

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
 Data File : BF141986.D
 Acq On : 18 Mar 2025 10:00
 Operator : RC/JU
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Mar 18 11:21:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	200429	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	738787	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	404779	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	656489	20.000	ng	0.00
76) Chrysene-d12	14.045	240	423581	20.000	ng	0.00
86) Perylene-d12	15.515	264	442923	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	909106	75.701	ng	0.00
7) Phenol-d6	6.510	99	1113971	72.854	ng	0.00
23) Nitrobenzene-d5	7.445	82	1025549	78.120	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	402460	78.373	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	2068249	77.707	ng	0.00
79) Terphenyl-d14	12.986	244	2069130	72.220	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.652	88	187449	37.252	ng	99
3) Pyridine	3.422	79	459475	37.226	ng	97
4) n-Nitrosodimethylamine	3.375	42	214260	36.416	ng	98
6) Aniline	6.545	93	531108	35.210	ng	99
8) 2-Chlorophenol	6.669	128	493685	37.066	ng	99
9) Benzaldehyde	6.434	77	287856	33.661	ng	99
10) Phenol	6.522	94	582165	36.191	ng	99
11) bis(2-Chloroethyl)ether	6.616	93	429686	35.574	ng	100
12) 1,3-Dichlorobenzene	6.822	146	553496	38.492	ng	99
13) 1,4-Dichlorobenzene	6.898	146	551604	37.914	ng	100
14) 1,2-Dichlorobenzene	7.051	146	516845	37.716	ng	99
15) Benzyl Alcohol	7.022	79	445385	36.030	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.157	45	482996	33.122	ng	98
17) 2-Methylphenol	7.128	107	374824	35.394	ng	99
18) Hexachloroethane	7.392	117	204881	37.553	ng	97
19) n-Nitroso-di-n-propyla...	7.292	70	326111	33.192	ng	98
20) 3+4-Methylphenols	7.281	107	473000	34.870	ng	98
22) Acetophenone	7.292	105	662001	37.418	ng	99
24) Nitrobenzene	7.463	77	504274	38.639	ng	100
25) Isophorone	7.704	82	837909	36.108	ng	100
26) 2-Nitrophenol	7.781	139	265215	41.405	ng	98
27) 2,4-Dimethylphenol	7.810	122	330795	37.506	ng	98
28) bis(2-Chloroethoxy)met...	7.910	93	534309	36.710	ng	100
29) 2,4-Dichlorophenol	8.016	162	420375	38.399	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	480233	39.805	ng	98
31) Naphthalene	8.186	128	1454452	38.325	ng	100
32) Benzoic acid	7.928	122	324807	41.895	ng	97
33) 4-Chloroaniline	8.233	127	498828	37.234	ng	97
34) Hexachlorobutadiene	8.298	225	322471	40.986	ng	99
35) Caprolactam	8.604	113	120360	36.061	ng	92
36) 4-Chloro-3-methylphenol	8.710	107	453675	37.150	ng	98
37) 2-Methylnaphthalene	8.875	142	952409	37.546	ng	100
38) 1-Methylnaphthalene	8.975	142	920289	37.596	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	496252	40.267	ng	99
41) Hexachlorocyclopentadiene	9.028	237	194522	40.332	ng	98
43) 2,4,6-Trichlorophenol	9.151	196	315456	39.167	ng	99

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031825\
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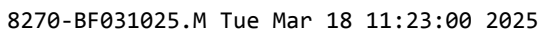
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 BNA_F
 ClientSampleId :

Quant Time: Mar 18 11:21:50 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031025.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 10 15:46:22 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	330026	40.458	ng	100
46) 1,1'-Biphenyl	9.339	154	1184016	38.497	ng	99
47) 2-Chloronaphthalene	9.363	162	885839	38.643	ng	100
48) 2-Nitroaniline	9.457	65	252402	38.027	ng	98
49) Acenaphthylene	9.780	152	1310429	38.522	ng	100
50) Dimethylphthalate	9.639	163	1062885	37.497	ng	100
51) 2,6-Dinitrotoluene	9.698	165	230313	39.024	ng	96
52) Acenaphthene	9.951	154	935747	39.142	ng	99
53) 3-Nitroaniline	9.869	138	228599	38.185	ng	98
54) 2,4-Dinitrophenol	9.975	184	125830	41.015	ng	# 50
55) Dibenzofuran	10.122	168	1311220	38.386	ng	99
56) 4-Nitrophenol	10.022	139	178419	39.520	ng	97
57) 2,4-Dinitrotoluene	10.104	165	301789	39.151	ng	97
58) Fluorene	10.469	166	992294	37.669	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	291029	39.207	ng	98
60) Diethylphthalate	10.333	149	1053367	37.269	ng	100
61) 4-Chlorophenyl-phenyle...	10.457	204	526771	38.356	ng	97
62) 4-Nitroaniline	10.480	138	221139	37.942	ng	99
63) Azobenzene	10.616	77	951940	36.226	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	168574	43.074	ng	100
66) n-Nitrosodiphenylamine	10.575	169	842525	39.659	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	332055	40.275	ng	99
68) Hexachlorobenzene	11.016	284	368782	40.783	ng	94
69) Atrazine	11.098	200	221880	34.069	ng	99
70) Pentachlorophenol	11.204	266	235941	42.349	ng	100
71) Phenanthrene	11.427	178	1365675	38.514	ng	99
72) Anthracene	11.480	178	1371511	38.553	ng	99
73) Carbazole	11.633	167	1139310	37.135	ng	100
74) Di-n-butylphthalate	11.963	149	1504625	36.961	ng	99
75) Fluoranthene	12.616	202	1328836	35.328	ng	100
77) Benzidine	12.733	184	345723	58.500	ng	100
78) Pyrene	12.845	202	1310463	35.766	ng	100
80) Butylbenzylphthalate	13.463	149	511817	35.689	ng	97
81) Benzo(a)anthracene	14.033	228	1055282	37.966	ng	100
82) 3,3'-Dichlorobenzidine	13.992	252	349244	43.479	ng	98
83) Chrysene	14.068	228	968167	38.426	ng	100
84) Bis(2-ethylhexyl)phtha...	14.021	149	726375	36.735	ng	99
85) Di-n-octyl phthalate	14.633	149	1167717	42.443	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	1169448	40.816	ng	97
88) Benzo(b)fluoranthene	15.086	252	1150357	37.895	ng	99
89) Benzo(k)fluoranthene	15.115	252	850896	32.755	ng	99
90) Benzo(a)pyrene	15.457	252	893373	37.612	ng	99
91) Dibenzo(a,h)anthracene	17.033	278	965934	40.860	ng	99
92) Benzo(g,h,i)perylene	17.468	276	956656	40.951	ng	98

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

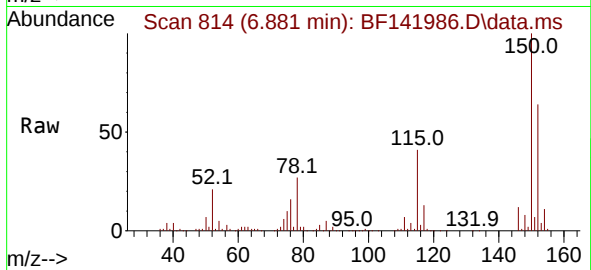
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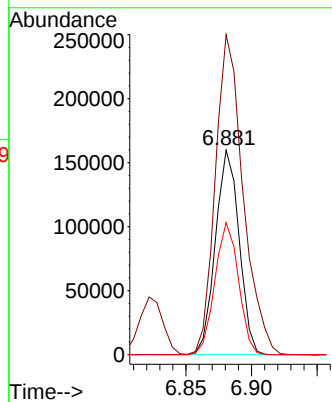
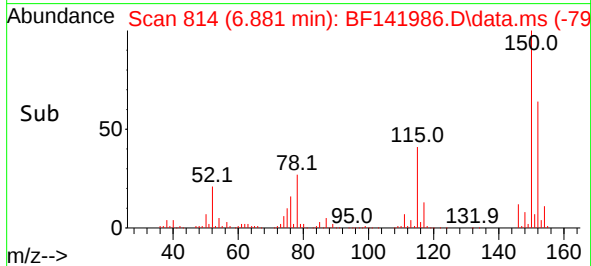


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

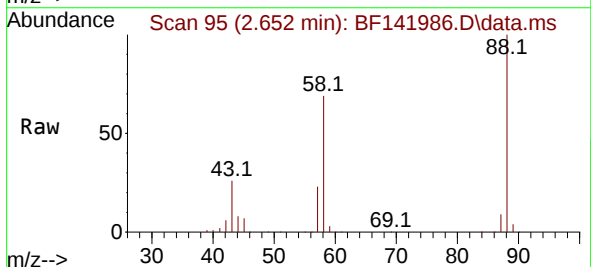
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BNA_F
ClientSampleId :



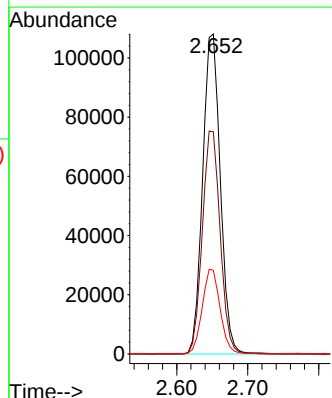
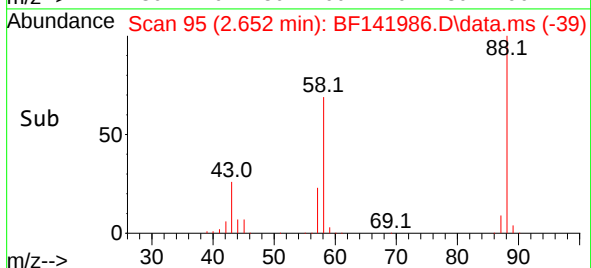
Tgt Ion:152 Resp: 200429
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.2
115 64.6 51.9 77.9

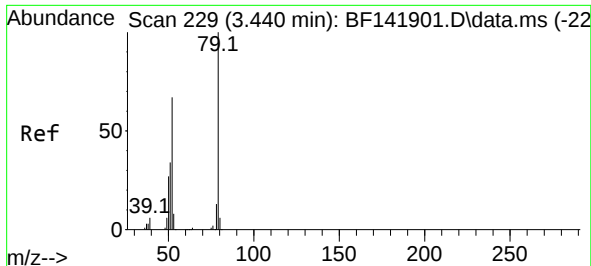


#2
1,4-Dioxane
Concen: 37.252 ng
RT: 2.652 min Scan# 95
Delta R.T. -0.023 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00



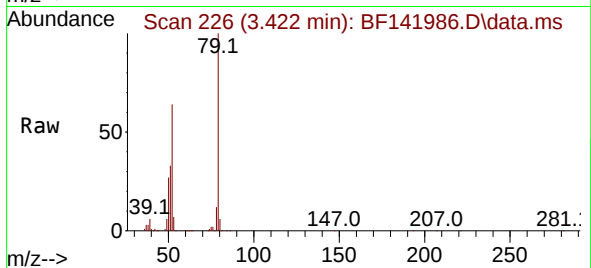
Tgt Ion: 88 Resp: 187449
Ion Ratio Lower Upper
88 100
58 70.3 57.4 86.2
43 26.9 21.5 32.3



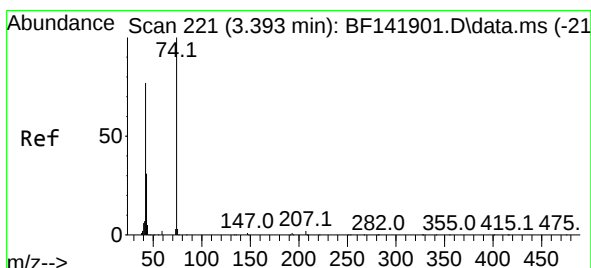
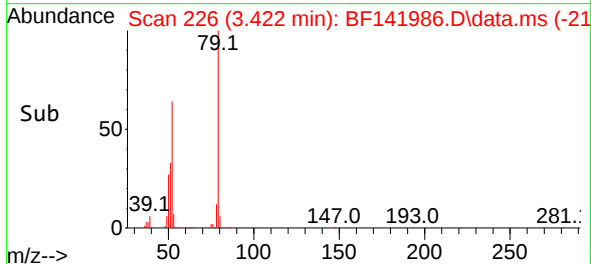
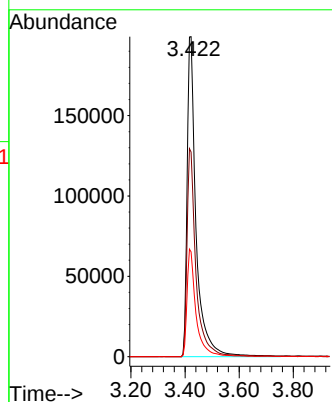


#3
Pyridine
Concen: 37.226 ng
RT: 3.422 min Scan# 218
Delta R.T. -0.018 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Instrument :
BNA_F
ClientSampleId :

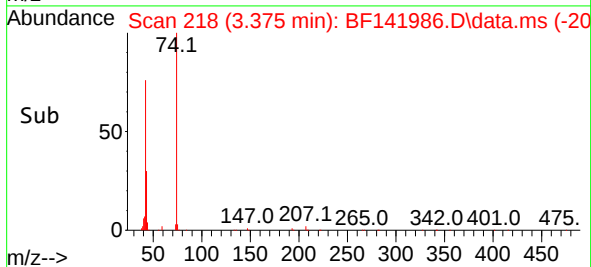
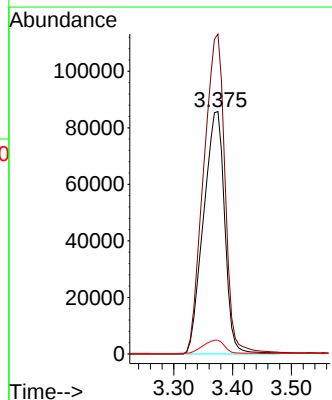
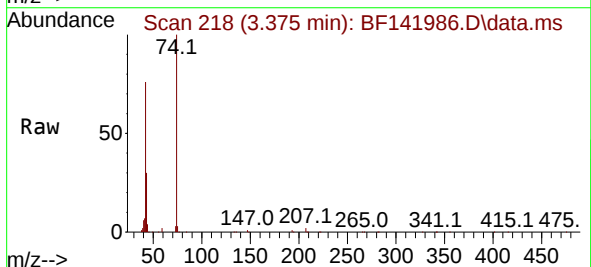


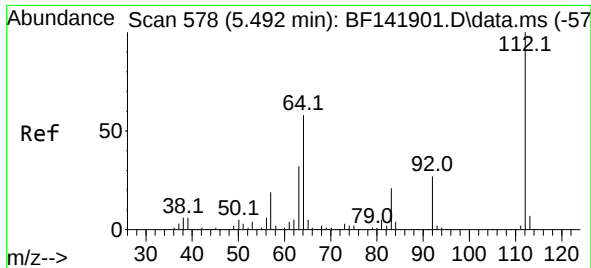
Tgt Ion: 79 Resp: 459475
Ion Ratio Lower Upper
79 100
52 64.0 53.3 79.9
51 32.8 27.6 41.4



#4
n-Nitrosodimethylamine
Concen: 36.416 ng
RT: 3.375 min Scan# 218
Delta R.T. -0.018 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion: 42 Resp: 214260
Ion Ratio Lower Upper
42 100
74 132.0 103.4 155.0
44 5.7 5.0 7.4

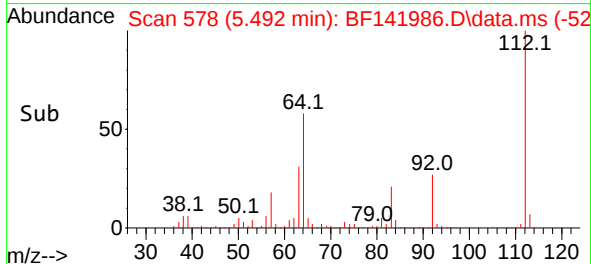
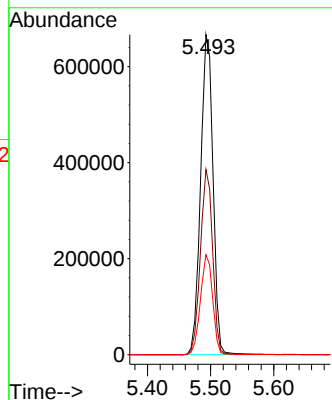
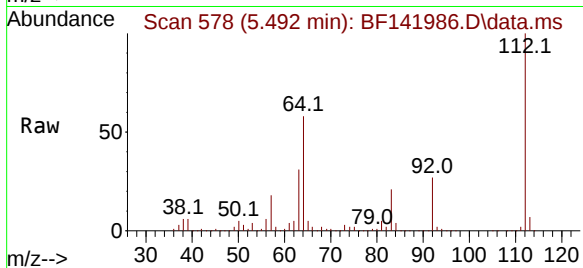




#5
2-Fluorophenol
Concen: 75.701 ng
RT: 5.492 min Scan# 51
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

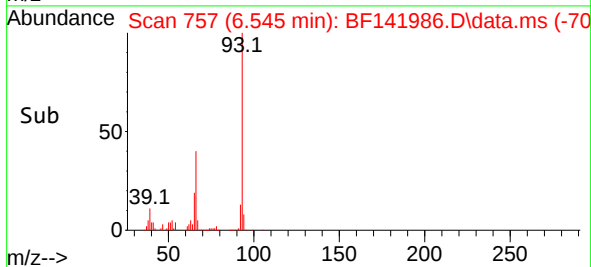
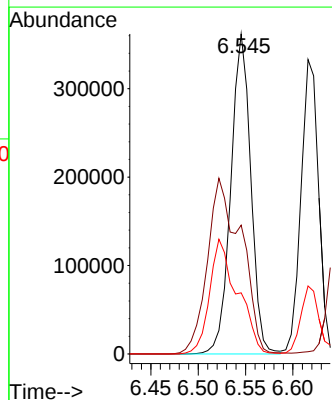
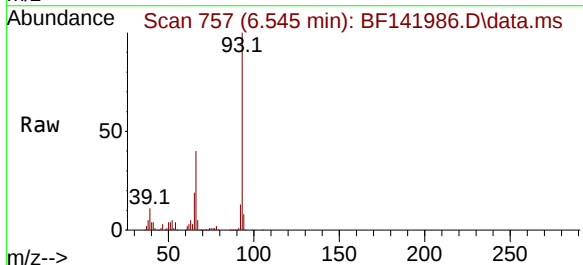
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:112 Resp: 909106
Ion Ratio Lower Upper
112 100
64 57.8 46.5 69.7
63 31.2 25.4 38.2



#6
Aniline
Concen: 35.210 ng
RT: 6.545 min Scan# 757
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion: 93 Resp: 531108
Ion Ratio Lower Upper
93 100
66 40.2 31.9 47.9
65 19.1 15.8 23.6

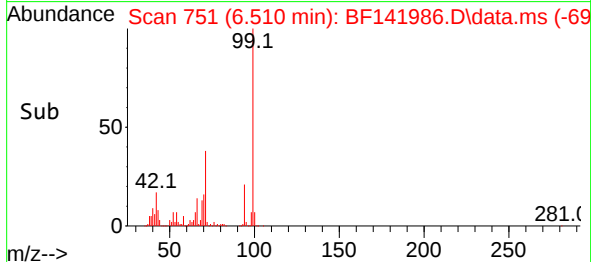
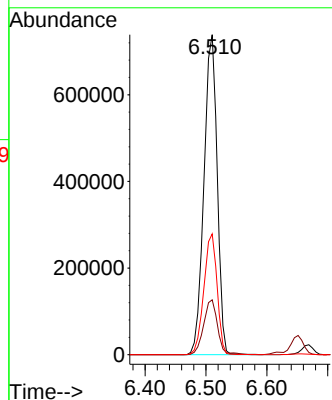
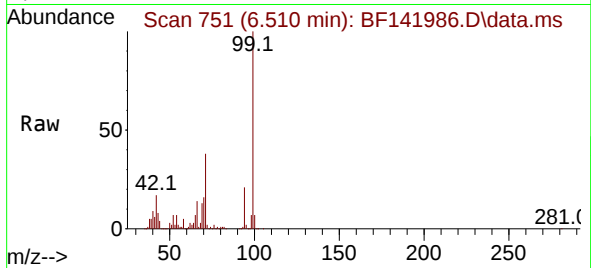




#7
Phenol-d6
Concen: 72.854 ng
RT: 6.510 min Scan# 751
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

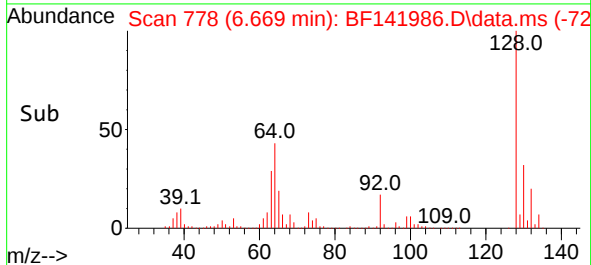
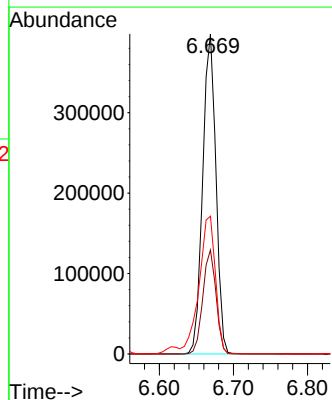
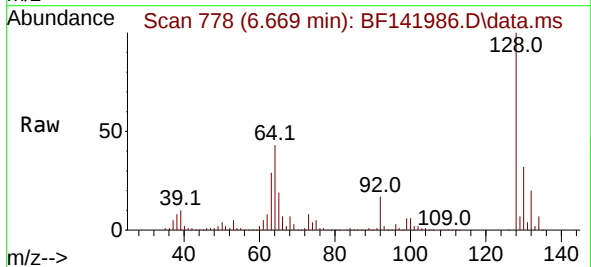
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 99 Resp: 1113971
Ion Ratio Lower Upper
99 100
42 17.2 14.6 21.8
71 37.8 30.8 46.2



#8
2-Chlorophenol
Concen: 37.066 ng
RT: 6.669 min Scan# 778
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:128 Resp: 493685
Ion Ratio Lower Upper
128 100
130 32.5 12.8 52.8
64 43.1 24.4 64.4

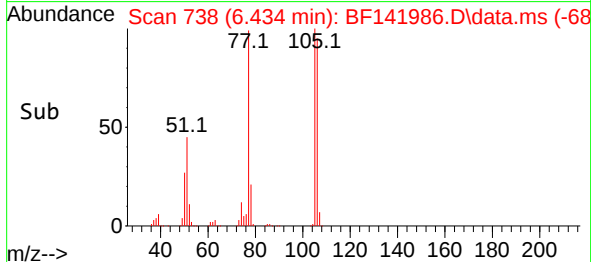
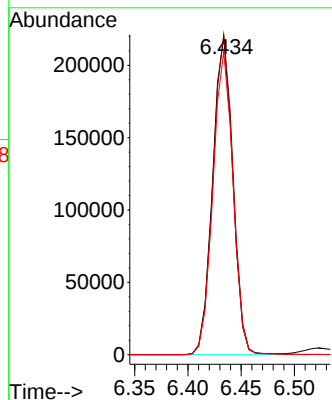
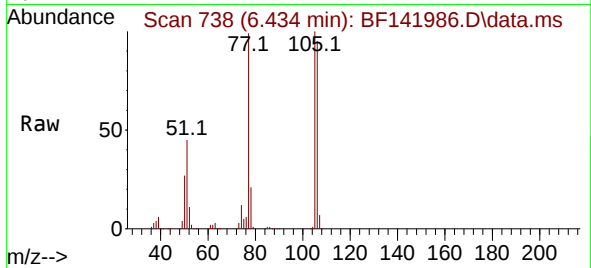




#9
Benzaldehyde
Concen: 33.661 ng
RT: 6.434 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

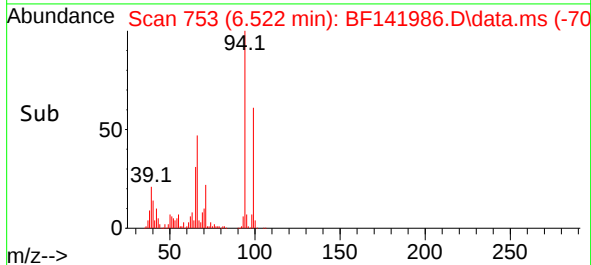
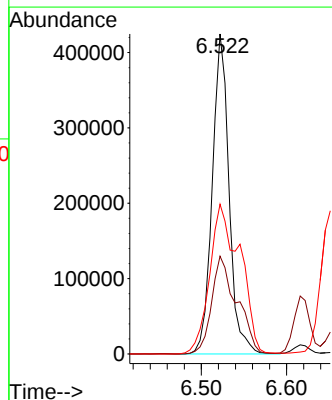
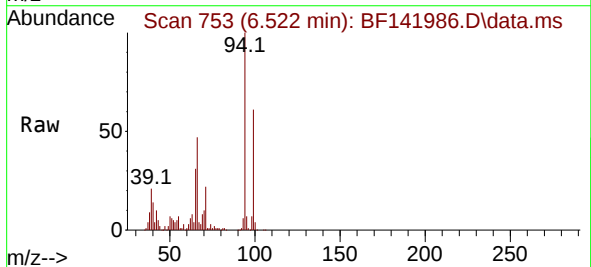
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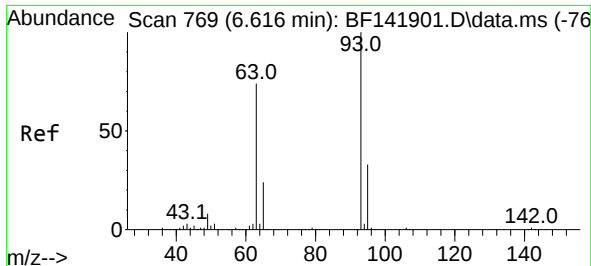
Tgt Ion: 77 Resp: 287856
Ion Ratio Lower Upper
77 100
105 100.7 80.0 120.0
106 95.3 74.5 114.5



