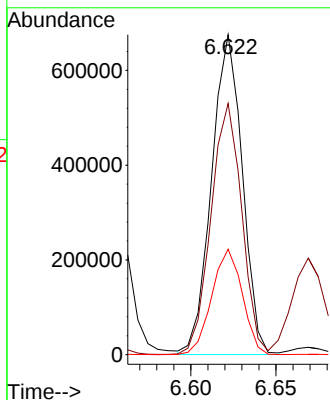
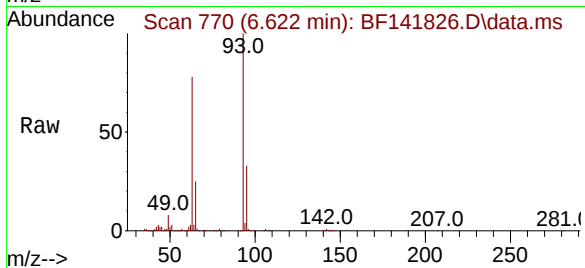
Tgt Ion: 93 Resp: 848479

Ion Ratio Lower Upper

93 100

63 78.5 59.3 99.3

95 33.0 13.2 53.2



#12

1,3-Dichlorobenzene

Concen: 41.363 ng

RT: 6.828 min Scan# 805

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

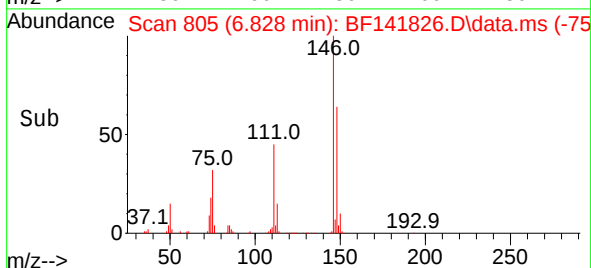
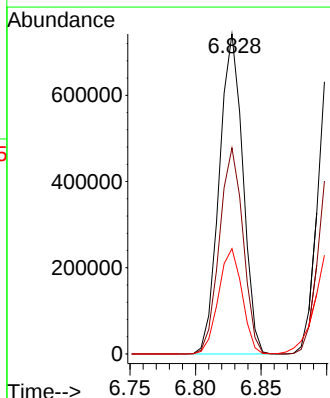
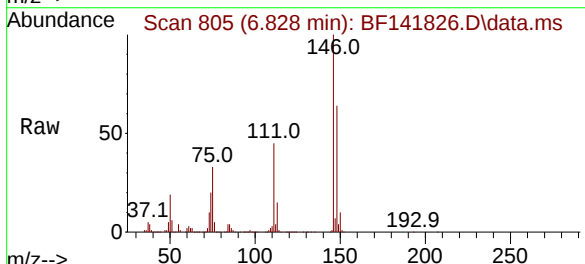
Tgt Ion:146 Resp: 927514

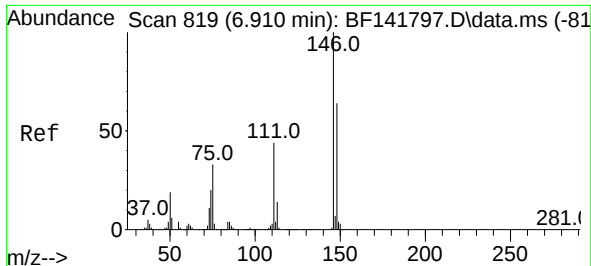
Ion Ratio Lower Upper

146 100

148 64.4 51.8 77.6

75 32.9 26.2 39.4

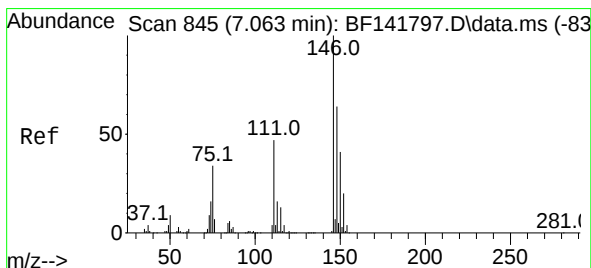
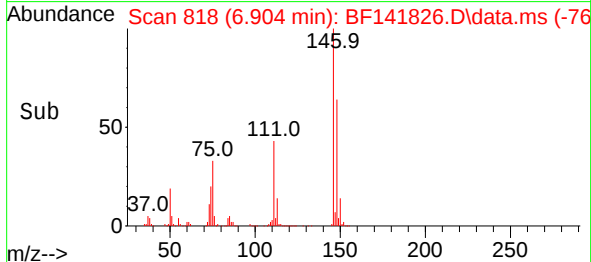
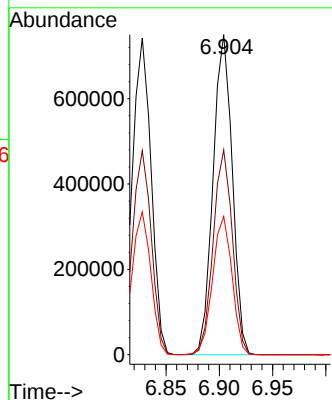
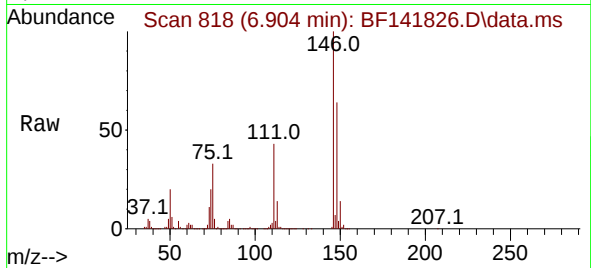




#13
1,4-Dichlorobenzene
Concen: 41.616 ng
RT: 6.904 min Scan# 819
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

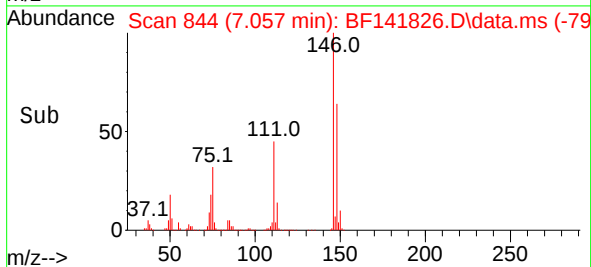
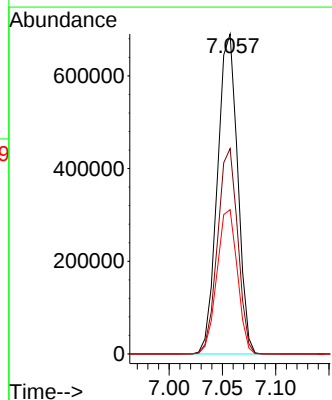
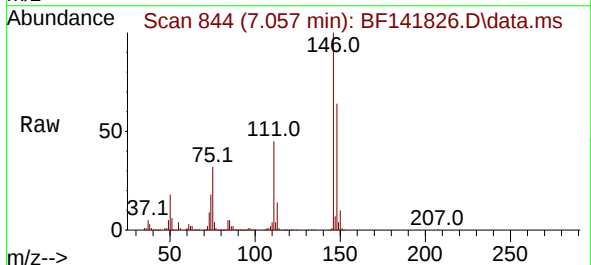
Instrument :
BNA_F
ClientSampleId :
PB166957BS

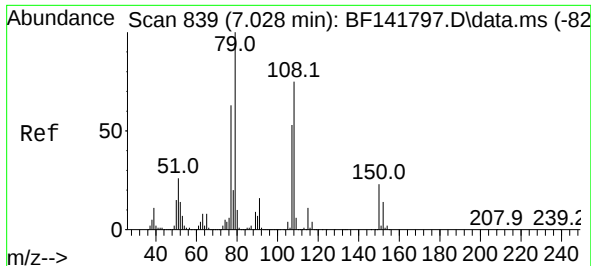
Tgt Ion:146 Resp: 940287
Ion Ratio Lower Upper
146 100
148 64.0 51.4 77.2
111 43.2 35.5 53.3



#14
1,2-Dichlorobenzene
Concen: 43.046 ng
RT: 7.057 min Scan# 844
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:146 Resp: 908206
Ion Ratio Lower Upper
146 100
148 64.2 51.2 76.8
111 45.1 37.8 56.6

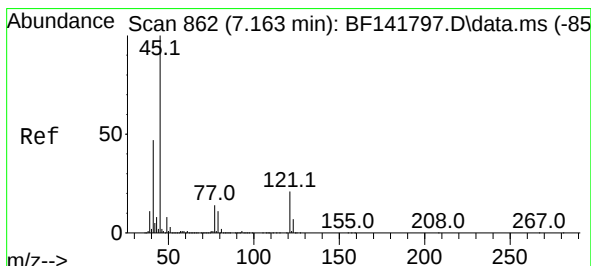
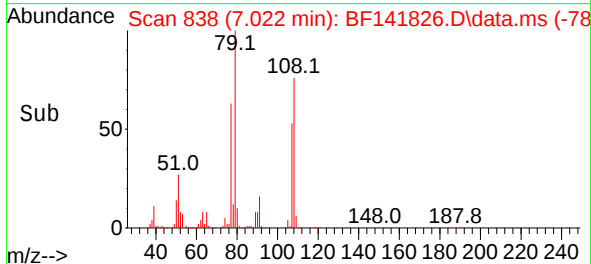
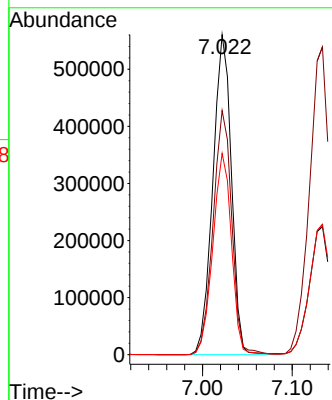
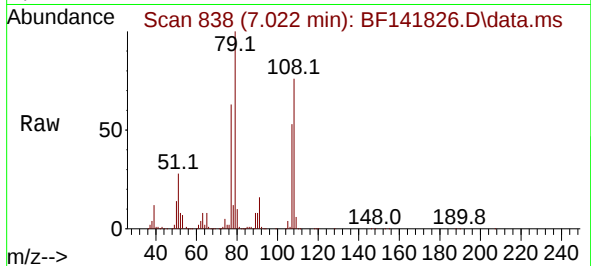




#15
Benzyl Alcohol
Concen: 40.036 ng
RT: 7.022 min Scan# 841
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

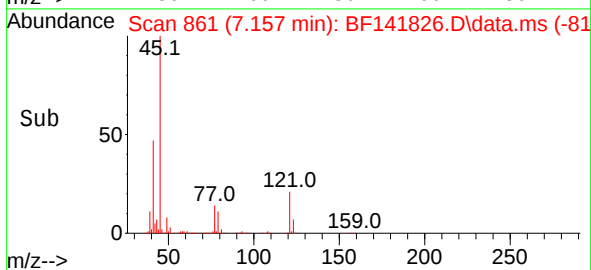
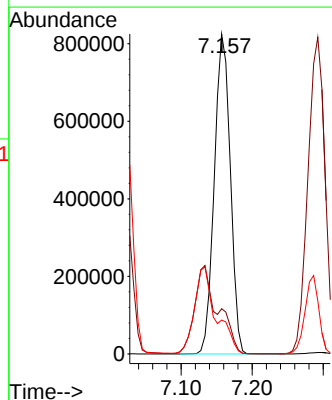
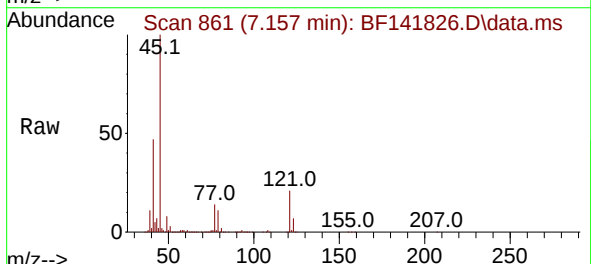
Instrument :
BNA_F
ClientSampleId :
PB166957BS

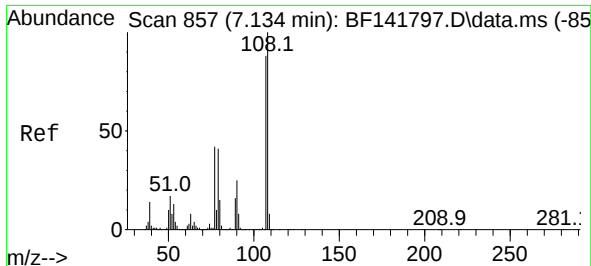
Tgt Ion: 79 Resp: 806132
Ion Ratio Lower Upper
79 100
108 76.3 60.2 90.2
77 62.9 50.2 75.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.242 ng
RT: 7.157 min Scan# 861
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion: 45 Resp: 1285320
Ion Ratio Lower Upper
45 100
77 14.2 0.0 34.4
79 10.6 0.0 30.9



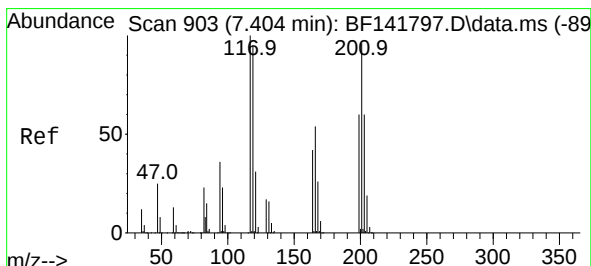
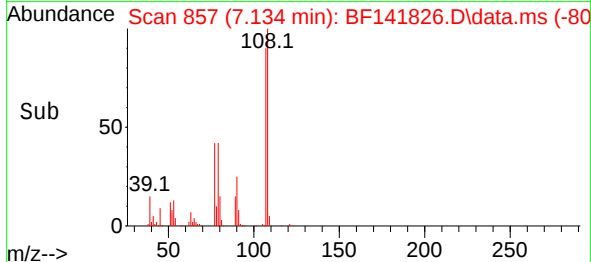
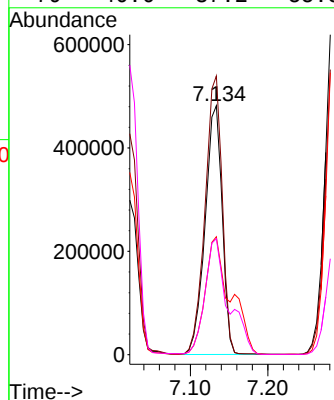
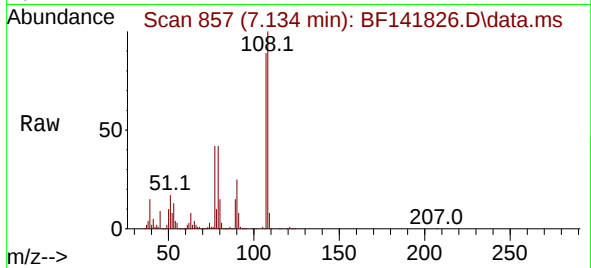


#17
2-Methylphenol
Concen: 42.714 ng
RT: 7.134 min Scan# 857
Delta R.T. -0.000 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Instrument :
BNA_F
ClientSampleId :
PB166957BS

Tgt Ion:107 Resp: 738248

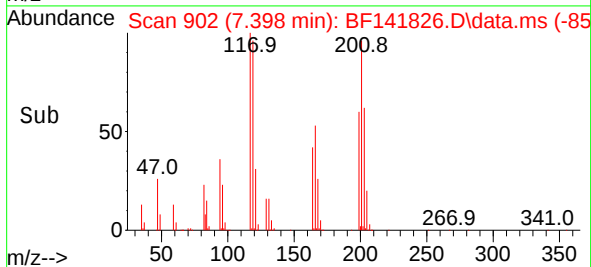
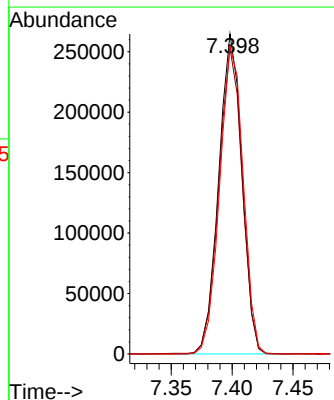
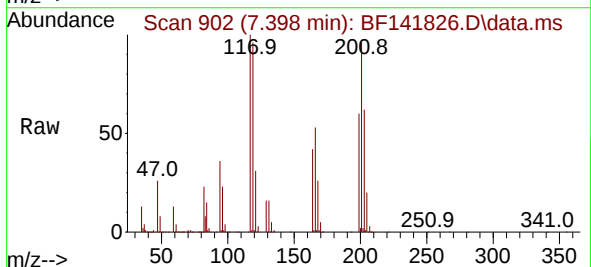
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.6	135.8
77	47.4	37.7	56.5
79	46.6	37.2	55.8

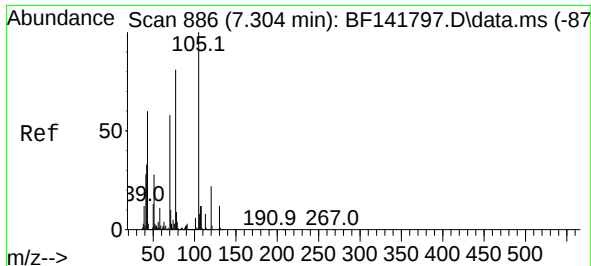


#18
Hexachloroethane
Concen: 41.576 ng
RT: 7.398 min Scan# 902
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:117 Resp: 351592

Ion	Ratio	Lower	Upper
117	100		
119	95.7	75.8	113.8
201	96.1	76.7	115.1

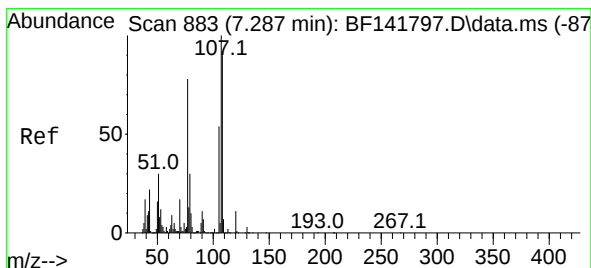
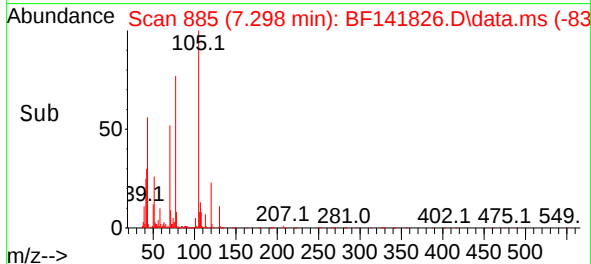
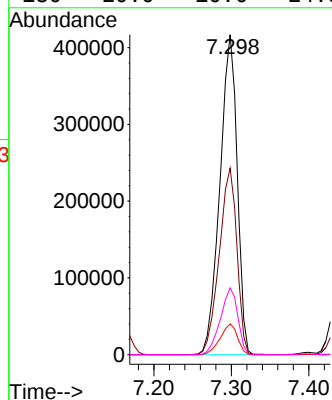
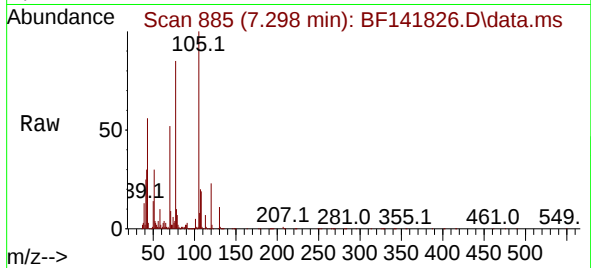




#19
n-Nitroso-di-n-propylamine
Concen: 39.172 ng
RT: 7.298 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

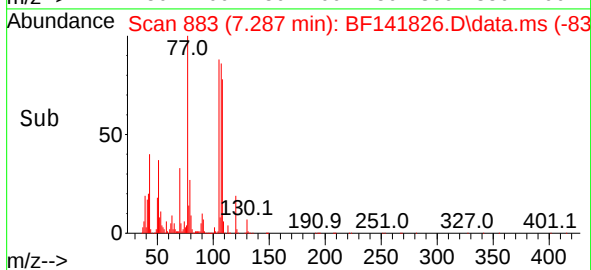
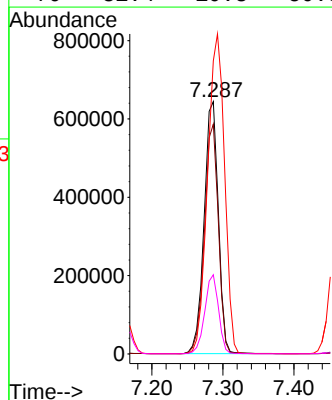
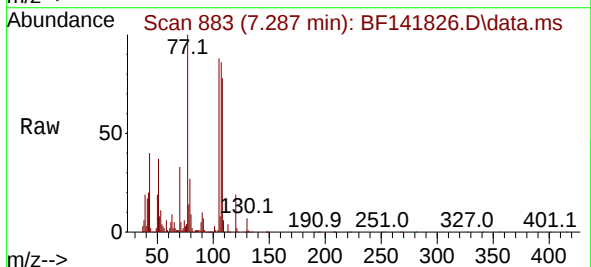
Instrument :
BNA_F
ClientSampleId :
PB166957BS

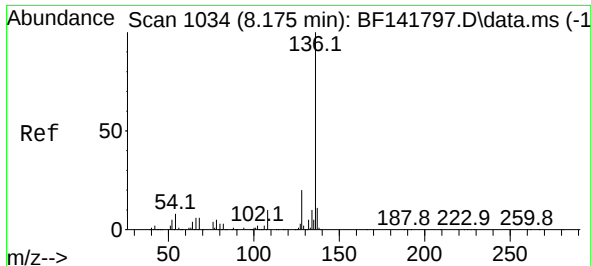
Tgt Ion: 70 Resp: 648751
Ion Ratio Lower Upper
70 100
42 58.3 45.4 68.0
101 9.6 7.8 11.8
130 20.9 16.6 24.8



#20
3+4-Methylphenols
Concen: 41.694 ng
RT: 7.287 min Scan# 883
Delta R.T. -0.000 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:107 Resp: 897325
Ion Ratio Lower Upper
107 100
108 91.1 69.7 109.7
77 116.2 58.3 98.3#
79 31.4 10.3 50.3

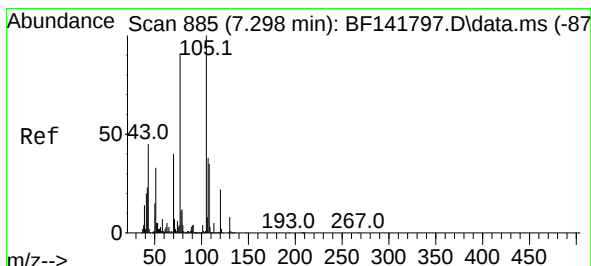
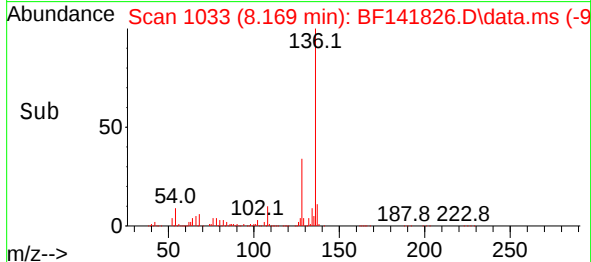
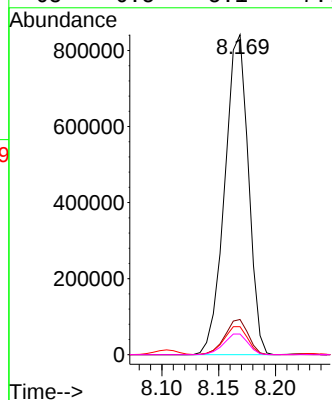
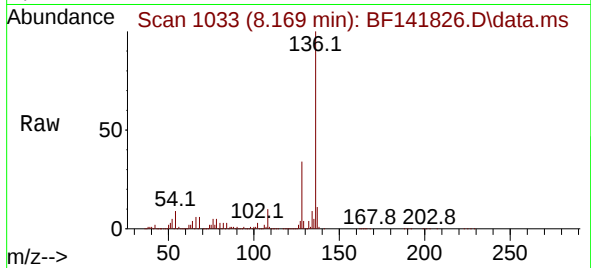




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

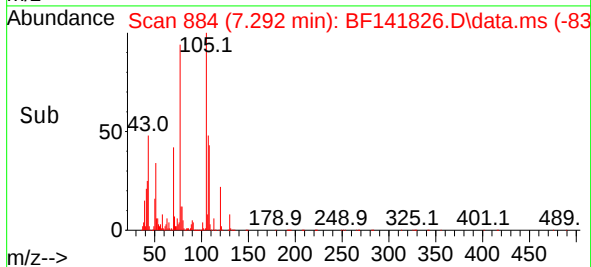
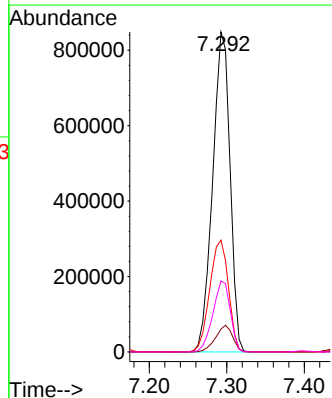
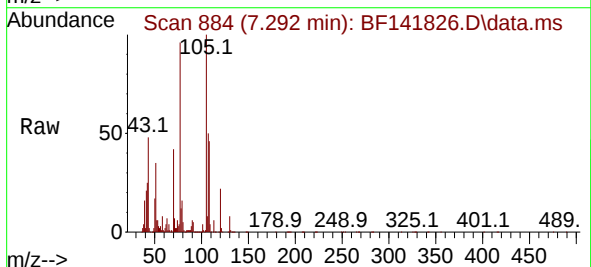
Instrument :
BNA_F
ClientSampleId :
PB166957BS

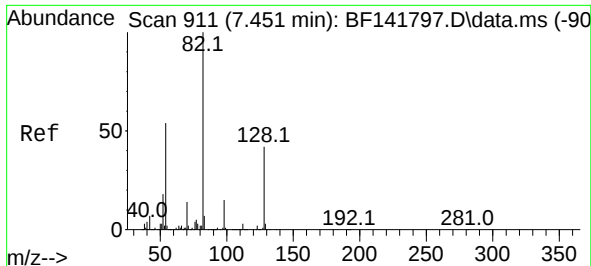
Tgt Ion:136 Resp: 1216990
Ion Ratio Lower Upper
136 100
137 11.0 8.9 13.3
54 8.7 6.9 10.3
68 6.5 5.1 7.7



#22
Acetophenone
Concen: 44.759 ng
RT: 7.292 min Scan# 884
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:105 Resp: 1326666
Ion Ratio Lower Upper
105 100
71 7.1 5.4 8.0
51 35.0 26.1 39.1
120 22.2 17.5 26.3





#23

Nitrobenzene-d5

Concen: 104.261 ng

RT: 7.445 min Scan# 911

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

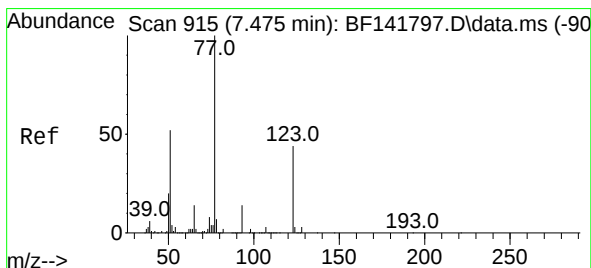
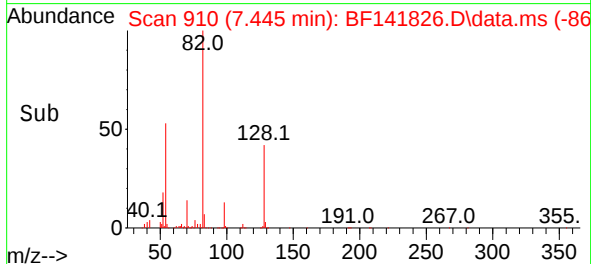
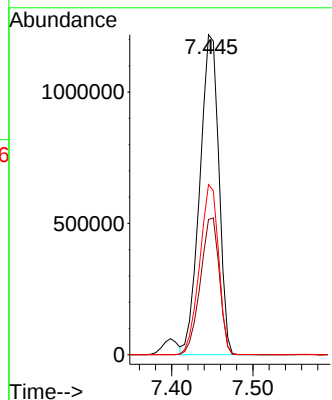
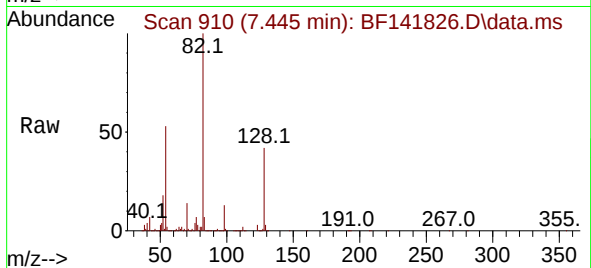
Tgt Ion: 82 Resp: 1985045

Ion Ratio Lower Upper

82 100

128 42.2 33.5 50.3

54 53.2 42.7 64.1



#24

Nitrobenzene

Concen: 46.018 ng

RT: 7.469 min Scan# 914

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

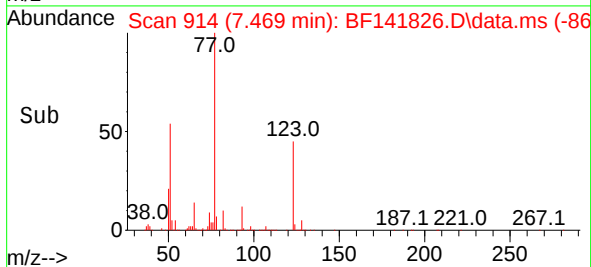
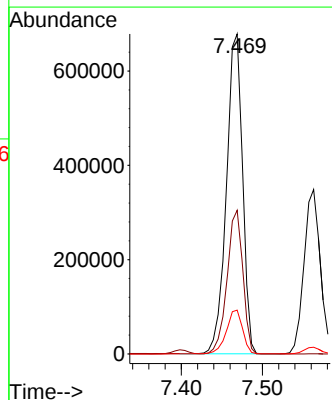
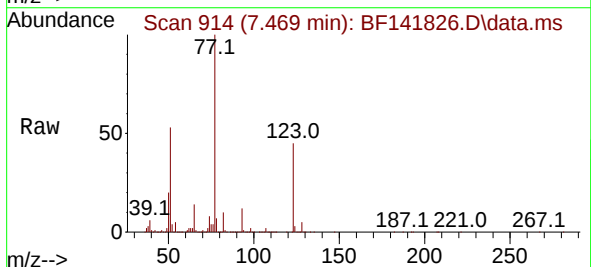
Tgt Ion: 77 Resp: 938224

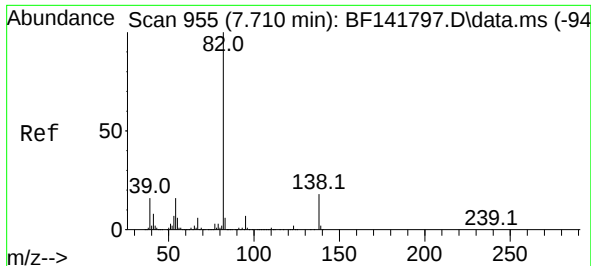
Ion Ratio Lower Upper

77 100

123 44.9 35.8 53.8

65 13.7 11.2 16.8

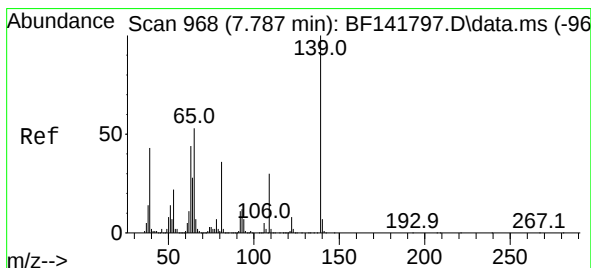
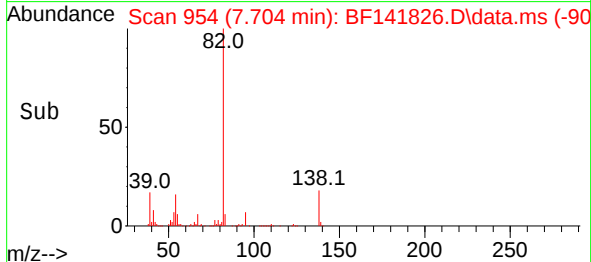
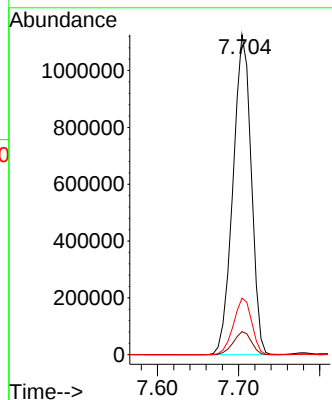
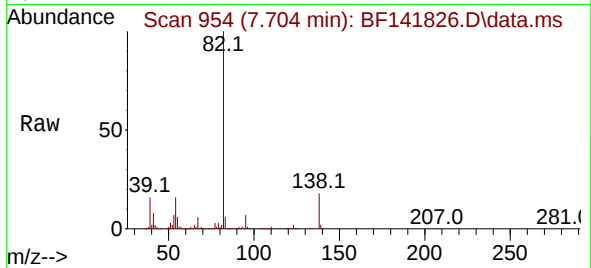




#25
Isophorone
Concen: 42.852 ng
RT: 7.704 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

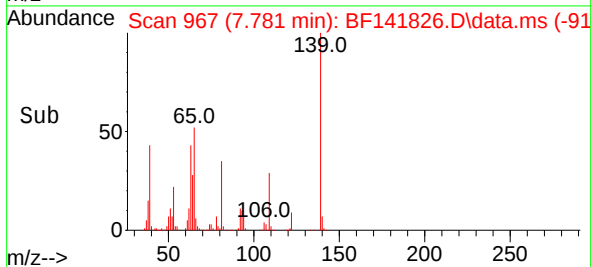
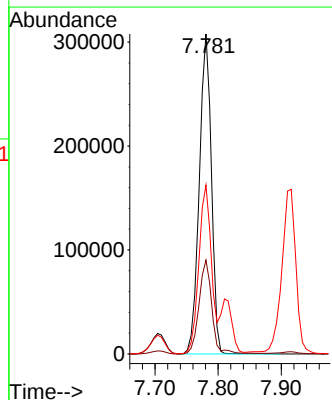
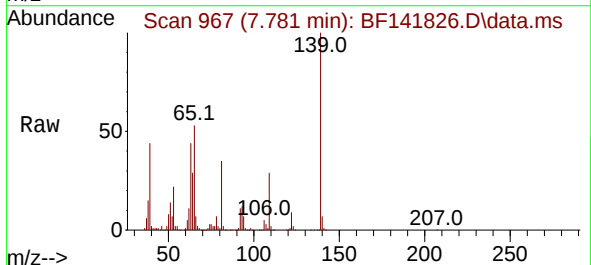
Instrument :
BNA_F
ClientSampleId :
PB166957BS

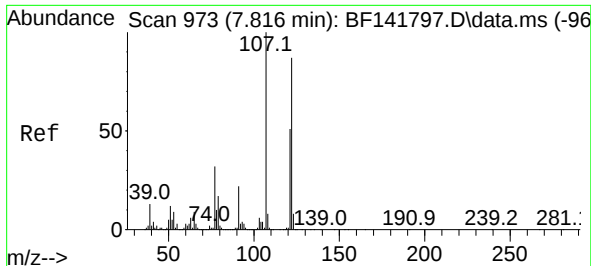
Tgt Ion: 82 Resp: 1752788
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 17.7 14.0 21.0



#26
2-Nitrophenol
Concen: 45.311 ng
RT: 7.781 min Scan# 967
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:139 Resp: 410123
Ion Ratio Lower Upper
139 100
109 29.3 24.1 36.1
65 52.8 42.3 63.5

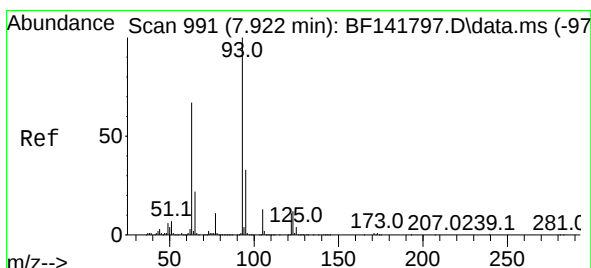
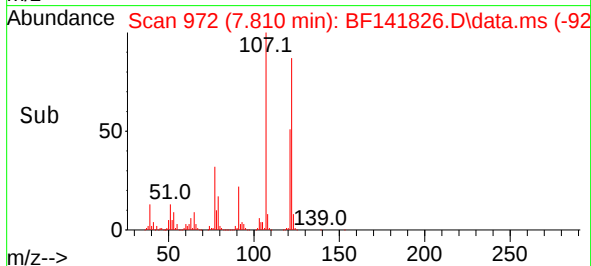
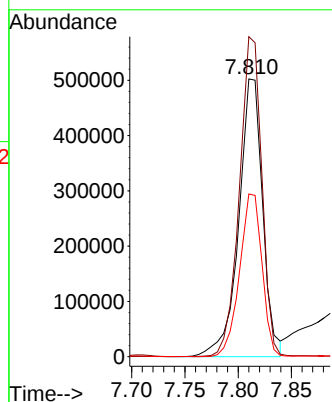
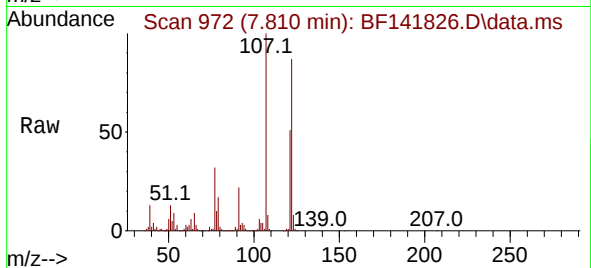




#27
2,4-Dimethylphenol
Concen: 52.255 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

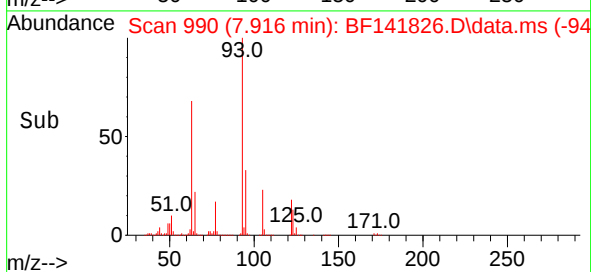
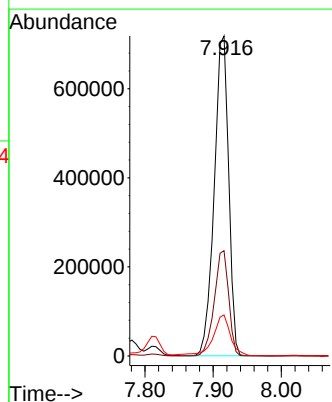
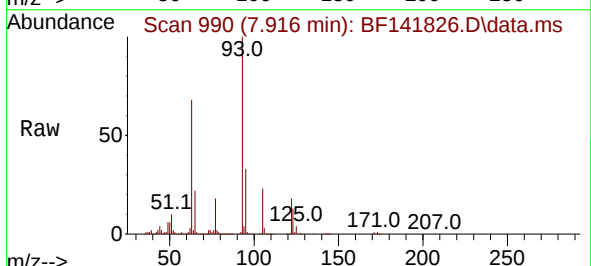
Instrument :
BNA_F
ClientSampleId :
PB166957BS

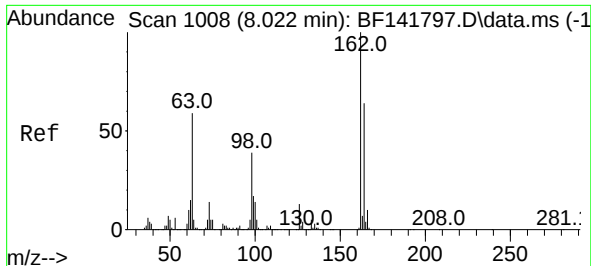
Tgt Ion:122 Resp: 785686
Ion Ratio Lower Upper
122 100
107 115.2 92.5 138.7
121 58.6 47.1 70.7



#28
bis(2-Chloroethoxy)methane
Concen: 40.523 ng
RT: 7.916 min Scan# 990
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion: 93 Resp: 1057325
Ion Ratio Lower Upper
93 100
95 32.9 26.5 39.7
123 12.8 10.0 15.0





#29

2,4-Dichlorophenol

Concen: 42.679 ng

RT: 8.016 min Scan# 1007

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

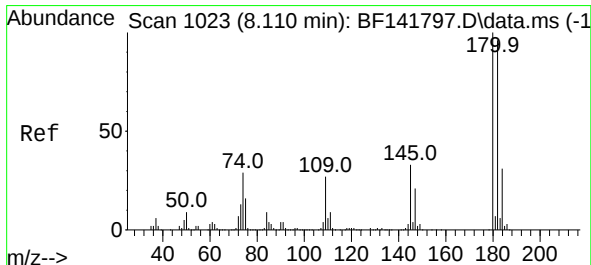
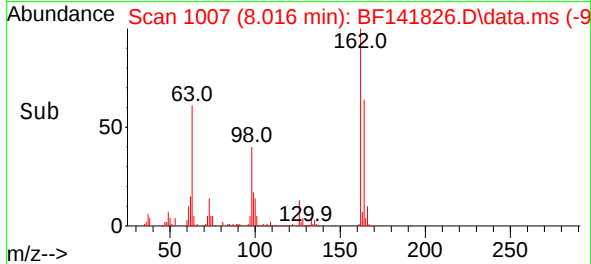
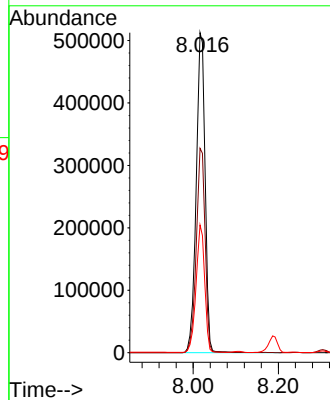
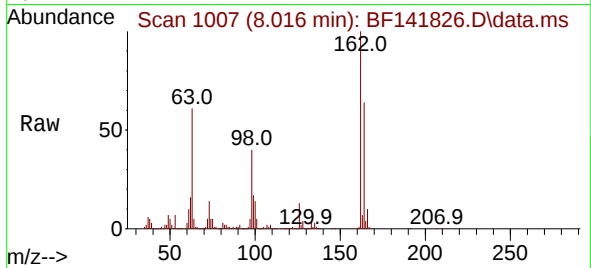
Tgt Ion:162 Resp: 740307

Ion Ratio Lower Upper

162 100

164 63.8 44.3 84.3

98 39.9 19.6 59.6



#30

1,2,4-Trichlorobenzene

Concen: 41.766 ng

RT: 8.104 min Scan# 1022

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

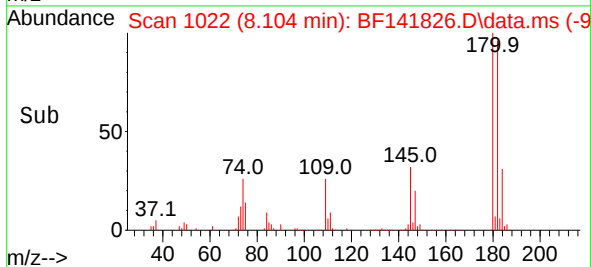
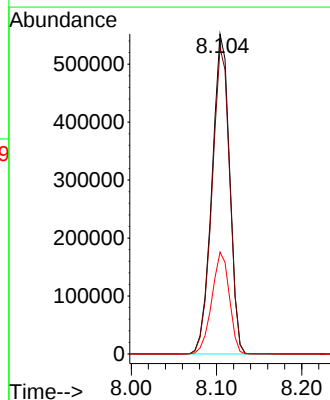
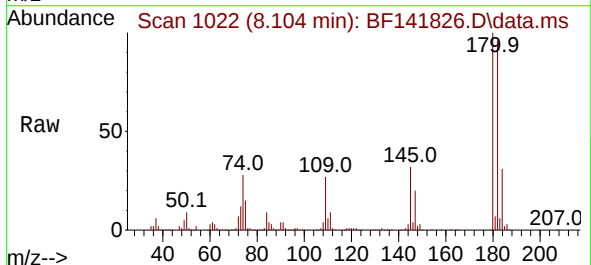
Tgt Ion:180 Resp: 793857

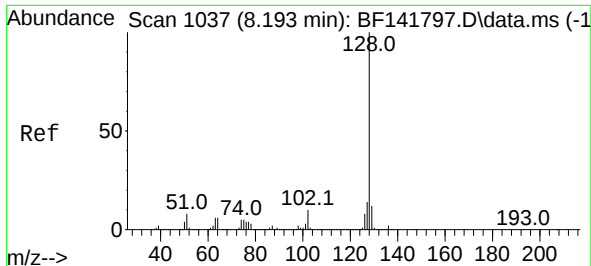
Ion Ratio Lower Upper

180 100

182 95.7 76.8 115.2

145 31.8 26.4 39.6

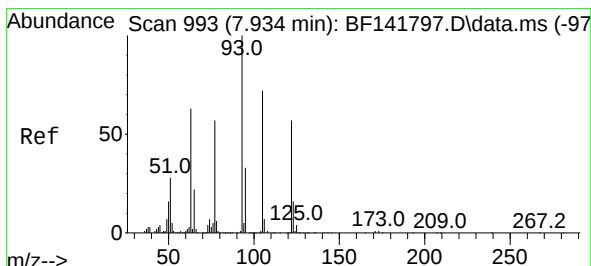
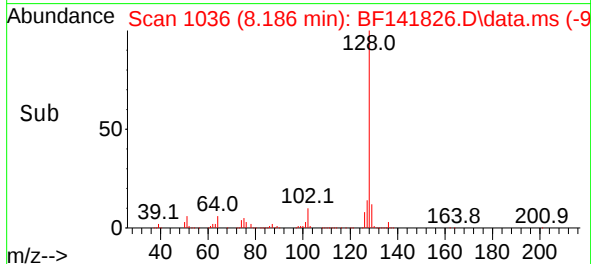
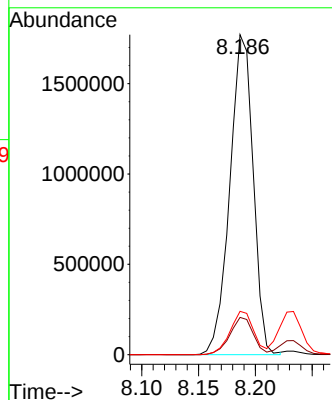
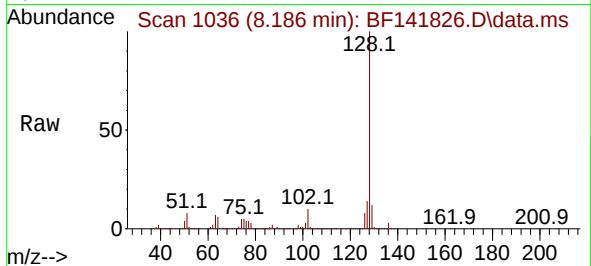