#10
Phenol
Concen: 36.191 ng
RT: 6.522 min Scan# 753
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion: 94 Resp: 582165
Ion Ratio Lower Upper
94 100
65 30.5 10.5 50.5
66 46.8 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 35.574 ng

RT: 6.616 min Scan# 769

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

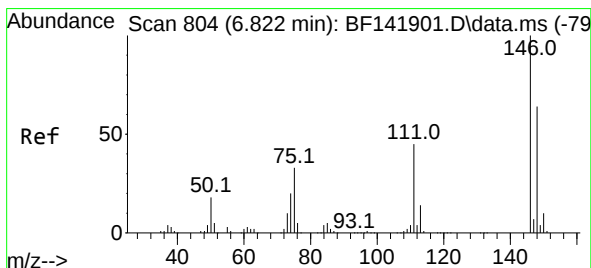
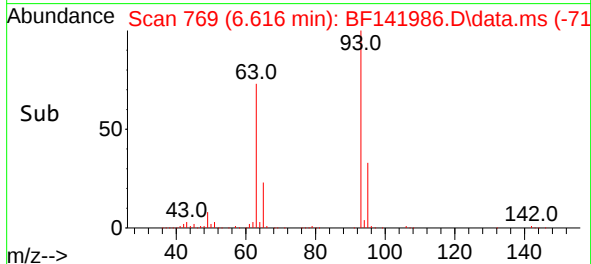
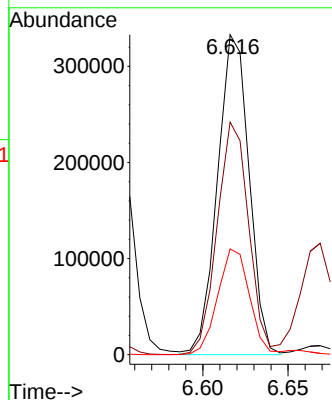
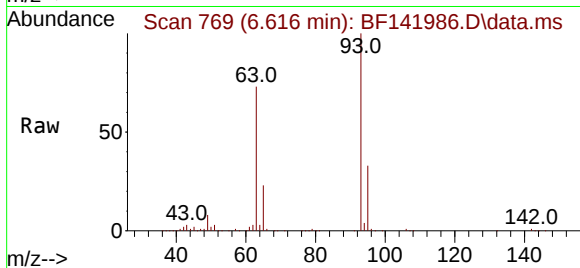
Tgt Ion: 93 Resp: 429686

Ion Ratio Lower Upper

93 100

63 72.7 53.0 93.0

95 33.0 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 38.492 ng

RT: 6.822 min Scan# 804

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

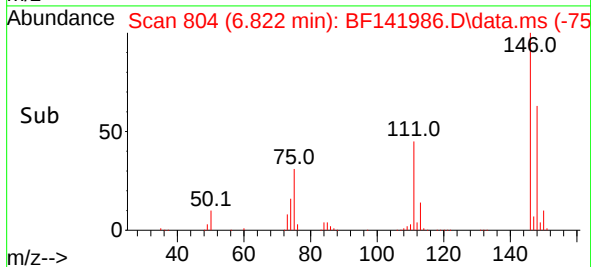
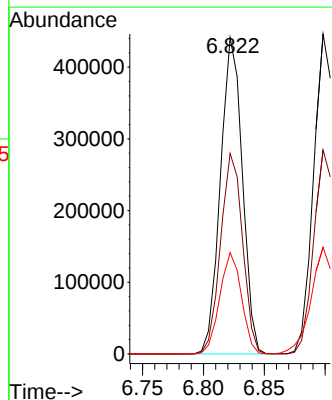
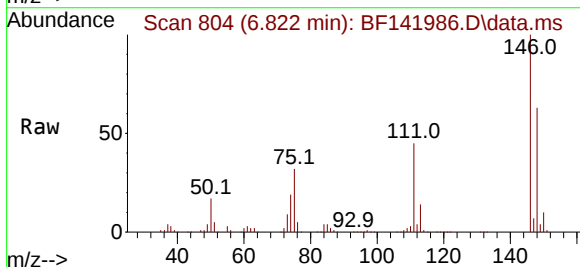
Tgt Ion: 146 Resp: 553496

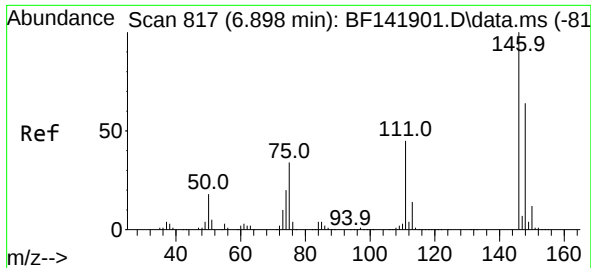
Ion Ratio Lower Upper

146 100

148 63.4 51.3 76.9

75 32.0 26.6 40.0

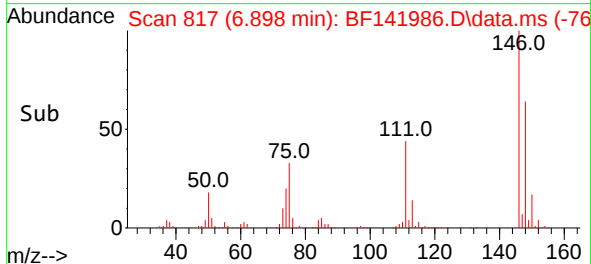
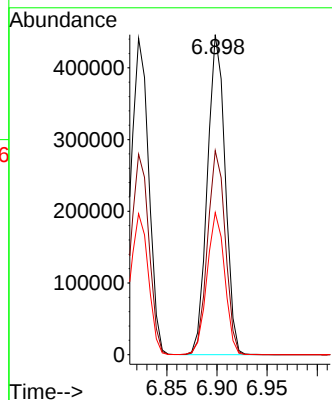
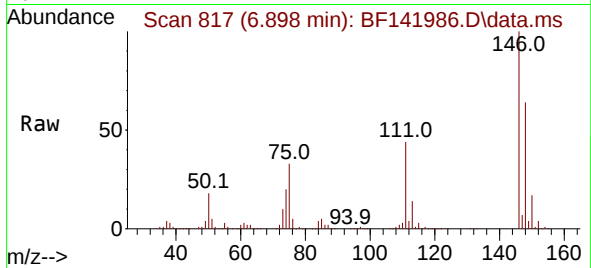




#13
 1,4-Dichlorobenzene
 Concen: 37.914 ng
 RT: 6.898 min Scan# 817
 Delta R.T. 0.000 min
 Lab File: BF141986.D
 Acq: 18 Mar 2025 10:00

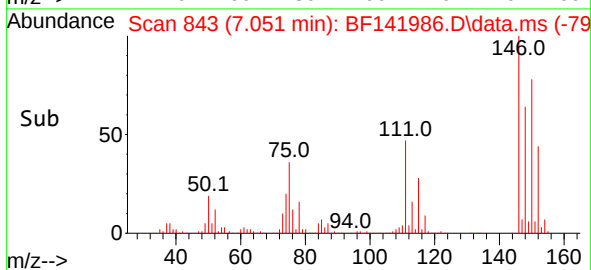
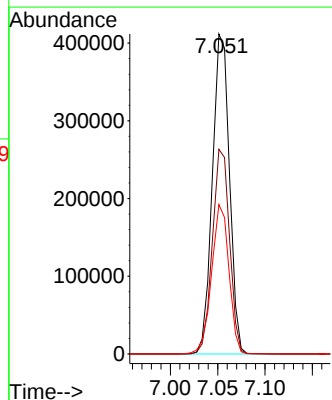
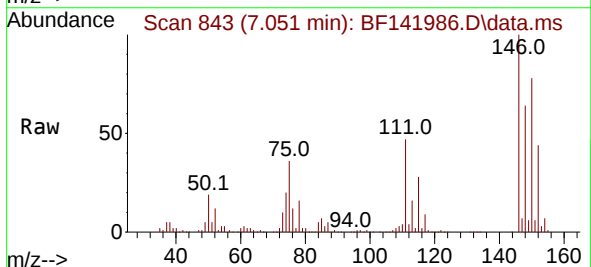
Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:146 Resp: 551604
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.0 76.6
 111 44.4 35.7 53.5



#14
 1,2-Dichlorobenzene
 Concen: 37.716 ng
 RT: 7.051 min Scan# 843
 Delta R.T. 0.000 min
 Lab File: BF141986.D
 Acq: 18 Mar 2025 10:00

Tgt Ion:146 Resp: 516845
 Ion Ratio Lower Upper
 146 100
 148 63.9 50.8 76.2
 111 46.7 38.0 57.0





#15

Benzyl Alcohol

Concen: 36.030 ng

RT: 7.022 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

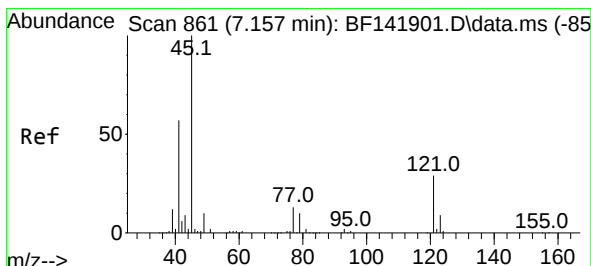
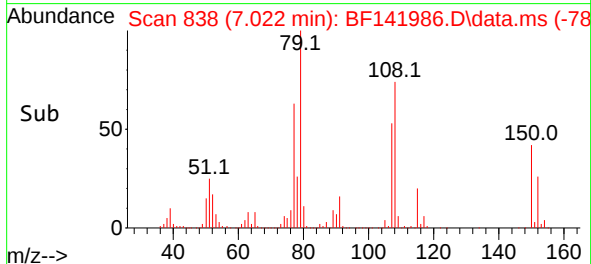
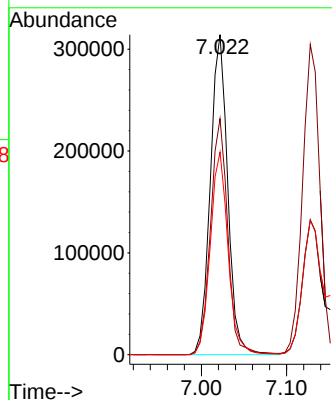
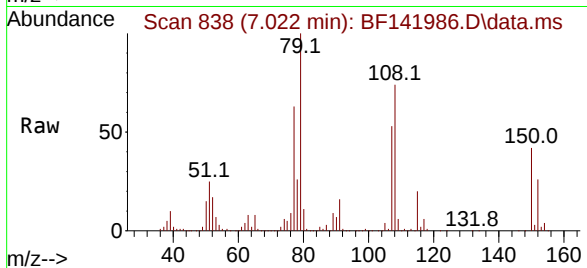
Tgt Ion: 79 Resp: 445385

Ion Ratio Lower Upper

79 100

108 73.8 59.7 89.5

77 63.3 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.122 ng

RT: 7.157 min Scan# 861

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

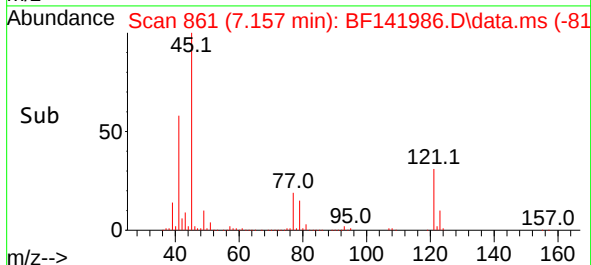
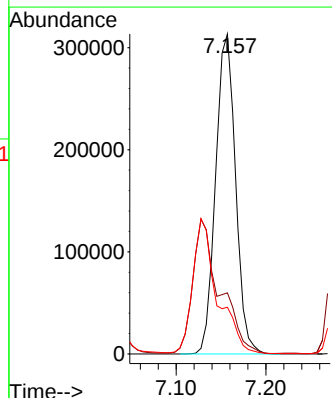
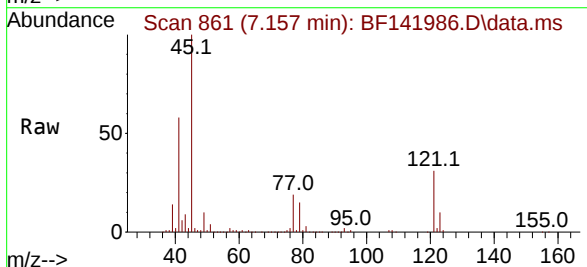
Tgt Ion: 45 Resp: 482996

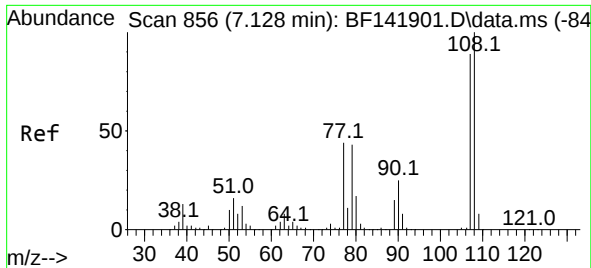
Ion Ratio Lower Upper

45 100

77 19.1 0.0 37.8

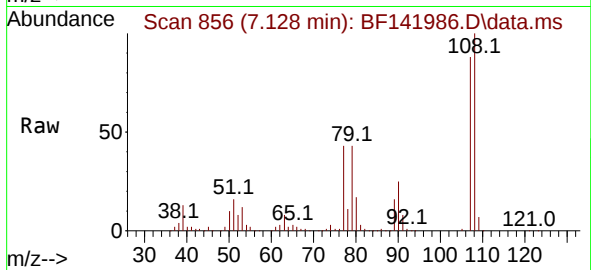
79 14.6 0.0 34.2



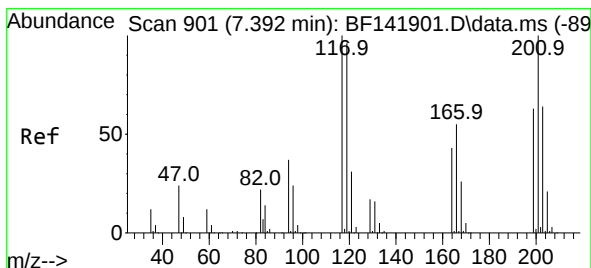
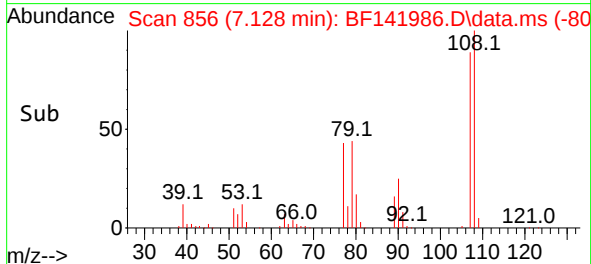
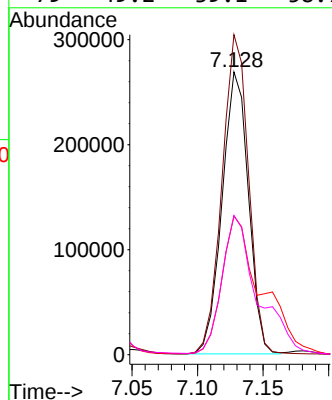


#17
2-Methylphenol
Concen: 35.394 ng
RT: 7.128 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Instrument :
BNA_F
ClientSampleId :

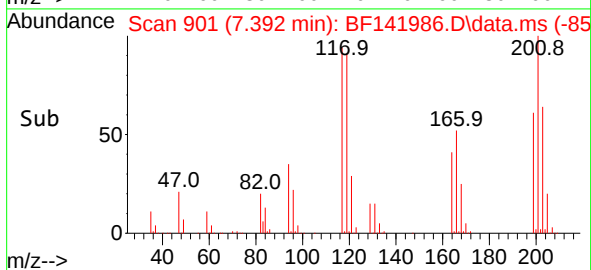
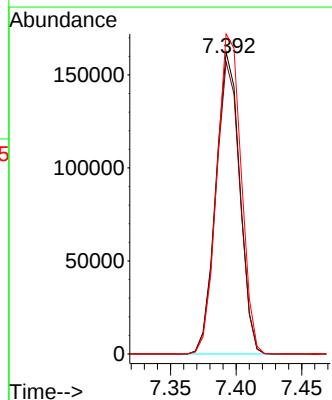
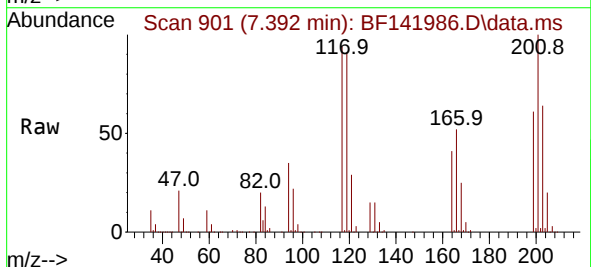


Tgt Ion:	107	Resp:	374824
Ion	Ratio	Lower	Upper
107	100		
108	113.2	90.2	135.2
77	49.0	39.6	59.4
79	49.2	39.1	58.7



#18
Hexachloroethane
Concen: 37.553 ng
RT: 7.392 min Scan# 901
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:	117	Resp:	204881
Ion	Ratio	Lower	Upper
117	100		
119	96.8	76.9	115.3
201	106.0	79.9	119.9

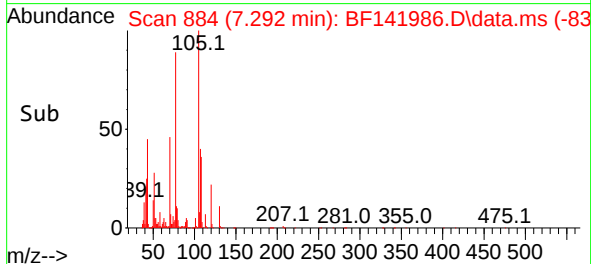
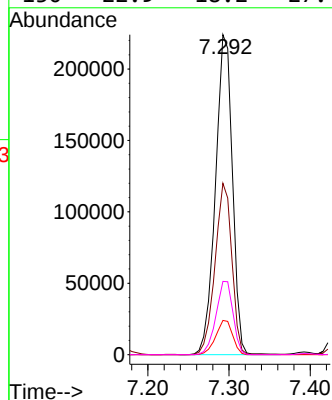
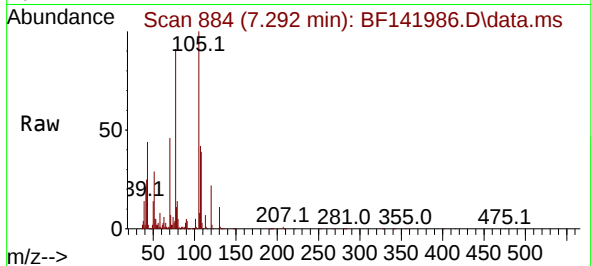




#19
n-Nitroso-di-n-propylamine
Concen: 33.192 ng
RT: 7.292 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

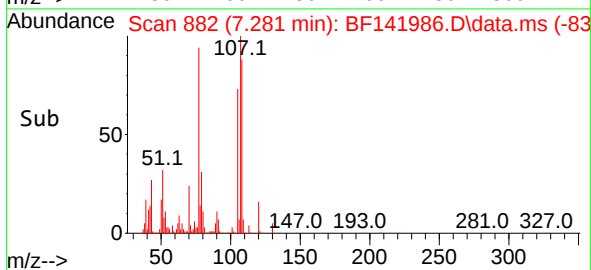
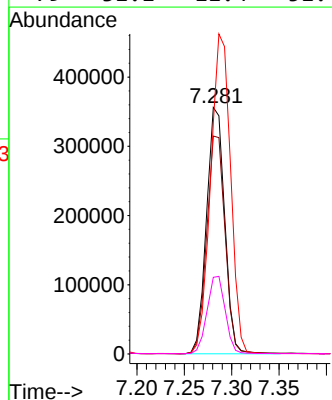
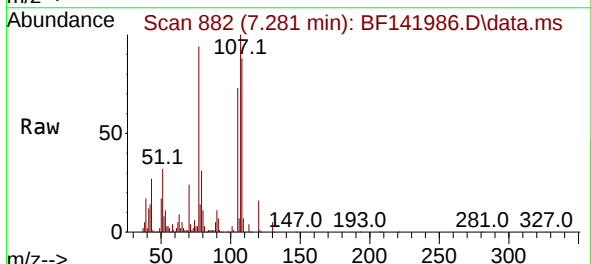
Instrument :
BNA_F
ClientSampleId :

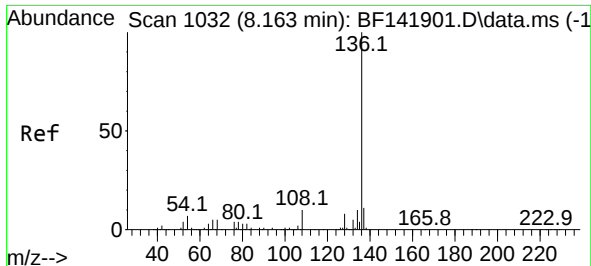
Tgt Ion:	70	Resp:	326111
Ion	Ratio	Lower	Upper
70	100		
42	53.6	41.4	62.0
101	10.7	8.2	12.2
130	22.9	18.2	27.4



#20
3+4-Methylphenols
Concen: 34.870 ng
RT: 7.281 min Scan# 882
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

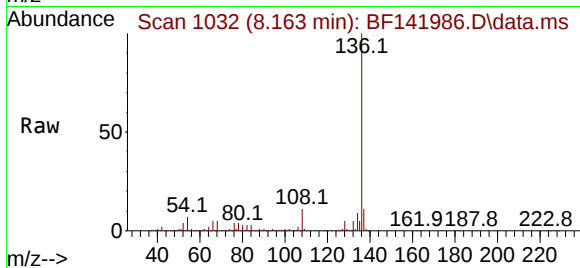
Tgt Ion:	107	Resp:	473000
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	93.8	69.7	109.7
79	31.1	11.4	51.4



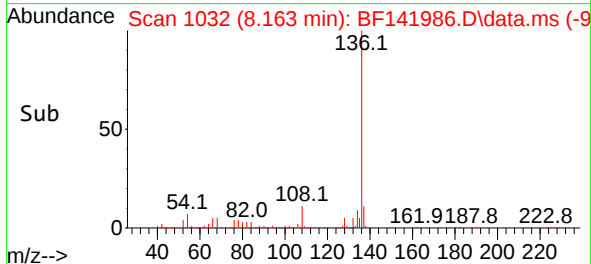
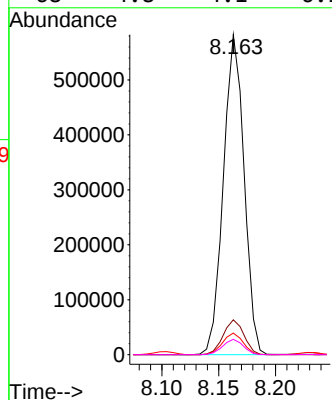


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Instrument :
BNA_F
ClientSampleId :

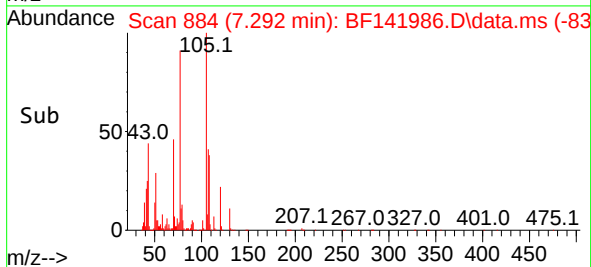
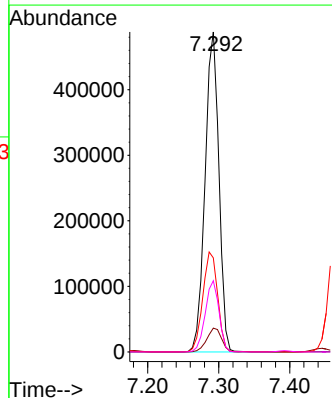
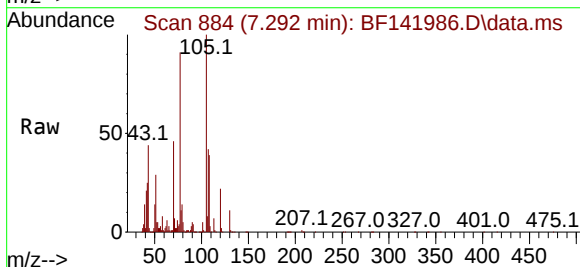