#31
Naphthalene
Concen: 40.407 ng
RT: 8.186 min Scan# 1036
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

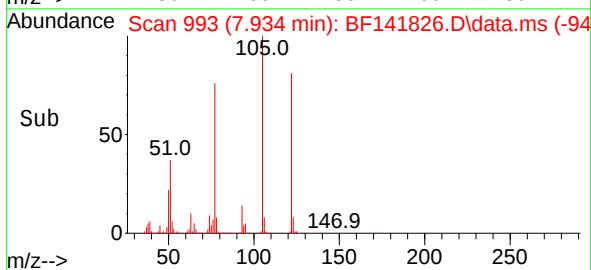
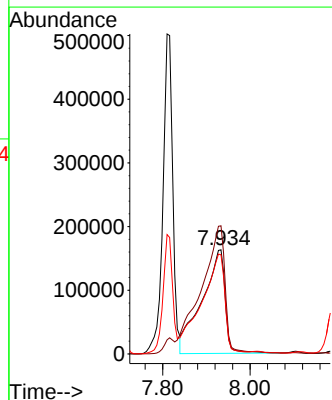
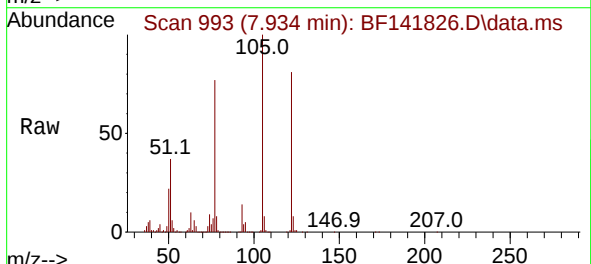
Instrument :
BNA_F
ClientSampleId :
PB166957BS

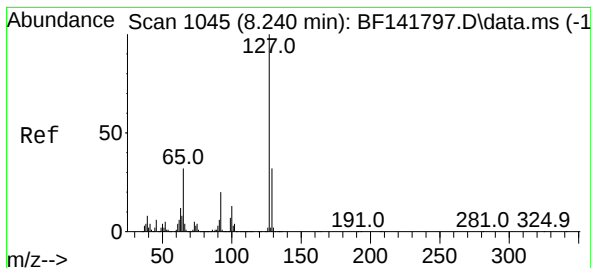
Tgt Ion:128 Resp: 2527358
Ion Ratio Lower Upper
128 100
129 11.7 9.2 13.8
127 13.5 11.0 16.4



#32
Benzoic acid
Concen: 47.899 ng
RT: 7.934 min Scan# 993
Delta R.T. -0.000 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:122 Resp: 600862
Ion Ratio Lower Upper
122 100
105 123.1 105.8 145.8
77 95.3 79.9 119.9





#33

4-Chloroaniline

Concen: 15.073 ng

RT: 8.233 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

Tgt Ion:127 Resp: 345693

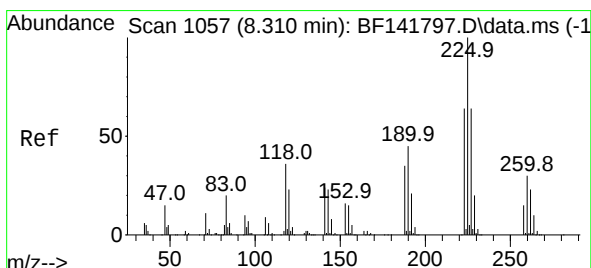
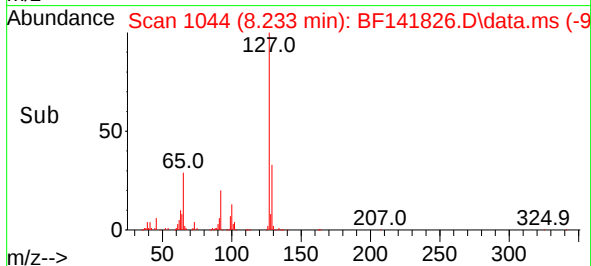
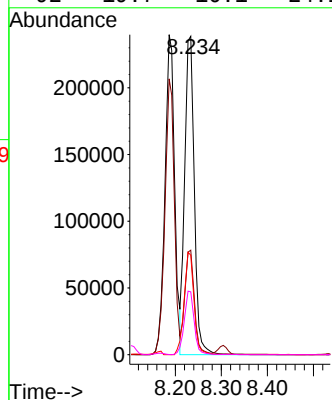
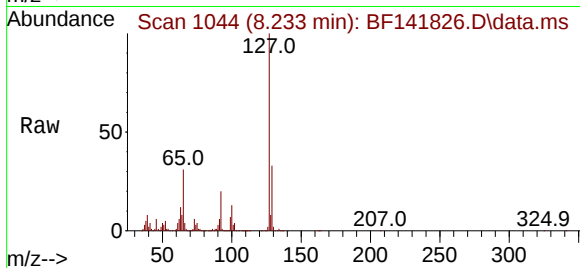
Ion Ratio Lower Upper

127 100

129 32.8 26.1 39.1

65 31.2 25.7 38.5

92 19.7 16.1 24.1



#34

Hexachlorobutadiene

Concen: 41.617 ng

RT: 8.304 min Scan# 1056

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

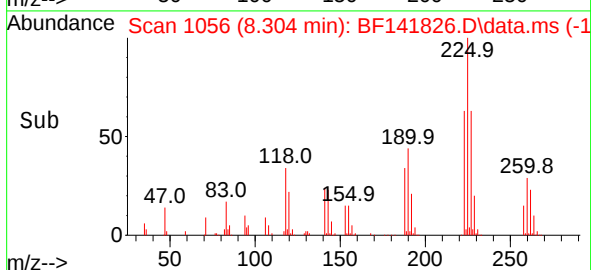
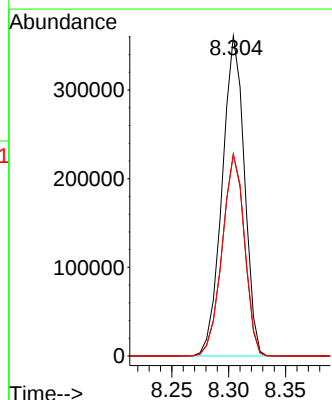
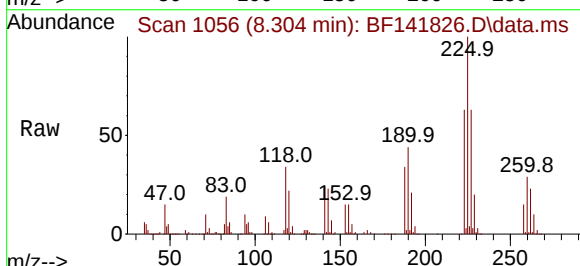
Tgt Ion:225 Resp: 491553

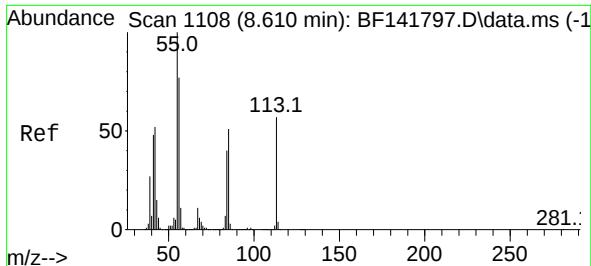
Ion Ratio Lower Upper

225 100

223 62.9 51.4 77.2

227 63.1 51.6 77.4





#35

Caprolactam

Concen: 25.059 ng

RT: 8.604 min Scan# 1108

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

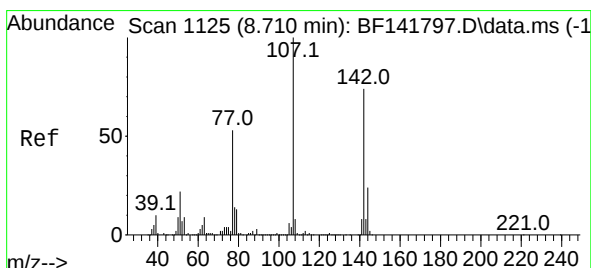
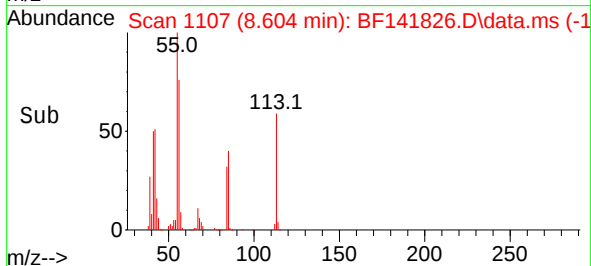
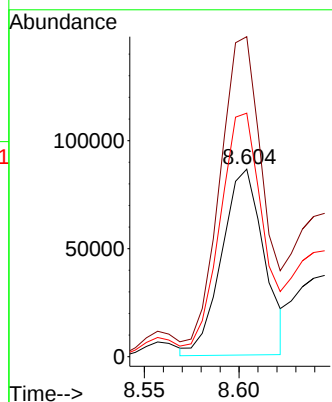
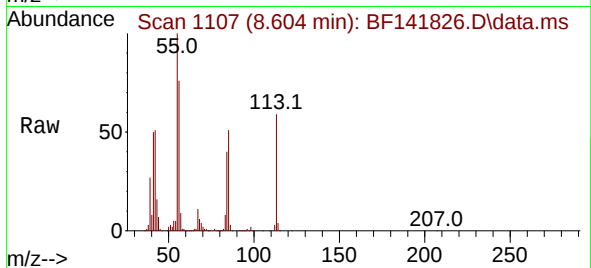
Tgt Ion:113 Resp: 133716

Ion Ratio Lower Upper

113 100

55 170.6 155.6 195.6

56 129.9 114.6 154.6



#36

4-Chloro-3-methylphenol

Concen: 41.221 ng

RT: 8.710 min Scan# 1125

Delta R.T. -0.000 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

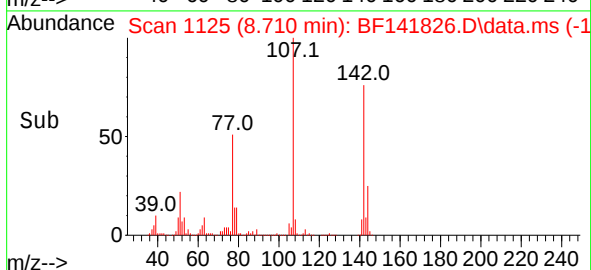
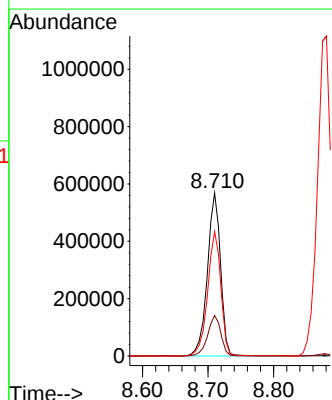
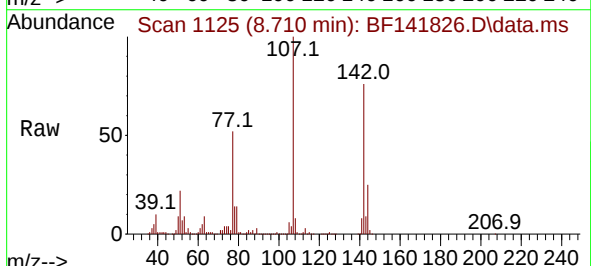
Tgt Ion:107 Resp: 794276

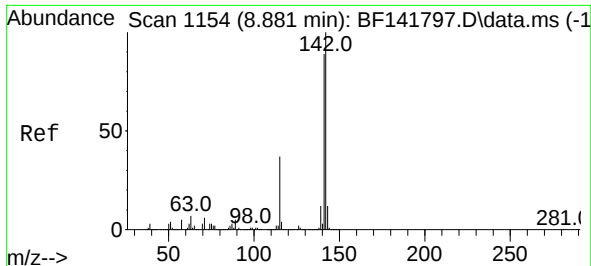
Ion Ratio Lower Upper

107 100

144 24.9 19.4 29.0

142 76.3 59.4 89.0





#37

2-Methylnaphthalene

Concen: 39.163 ng

RT: 8.881 min Scan# 1154

Delta R.T. -0.000 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

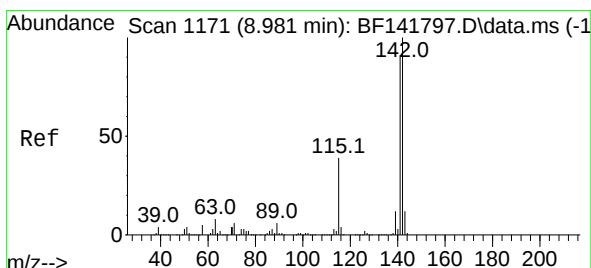
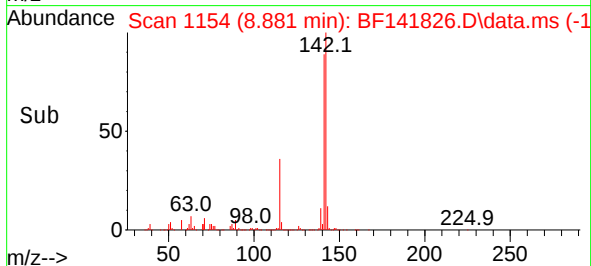
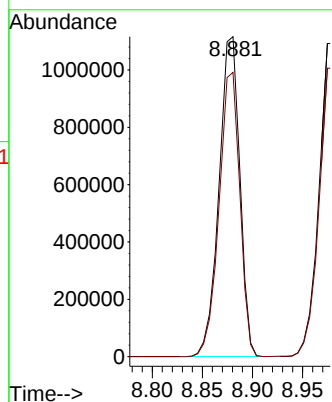
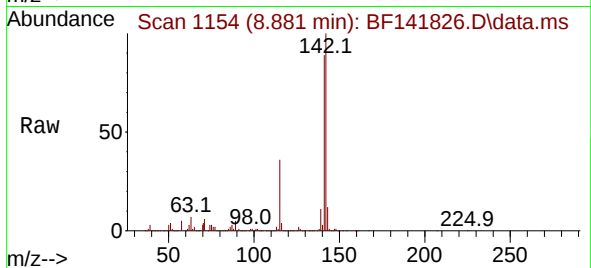
PB166957BS

Tgt Ion:142 Resp: 1606734

Ion Ratio Lower Upper

142 100

141 88.9 71.1 106.7



#38

1-Methylnaphthalene

Concen: 40.008 ng

RT: 8.980 min Scan# 1171

Delta R.T. -0.000 min

Lab File: BF141826.D

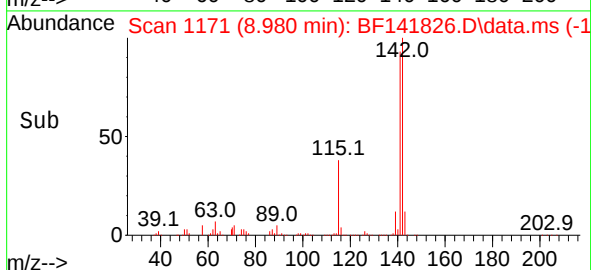
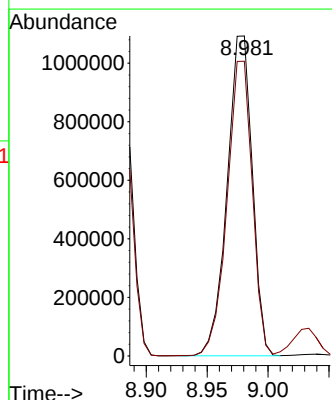
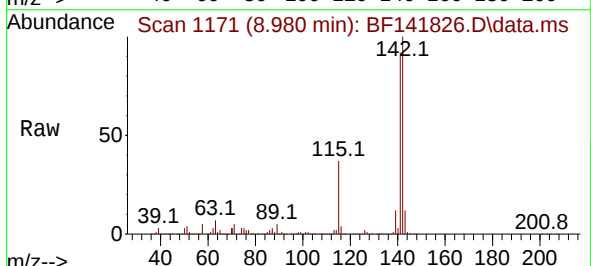
Acq: 04 Mar 2025 14:44

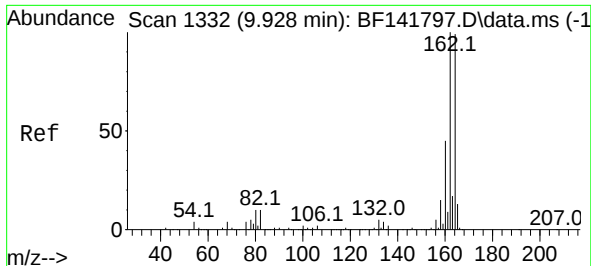
Tgt Ion:142 Resp: 1574965

Ion Ratio Lower Upper

142 100

141 92.1 73.1 109.7





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 1182

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

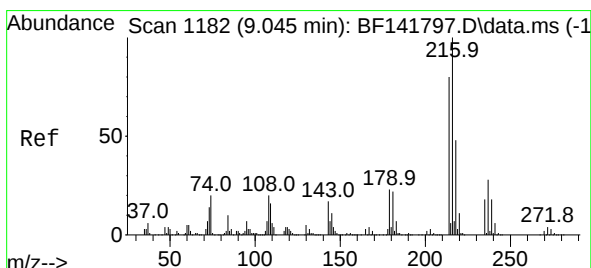
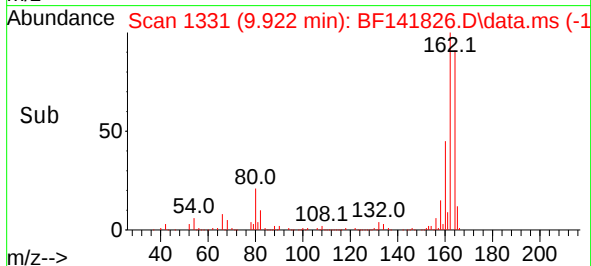
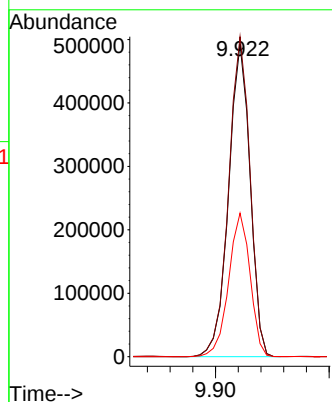
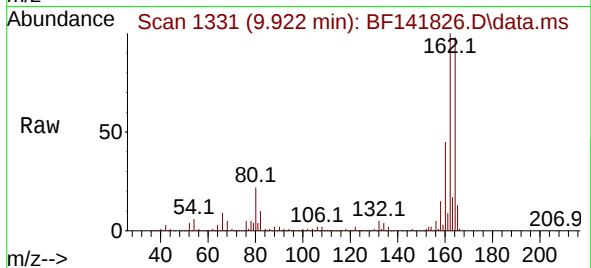
Tgt Ion:164 Resp: 647778

Ion Ratio Lower Upper

164 100

162 102.4 80.6 120.8

160 45.9 36.3 54.5



#40

1,2,4,5-Tetrachlorobenzene

Concen: 45.610 ng

RT: 9.045 min Scan# 1182

Delta R.T. -0.000 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Tgt Ion:216 Resp: 853302

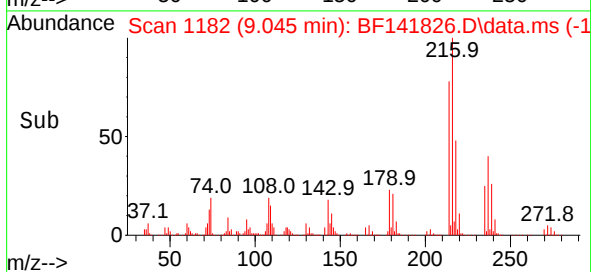
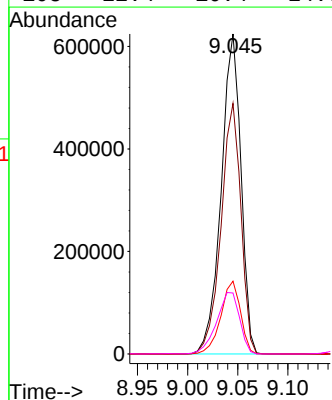
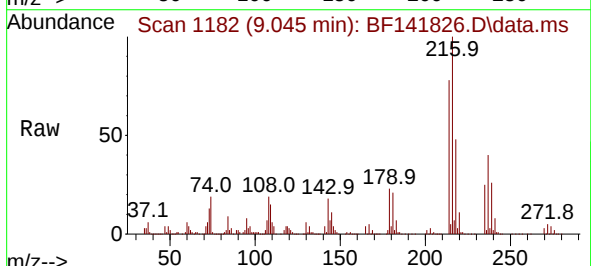
Ion Ratio Lower Upper

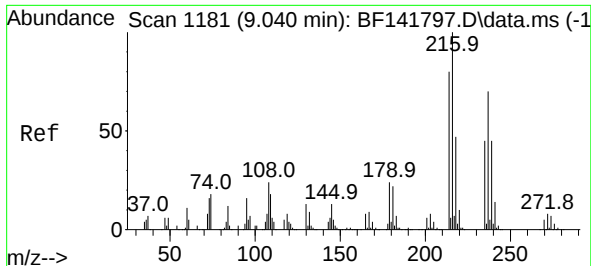
216 100

214 78.5 63.5 95.3

179 22.7 18.1 27.1

108 22.4 16.4 24.6

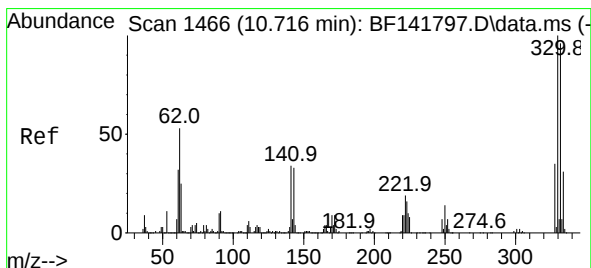
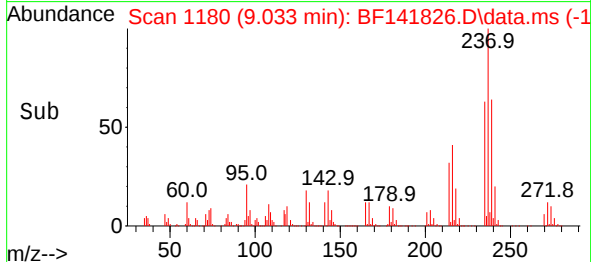
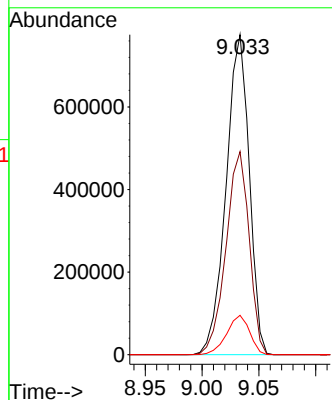
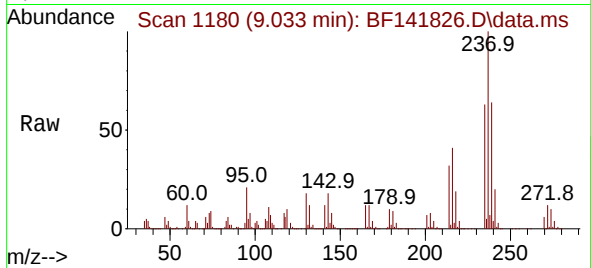




#41
Hexachlorocyclopentadiene
Concen: 140.707 ng
RT: 9.033 min Scan# 1181
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

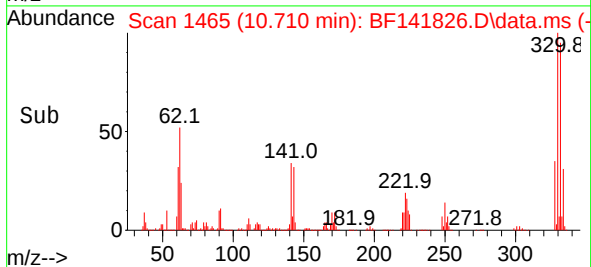
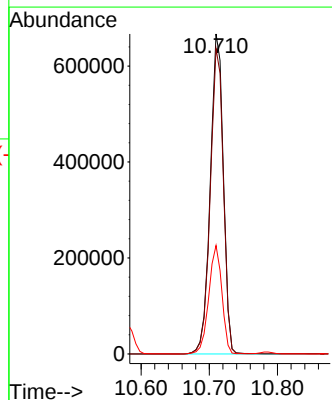
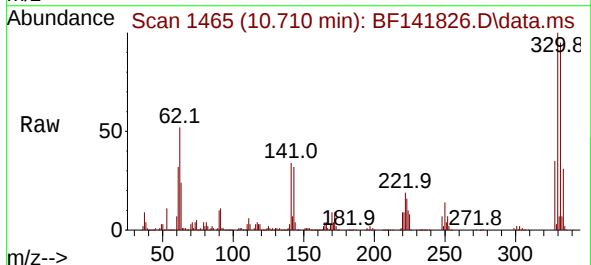
Instrument :
BNA_F
ClientSampleId :
PB166957BS

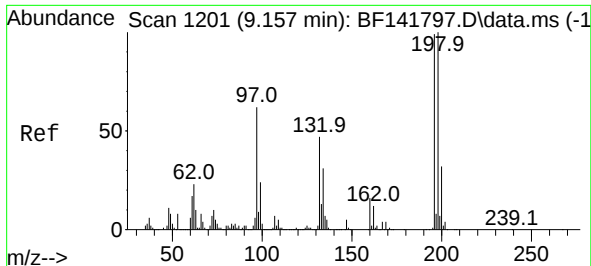
Tgt Ion:237 Resp: 1098585
Ion Ratio Lower Upper
237 100
235 63.5 43.3 83.3
272 12.3 0.0 31.9



#42
2,4,6-Tribromophenol
Concen: 146.635 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:330 Resp: 891755
Ion Ratio Lower Upper
330 100
332 95.8 76.6 115.0
141 34.0 29.0 43.4





#43

2,4,6-Trichlorophenol

Concen: 44.559 ng

RT: 9.151 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

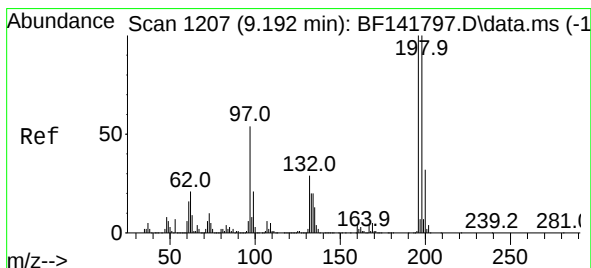
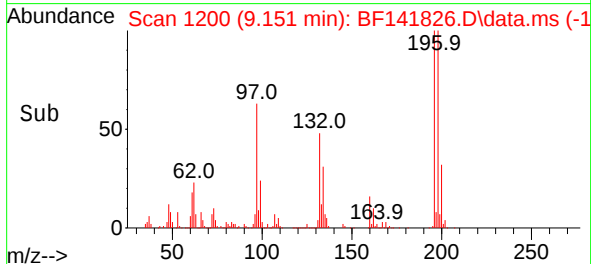
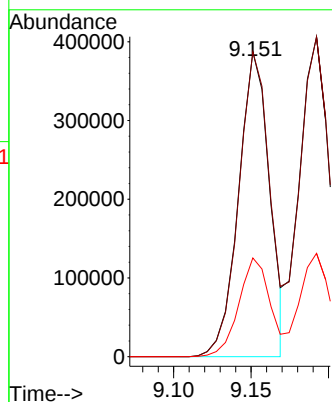
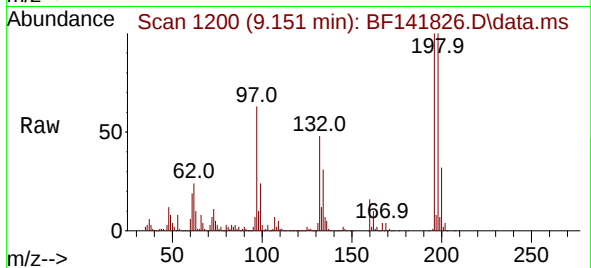
Tgt Ion:196 Resp: 538491

Ion Ratio Lower Upper

196 100

198 100.1 80.4 120.6

200 32.4 25.7 38.5



#44

2,4,5-Trichlorophenol

Concen: 45.619 ng

RT: 9.192 min Scan# 1207

Delta R.T. -0.000 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Tgt Ion:196 Resp: 545918

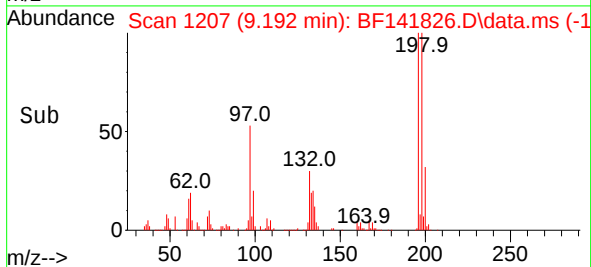
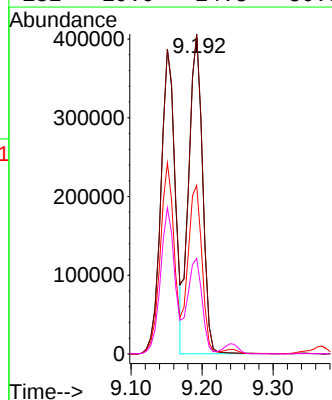
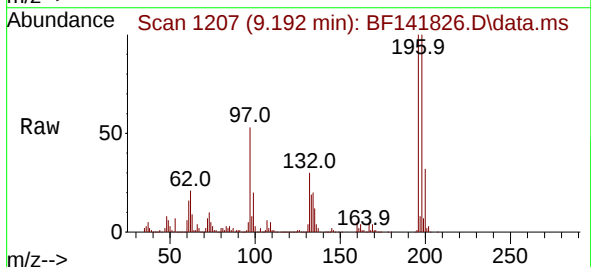
Ion Ratio Lower Upper

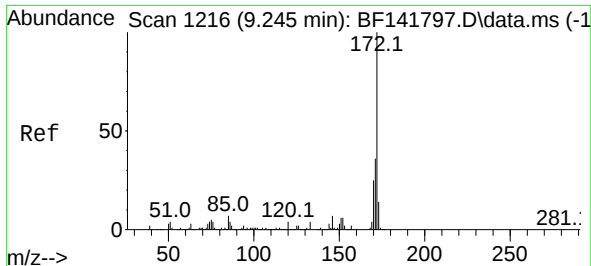
196 100

198 100.1 79.7 119.5

97 52.8 44.2 66.2

132 29.9 24.3 36.5





#45

2-Fluorobiphenyl

Concen: 90.056 ng

RT: 9.239 min Scan# 1215

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

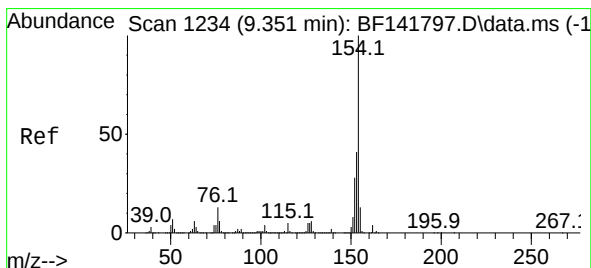
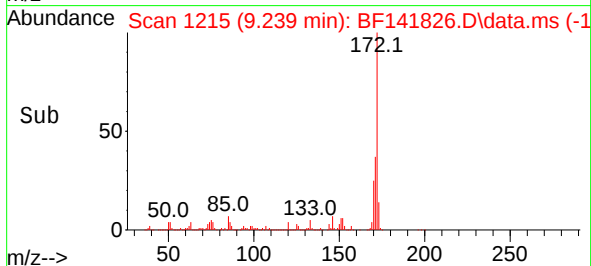
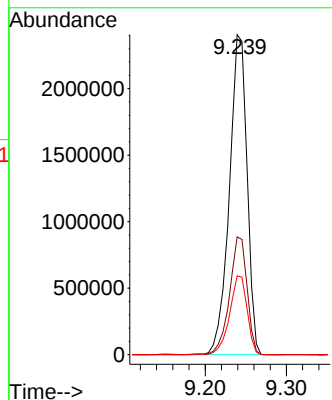
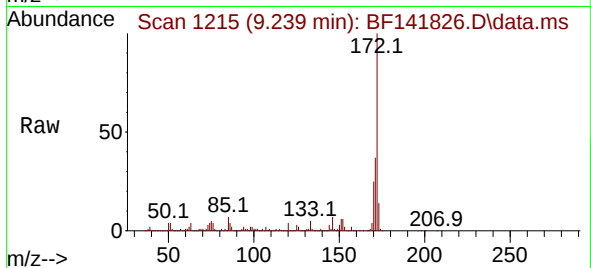
Tgt Ion:172 Resp: 3638167

Ion Ratio Lower Upper

172 100

171 36.8 29.2 43.8

170 24.6 19.7 29.5



#46

1,1'-Biphenyl

Concen: 45.581 ng

RT: 9.345 min Scan# 1233

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

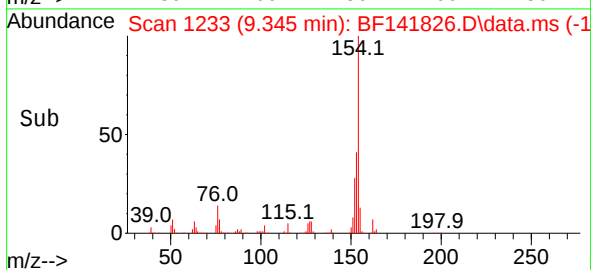
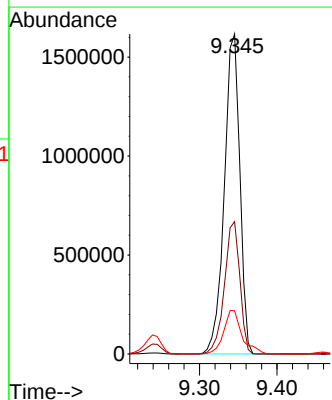
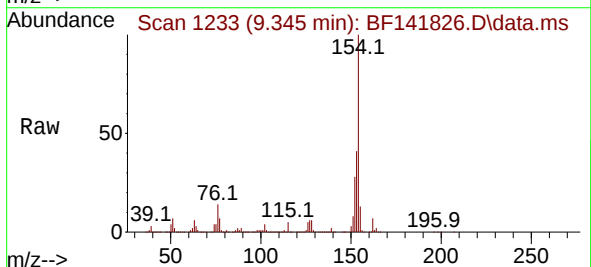
Tgt Ion:154 Resp: 2247408

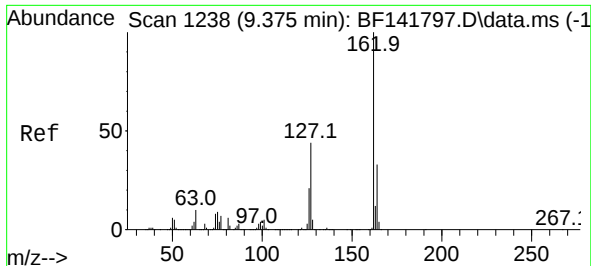
Ion Ratio Lower Upper

154 100

153 41.3 21.4 61.4

76 13.5 0.0 33.4





#47

2-Chloronaphthalene

Concen: 43.066 ng

RT: 9.369 min Scan# 1237

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

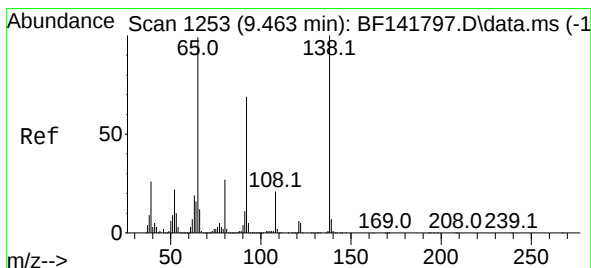
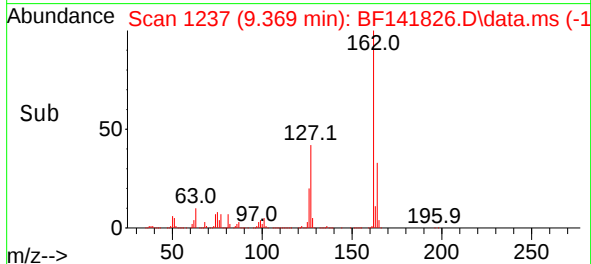
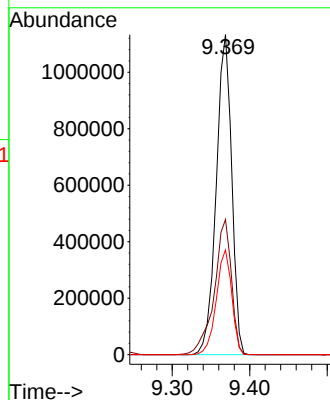
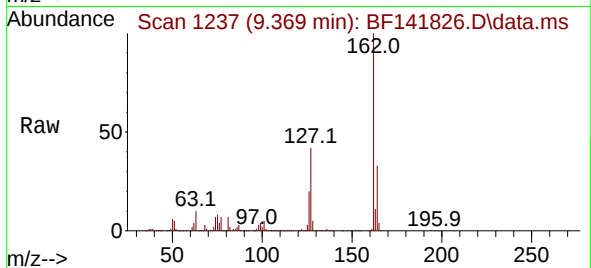
Tgt Ion:162 Resp: 1567251

Ion Ratio Lower Upper

162 100

127 42.3 35.0 52.6

164 32.8 26.6 40.0



#48

2-Nitroaniline

Concen: 48.059 ng

RT: 9.457 min Scan# 1252

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

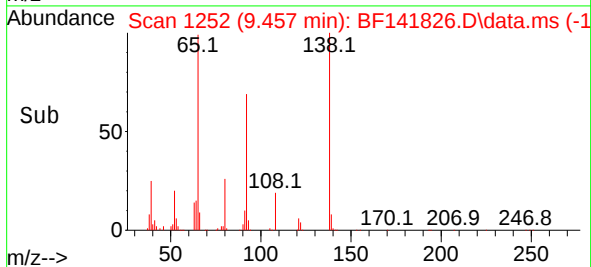
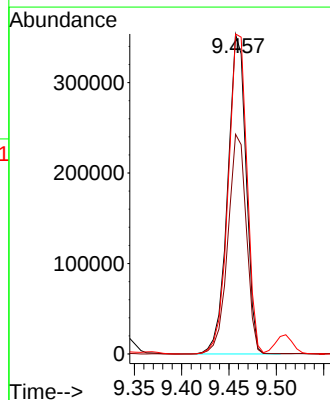
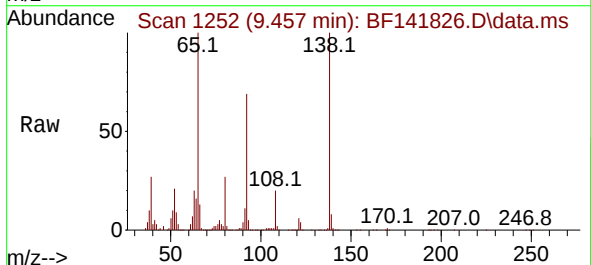
Tgt Ion: 65 Resp: 478794

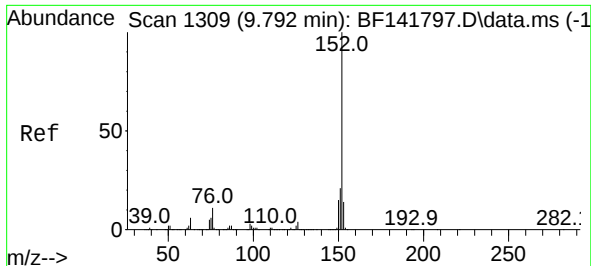
Ion Ratio Lower Upper

65 100

92 68.7 55.7 83.5

138 100.1 80.6 121.0

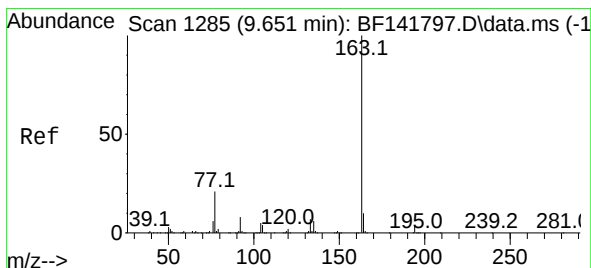
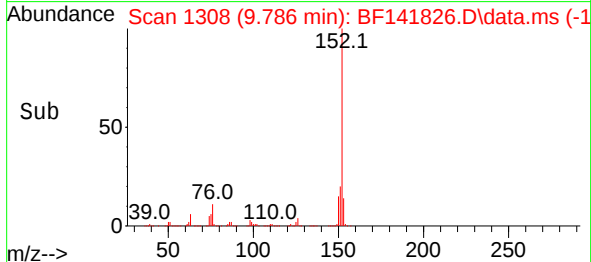
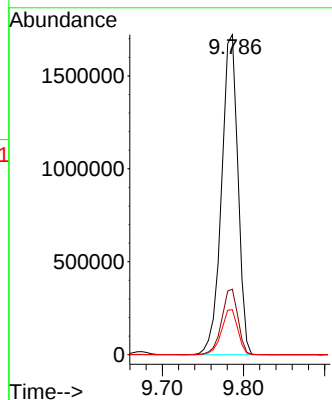
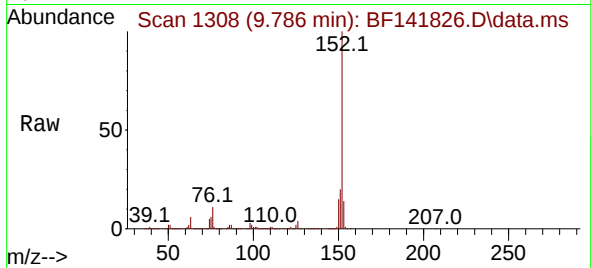




#49
Acenaphthylene
Concen: 44.342 ng
RT: 9.786 min Scan# 1309
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

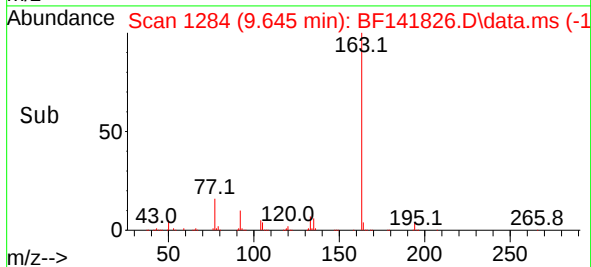
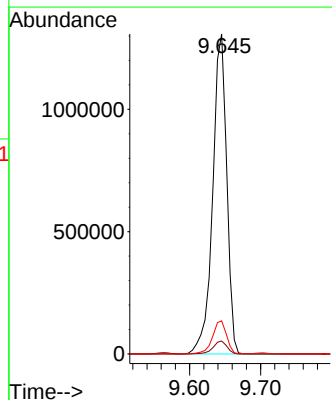
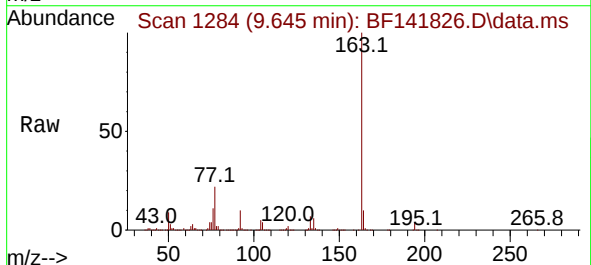
Instrument :
BNA_F
ClientSampleId :
PB166957BS

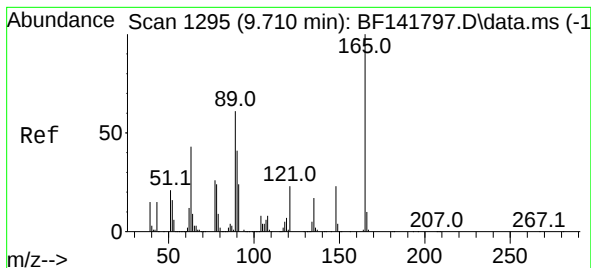
Tgt Ion:152 Resp: 2419425
Ion Ratio Lower Upper
152 100
151 20.4 16.6 24.8
153 14.0 11.2 16.8



#50
Dimethylphthalate
Concen: 41.335 ng
RT: 9.645 min Scan# 1284
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:163 Resp: 1793109
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.3 8.4 12.6





#51

2,6-Dinitrotoluene

Concen: 46.046 ng

RT: 9.704 min Scan# 1295

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

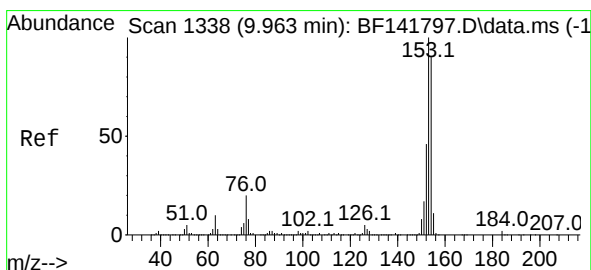
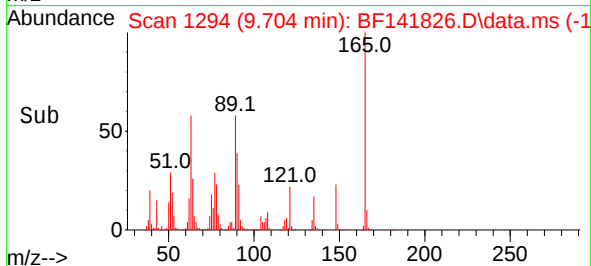
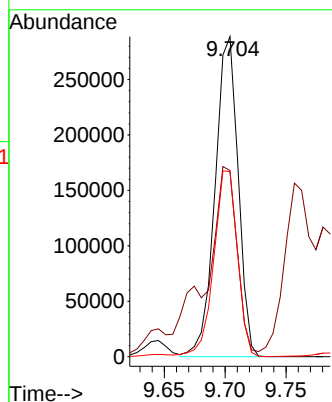
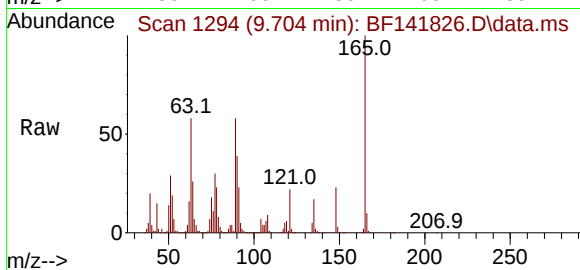
Tgt Ion:165 Resp: 381103