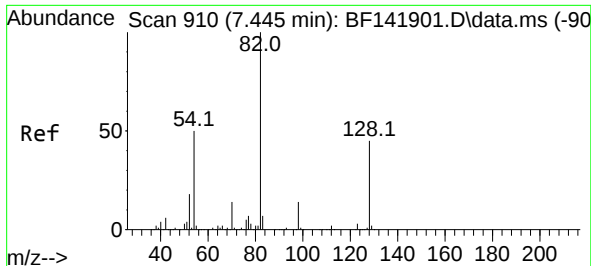
Tgt Ion:136	Resp: 738787
Ion Ratio	Lower Upper
136 100	
137 10.9	8.8 13.2
54 6.7	5.8 8.8
68 4.8	4.1 6.1



#22
Acetophenone
Concen: 37.418 ng
RT: 7.292 min Scan# 884
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt	Ion:105	Resp:	662001
Ion	Ratio	Lower	Upper
105	100		
71	7.5	5.8	8.8
51	29.4	23.4	35.0
120	22.3	17.3	25.9





#23

Nitrobenzene-d5

Concen: 78.120 ng

RT: 7.445 min Scan# 910

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

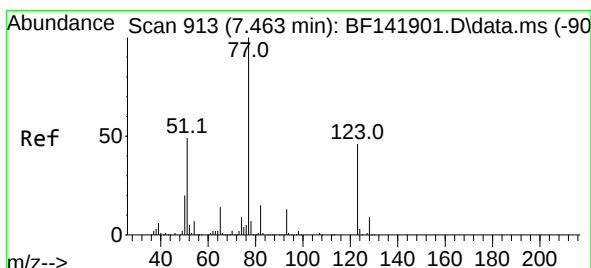
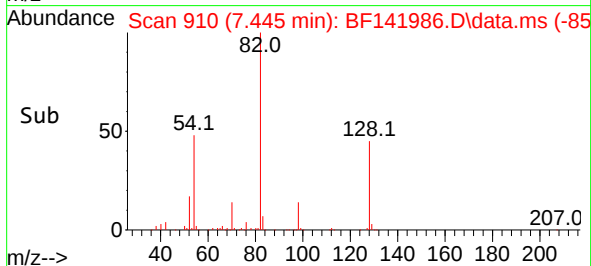
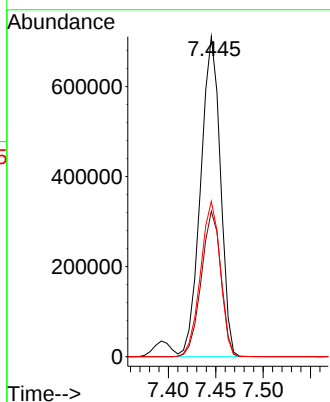
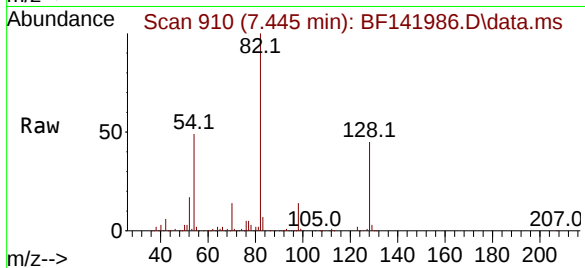
Tgt Ion: 82 Resp: 1025549

Ion Ratio Lower Upper

82 100

128 45.5 36.0 54.0

54 48.6 39.6 59.4



#24

Nitrobenzene

Concen: 38.639 ng

RT: 7.463 min Scan# 913

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

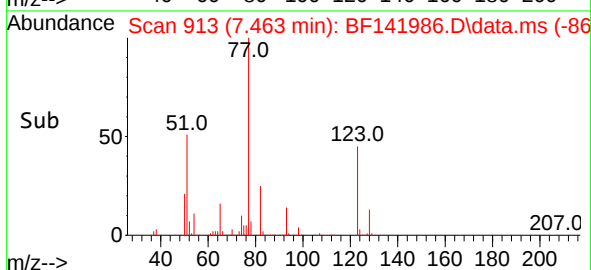
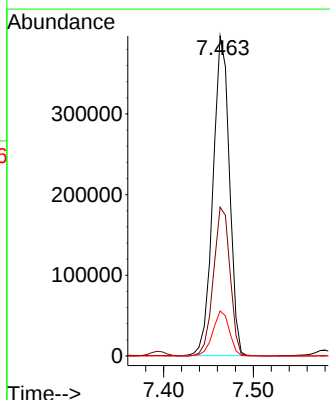
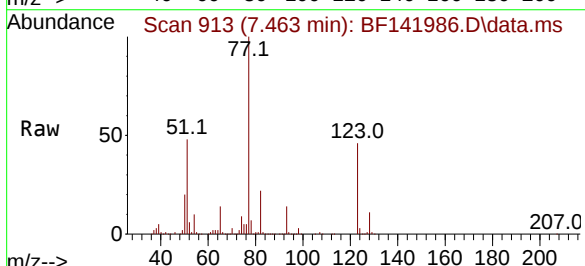
Tgt Ion: 77 Resp: 504274

Ion Ratio Lower Upper

77 100

123 46.5 37.0 55.4

65 14.0 11.3 16.9

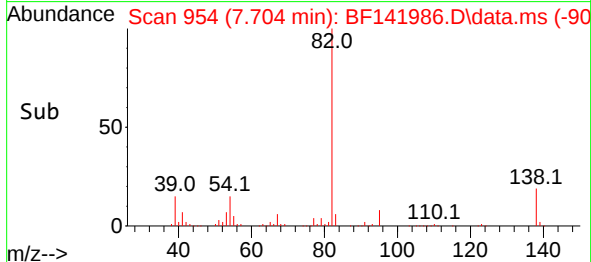
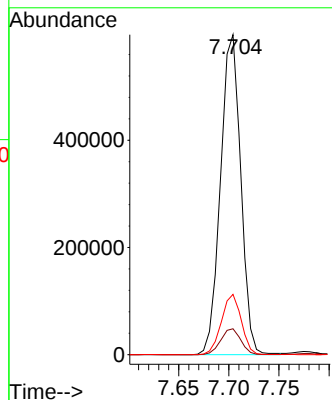
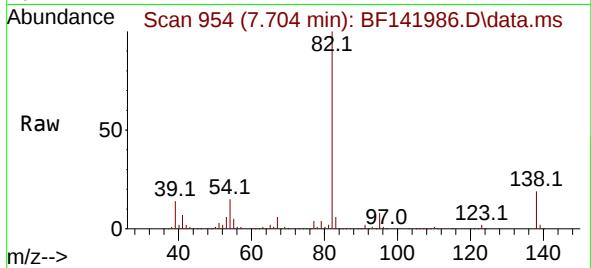




#25
Isophorone
Concen: 36.108 ng
RT: 7.704 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

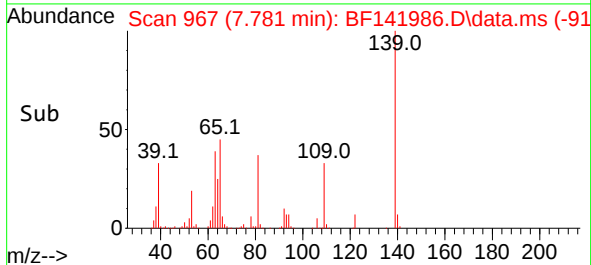
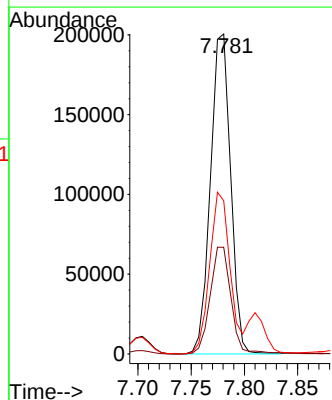
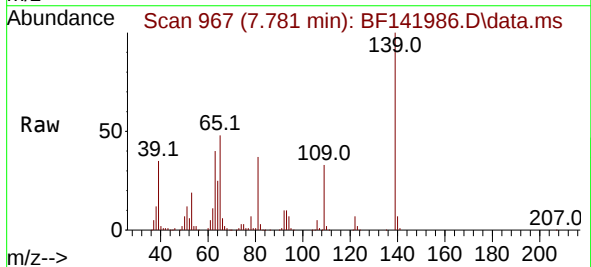
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 82 Resp: 837909
Ion Ratio Lower Upper
82 100
95 8.1 6.4 9.6
138 18.8 14.9 22.3



#26
2-Nitrophenol
Concen: 41.405 ng
RT: 7.781 min Scan# 967
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:139 Resp: 265215
Ion Ratio Lower Upper
139 100
109 33.3 26.5 39.7
65 47.8 40.3 60.5

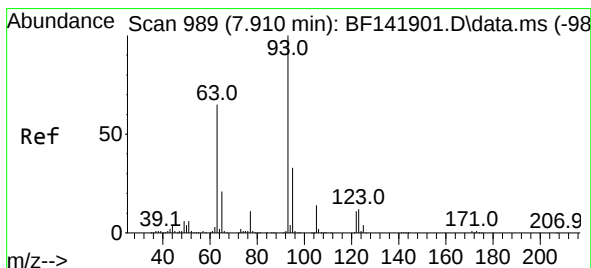
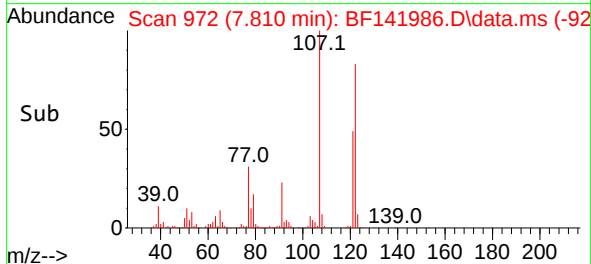
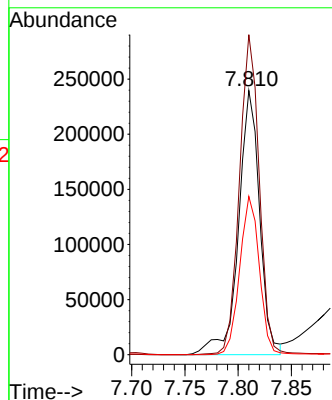
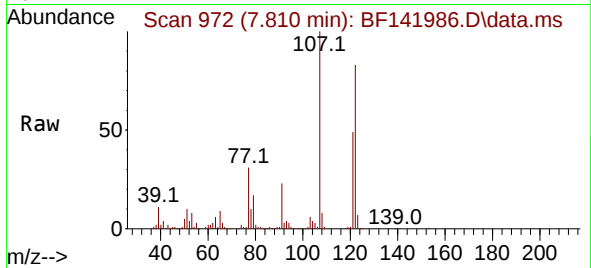




#27
2,4-Dimethylphenol
Concen: 37.506 ng
RT: 7.810 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

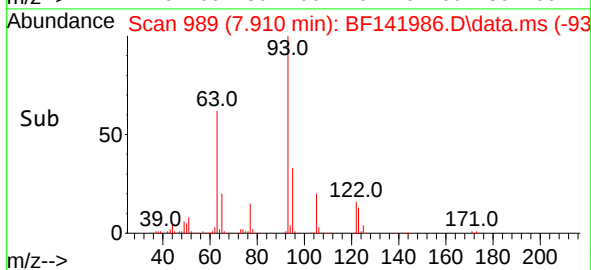
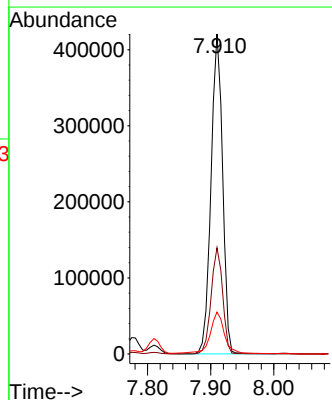
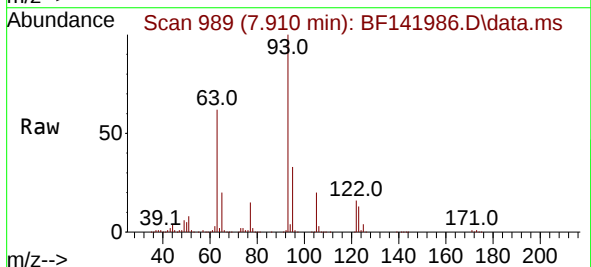
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:122 Resp: 330795
Ion Ratio Lower Upper
122 100
107 121.1 94.8 142.2
121 59.9 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 36.710 ng
RT: 7.910 min Scan# 989
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion: 93 Resp: 534309
Ion Ratio Lower Upper
93 100
95 33.2 26.6 40.0
123 13.1 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 38.399 ng

RT: 8.016 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

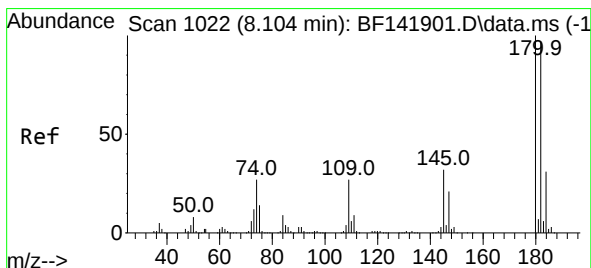
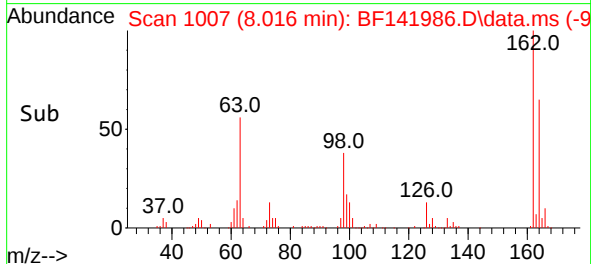
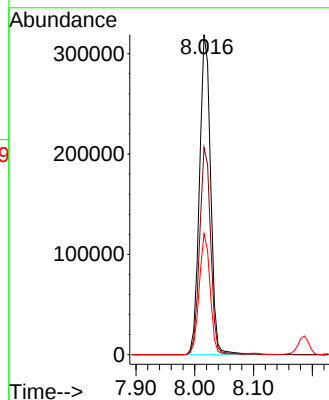
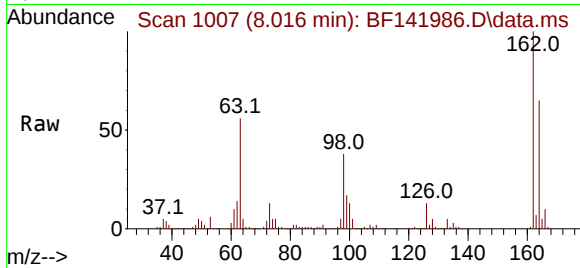
Tgt Ion:162 Resp: 420375

Ion Ratio Lower Upper

162 100

164 64.8 43.8 83.8

98 37.8 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 39.805 ng

RT: 8.104 min Scan# 1022

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

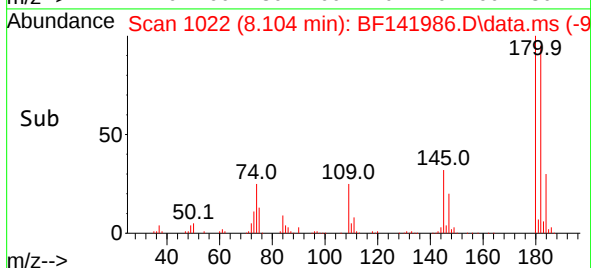
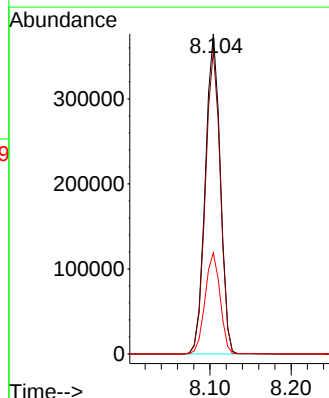
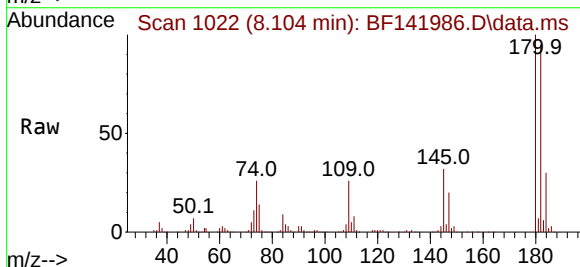
Tgt Ion:180 Resp: 480233

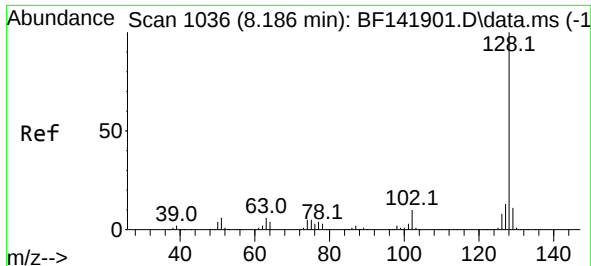
Ion Ratio Lower Upper

180 100

182 94.9 77.5 116.3

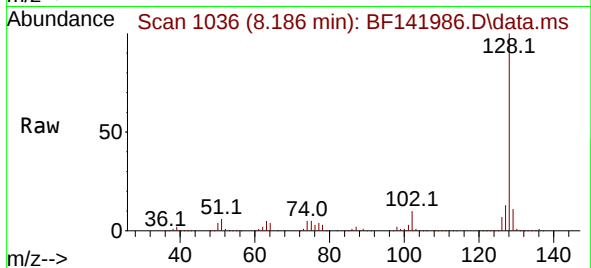
145 31.6 25.8 38.6



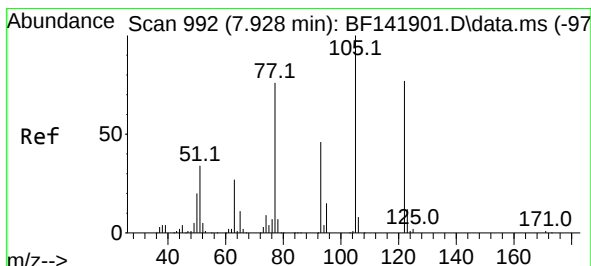
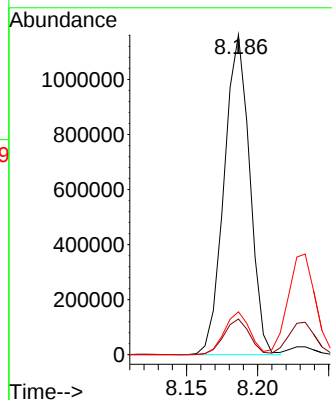
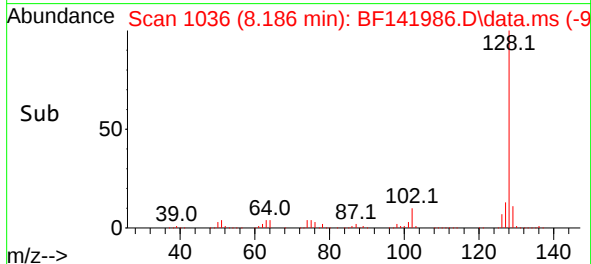


#31
Naphthalene
Concen: 38.325 ng
RT: 8.186 min Scan# 1036
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Instrument :
BNA_F
ClientSampleId :

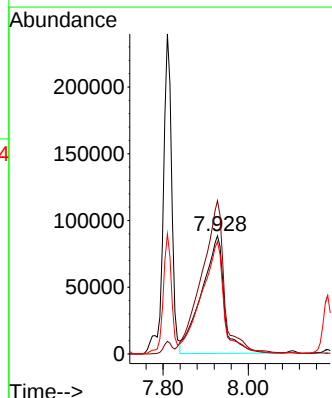
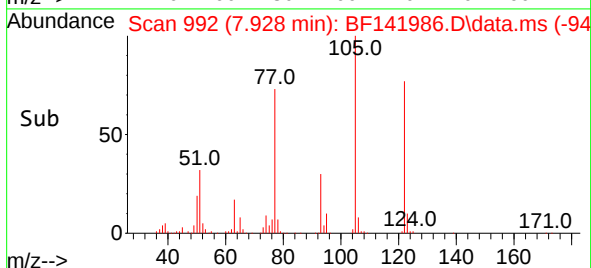
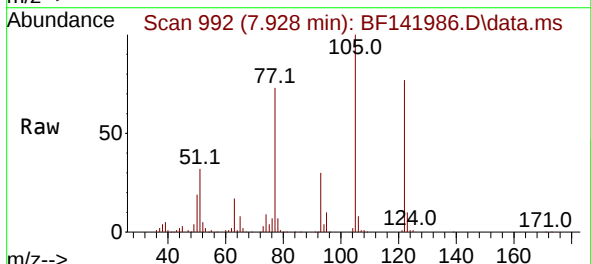


Tgt Ion:128 Resp: 1454452
Ion Ratio Lower Upper
128 100
129 11.1 9.0 13.6
127 13.4 10.8 16.2



#32
Benzoic acid
Concen: 41.895 ng
RT: 7.928 min Scan# 992
Delta R.T. -0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:122 Resp: 324807
Ion Ratio Lower Upper
122 100
105 129.8 107.9 147.9
77 95.1 79.0 119.0

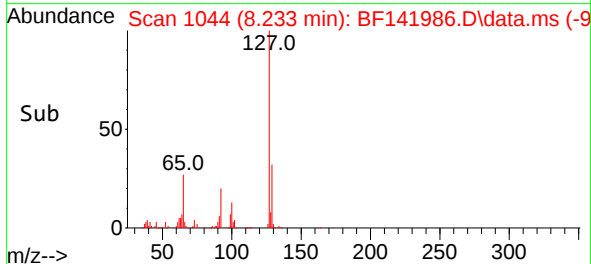
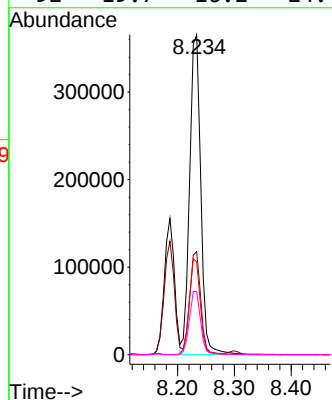
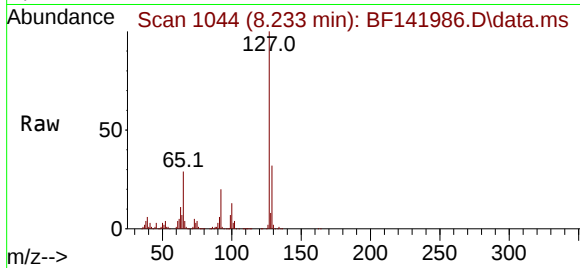




#33
4-Chloroaniline
Concen: 37.234 ng
RT: 8.233 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

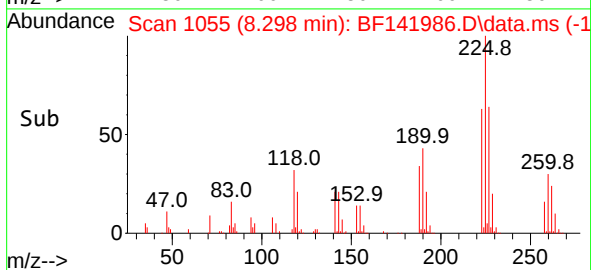
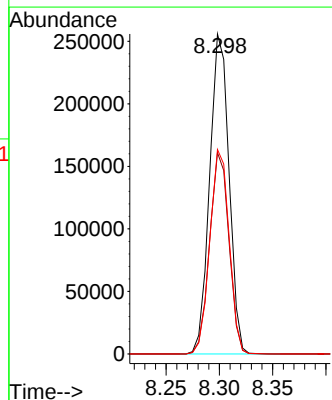
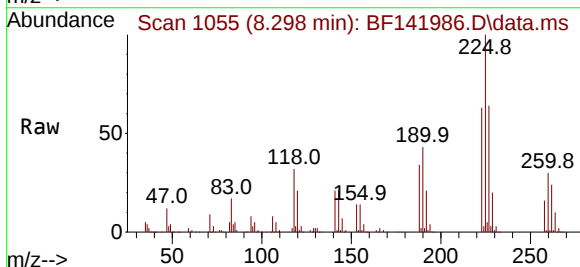
Instrument :
BNA_F
ClientSampleId :

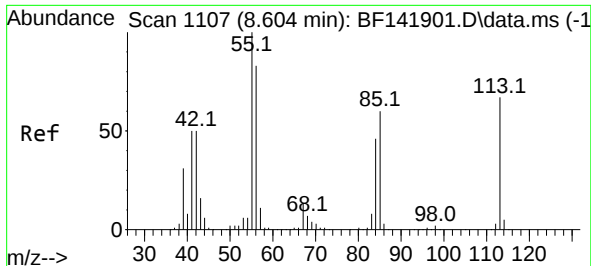
Tgt Ion:	127	Resp:	498828
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.2	39.4
65	29.1	25.4	38.2
92	19.7	16.2	24.4