Ion Ratio Lower Upper

165 100

63 58.2 49.5 74.3

89 57.8 49.0 73.4



#52

Acenaphthene

Concen: 46.426 ng

RT: 9.957 min Scan# 1337

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

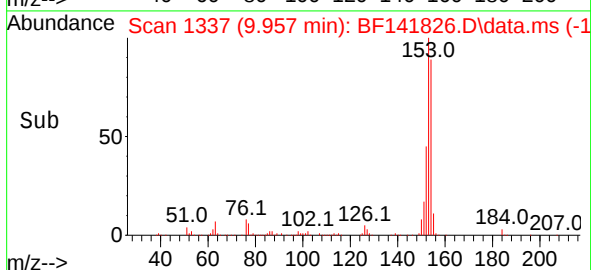
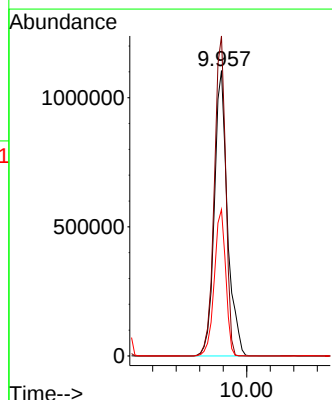
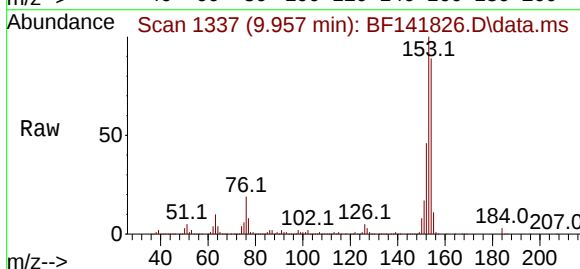
Tgt Ion:154 Resp: 1709248

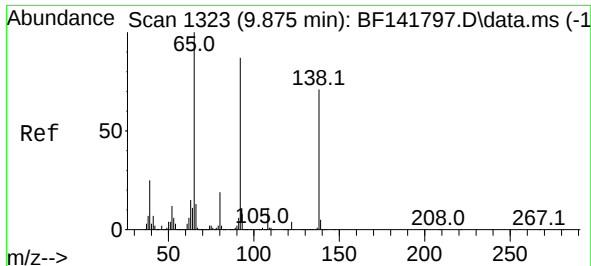
Ion Ratio Lower Upper

154 100

153 112.1 88.7 133.1

152 51.3 40.9 61.3





#53

3-Nitroaniline

Concen: 28.525 ng

RT: 9.869 min Scan# 1322

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

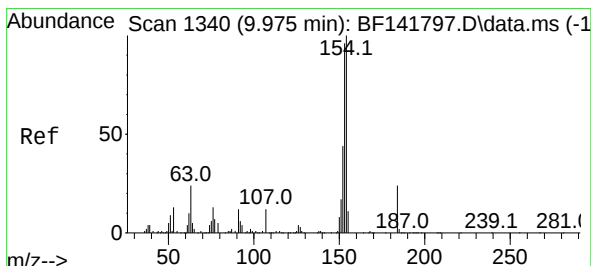
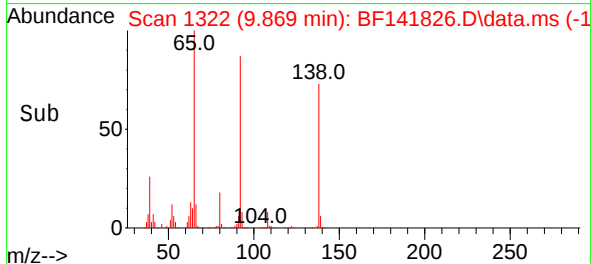
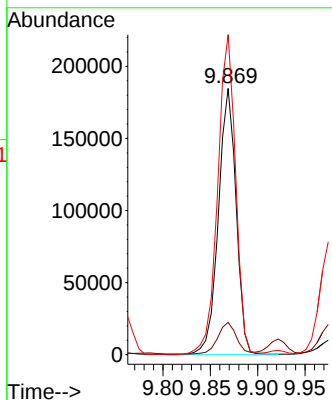
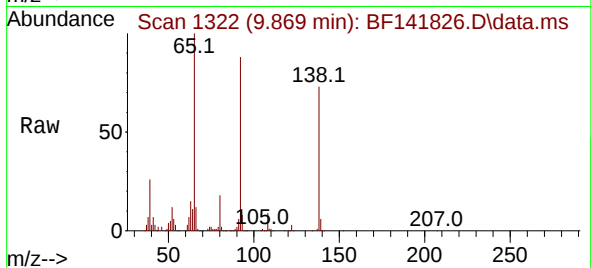
Tgt Ion:138 Resp: 240809

Ion Ratio Lower Upper

138 100

108 12.1 12.7 19.1#

92 120.2 97.9 146.9



#54

2,4-Dinitrophenol

Concen: 97.096 ng

RT: 9.975 min Scan# 1340

Delta R.T. -0.000 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

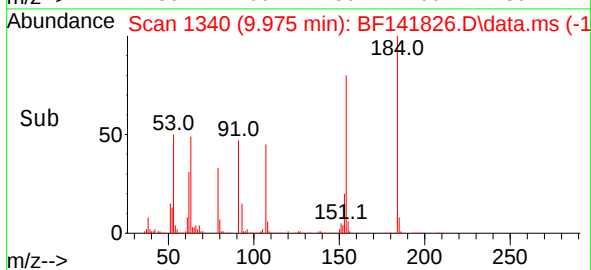
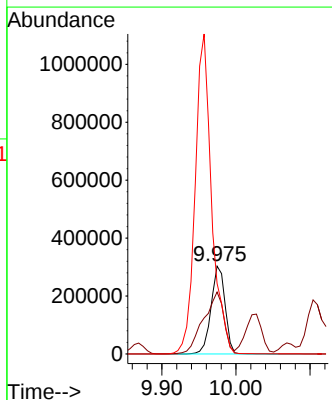
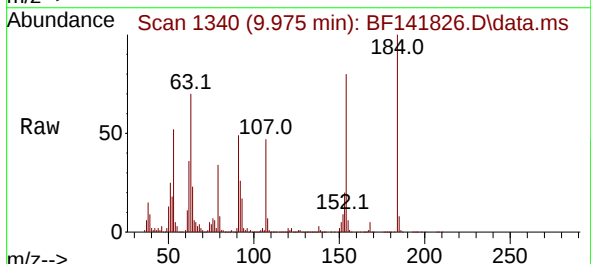
Tgt Ion:184 Resp: 397720

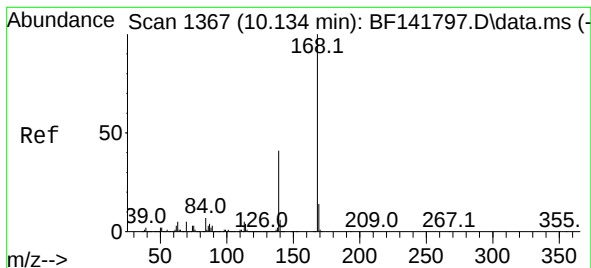
Ion Ratio Lower Upper

184 100

63 70.5 79.0 118.6#

154 80.3 335.8 503.8#





#55

Dibenzenofuran

Concen: 40.304 ng

RT: 10.127 min Scan# 1366

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

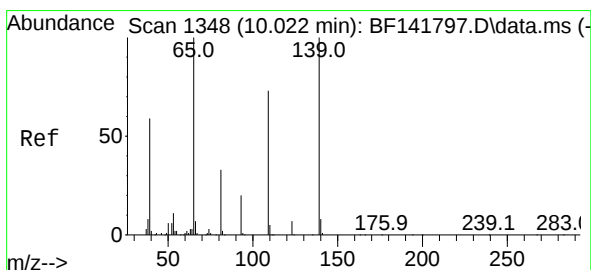
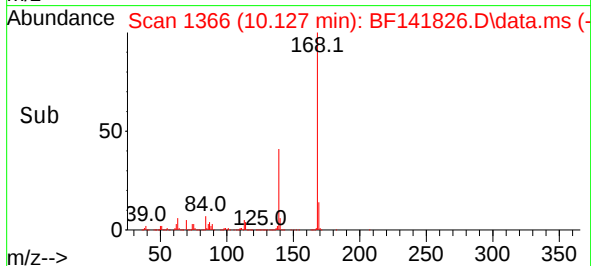
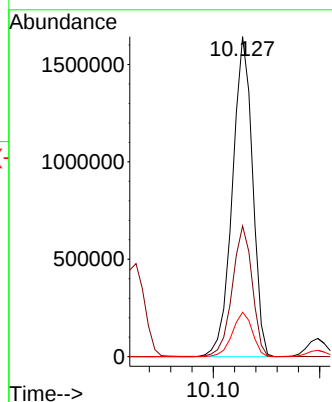
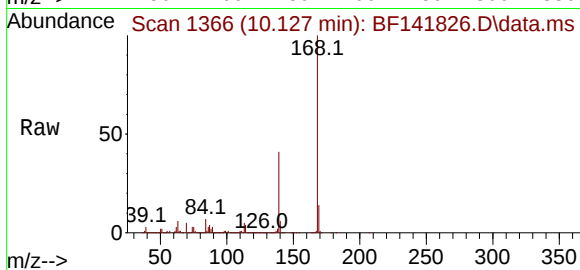
Tgt Ion:168 Resp: 2159728

Ion Ratio Lower Upper

168 100

139 40.8 32.9 49.3

169 13.9 11.1 16.7



#56

4-Nitrophenol

Concen: 113.699 ng

RT: 10.028 min Scan# 1349

Delta R.T. 0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

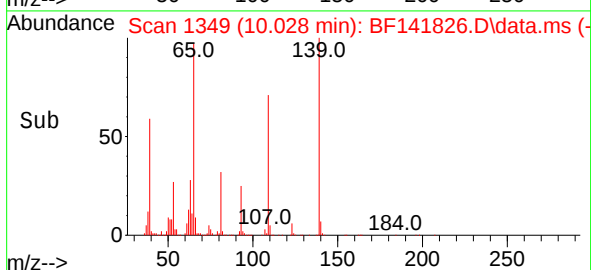
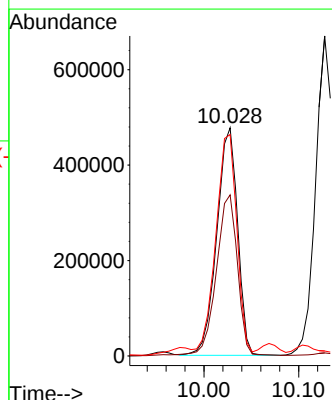
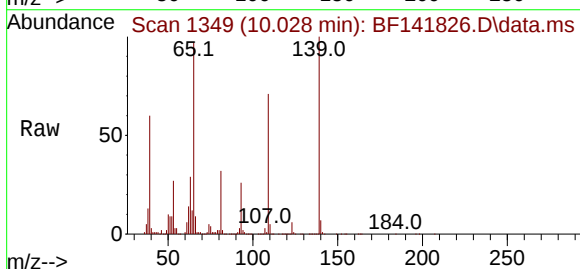
Tgt Ion:139 Resp: 728478

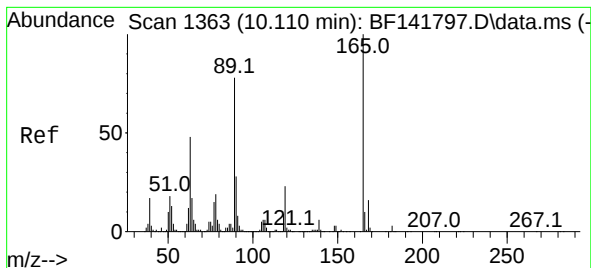
Ion Ratio Lower Upper

139 100

109 70.6 53.4 93.4

65 97.0 82.1 122.1





#57

2,4-Dinitrotoluene

Concen: 50.715 ng

RT: 10.104 min Scan# 141

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

Tgt Ion:165 Resp: 516243

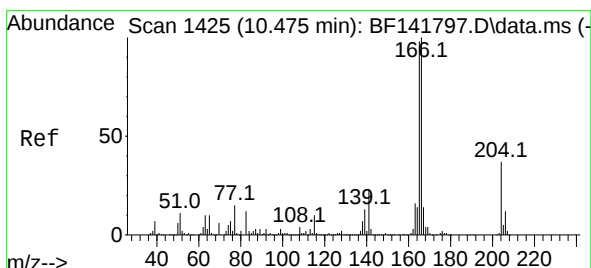
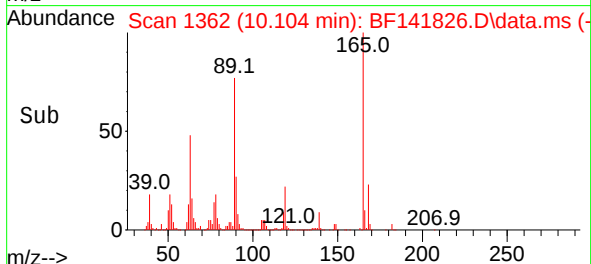
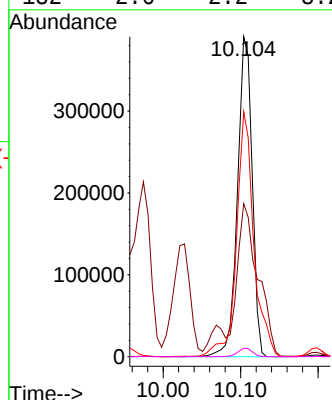
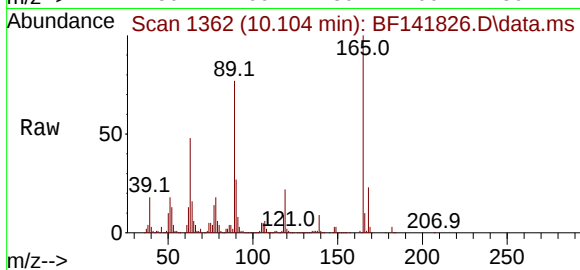
Ion Ratio Lower Upper

165 100

63 47.8 38.8 58.2

89 76.5 62.6 94.0

182 2.6 2.2 3.2



#58

Fluorene

Concen: 41.684 ng

RT: 10.469 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

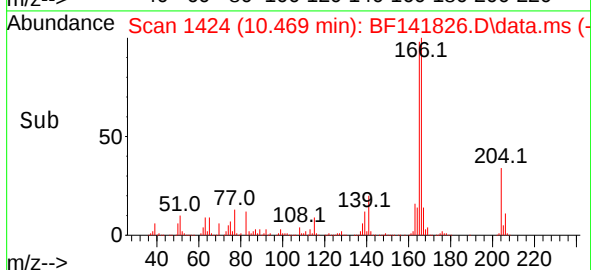
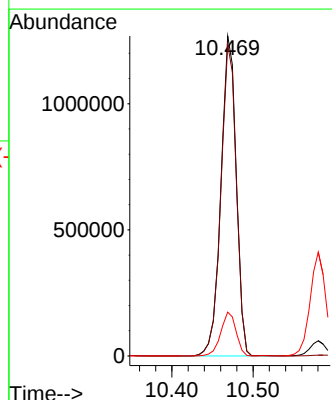
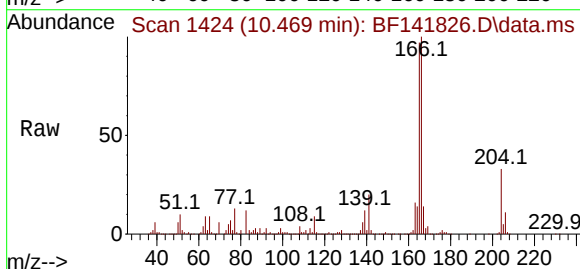
Tgt Ion:166 Resp: 1673154

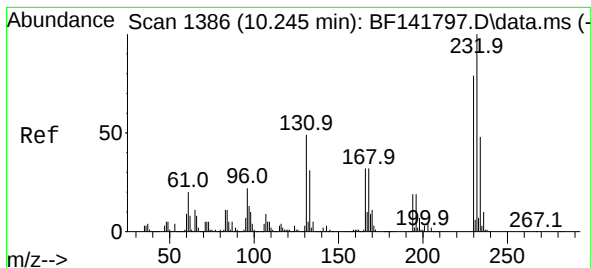
Ion Ratio Lower Upper

166 100

165 97.3 78.6 117.8

167 13.7 11.0 16.4





#59

2,3,4,6-Tetrachlorophenol

Concen: 43.576 ng

RT: 10.239 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

Tgt Ion:232 Resp: 453528

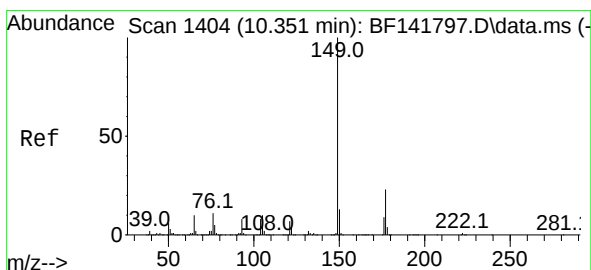
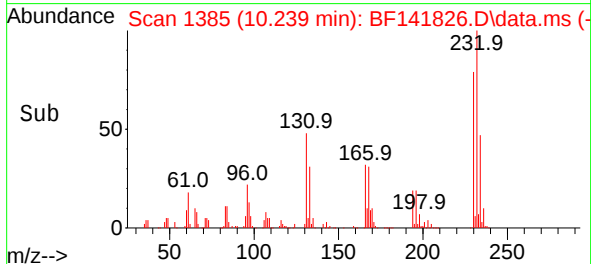
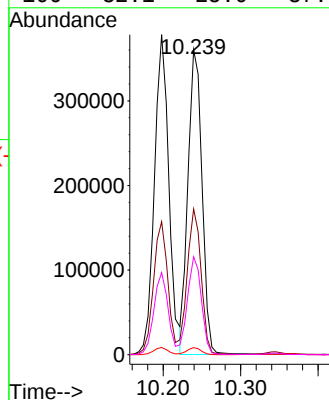
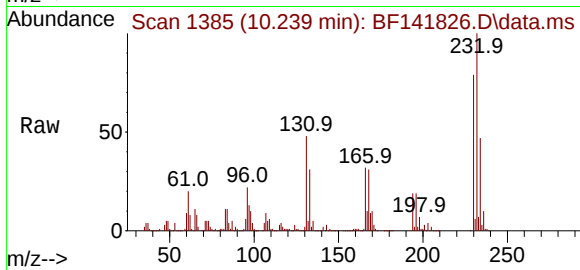
Ion Ratio Lower Upper

232 100

131 47.7 37.8 56.8

130 2.3 2.0 3.0

166 32.1 25.0 37.4



#60

Diethylphthalate

Concen: 39.920 ng

RT: 10.345 min Scan# 1403

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

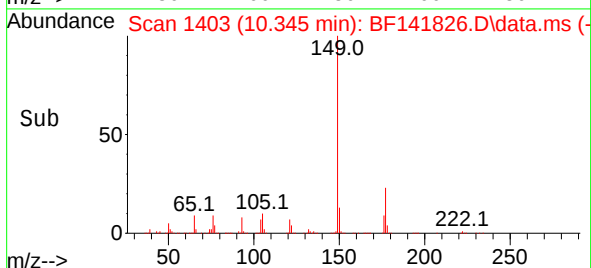
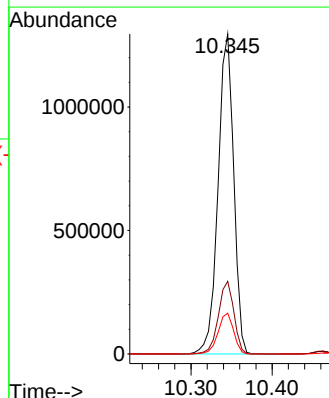
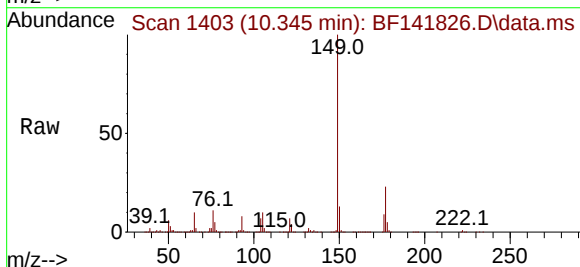
Tgt Ion:149 Resp: 1736070

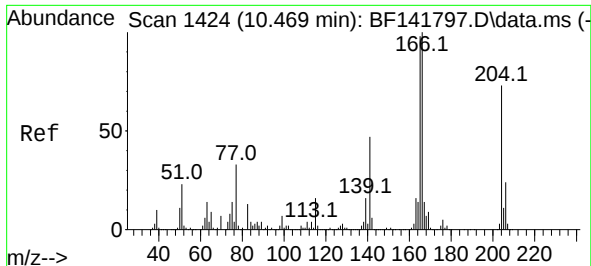
Ion Ratio Lower Upper

149 100

177 22.7 18.3 27.5

150 12.7 10.3 15.5

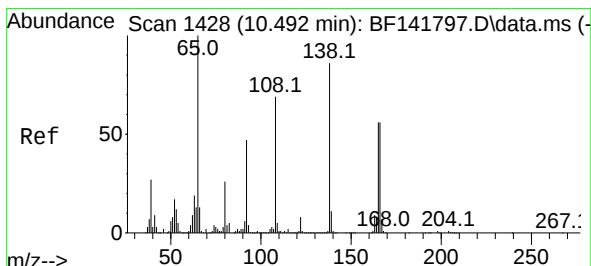
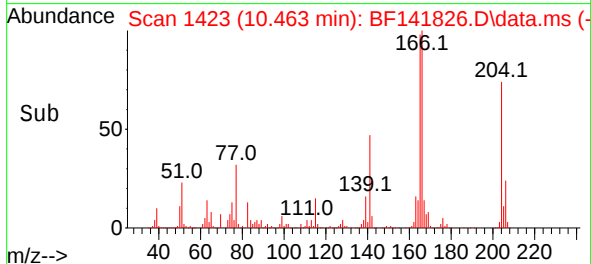
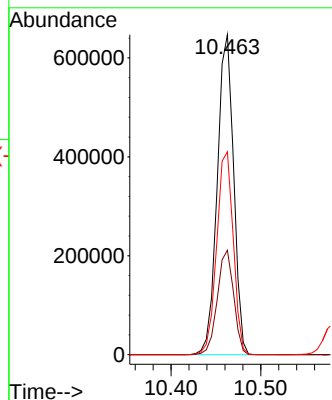
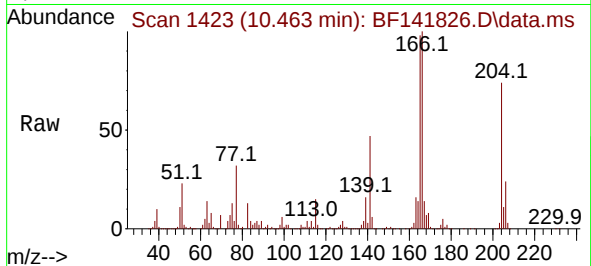