#34
Hexachlorobutadiene
Concen: 40.986 ng
RT: 8.298 min Scan# 1055
Delta R.T. -0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:	225	Resp:	322471
Ion	Ratio	Lower	Upper
225	100		
223	62.9	50.6	75.8
227	63.9	52.2	78.2

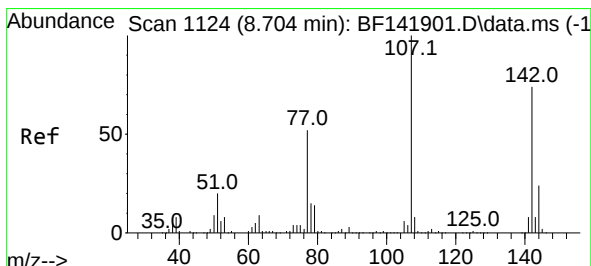
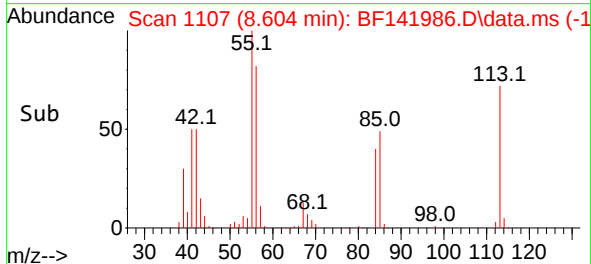
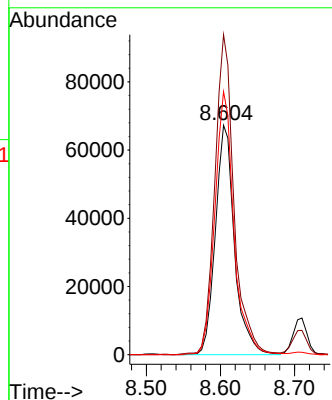
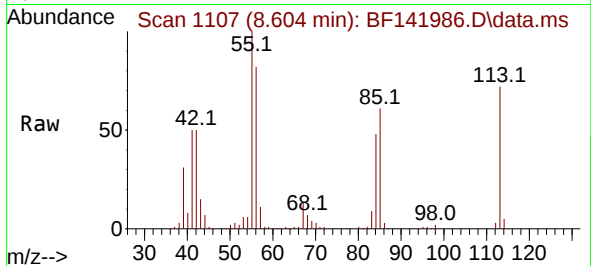




#35
Caprolactam
Concen: 36.061 ng
RT: 8.604 min Scan# 1107
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

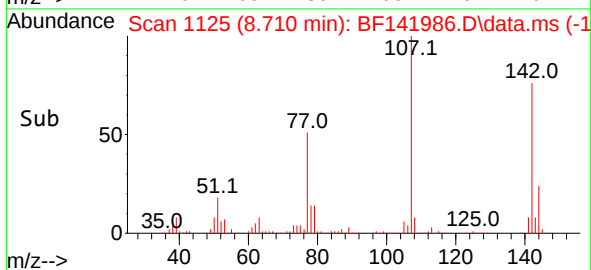
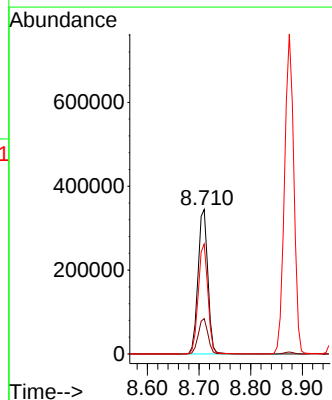
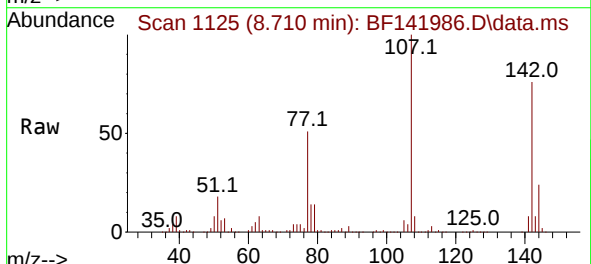
Instrument :
BNA_F
ClientSampleId :

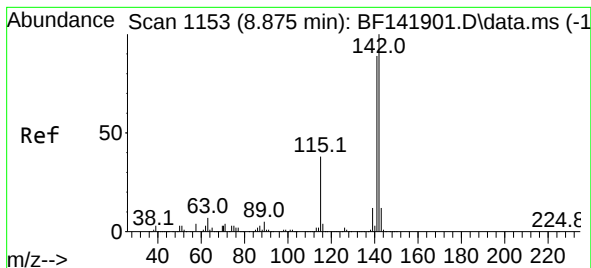
Tgt Ion:113 Resp: 120360
Ion Ratio Lower Upper
113 100
55 139.5 129.6 169.6
56 114.7 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 37.150 ng
RT: 8.710 min Scan# 1125
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:107 Resp: 453675
Ion Ratio Lower Upper
107 100
144 24.5 19.0 28.6
142 76.0 59.2 88.8





#37

2-Methylnaphthalene

Concen: 37.546 ng

RT: 8.875 min Scan# 1153

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

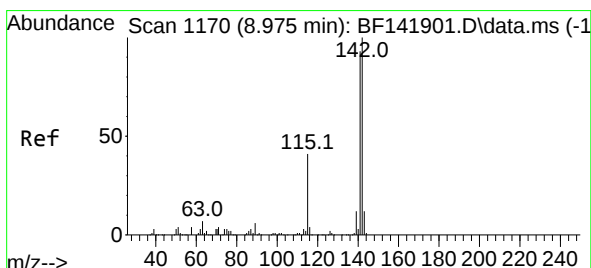
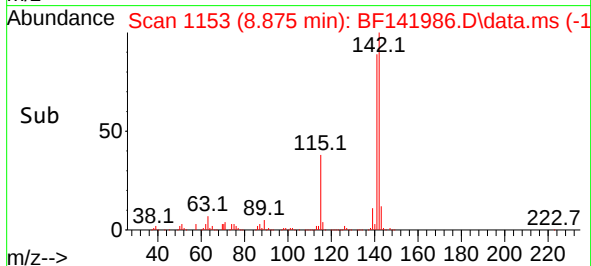
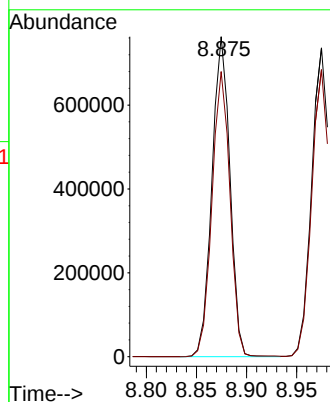
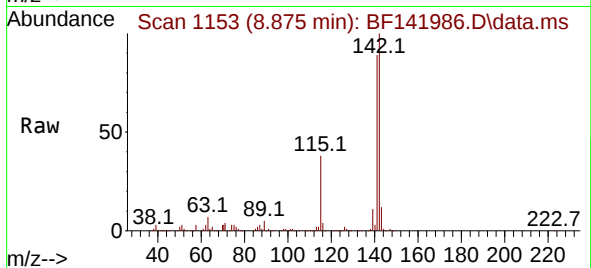
ClientSampleId :

Tgt Ion:142 Resp: 952409

Ion Ratio Lower Upper

142 100

141 89.1 71.2 106.8



#38

1-Methylnaphthalene

Concen: 37.596 ng

RT: 8.975 min Scan# 1170

Delta R.T. 0.000 min

Lab File: BF141986.D

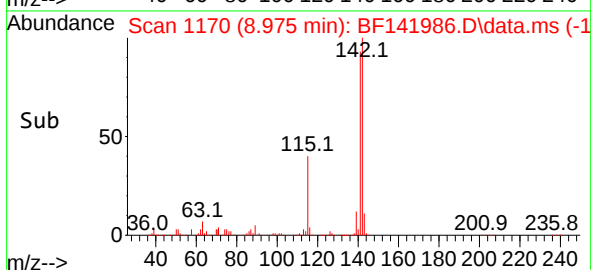
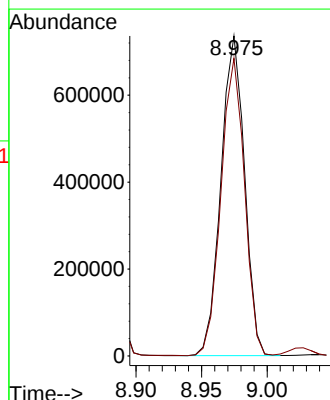
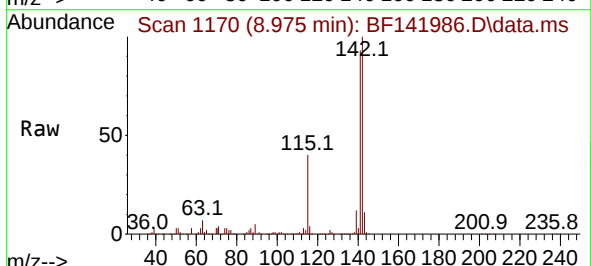
Acq: 18 Mar 2025 10:00

Tgt Ion:142 Resp: 920289

Ion Ratio Lower Upper

142 100

141 93.0 74.2 111.4

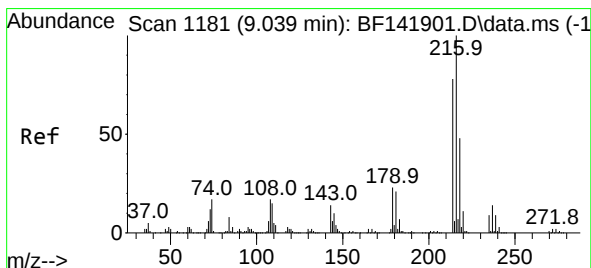
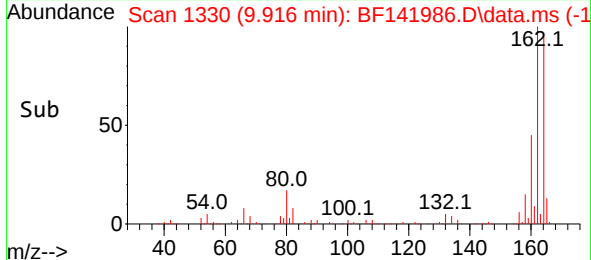
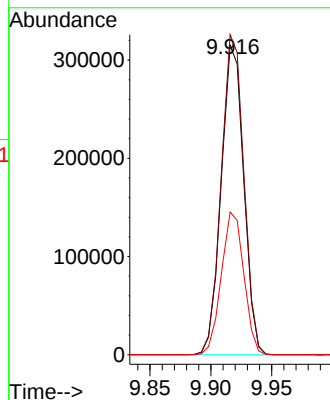
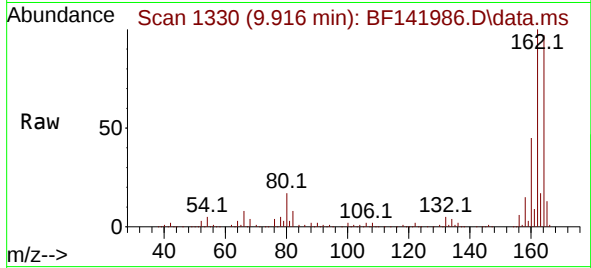




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

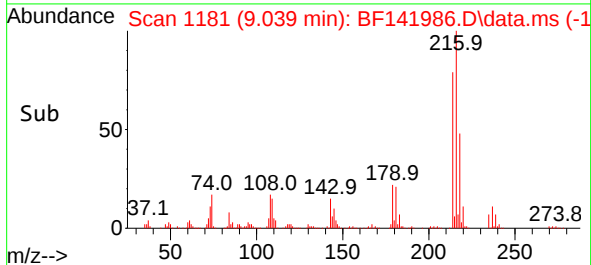
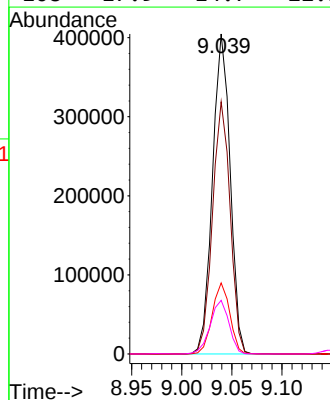
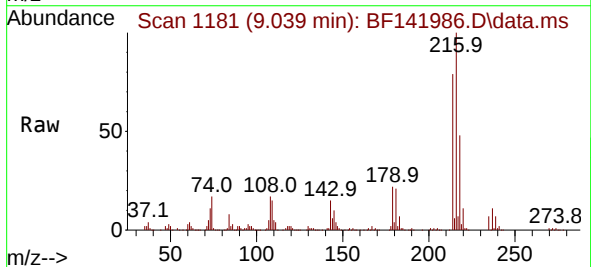
Instrument :
BNA_F
ClientSampleId :

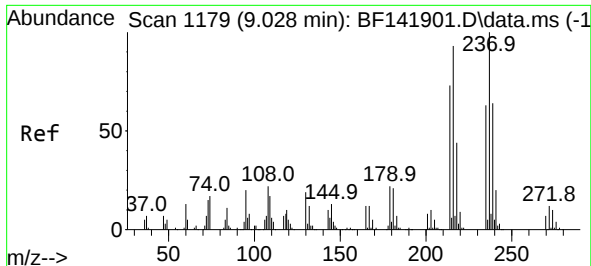
Tgt Ion:164 Resp: 404779
Ion Ratio Lower Upper
164 100
162 103.4 81.8 122.6
160 46.1 36.7 55.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.267 ng
RT: 9.039 min Scan# 1181
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:216 Resp: 496252
Ion Ratio Lower Upper
216 100
214 78.7 61.9 92.9
179 22.1 18.1 27.1
108 17.9 14.7 22.1

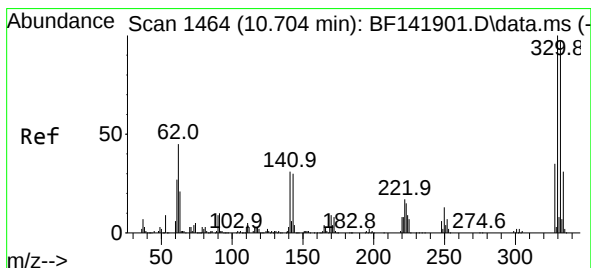
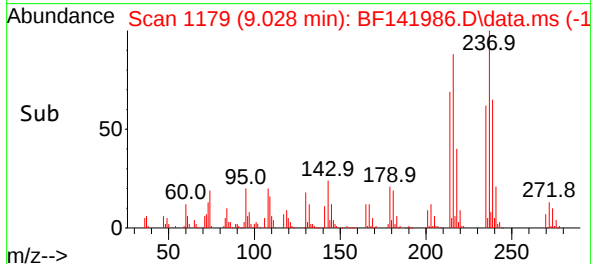
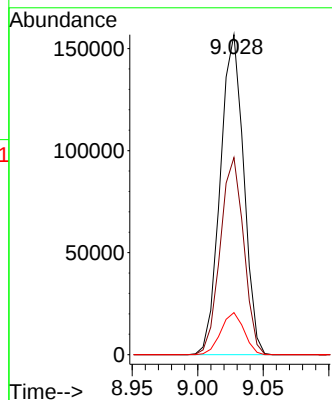
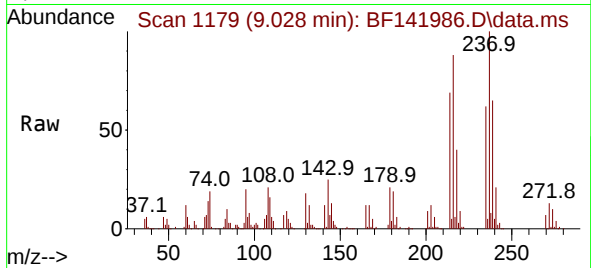




#41
Hexachlorocyclopentadiene
Concen: 40.332 ng
RT: 9.028 min Scan# 1179
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

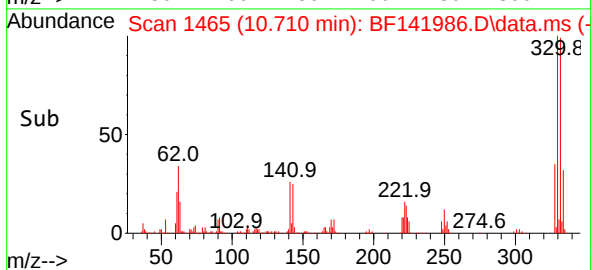
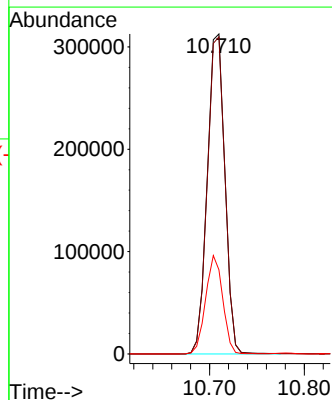
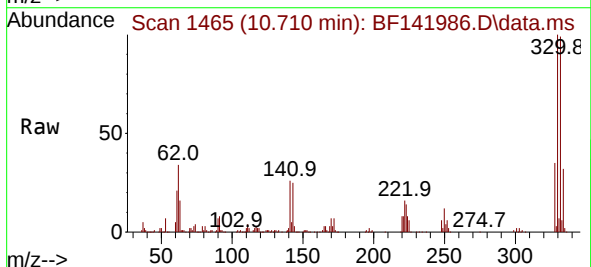
Instrument :
BNA_F
ClientSampleId :

Tgt Ion: 237 Resp: 194522
Ion Ratio Lower Upper
237 100
235 61.6 43.1 83.1
272 13.1 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 78.373 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion: 330 Resp: 402460
Ion Ratio Lower Upper
330 100
332 99.1 77.6 116.4
141 29.9 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 39.167 ng

RT: 9.151 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

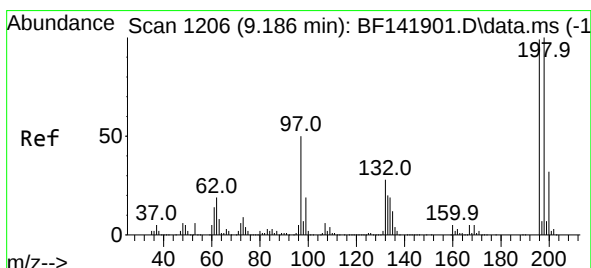
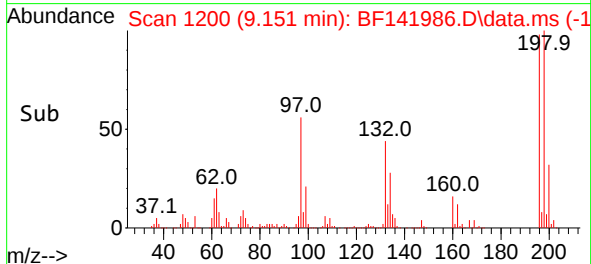
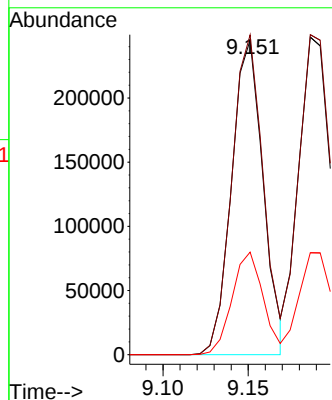
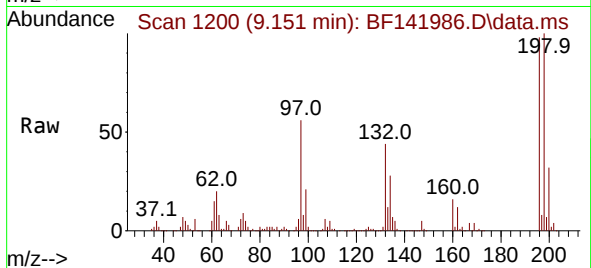
Tgt Ion:196 Resp: 315456

Ion Ratio Lower Upper

196 100

198 101.6 80.6 121.0

200 32.6 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 40.458 ng

RT: 9.186 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Tgt Ion:196 Resp: 330026

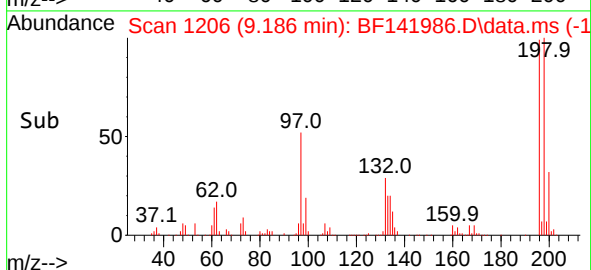
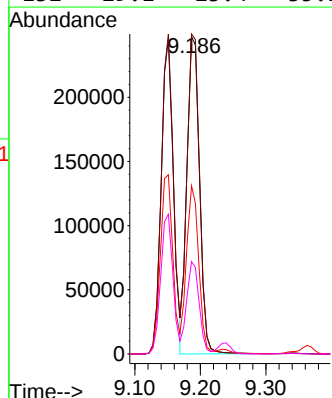
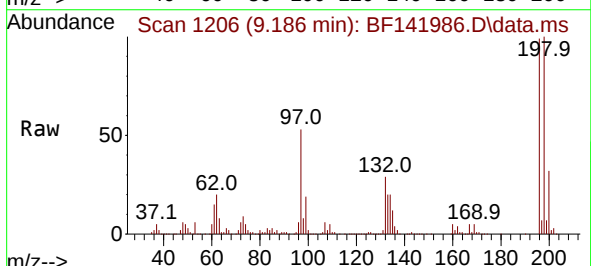
Ion Ratio Lower Upper

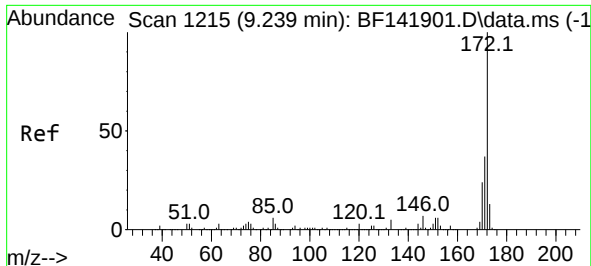
196 100

198 100.7 80.7 121.1

97 53.0 42.1 63.1

132 29.1 23.4 35.2

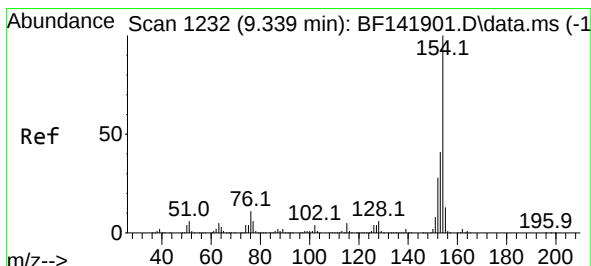
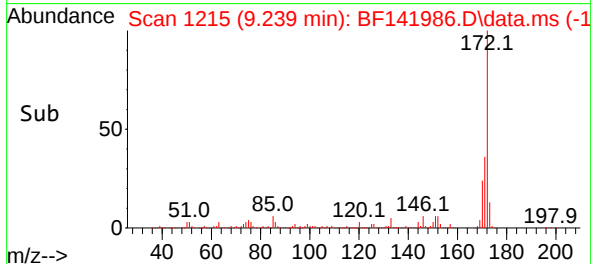
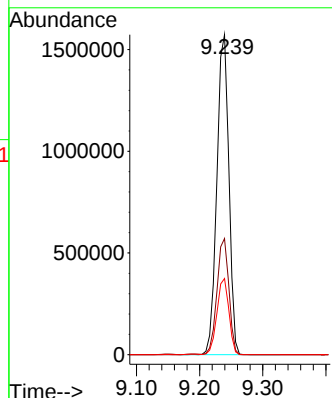
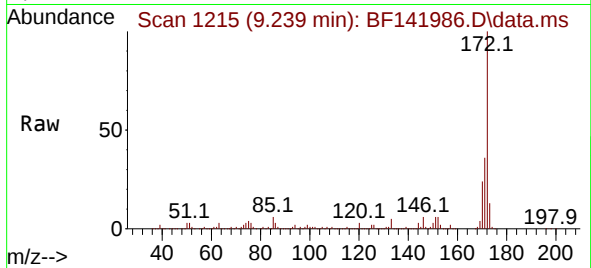




#45
2-Fluorobiphenyl
Concen: 77.707 ng
RT: 9.239 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

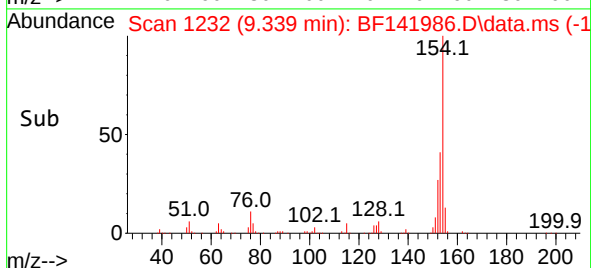
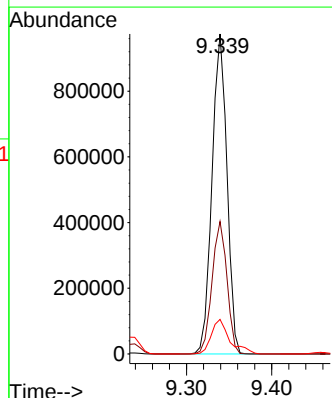
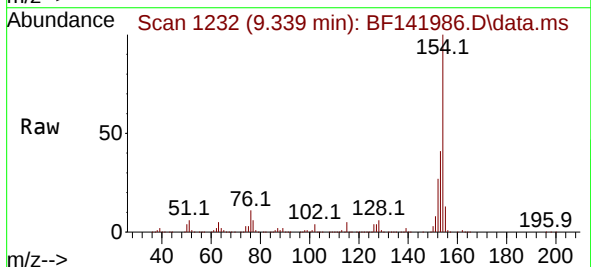
Instrument :
BNA_F
ClientSampleId :