#61
4-Chlorophenyl-phenylether
Concen: 40.795 ng
RT: 10.463 min Scan# 1423
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

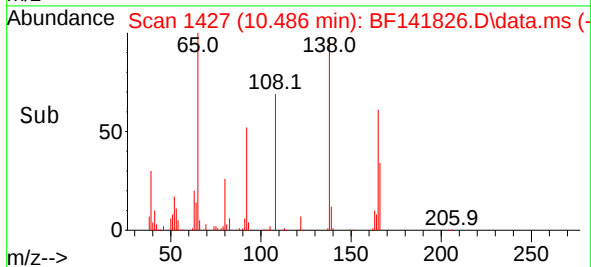
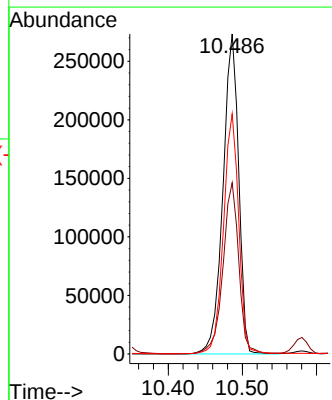
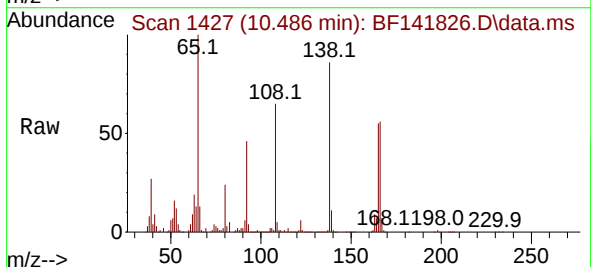
Instrument :
BNA_F
ClientSampleId :
PB166957BS

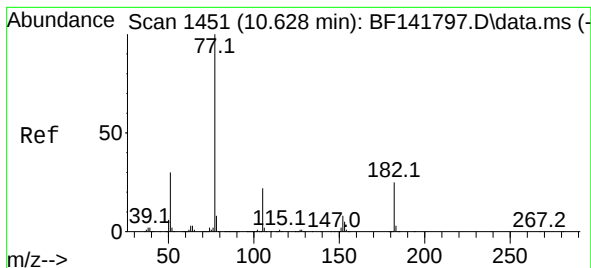
Tgt Ion:204 Resp: 820428
Ion Ratio Lower Upper
204 100
206 32.7 26.2 39.4
141 63.4 51.7 77.5



#62
4-Nitroaniline
Concen: 54.340 ng
RT: 10.486 min Scan# 1427
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:138 Resp: 402567
Ion Ratio Lower Upper
138 100
92 53.5 34.9 74.9
108 75.0 59.6 99.6





#63

Azobenzene

Concen: 39.271 ng

RT: 10.622 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

Tgt Ion: 77 Resp: 1798212

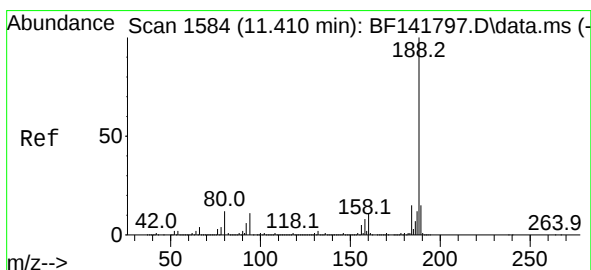
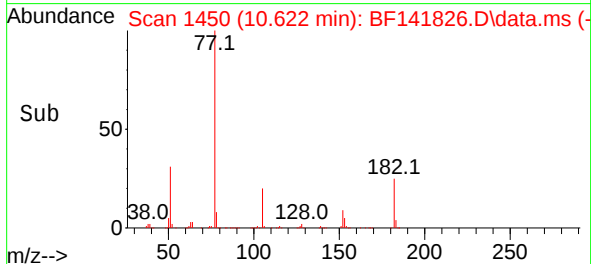
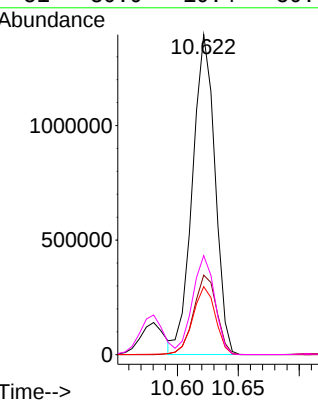
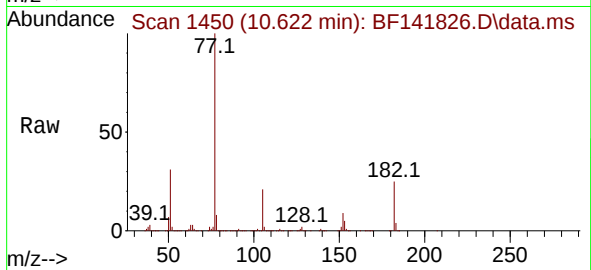
Ion Ratio Lower Upper

77 100

182 24.8 4.2 44.2

105 21.3 1.5 41.5

51 30.9 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

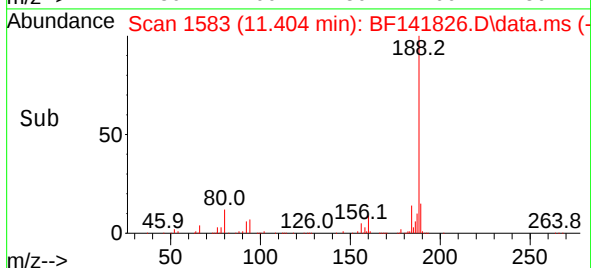
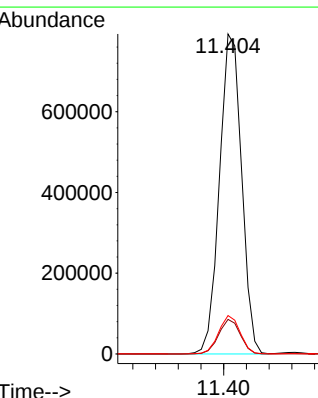
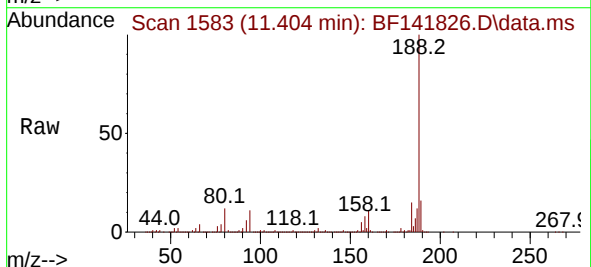
Tgt Ion:188 Resp: 1070678

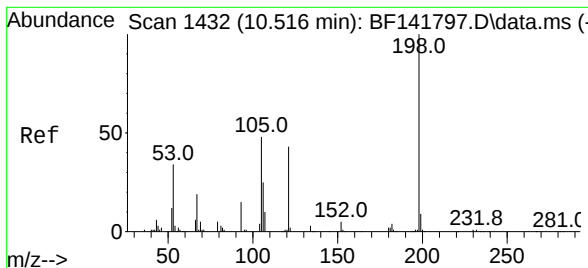
Ion Ratio Lower Upper

188 100

94 10.8 8.9 13.3

80 12.0 9.7 14.5

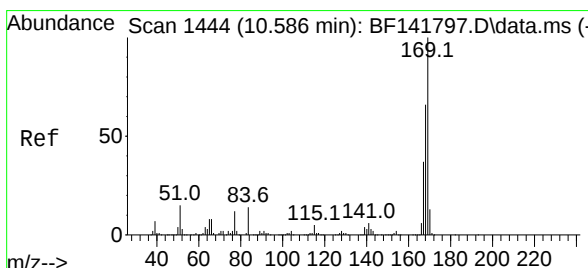
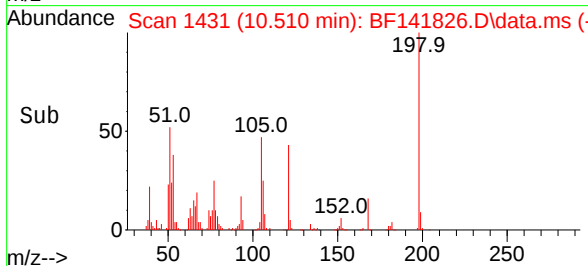
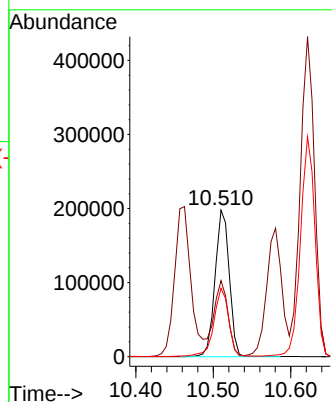
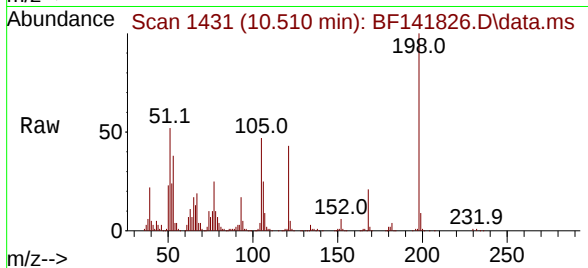




#65
4,6-Dinitro-2-methylphenol
Concen: 49.545 ng
RT: 10.510 min Scan# 1432
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

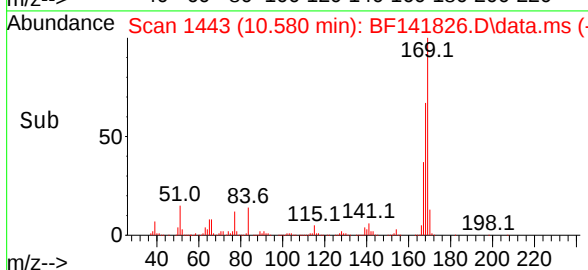
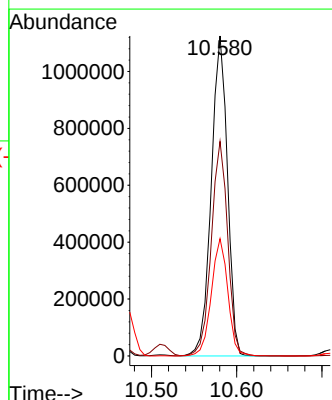
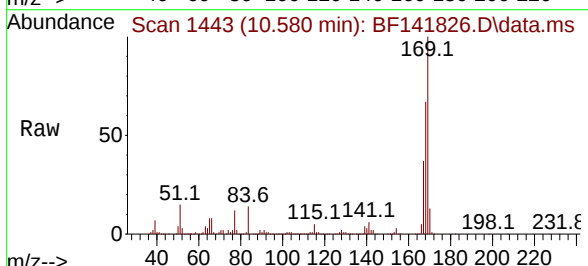
Instrument :
BNA_F
ClientSampleId :
PB166957BS

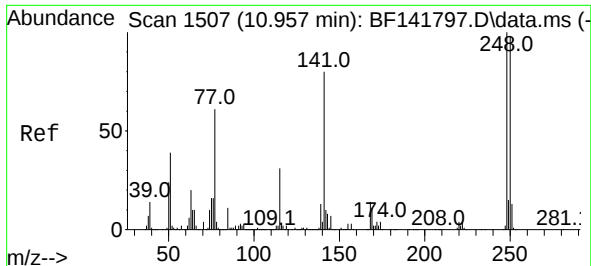
Tgt Ion:198 Resp: 251389
Ion Ratio Lower Upper
198 100
51 51.9 32.1 72.1
105 46.8 28.5 68.5



#66
n-Nitrosodiphenylamine
Concen: 42.175 ng
RT: 10.580 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:169 Resp: 1482764
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.6 29.3 43.9

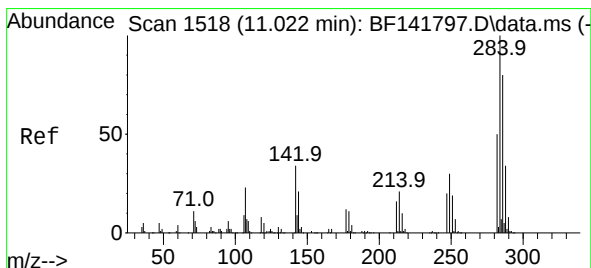
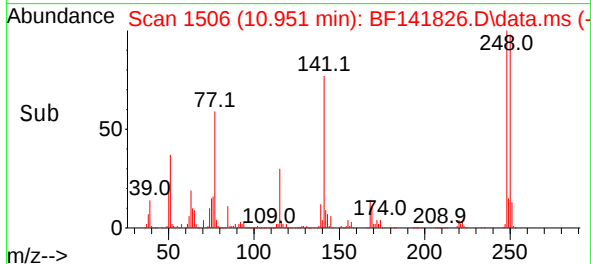
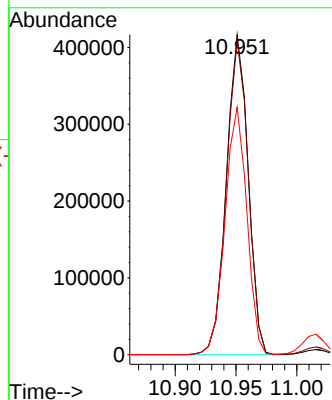
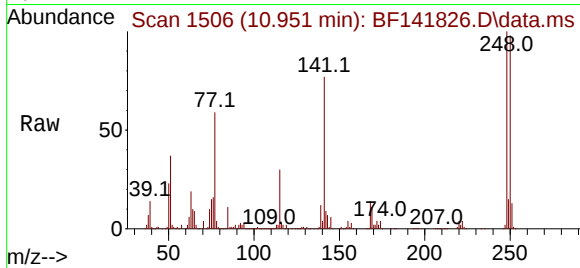




#67
4-Bromophenyl-phenylether
Concen: 41.658 ng
RT: 10.951 min Scan# 1506
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

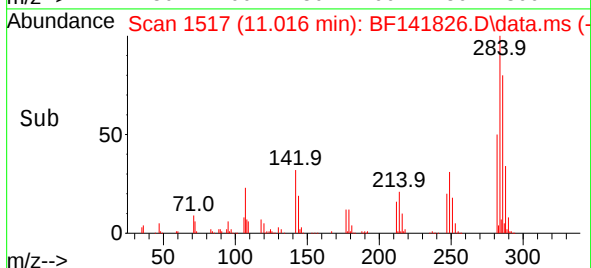
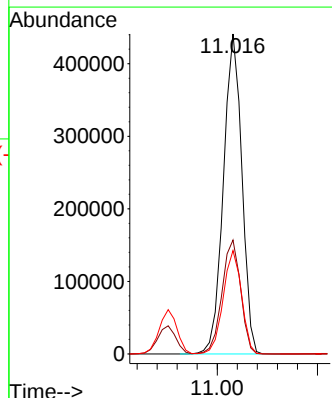
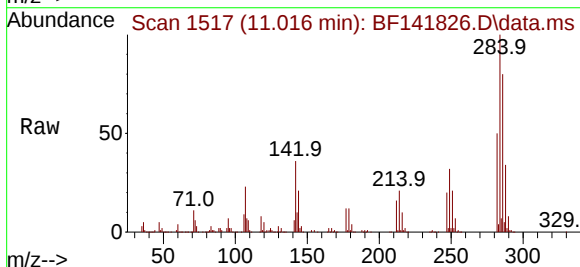
Instrument :
BNA_F
ClientSampleId :
PB166957BS

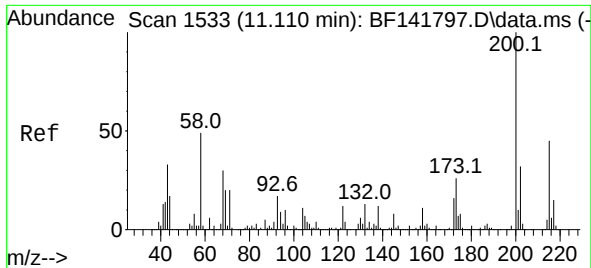
Tgt Ion:248 Resp: 520971
Ion Ratio Lower Upper
248 100
250 98.2 78.1 117.1
141 77.3 64.3 96.5



#68
Hexachlorobenzene
Concen: 42.558 ng
RT: 11.016 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:284 Resp: 562016
Ion Ratio Lower Upper
284 100
142 35.6 28.2 42.2
249 32.3 25.5 38.3

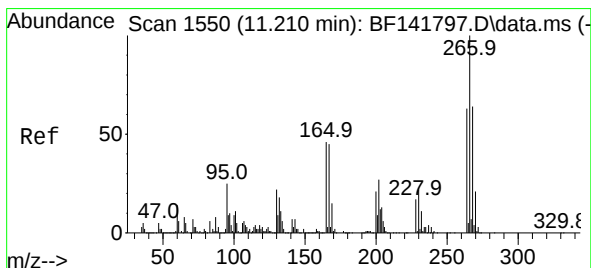
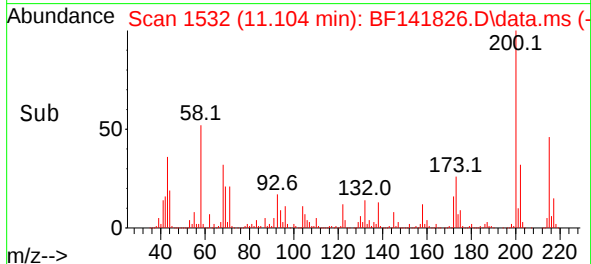
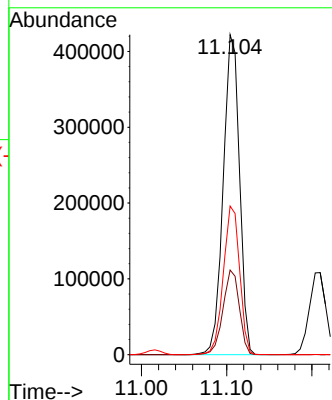
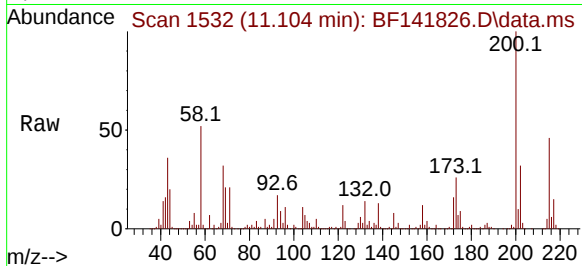




#69
Atrazine
Concen: 58.020 ng
RT: 11.104 min Scan# 1532
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

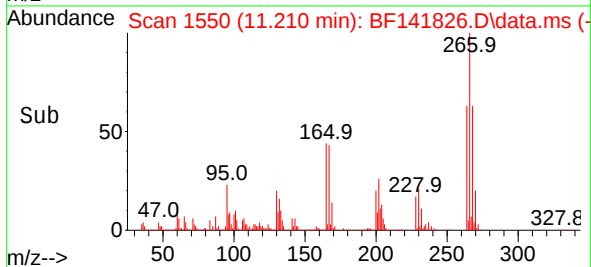
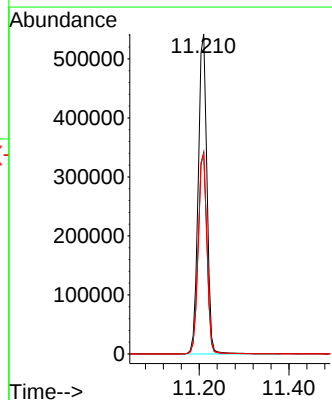
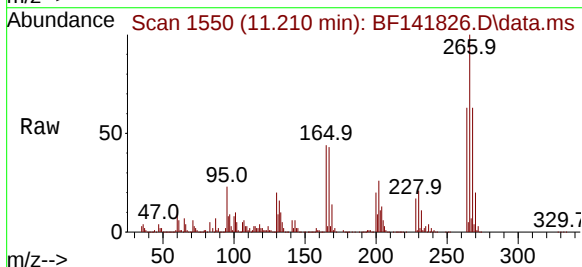
Instrument :
BNA_F
ClientSampleId :
PB166957BS

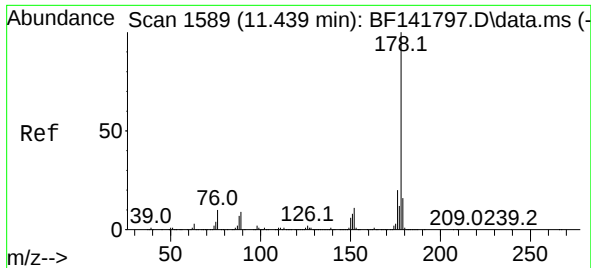
Tgt Ion:200 Resp: 560941
Ion Ratio Lower Upper
200 100
173 26.5 5.6 45.6
215 46.4 25.3 65.3



#70
Pentachlorophenol
Concen: 87.240 ng
RT: 11.210 min Scan# 1550
Delta R.T. -0.000 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:266 Resp: 730696
Ion Ratio Lower Upper
266 100
268 63.0 50.9 76.3
264 62.7 50.2 75.4

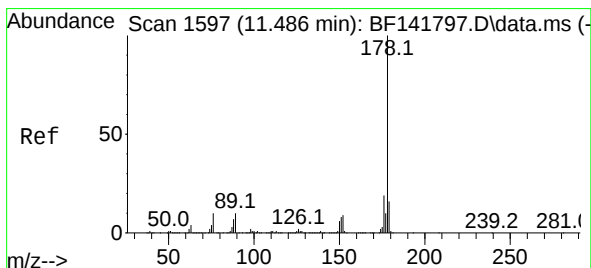
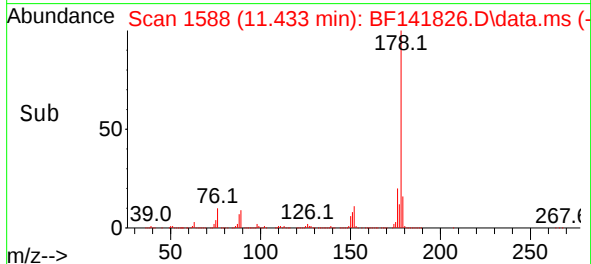
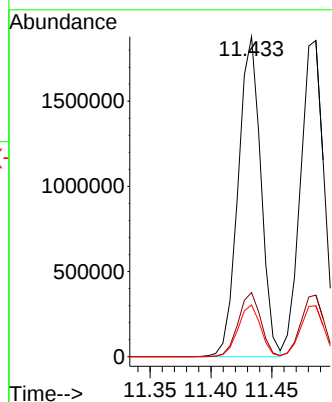
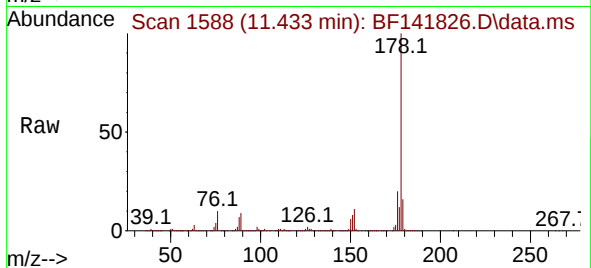