Tgt Ion:172 Resp: 2068249
Ion Ratio Lower Upper
172 100
171 36.3 29.3 43.9
170 23.8 19.4 29.0



#46
1,1'-Biphenyl
Concen: 38.497 ng
RT: 9.339 min Scan# 1232
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:154 Resp: 1184016
Ion Ratio Lower Upper
154 100
153 41.4 21.1 61.1
76 10.8 0.0 31.3





#47

2-Chloronaphthalene

Concen: 38.643 ng

RT: 9.363 min Scan# 1236

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

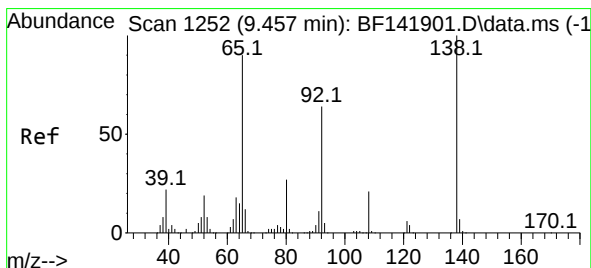
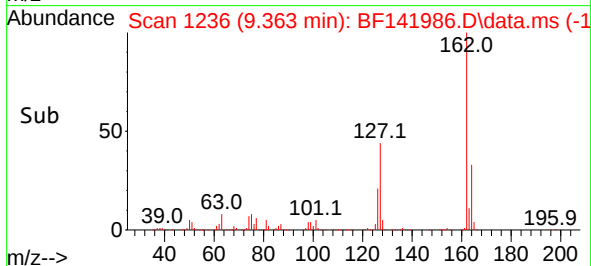
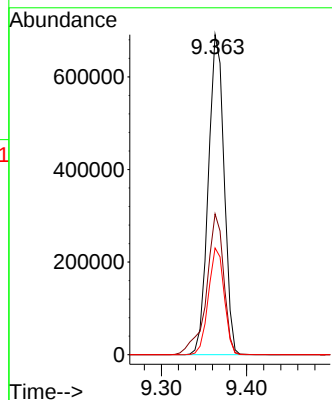
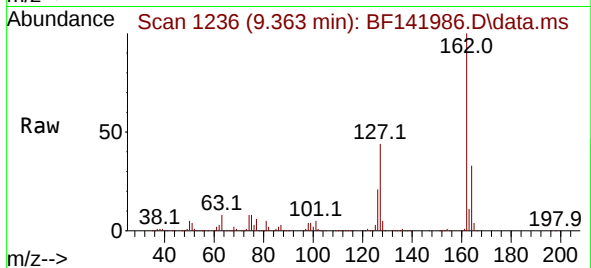
Tgt Ion:162 Resp: 885839

Ion Ratio Lower Upper

162 100

127 44.0 35.5 53.3

164 33.4 26.6 40.0



#48

2-Nitroaniline

Concen: 38.027 ng

RT: 9.457 min Scan# 1252

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

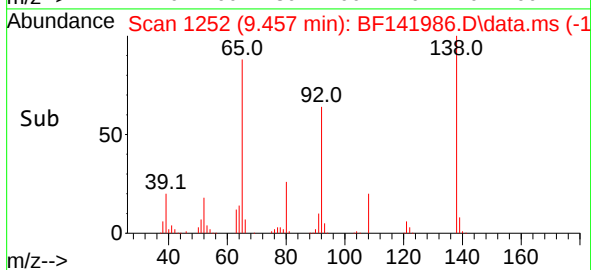
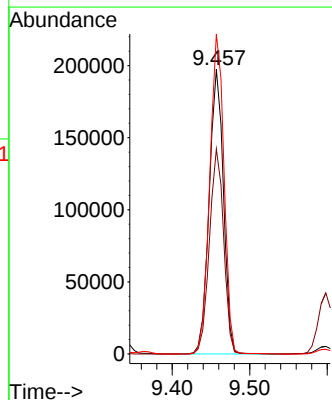
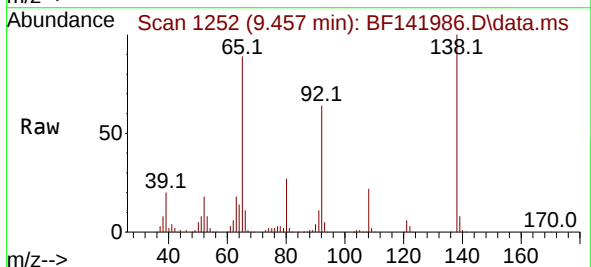
Tgt Ion: 65 Resp: 252402

Ion Ratio Lower Upper

65 100

92 72.0 56.6 84.8

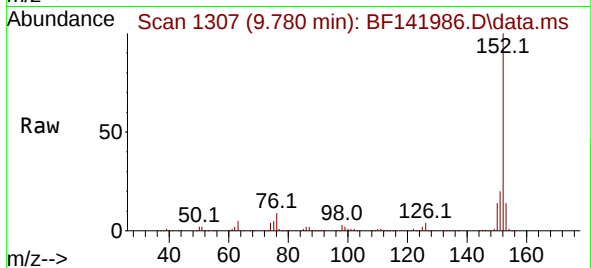
138 112.5 88.6 133.0



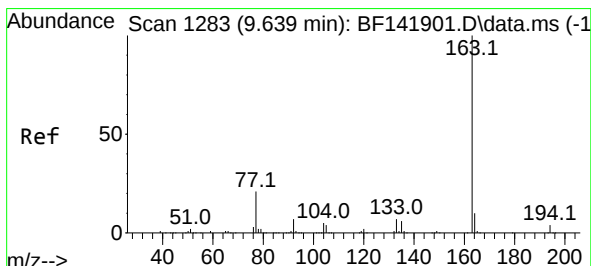
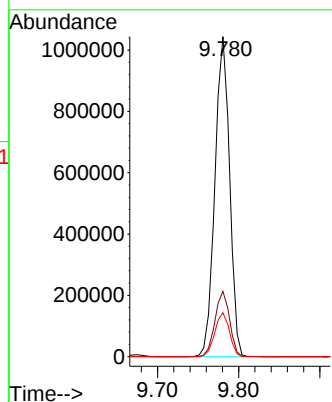
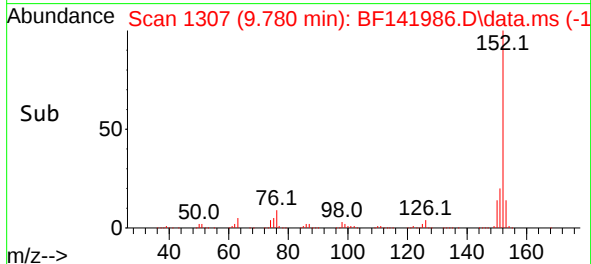


#49
Acenaphthylene
Concen: 38.522 ng
RT: 9.780 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

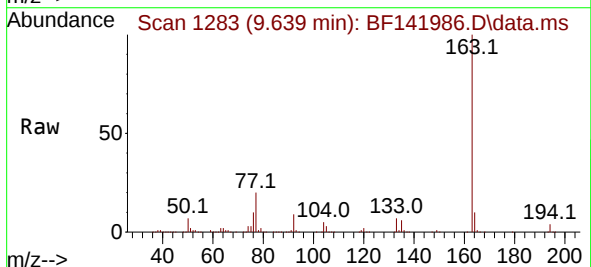
Instrument :
BNA_F
ClientSampleId :



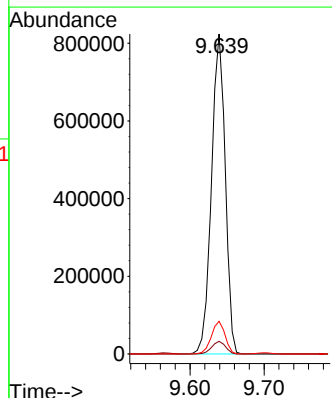
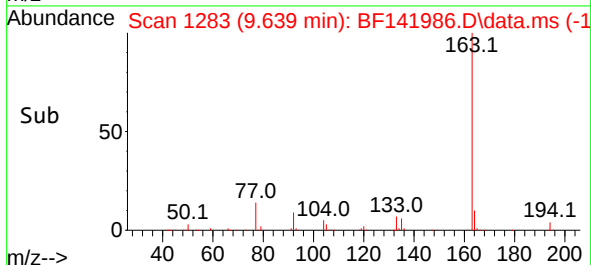
Tgt Ion:152 Resp: 1310429
Ion Ratio Lower Upper
152 100
151 20.4 16.3 24.5
153 13.8 11.1 16.7



#50
Dimethylphthalate
Concen: 37.497 ng
RT: 9.639 min Scan# 1283
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00



Tgt Ion:163 Resp: 1062885
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.2 8.2 12.4

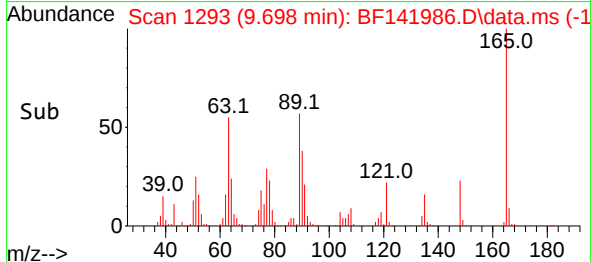
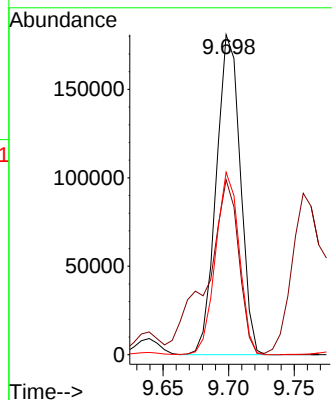
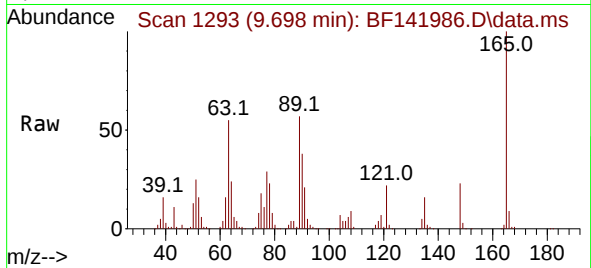




#51
2,6-Dinitrotoluene
Concen: 39.024 ng
RT: 9.698 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

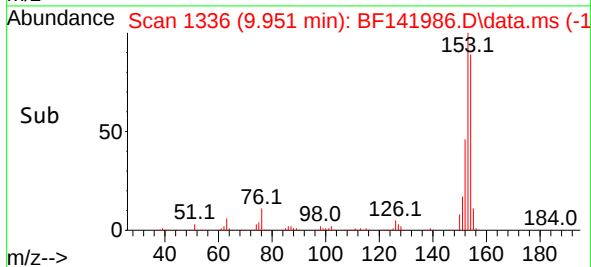
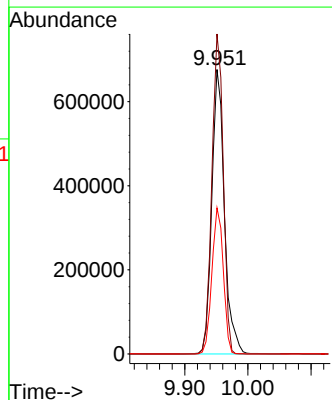
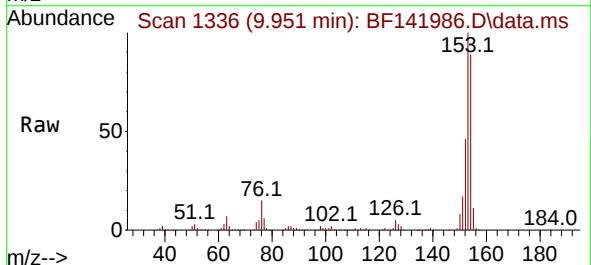
Instrument :
BNA_F
ClientSampleId :

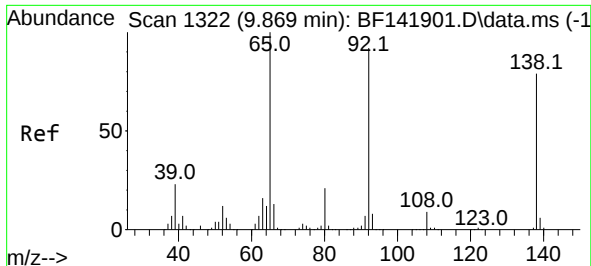
Tgt Ion:165 Resp: 230313
Ion Ratio Lower Upper
165 100
63 54.6 47.0 70.4
89 57.0 47.4 71.2



#52
Acenaphthene
Concen: 39.142 ng
RT: 9.951 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

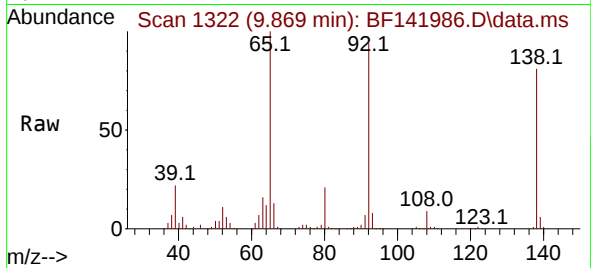
Tgt Ion:154 Resp: 935747
Ion Ratio Lower Upper
154 100
153 112.5 90.7 136.1
152 51.4 41.1 61.7



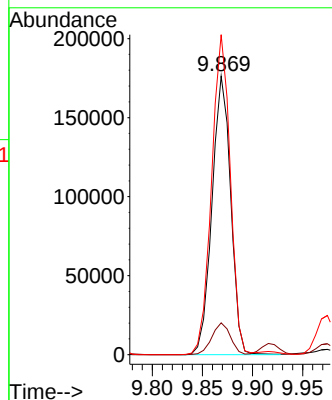
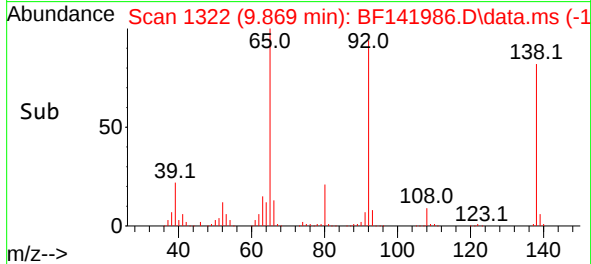


#53
3-Nitroaniline
Concen: 38.185 ng
RT: 9.869 min Scan# 1322
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Instrument :
BNA_F
ClientSampleId :

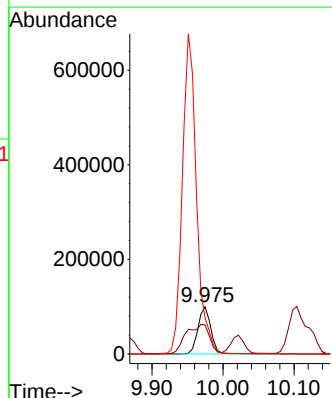
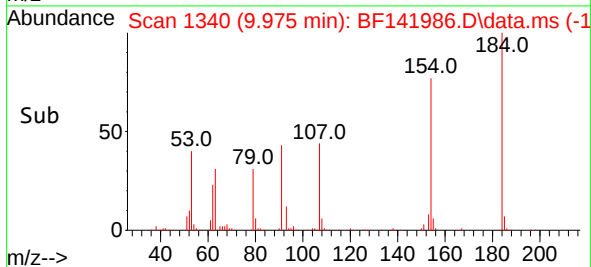
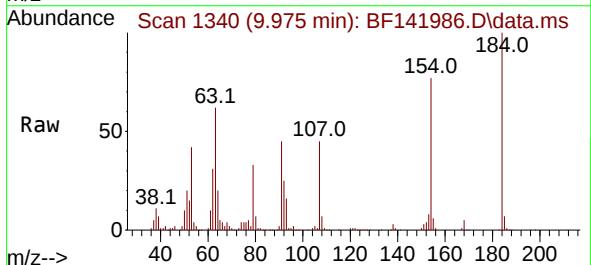


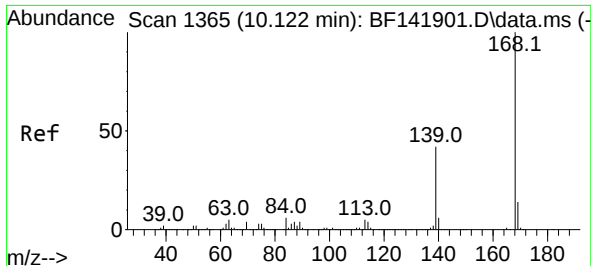
Tgt Ion:138 Resp: 228599
Ion Ratio Lower Upper
138 100
108 11.4 9.3 13.9
92 114.9 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 41.015 ng
RT: 9.975 min Scan# 1340
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:184 Resp: 125830
Ion Ratio Lower Upper
184 100
63 61.7 60.2 90.4
154 77.4 132.9 199.3#

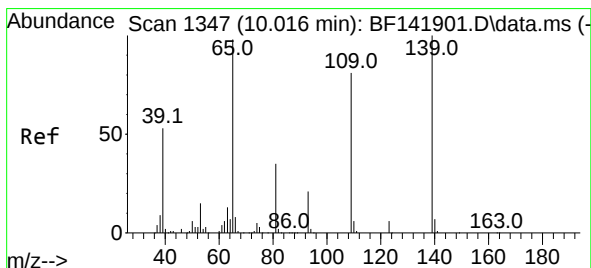
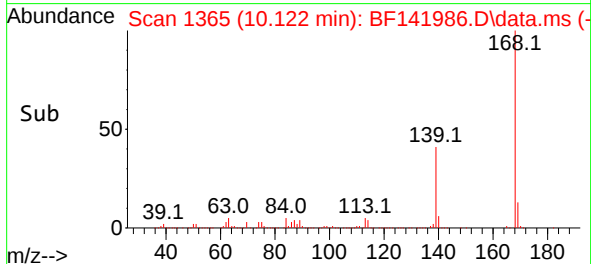
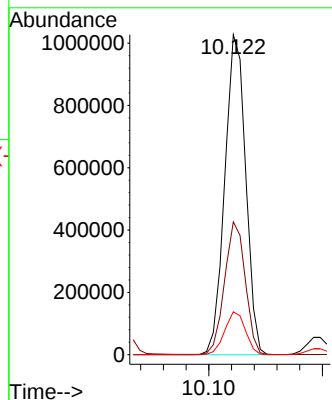
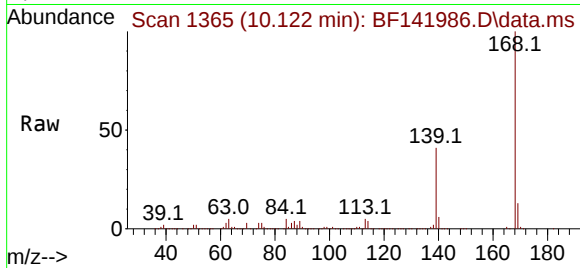




#55
Dibenzenofuran
Concen: 38.386 ng
RT: 10.122 min Scan# 1365
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

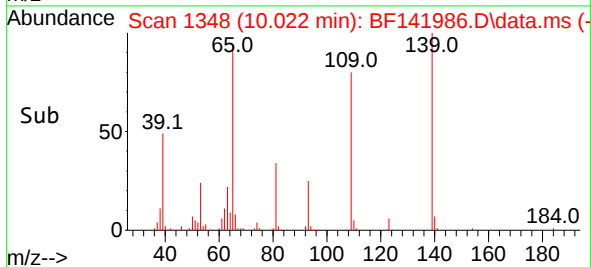
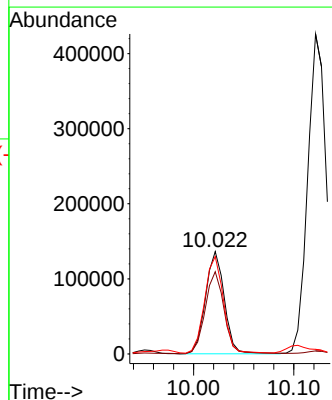
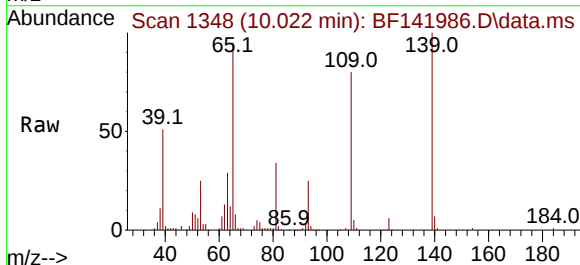
Instrument :
BNA_F
ClientSampleId :

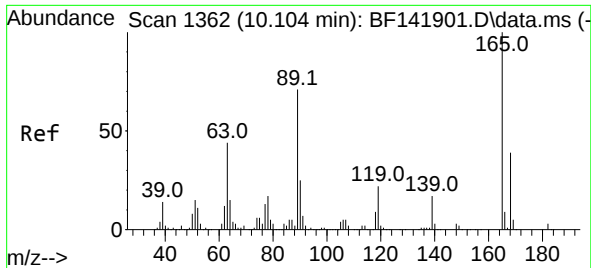
Tgt Ion:168 Resp: 1311220
Ion Ratio Lower Upper
168 100
139 41.5 33.9 50.9
169 13.4 11.0 16.4



#56
4-Nitrophenol
Concen: 39.520 ng
RT: 10.022 min Scan# 1348
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:139 Resp: 178419
Ion Ratio Lower Upper
139 100
109 80.2 61.6 101.6
65 95.2 79.4 119.4

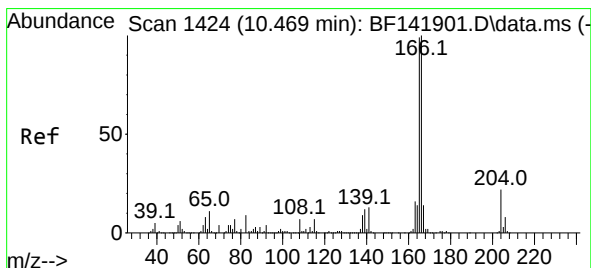
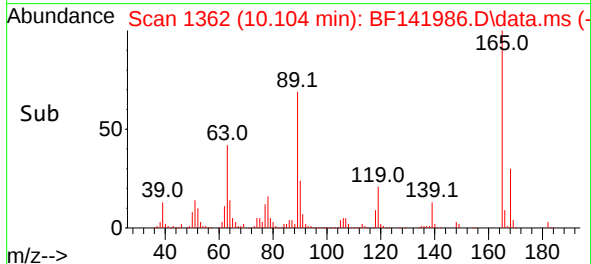
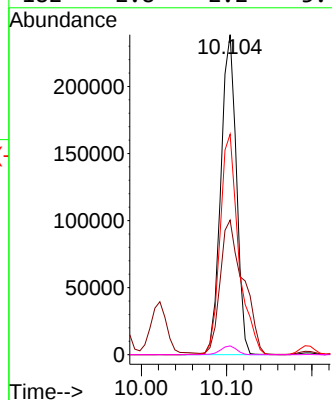
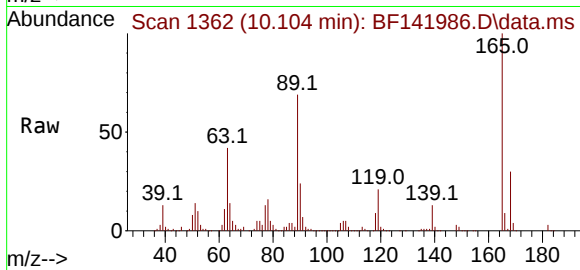




#57
2,4-Dinitrotoluene
Concen: 39.151 ng
RT: 10.104 min Scan# 1362
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

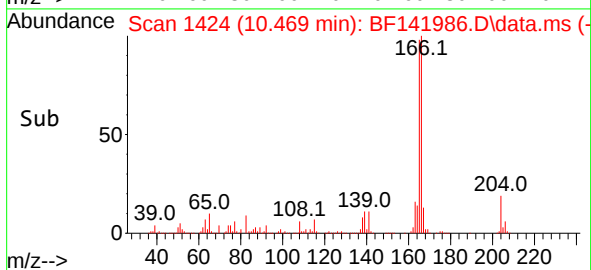
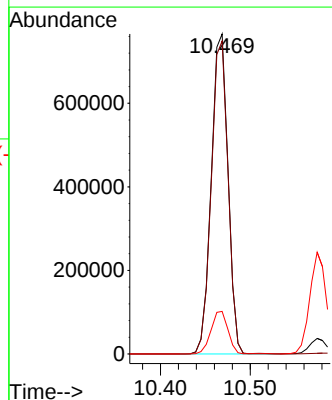
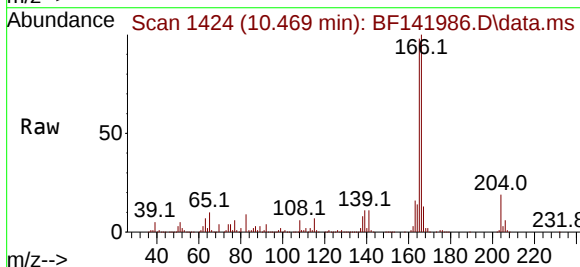
Instrument :
BNA_F
ClientSampleId :