#71
Phenanthrene
Concen: 42.534 ng
RT: 11.433 min Scan# 1588
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

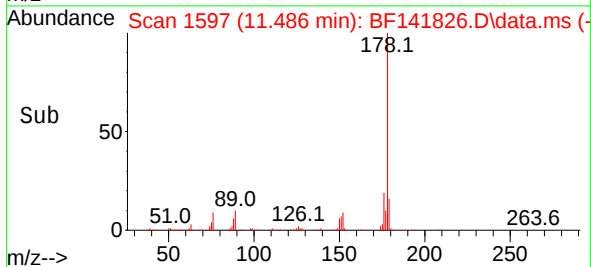
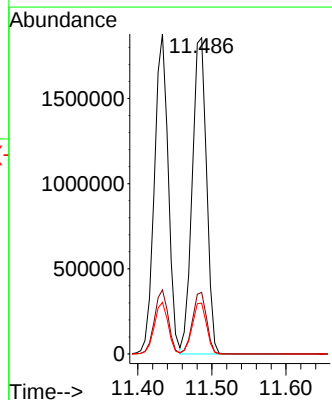
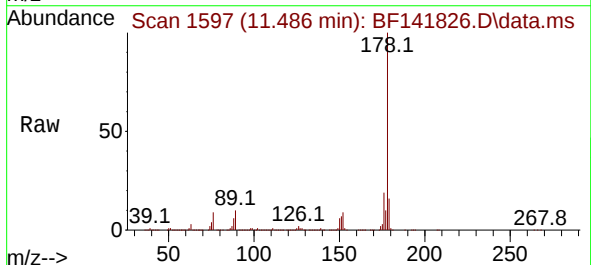
Instrument :
BNA_F
ClientSampleId :
PB166957BS

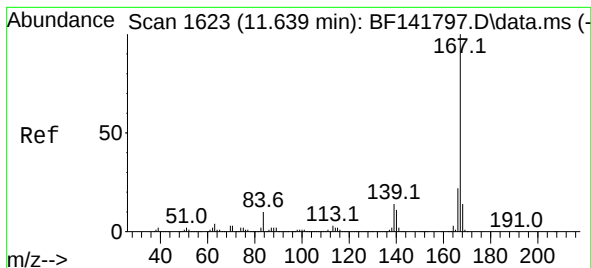
Tgt Ion:178 Resp: 2435929
Ion Ratio Lower Upper
178 100
176 20.1 16.0 24.0
179 16.2 12.6 19.0



#72
Anthracene
Concen: 43.327 ng
RT: 11.486 min Scan# 1597
Delta R.T. -0.000 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:178 Resp: 2486891
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.0
179 16.1 12.8 19.2





#73

Carbazole

Concen: 43.660 ng

RT: 11.633 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

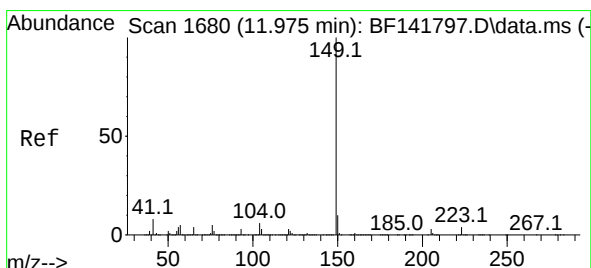
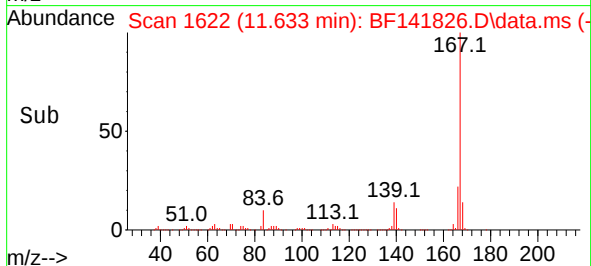
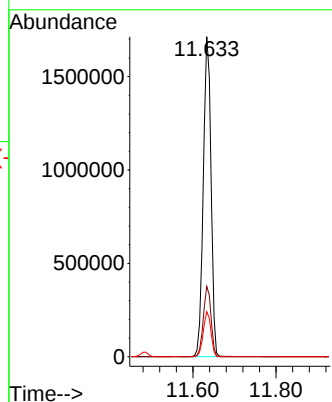
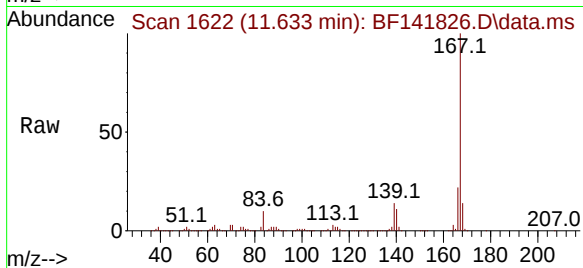
Tgt Ion:167 Resp: 2212995

Ion Ratio Lower Upper

167 100

166 22.0 17.5 26.3

139 14.1 11.3 16.9



#74

Di-n-butylphthalate

Concen: 39.584 ng

RT: 11.969 min Scan# 1679

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

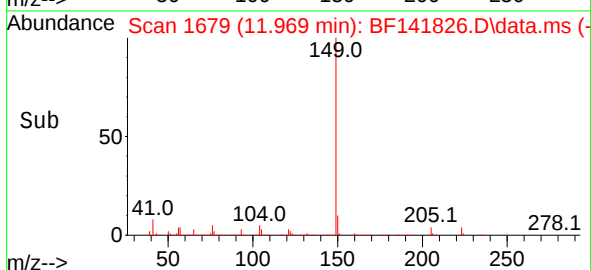
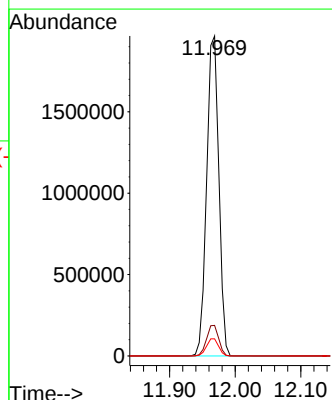
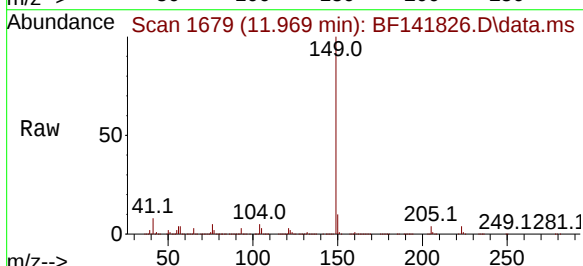
Tgt Ion:149 Resp: 2543275

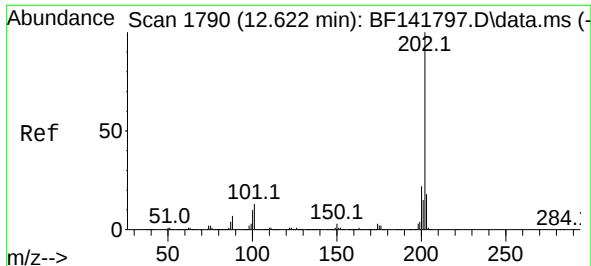
Ion Ratio Lower Upper

149 100

150 9.6 7.7 11.5

104 5.4 4.4 6.6

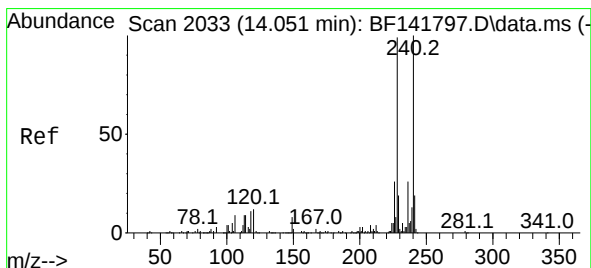
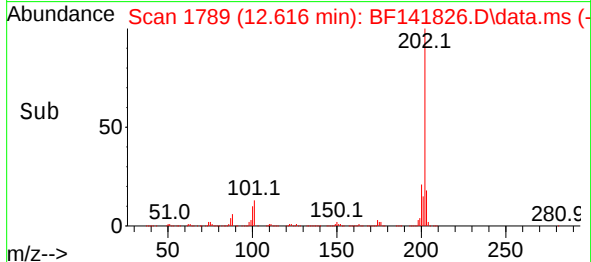
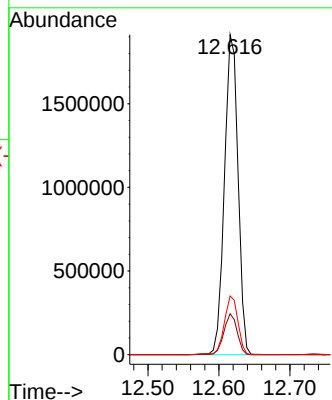
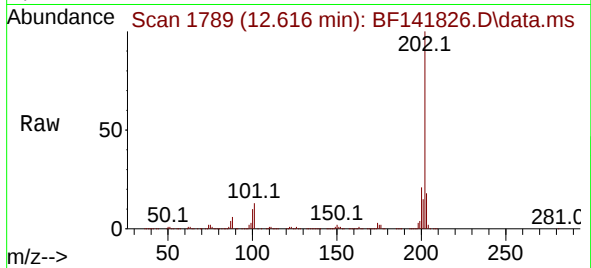




#75
Fluoranthene
Concen: 43.036 ng
RT: 12.616 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

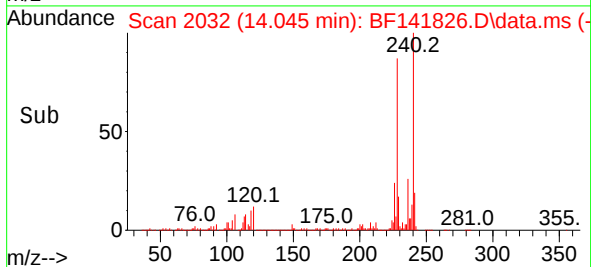
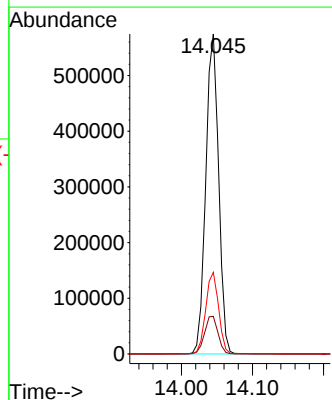
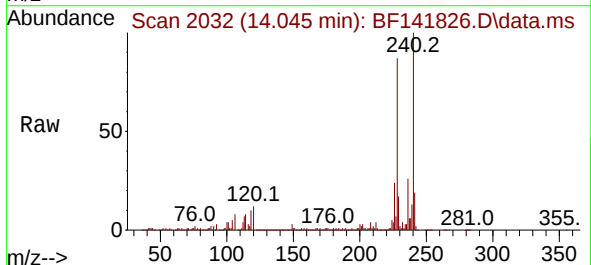
Instrument :
BNA_F
ClientSampleId :
PB166957BS

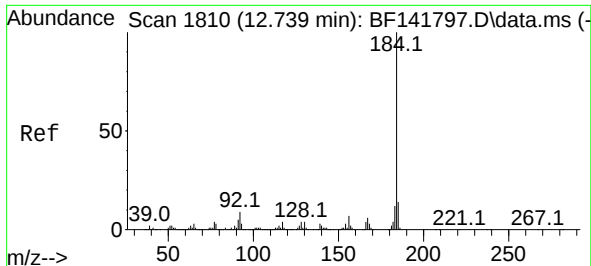
Tgt Ion:202 Resp: 2525462
Ion Ratio Lower Upper
202 100
101 12.8 0.0 32.8
203 18.4 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:240 Resp: 723159
Ion Ratio Lower Upper
240 100
120 11.8 9.7 14.5
236 25.5 21.0 31.4

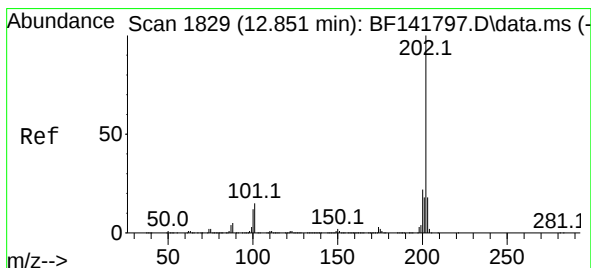
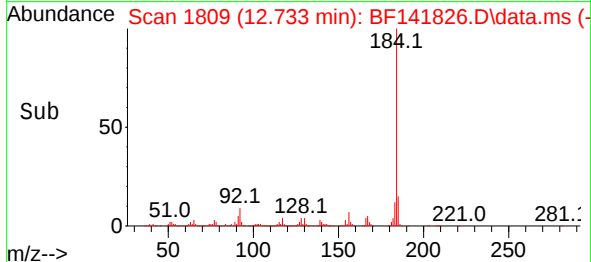
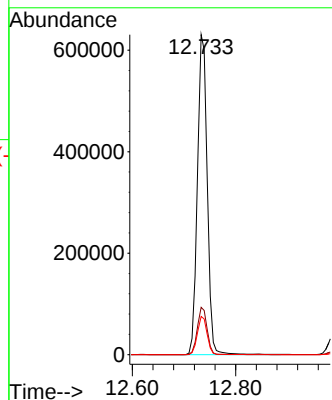
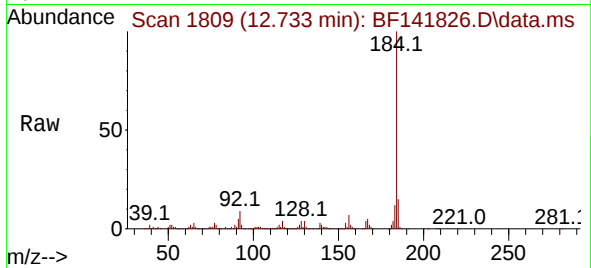




#77
Benzidine
Concen: 91.311 ng
RT: 12.733 min Scan# 1809
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

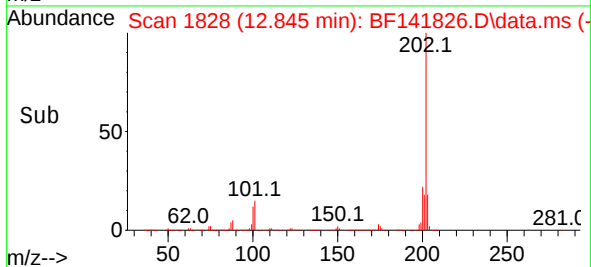
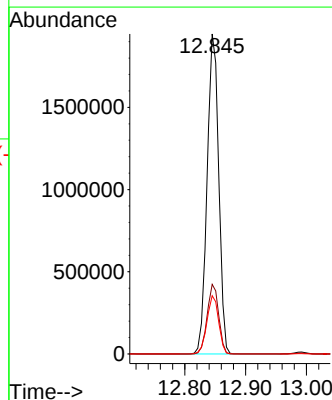
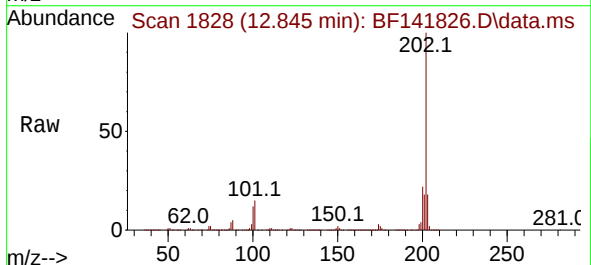
Instrument :
BNA_F
ClientSampleId :
PB166957BS

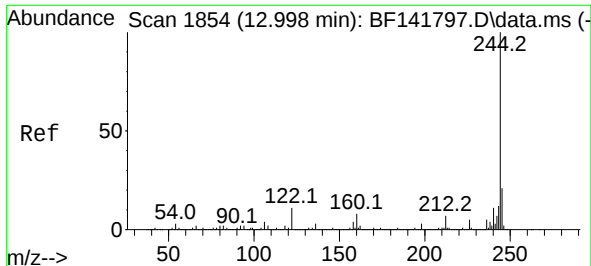
Tgt Ion:184 Resp: 831114
Ion Ratio Lower Upper
184 100
185 14.8 11.6 17.4
183 11.9 9.4 14.0



#78
Pyrene
Concen: 41.100 ng
RT: 12.845 min Scan# 1828
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:202 Resp: 2573723
Ion Ratio Lower Upper
202 100
200 21.7 17.4 26.0
203 18.2 14.6 22.0





#79

Terphenyl-d14

Concen: 89.069 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

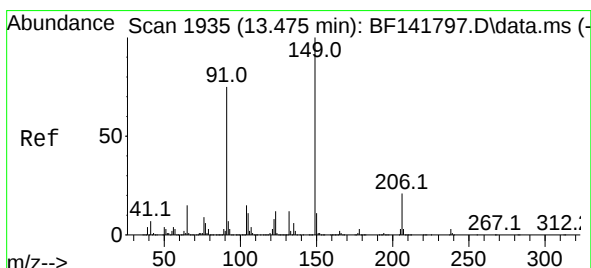
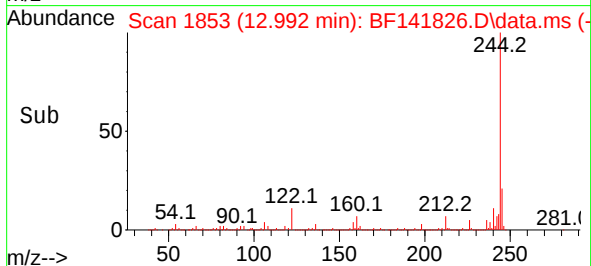
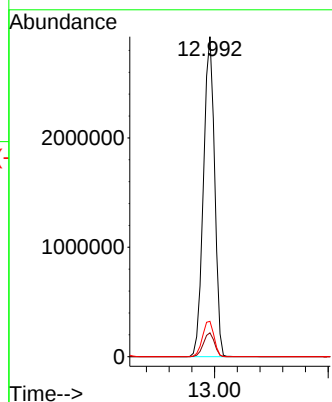
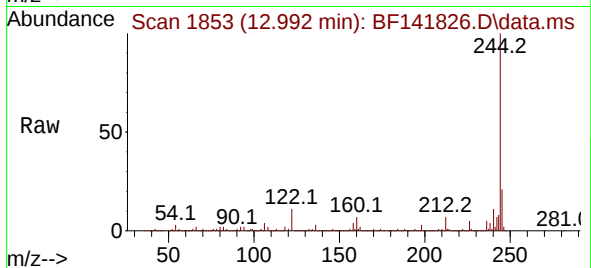
Tgt Ion:244 Resp: 3981121

Ion Ratio Lower Upper

244 100

212 7.5 6.0 9.0

122 11.0 9.0 13.6



#80

Butylbenzylphthalate

Concen: 44.108 ng

RT: 13.463 min Scan# 1933

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

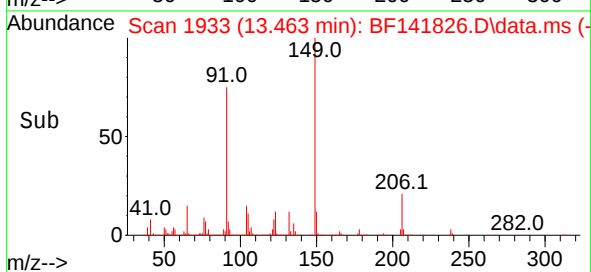
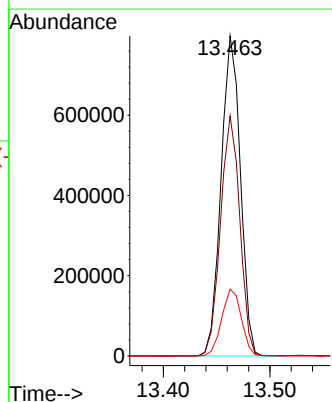
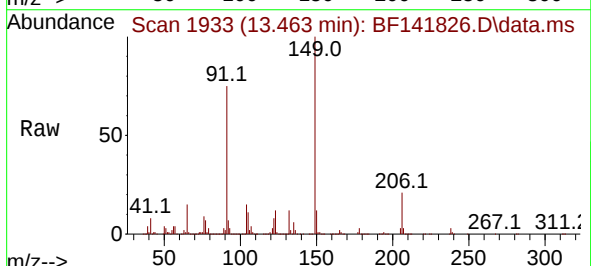
Tgt Ion:149 Resp: 1003521

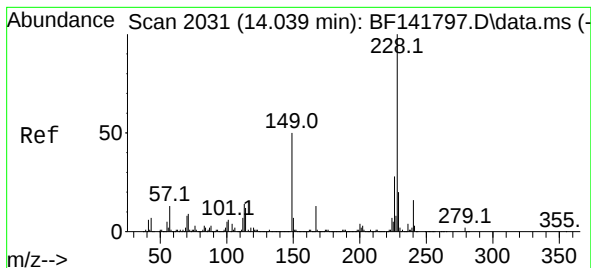
Ion Ratio Lower Upper

149 100

91 75.0 60.1 90.1

206 20.9 16.8 25.2





#81

Benzo(a)anthracene

Concen: 41.820 ng

RT: 14.033 min Scan# 2031

Delta R.T. -0.006 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

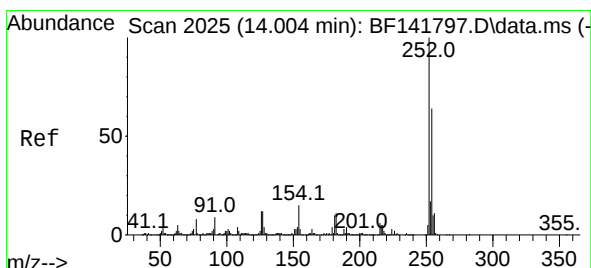
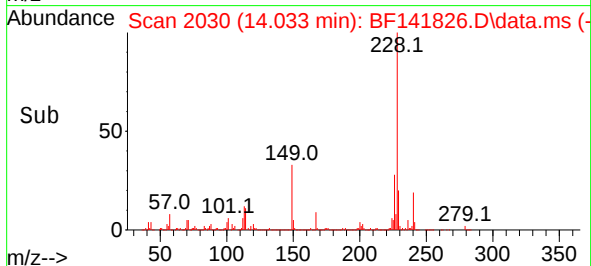
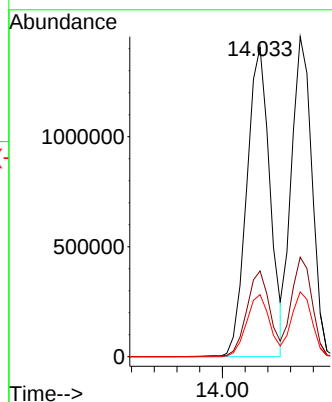
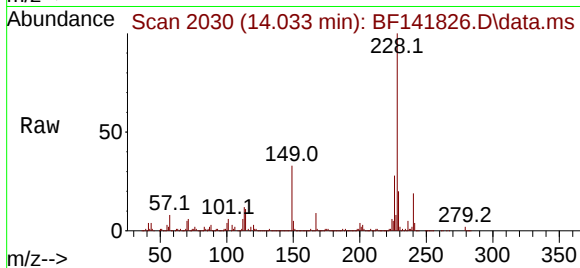
Tgt Ion:228 Resp: 1997580