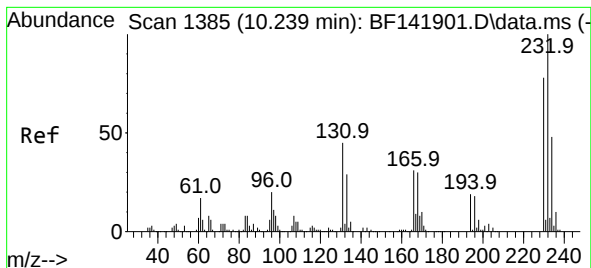
Tgt Ion:165 Resp: 301789
Ion Ratio Lower Upper
165 100
63 42.1 35.4 53.2
89 68.9 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 37.669 ng
RT: 10.469 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

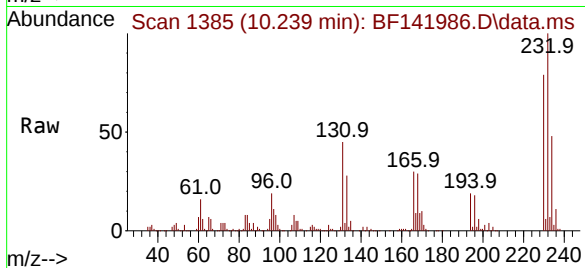
Tgt Ion:166 Resp: 992294
Ion Ratio Lower Upper
166 100
165 97.8 79.0 118.4
167 13.3 11.0 16.4



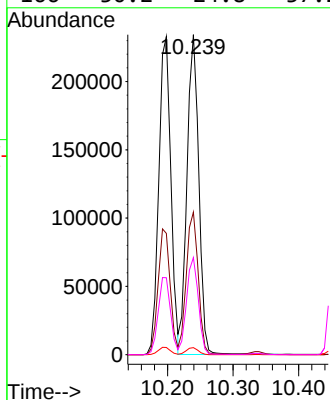
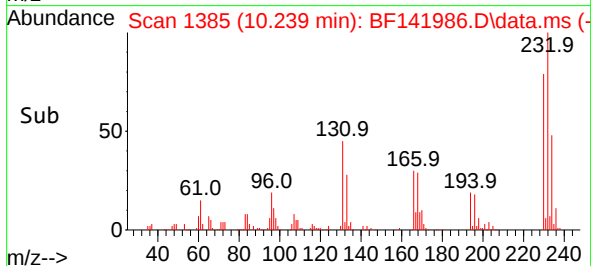


#59
2,3,4,6-Tetrachlorophenol
Concen: 39.207 ng
RT: 10.239 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

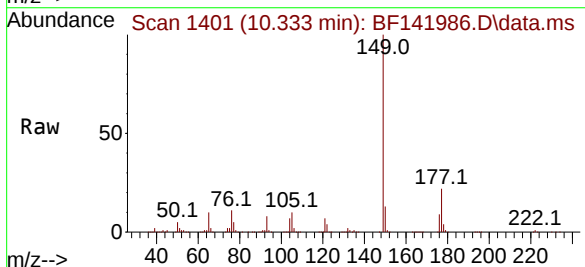
Instrument :
BNA_F
ClientSampleId :



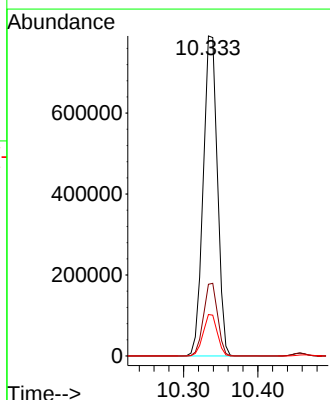
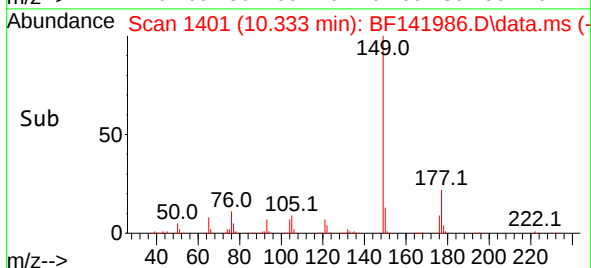
Tgt Ion:232 Resp: 291029
Ion Ratio Lower Upper
232 100
131 45.1 37.3 55.9
130 2.2 1.9 2.9
166 30.2 24.8 37.2

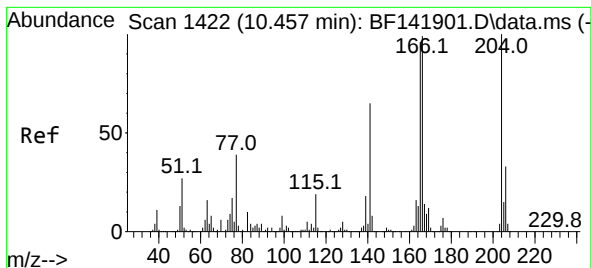


#60
Diethylphthalate
Concen: 37.269 ng
RT: 10.333 min Scan# 1401
Delta R.T. -0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00



Tgt Ion:149 Resp: 1053367
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 13.0 10.2 15.4

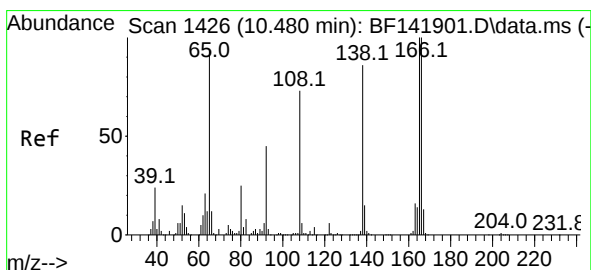
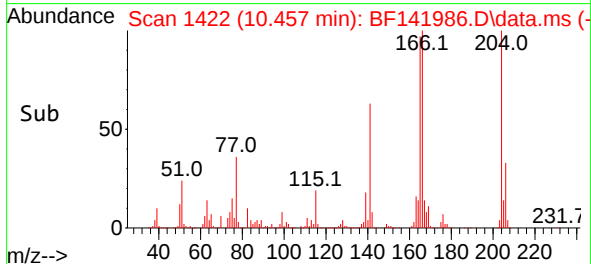
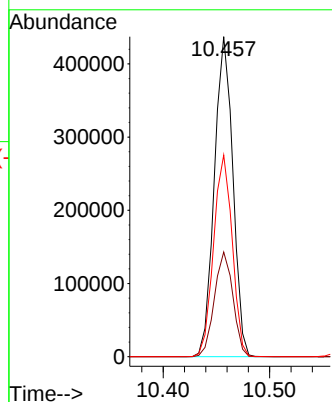
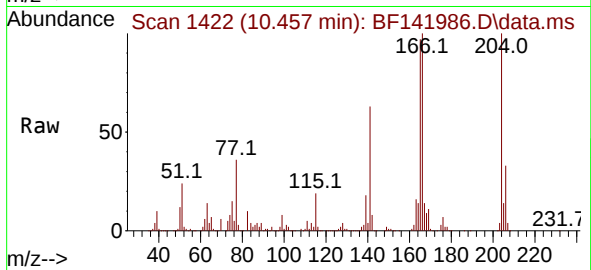




#61
4-Chlorophenyl-phenylether
Concen: 38.356 ng
RT: 10.457 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

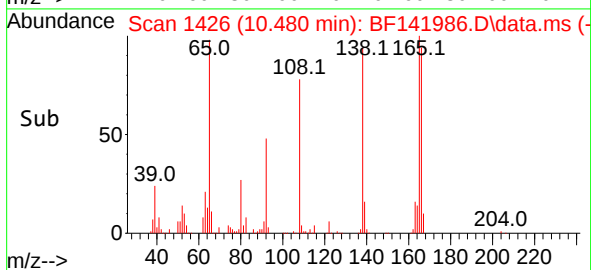
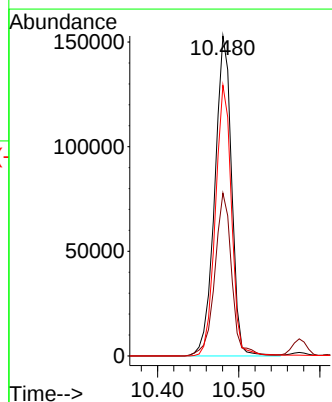
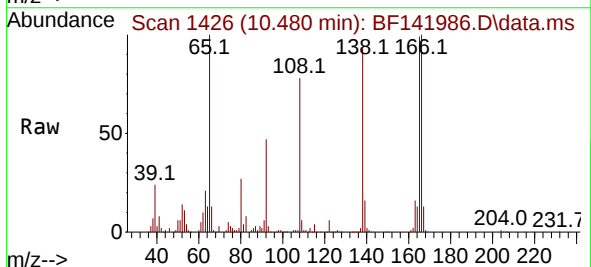
Instrument :
BNA_F
ClientSampleId :

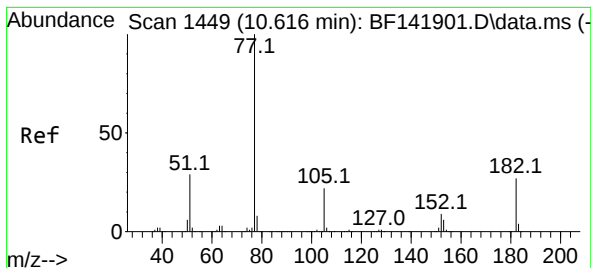
Tgt Ion:204 Resp: 526771
Ion Ratio Lower Upper
204 100
206 32.7 26.8 40.2
141 63.0 52.4 78.6



#62
4-Nitroaniline
Concen: 37.942 ng
RT: 10.480 min Scan# 1426
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:138 Resp: 221139
Ion Ratio Lower Upper
138 100
92 50.9 32.6 72.6
108 84.6 65.0 105.0





#63

Azobenzene

Concen: 36.226 ng

RT: 10.616 min Scan# 1449

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

Tgt Ion: 77 Resp: 951940

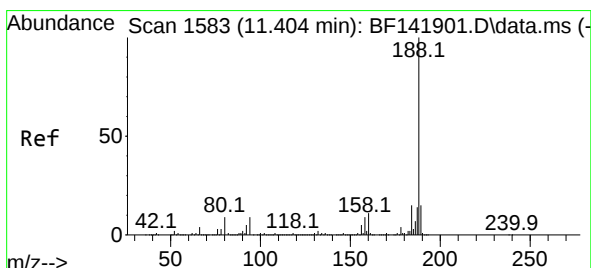
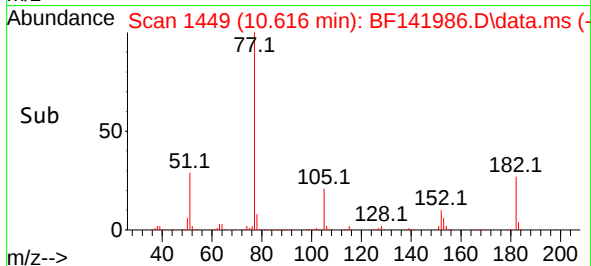
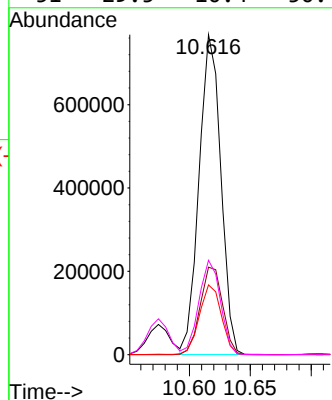
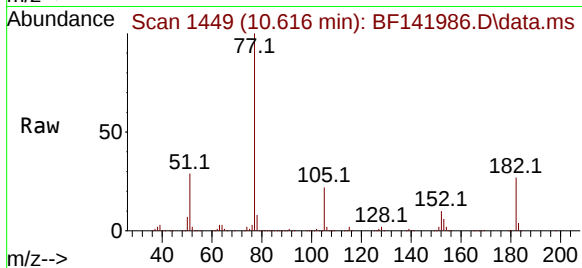
Ion Ratio Lower Upper

77 100

182 27.4 6.6 46.6

105 21.8 1.3 41.3

51 29.5 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

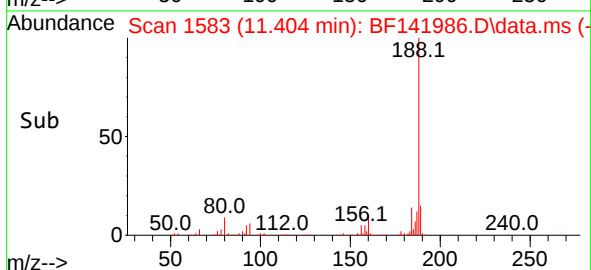
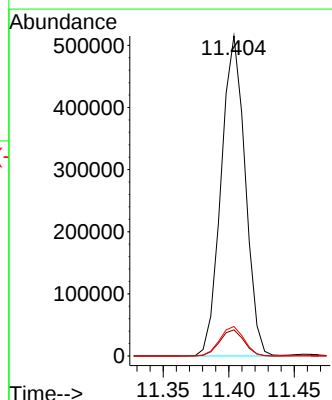
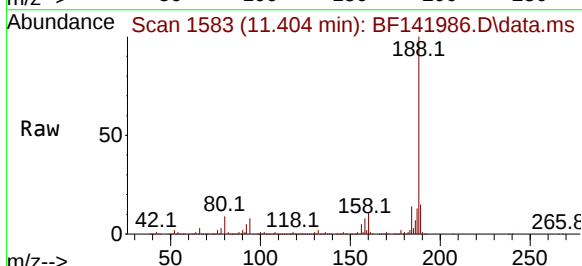
Tgt Ion: 188 Resp: 656489

Ion Ratio Lower Upper

188 100

94 8.1 6.8 10.2

80 9.2 7.6 11.4

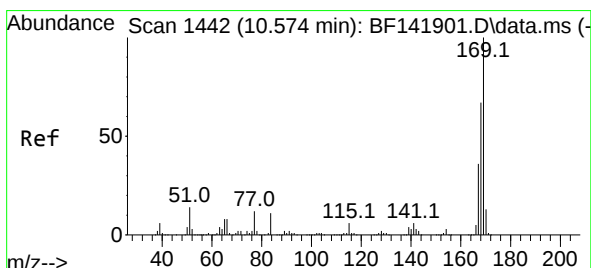
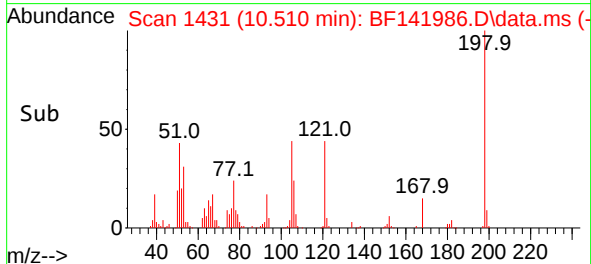
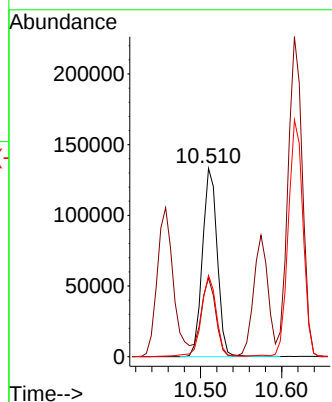
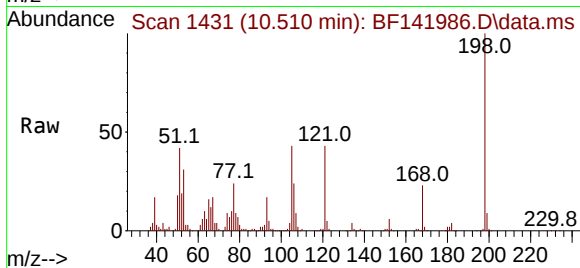




#65
4,6-Dinitro-2-methylphenol
Concen: 43.074 ng
RT: 10.510 min Scan# 1431
Delta R.T. -0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

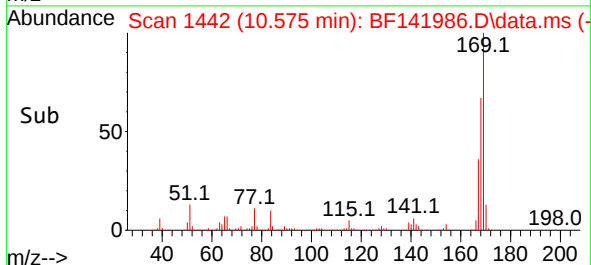
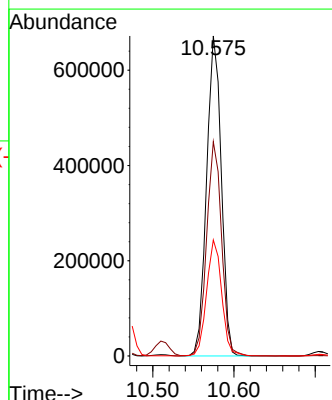
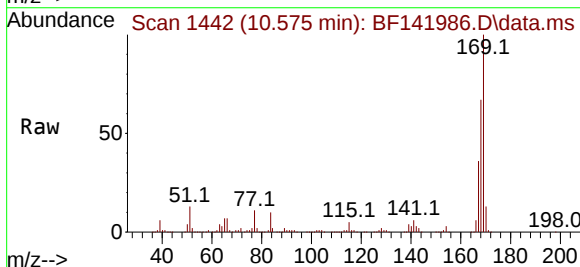
Instrument :
BNA_F
ClientSampleId :

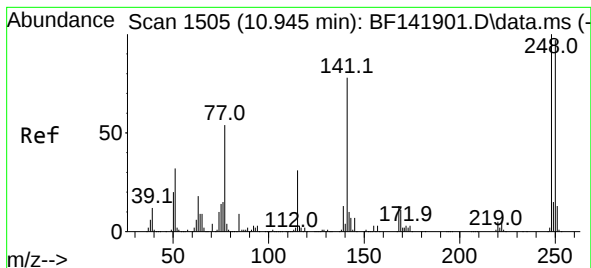
Tgt Ion:198 Resp: 168574
Ion Ratio Lower Upper
198 100
51 41.8 22.3 62.3
105 43.1 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 39.659 ng
RT: 10.575 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

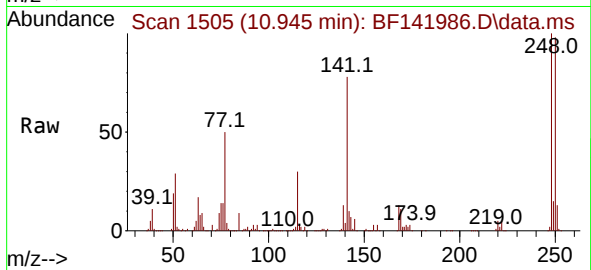
Tgt Ion:169 Resp: 842525
Ion Ratio Lower Upper
169 100
168 66.9 53.7 80.5
167 36.2 29.2 43.8



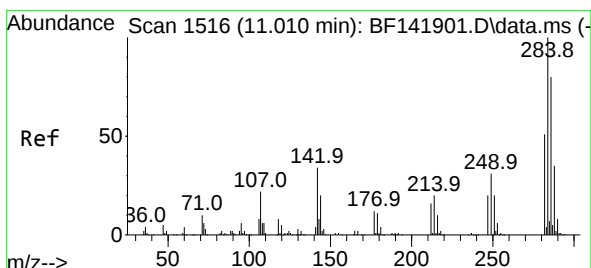
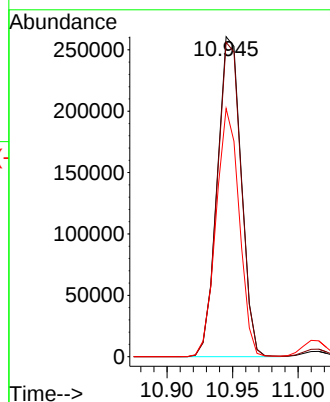
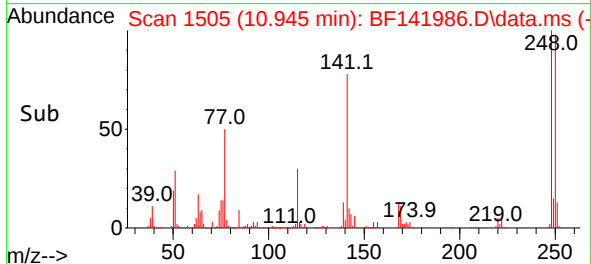


#67
4-Bromophenyl-phenylether
Concen: 40.275 ng
RT: 10.945 min Scan# 1505
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

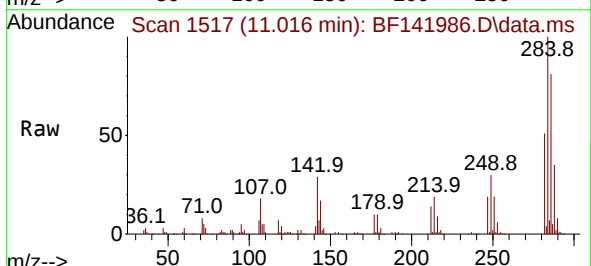
Instrument :
BNA_F
ClientSampleId :



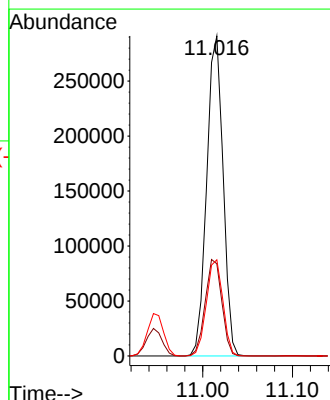
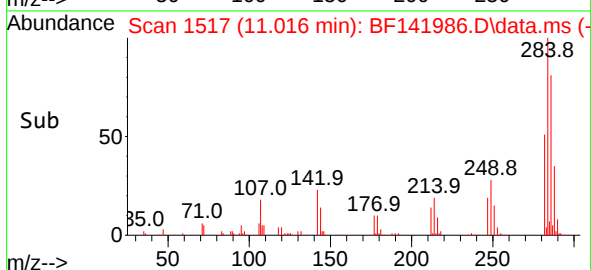
Tgt Ion:248 Resp: 332055
Ion Ratio Lower Upper
248 100
250 98.2 77.8 116.8
141 77.5 62.6 93.8



#68
Hexachlorobenzene
Concen: 40.783 ng
RT: 11.016 min Scan# 1517
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00



Tgt Ion:284 Resp: 368782
Ion Ratio Lower Upper
284 100
142 28.8 27.0 40.6
249 30.1 25.2 37.8





#69

Atrazine

Concen: 34.069 ng

RT: 11.098 min Scan# 1531

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

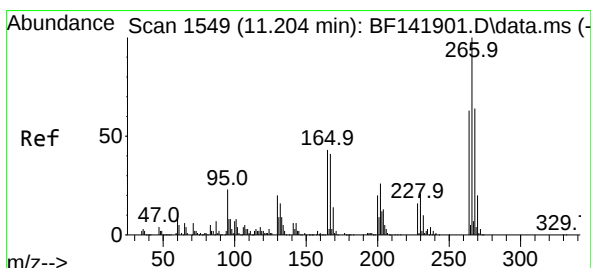
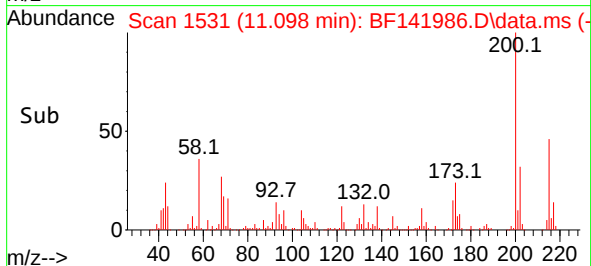
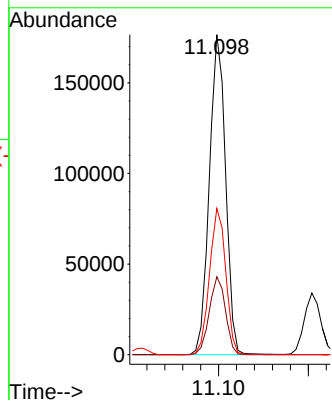
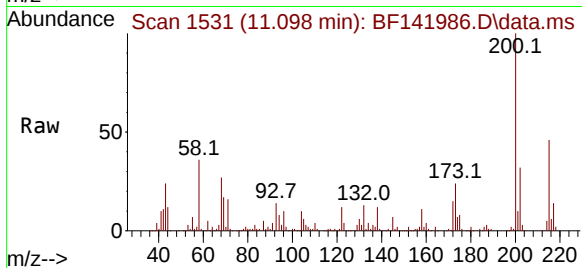
Tgt Ion:200 Resp: 221880

Ion Ratio Lower Upper

200 100

173 24.4 4.7 44.7

215 45.7 25.4 65.4



#70

Pentachlorophenol

Concen: 42.349 ng

RT: 11.204 min Scan# 1549

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

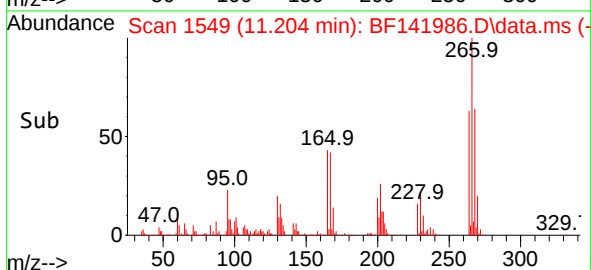
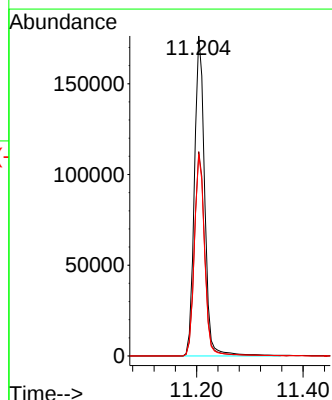
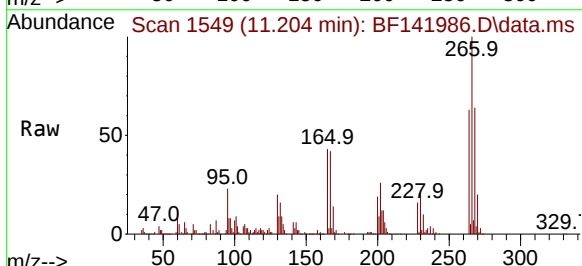
Tgt Ion:266 Resp: 235941

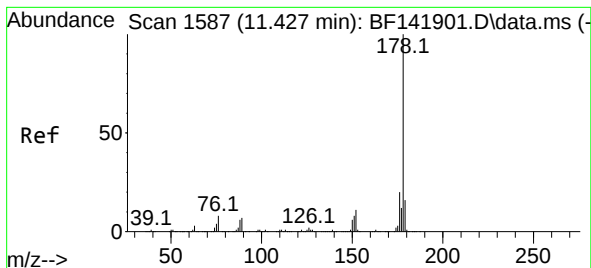
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 63.0 50.2 75.2





#71

Phenanthrene

Concen: 38.514 ng

RT: 11.427 min Scan# 1587

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

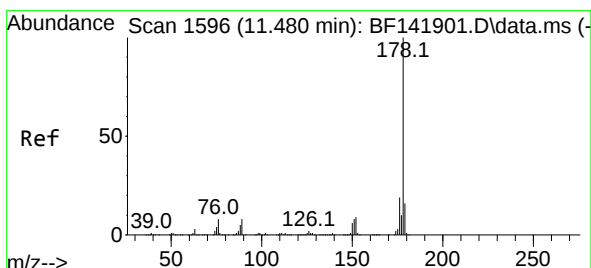
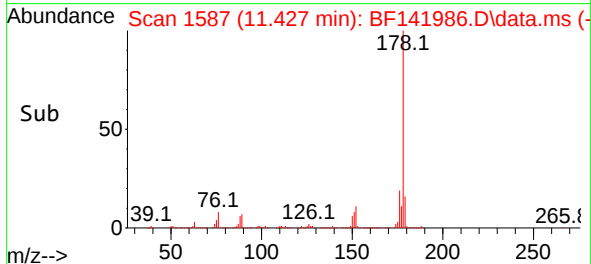
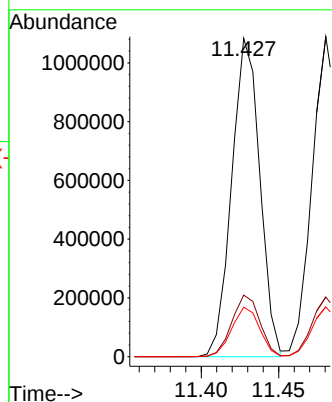
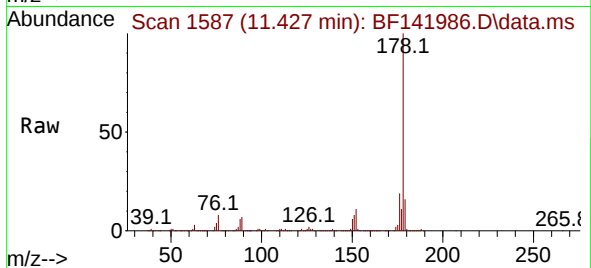
Tgt Ion:178 Resp: 1365675

Ion Ratio Lower Upper

178 100

176 19.4 15.8 23.8

179 15.5 12.6 19.0



#72

Anthracene

Concen: 38.553 ng

RT: 11.480 min Scan# 1596

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

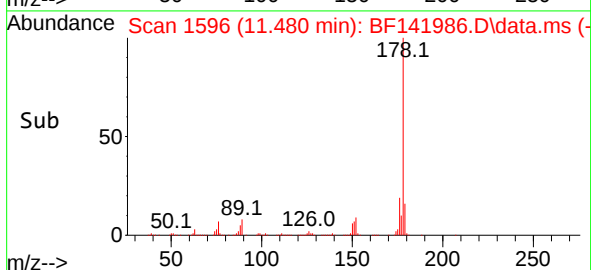
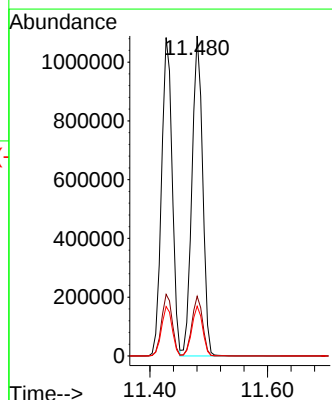
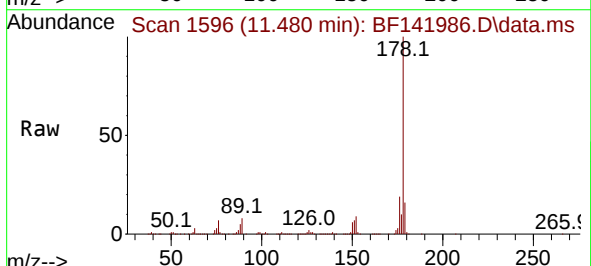
Tgt Ion:178 Resp: 1371511

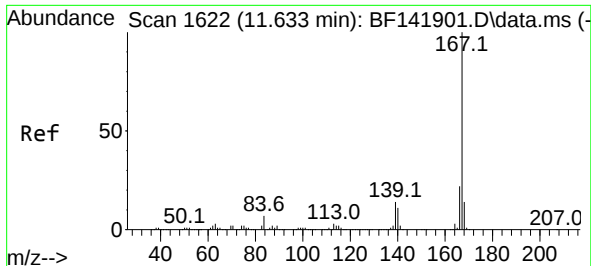
Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

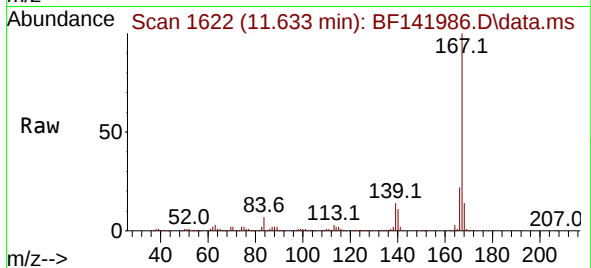
179 15.6 12.6 19.0





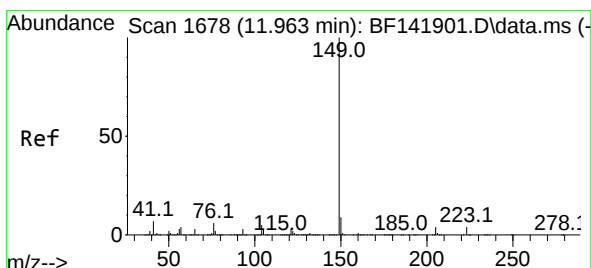
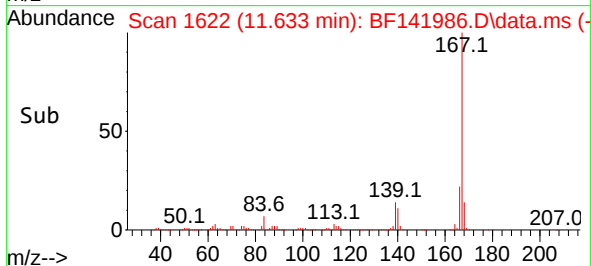
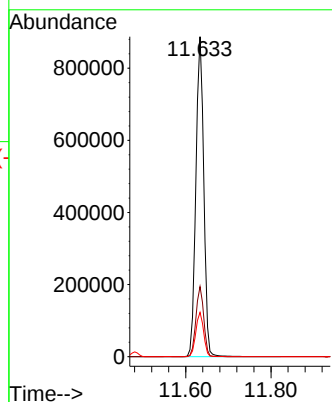
#73
 Carbazole
 Concen: 37.135 ng
 RT: 11.633 min Scan# 1622
 Delta R.T. 0.000 min
 Lab File: BF141986.D
 Acq: 18 Mar 2025 10:00

Instrument :
 BNA_F
 ClientSampleId :



Tgt Ion:167 Resp: 1139310

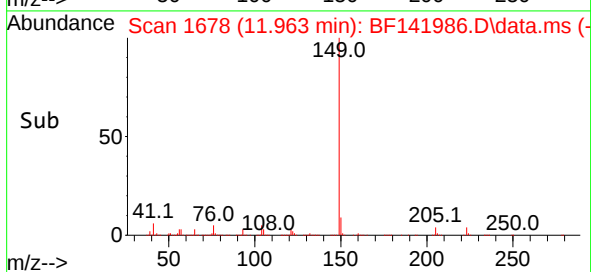
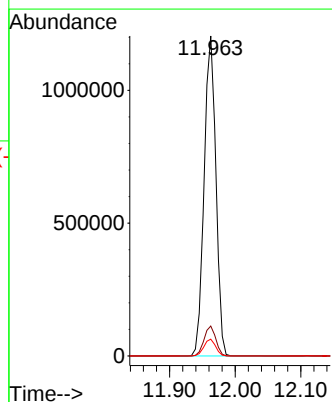
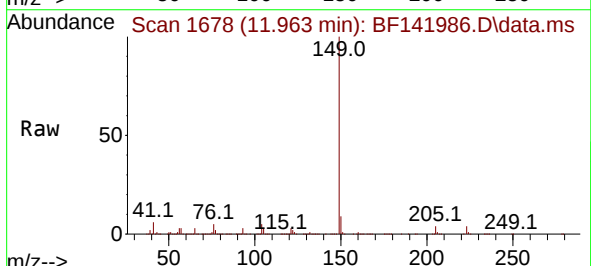
Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.4	26.2
139	13.9	11.0	16.6

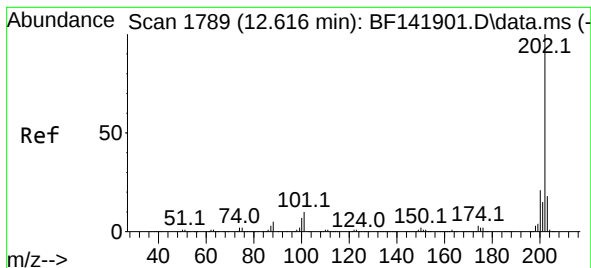


#74
 Di-n-butylphthalate
 Concen: 36.961 ng
 RT: 11.963 min Scan# 1678
 Delta R.T. 0.000 min
 Lab File: BF141986.D
 Acq: 18 Mar 2025 10:00

Tgt Ion:149 Resp: 1504625

Ion	Ratio	Lower	Upper
149	100		
150	9.3	7.6	11.4
104	5.2	4.4	6.6

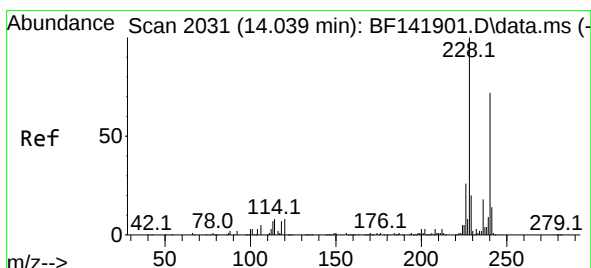
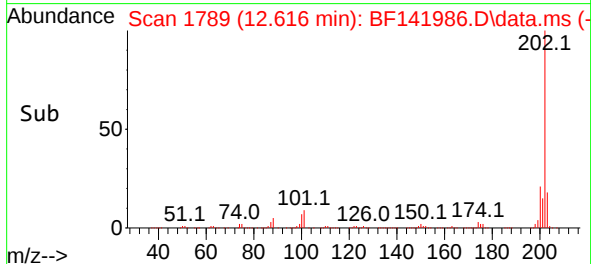
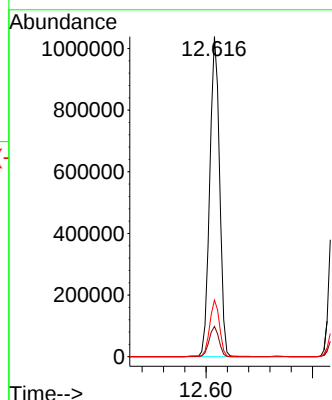
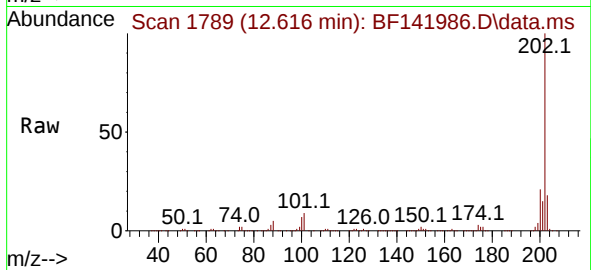




#75
Fluoranthene
Concen: 35.328 ng
RT: 12.616 min Scan# 1789
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

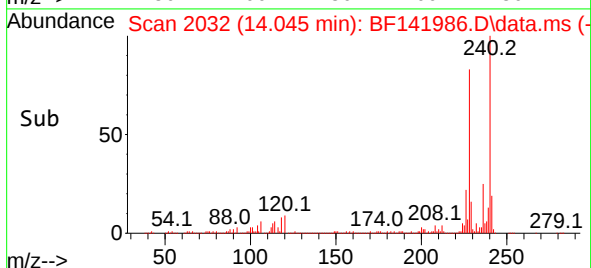
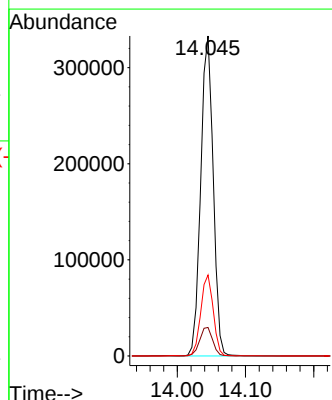
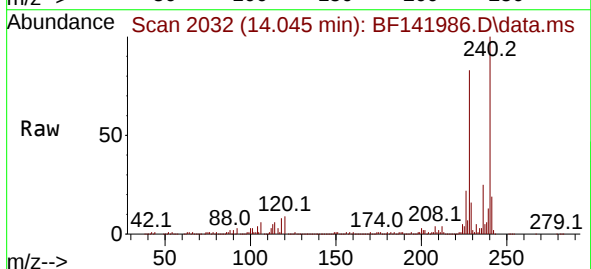
Instrument :
BNA_F
ClientSampleId :

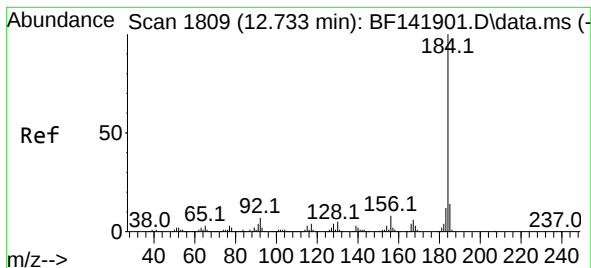
Tgt Ion:202 Resp: 1328836
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.7
203 17.7 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:240 Resp: 423581
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.3 20.5 30.7





#77

Benzidine

Concen: 58.500 ng

RT: 12.733 min Scan# 1809

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

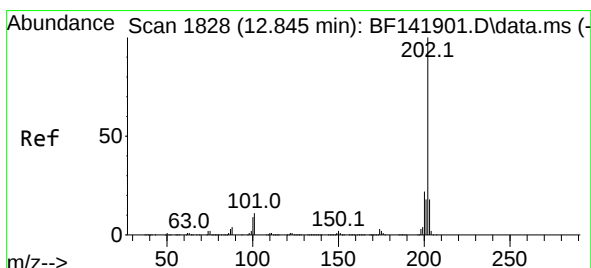
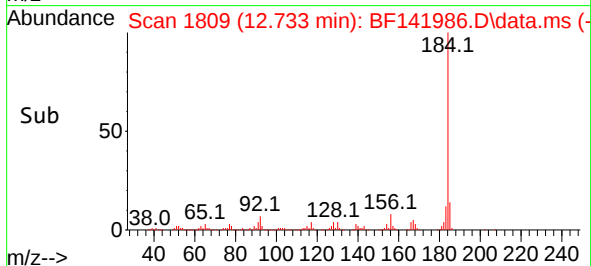
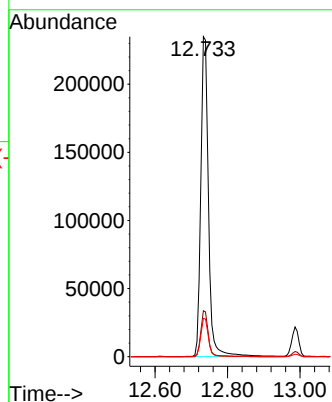
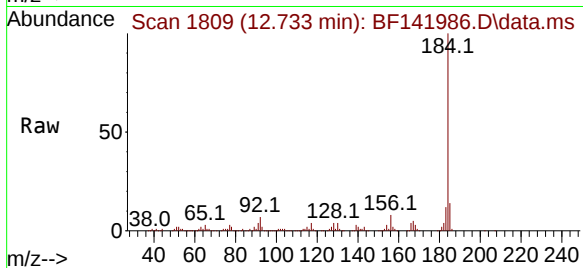
Tgt Ion:184 Resp: 345723

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 12.0 9.7 14.5



#78

Pyrene

Concen: 35.766 ng

RT: 12.845 min Scan# 1828

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

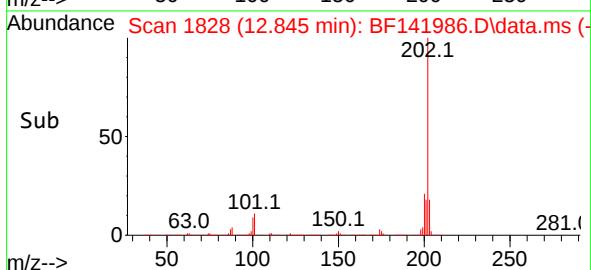
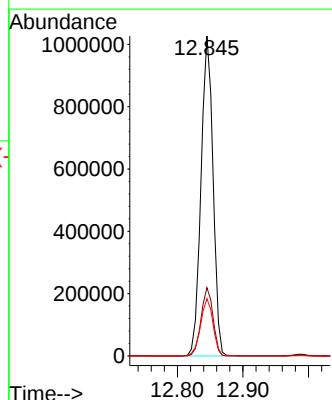
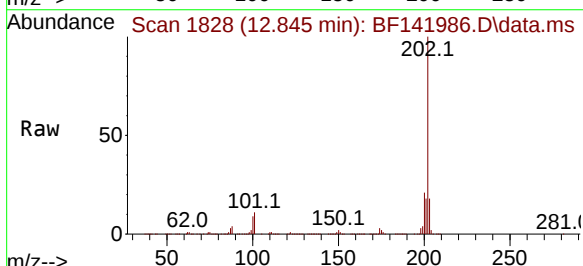
Tgt Ion:202 Resp: 1310463

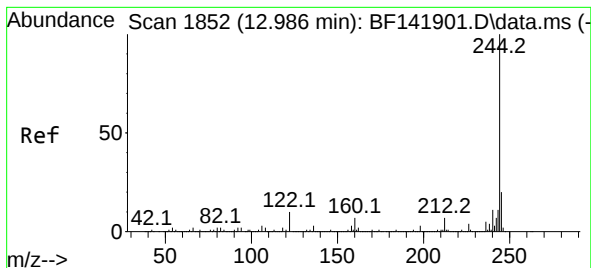
Ion Ratio Lower Upper

202 100

200 21.3 17.3 25.9

203 17.9 14.4 21.6





#79

Terphenyl-d14

Concen: 72.220 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.000 min

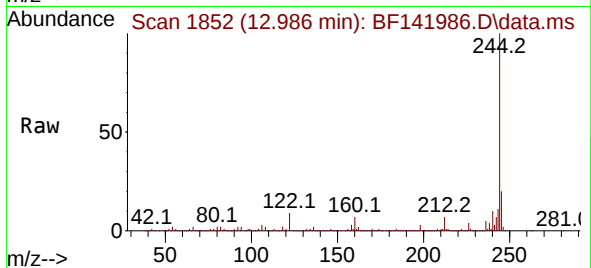
Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :



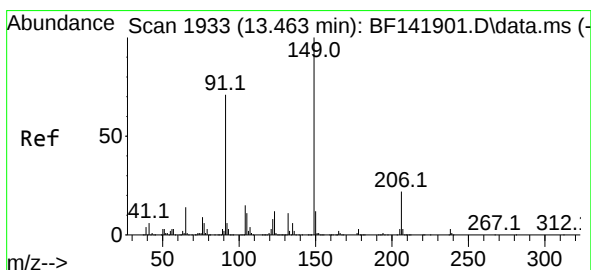
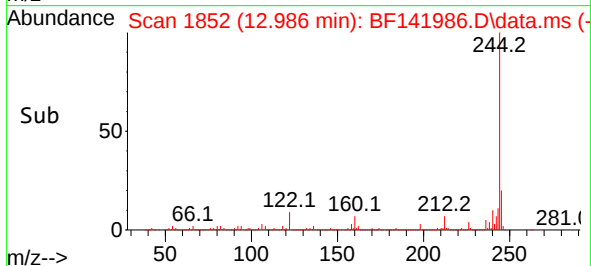
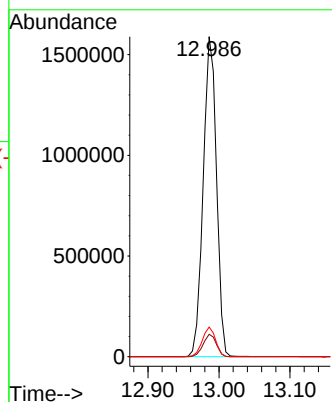
Tgt Ion:244 Resp: 2069130

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

122 9.3 7.7 11.5



#80

Butylbenzylphthalate

Concen: 35.689 ng

RT: 13.463 min Scan# 1933

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

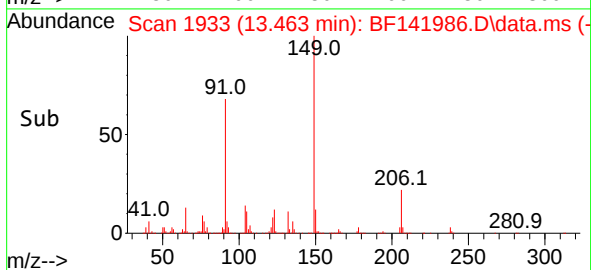
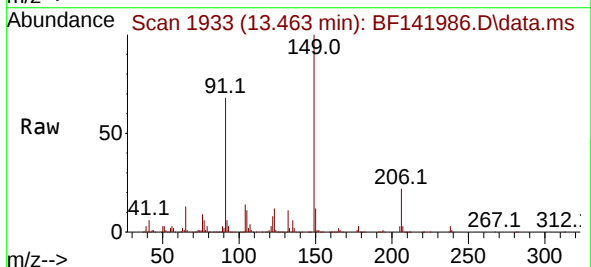
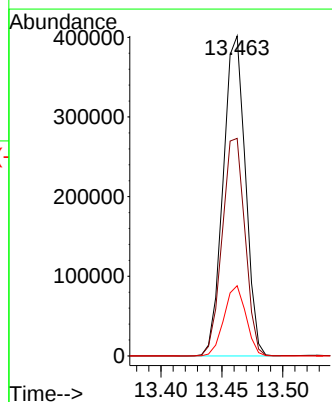
Tgt Ion:149 Resp: 511817