Ion Ratio Lower Upper

228 100

226 27.7 22.1 33.1

229 20.1 16.1 24.1



#82

3,3'-Dichlorobenzidine

Concen: 27.161 ng

RT: 13.992 min Scan# 2023

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

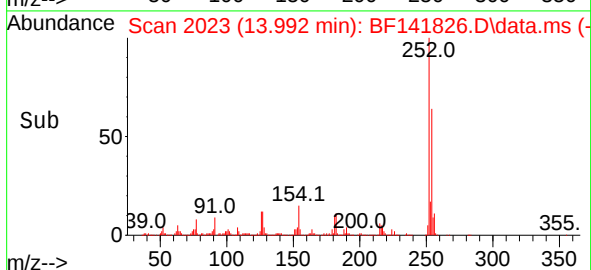
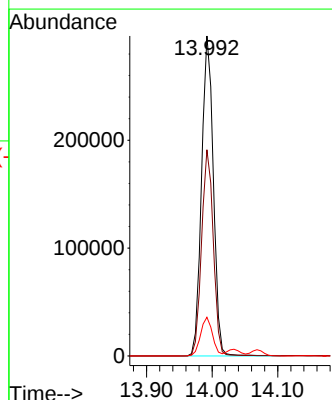
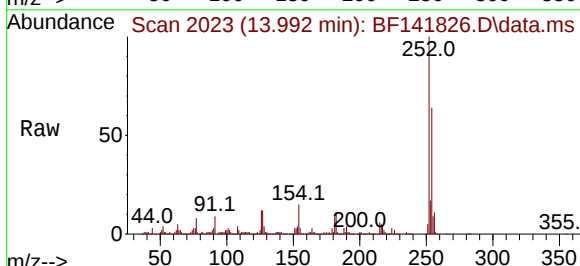
Tgt Ion:252 Resp: 372226

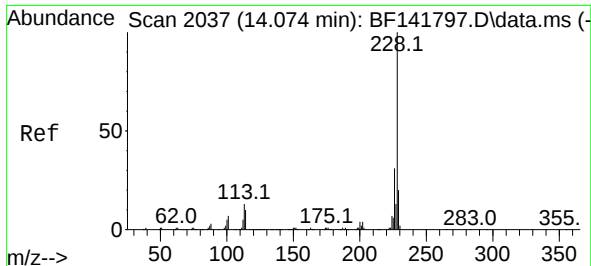
Ion Ratio Lower Upper

252 100

254 64.5 51.4 77.0

126 12.1 9.8 14.6

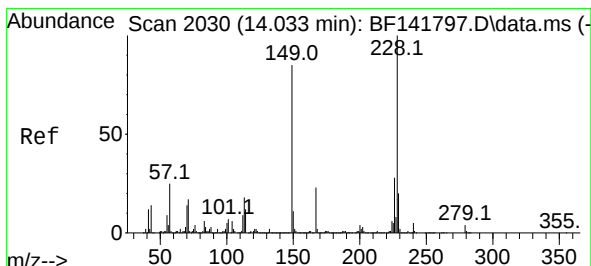
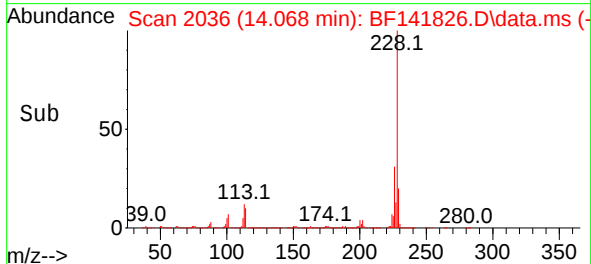
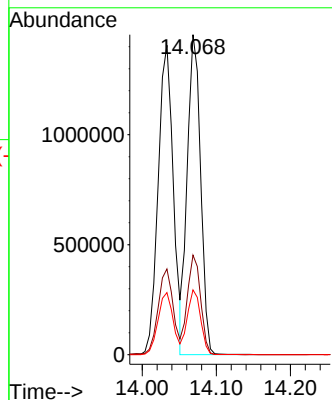
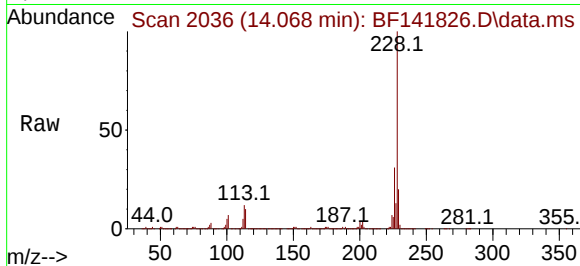




#83
Chrysene
Concen: 41.457 ng
RT: 14.068 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

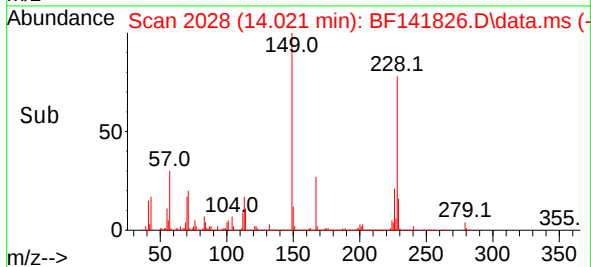
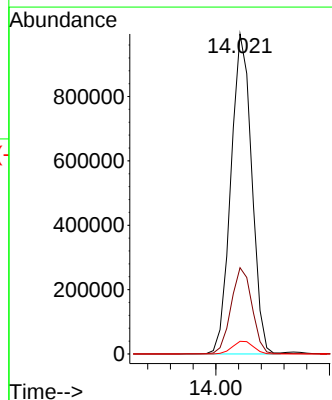
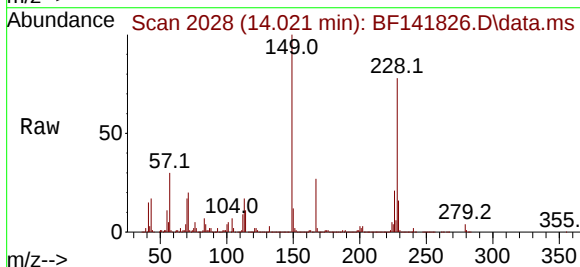
Instrument :
BNA_F
ClientSampleId :
PB166957BS

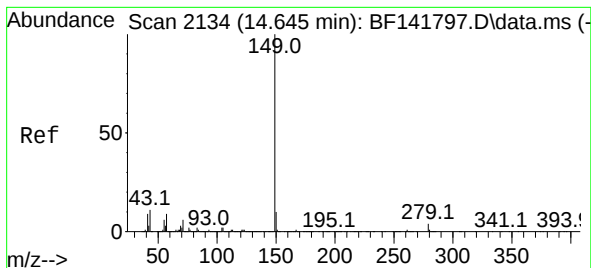
Tgt Ion:228 Resp: 1825435
Ion Ratio Lower Upper
228 100
226 31.1 24.6 37.0
229 20.3 16.1 24.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 44.606 ng
RT: 14.021 min Scan# 2028
Delta R.T. -0.012 min
Lab File: BF141826.D
Acq: 04 Mar 2025 14:44

Tgt Ion:149 Resp: 1263650
Ion Ratio Lower Upper
149 100
167 27.0 21.2 31.8
279 3.9 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 43.441 ng

RT: 14.633 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

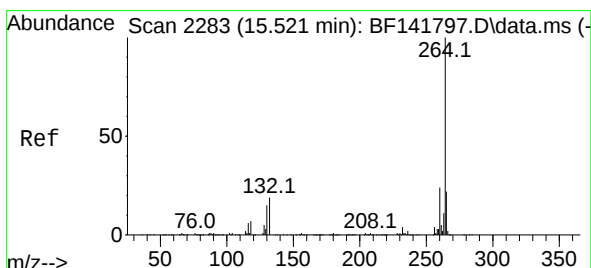
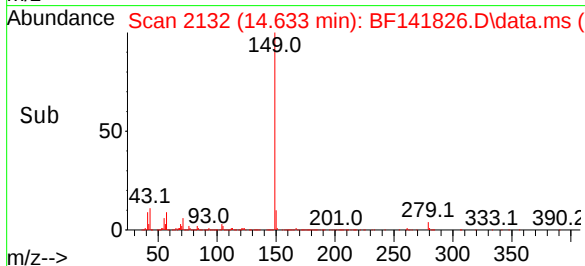
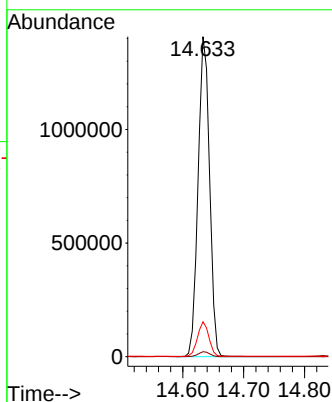
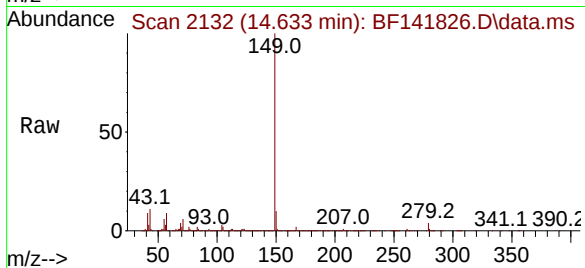
Tgt Ion:149 Resp: 1842435

Ion Ratio Lower Upper

149 100

167 1.5 1.2 1.8

43 10.7 8.6 12.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.509 min Scan# 2281

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

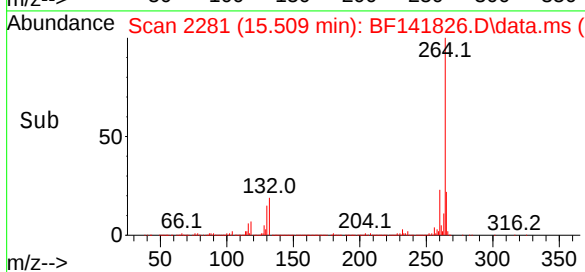
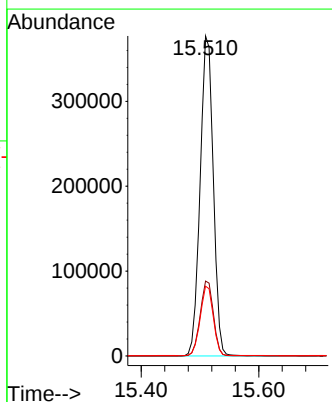
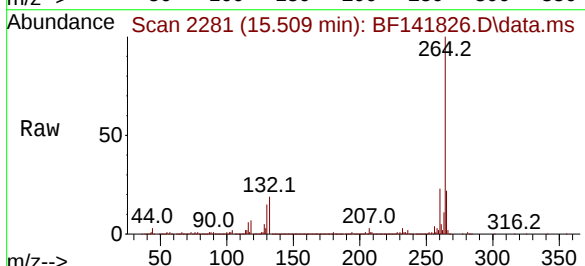
Tgt Ion:264 Resp: 587091

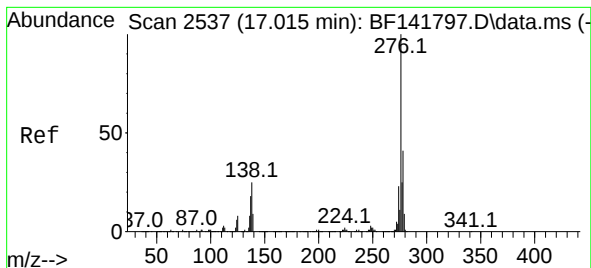
Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

265 21.8 17.4 26.0





#87

Indeno(1,2,3-cd)pyrene

Concen: 44.250 ng

RT: 17.004 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

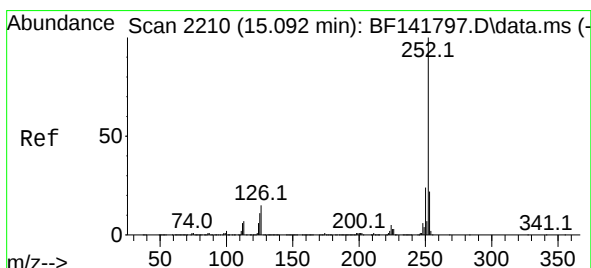
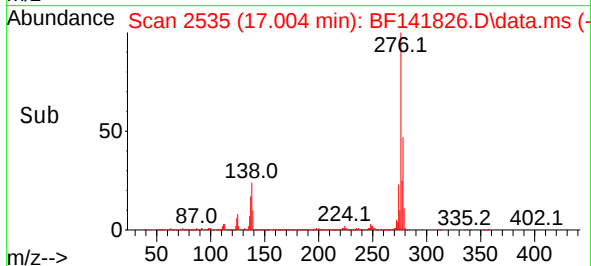
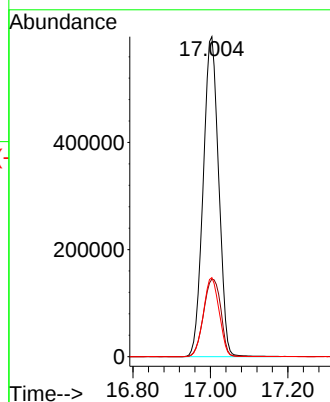
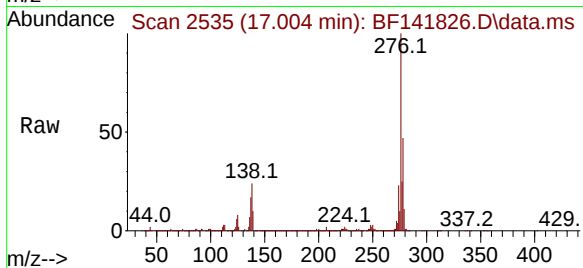
Tgt Ion:276 Resp: 1654234

Ion Ratio Lower Upper

276 100

138 27.0 22.5 33.7

277 25.2 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 42.194 ng

RT: 15.080 min Scan# 2208

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

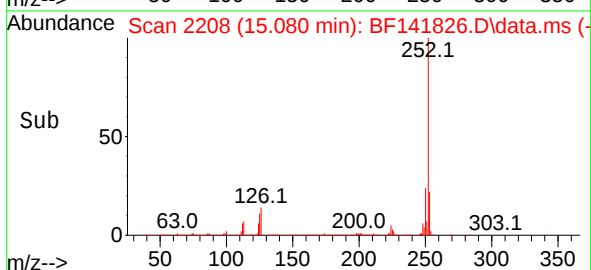
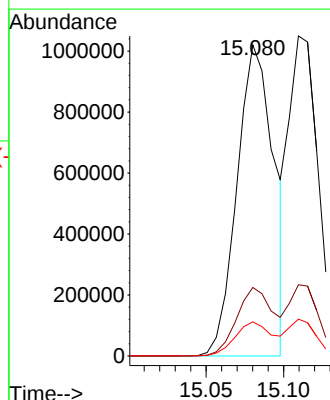
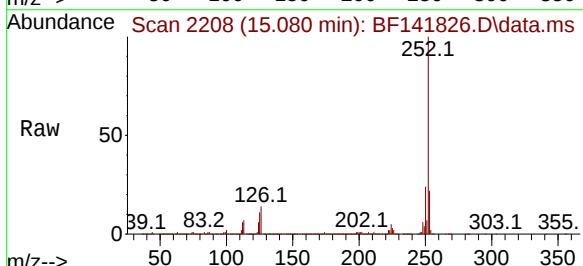
Tgt Ion:252 Resp: 1687386

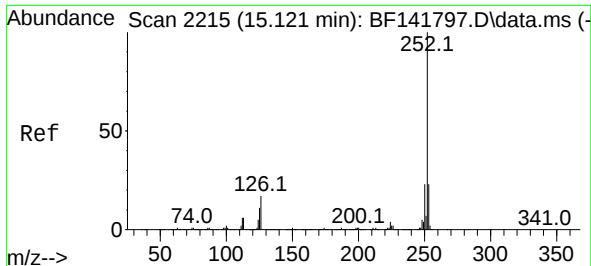
Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 11.0 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 40.603 ng

RT: 15.110 min Scan# 2215

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

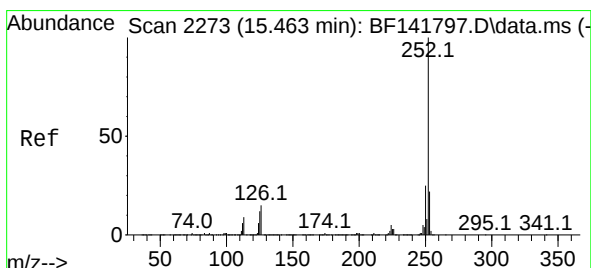
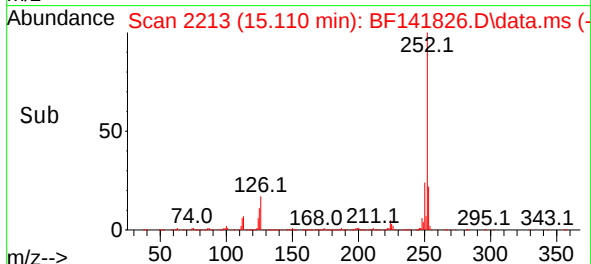
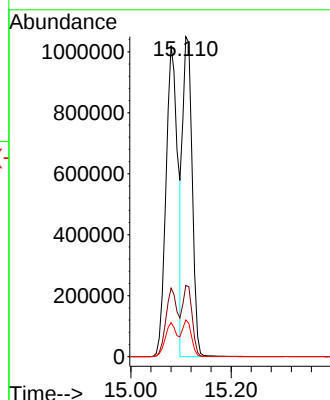
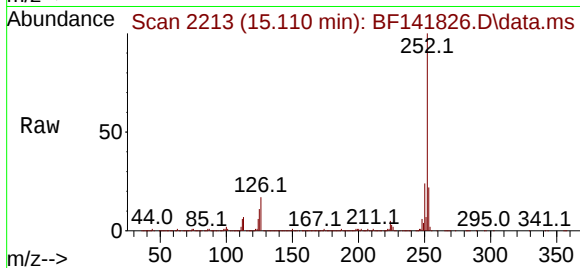
Tgt Ion:252 Resp: 1380109

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 11.5 8.8 13.2



#90

Benzo(a)pyrene

Concen: 44.664 ng

RT: 15.451 min Scan# 2271

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

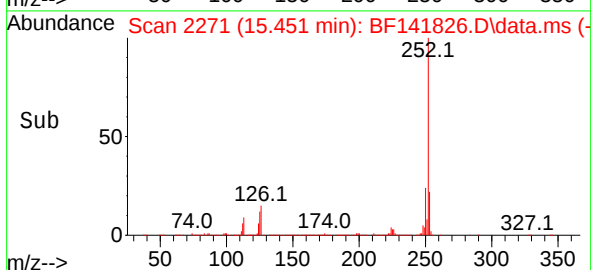
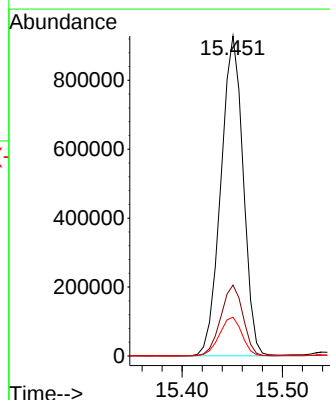
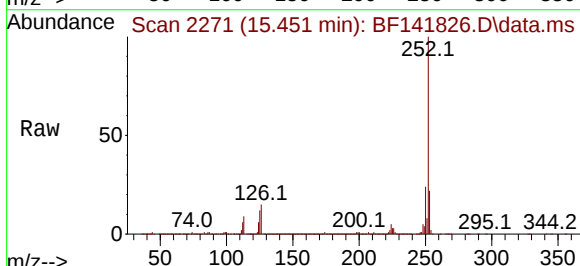
Tgt Ion:252 Resp: 1432461

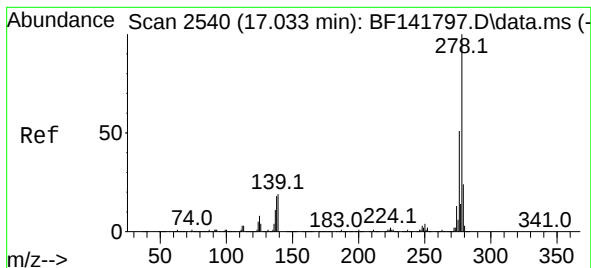
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 12.1 9.4 14.2





#91

Dibenzo(a,h)anthracene

Concen: 43.159 ng

RT: 17.021 min Scan# 2540

Delta R.T. -0.012 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Instrument :

BNA_F

ClientSampleId :

PB166957BS

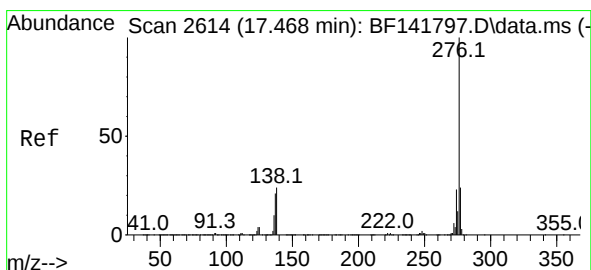
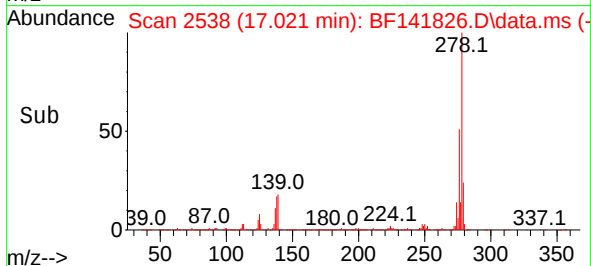
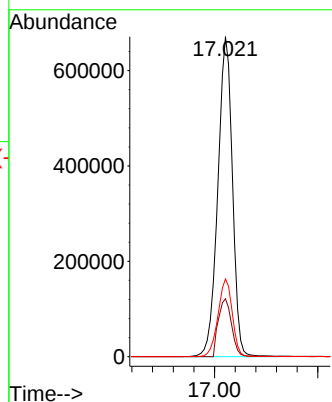
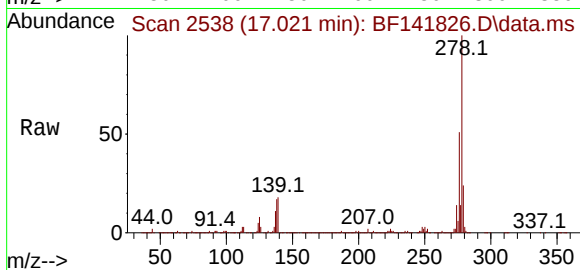
Tgt Ion:278 Resp: 1316988

Ion Ratio Lower Upper

278 100

139 18.1 14.9 22.3

279 24.3 19.3 28.9



#92

Benzo(g,h,i)perylene

Concen: 41.312 ng

RT: 17.451 min Scan# 2611

Delta R.T. -0.018 min

Lab File: BF141826.D

Acq: 04 Mar 2025 14:44

Tgt Ion:276 Resp: 1291482

Ion Ratio Lower Upper

276 100

277 23.6 19.4 29.0

138 24.0 19.3 28.9