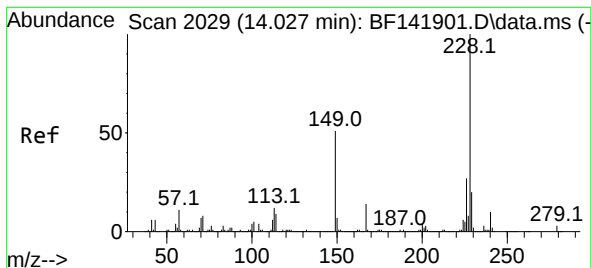
Ion Ratio Lower Upper

149 100

91 68.0 56.5 84.7

206 22.0 17.3 25.9





#81

Benzo(a)anthracene

Concen: 37.966 ng

RT: 14.033 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

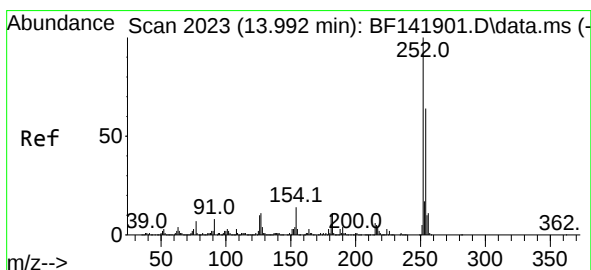
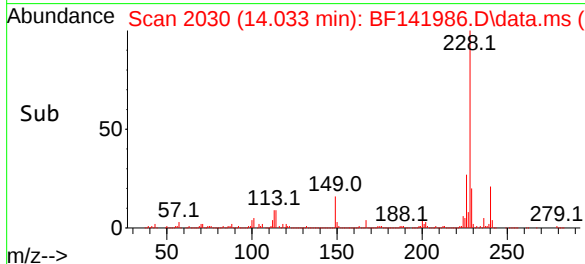
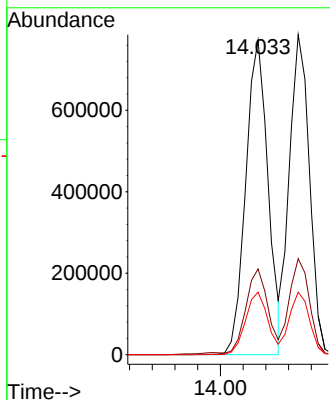
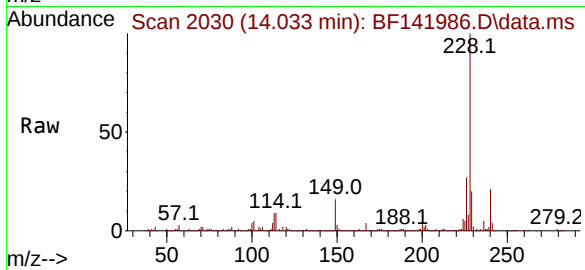
Tgt Ion:228 Resp: 1055282

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 19.9 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 43.479 ng

RT: 13.992 min Scan# 2023

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

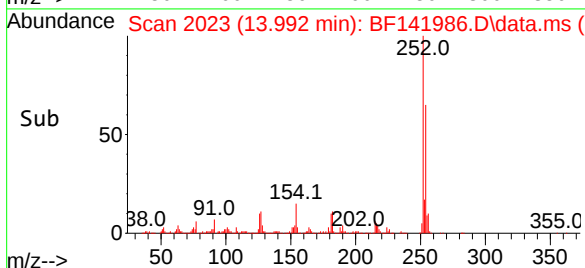
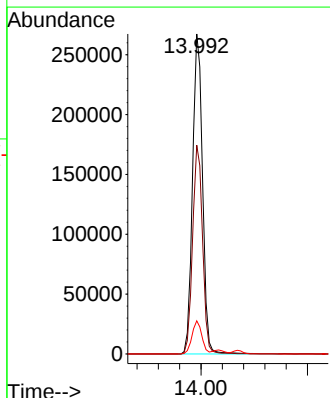
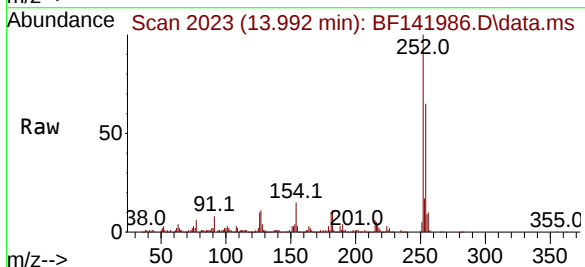
Tgt Ion:252 Resp: 349244

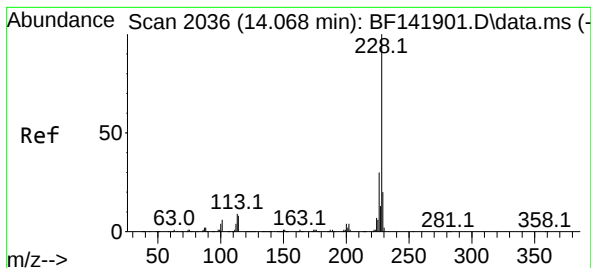
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 10.3 8.4 12.6





#83

Chrysene

Concen: 38.426 ng

RT: 14.068 min Scan# 2036

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

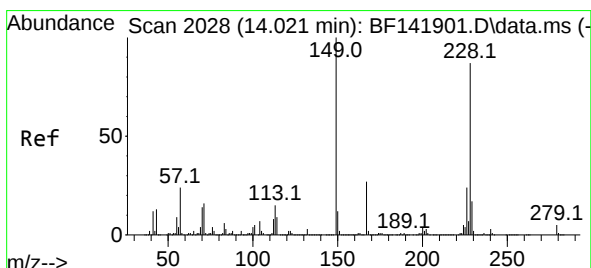
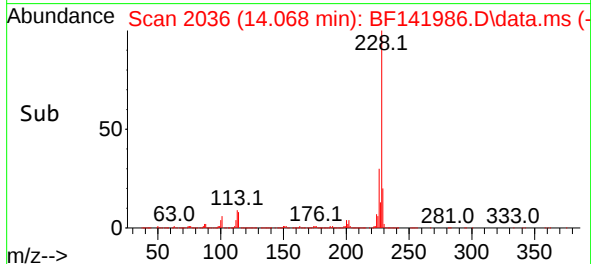
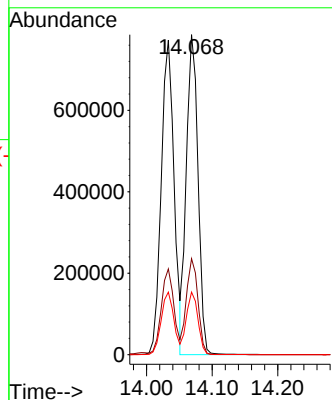
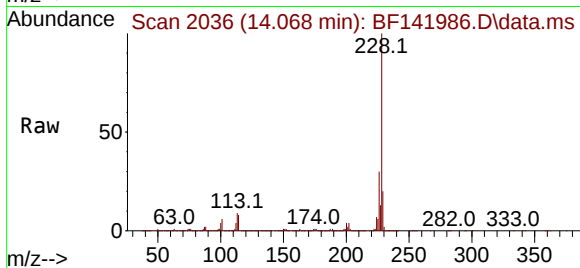
Tgt Ion:228 Resp: 968167

Ion Ratio Lower Upper

228 100

226 30.0 24.1 36.1

229 19.6 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 36.735 ng

RT: 14.021 min Scan# 2028

Delta R.T. 0.000 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

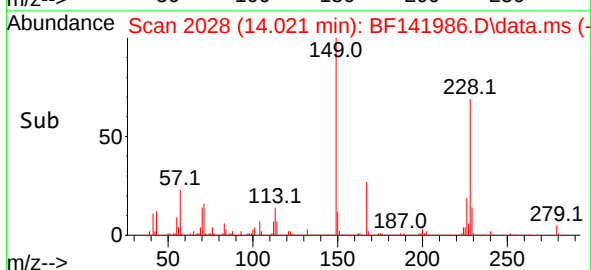
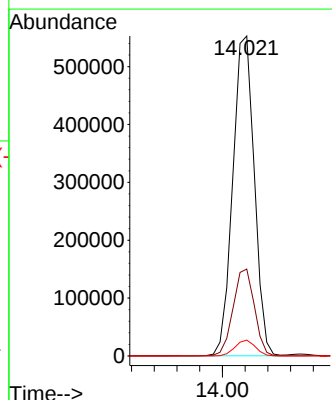
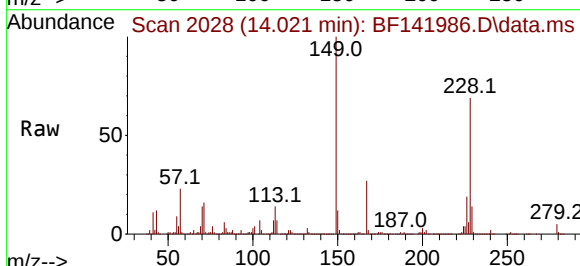
Tgt Ion:149 Resp: 726375

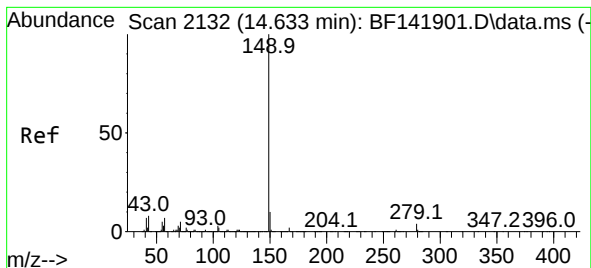
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.0

279 5.0 3.8 5.6

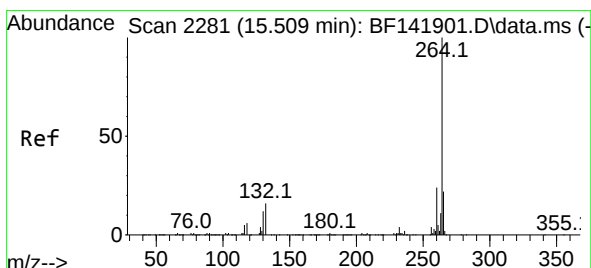
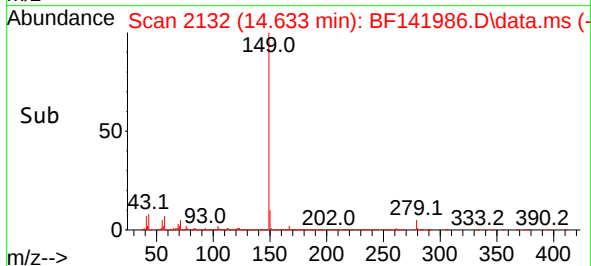
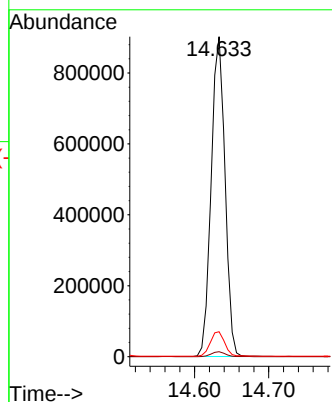
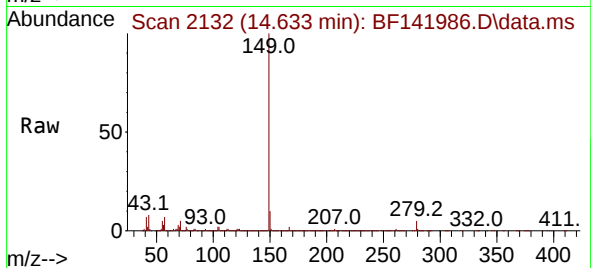




#85
Di-n-octyl phthalate
Concen: 42.443 ng
RT: 14.633 min Scan# 2132
Delta R.T. 0.000 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

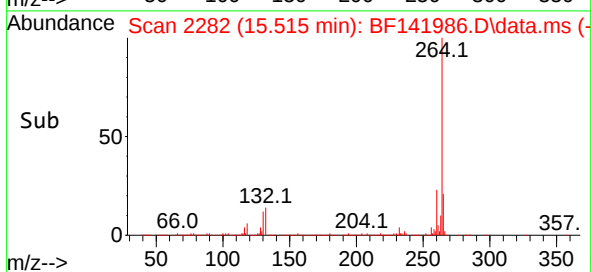
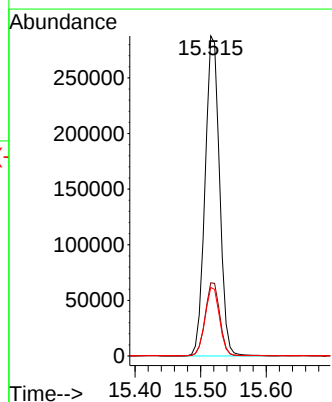
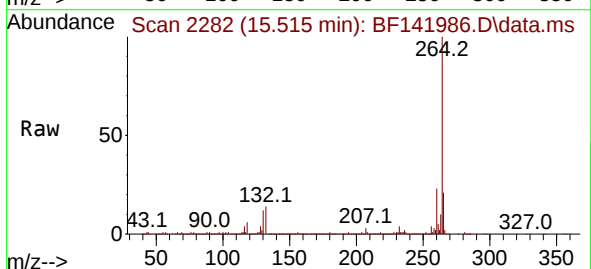
Instrument :
BNA_F
ClientSampleId :

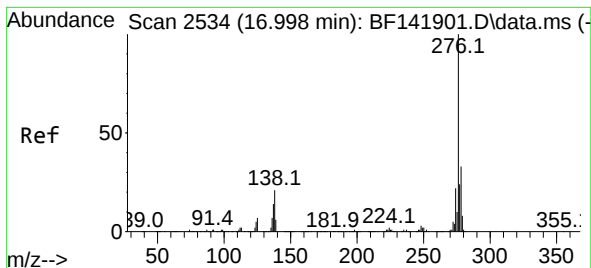
Tgt Ion:149 Resp: 1167717
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.1 6.9 10.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.515 min Scan# 2282
Delta R.T. 0.006 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:264 Resp: 442923
Ion Ratio Lower Upper
264 100
260 22.9 19.1 28.7
265 21.4 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 40.816 ng

RT: 17.015 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

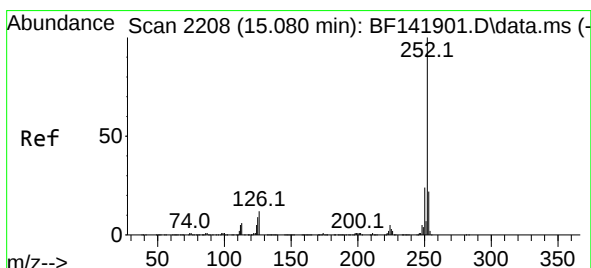
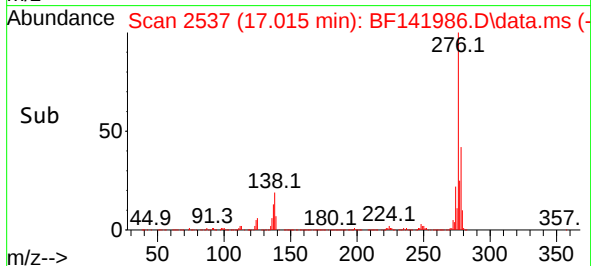
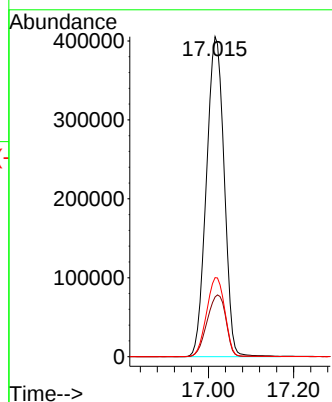
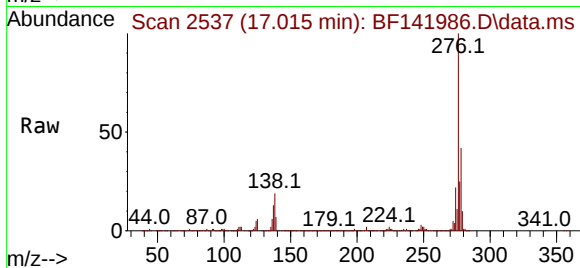
Tgt Ion:276 Resp: 1169448

Ion Ratio Lower Upper

276 100

138 20.6 18.4 27.6

277 25.6 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 37.895 ng

RT: 15.086 min Scan# 2209

Delta R.T. 0.006 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

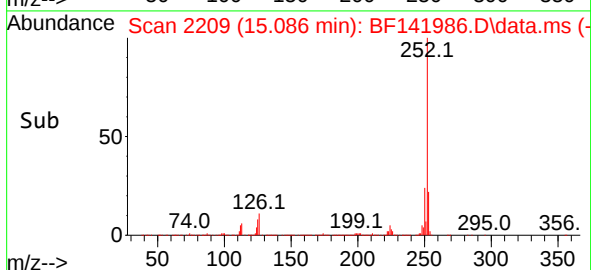
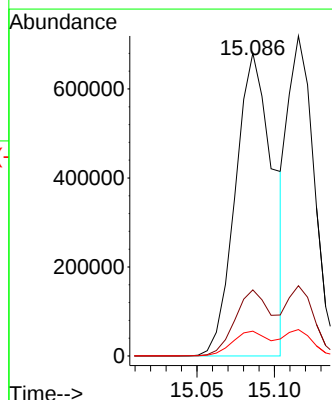
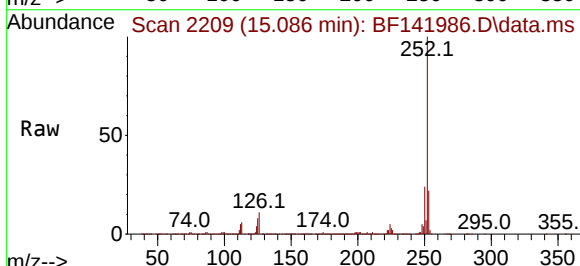
Tgt Ion:252 Resp: 1150357

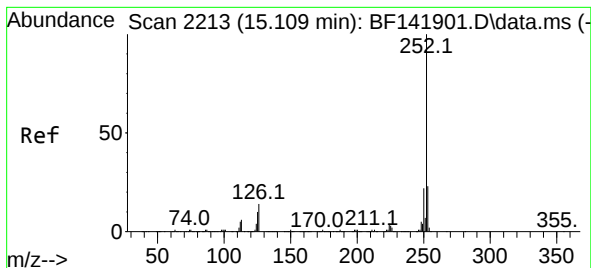
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 8.2 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 32.755 ng

RT: 15.115 min Scan# 2214

Delta R.T. 0.006 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

Instrument :

BNA_F

ClientSampleId :

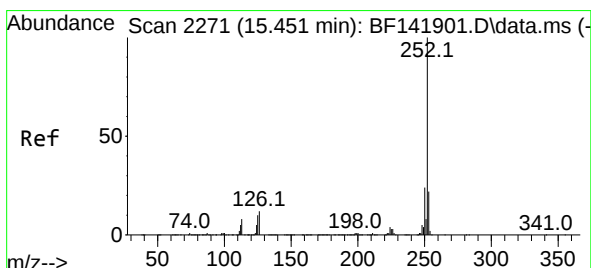
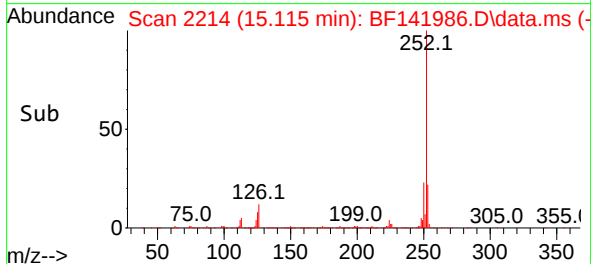
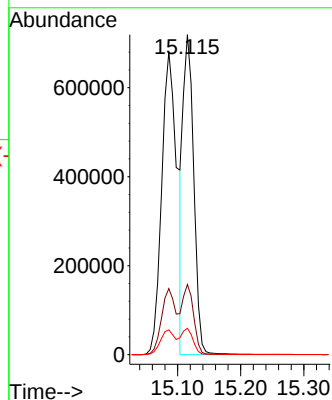
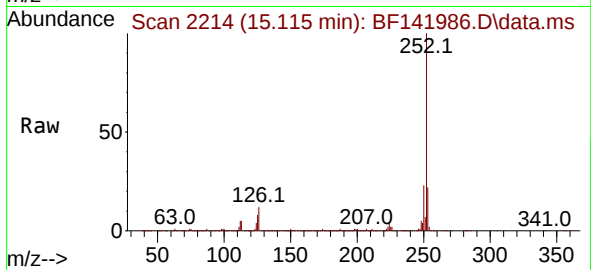
Tgt Ion:252 Resp: 850896

Ion Ratio Lower Upper

252 100

253 22.0 17.7 26.5

125 8.3 7.2 10.8



#90

Benzo(a)pyrene

Concen: 37.612 ng

RT: 15.457 min Scan# 2272

Delta R.T. 0.006 min

Lab File: BF141986.D

Acq: 18 Mar 2025 10:00

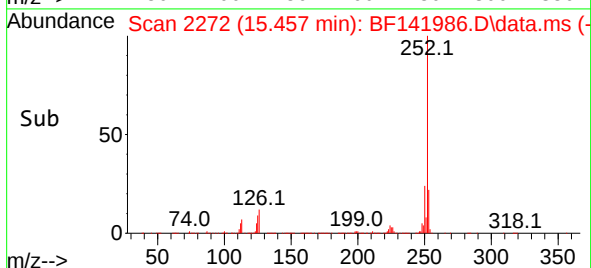
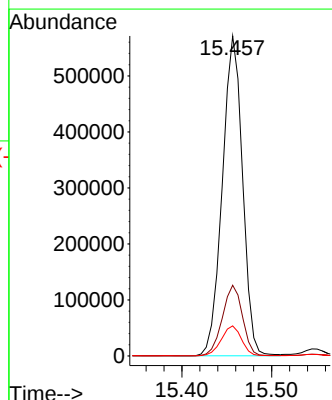
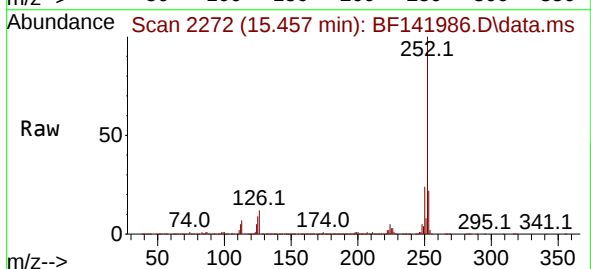
Tgt Ion:252 Resp: 893373

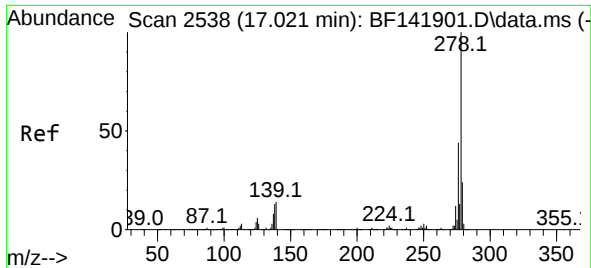
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.0

125 9.4 7.8 11.8

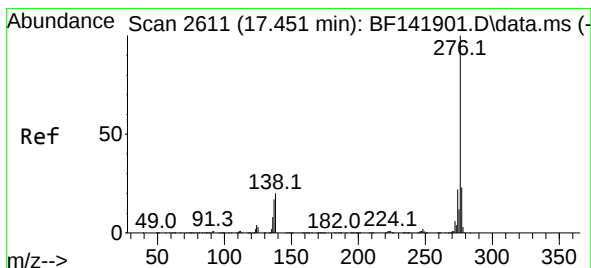
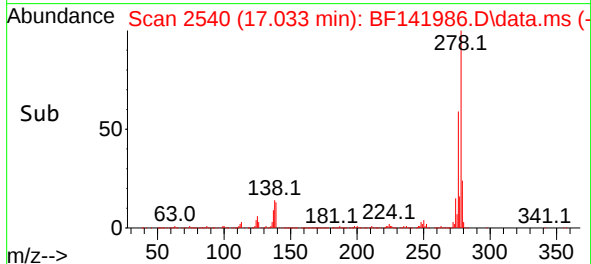
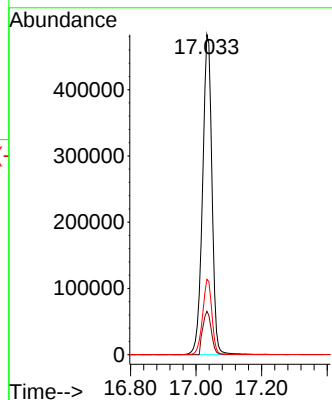
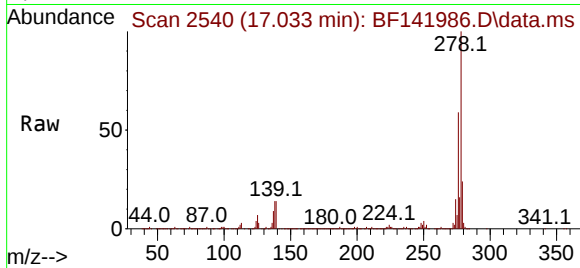




#91
Dibenzo(a,h)anthracene
Concen: 40.860 ng
RT: 17.033 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:278 Resp: 965934
Ion Ratio Lower Upper
278 100
139 13.5 11.4 17.2
279 23.5 18.8 28.2



#92
Benzo(g,h,i)perylene
Concen: 40.951 ng
RT: 17.468 min Scan# 2614
Delta R.T. 0.018 min
Lab File: BF141986.D
Acq: 18 Mar 2025 10:00

Tgt Ion:276 Resp: 956656
Ion Ratio Lower Upper
276 100
277 24.0 18.7 28.1
138 17.9 15.8 23.8

