

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF033125\
 Data File : BF142193.D
 Acq On : 31 Mar 2025 21:26
 Operator : RC/JU
 Sample : Q1664-03MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-01MSD

Quant Time: Apr 01 00:48:35 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	6.863	152	105267	20.000	ng	-0.02
21) Naphthalene-d8	8.151	136	396019	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	205375	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	302700	20.000	ng	-0.01
76) Chrysene-d12	14.033	240	250446	20.000	ng	0.00
86) Perylene-d12	15.510	264	298419	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	578613	91.736	ng	0.00
7) Phenol-d6	6.492	99	797121	99.260	ng	-0.01
23) Nitrobenzene-d5	7.428	82	541474	76.946	ng	-0.02
42) 2,4,6-Tribromophenol	10.692	330	202514	77.727	ng	-0.01
45) 2-Fluorobiphenyl	9.222	172	1144382	84.742	ng	-0.02
79) Terphenyl-d14	12.974	244	1022832	60.381	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.687	88	123489	46.727	ng	95
3) Pyridine	3.440	79	308864	47.645	ng	96
4) n-Nitrosodimethylamine	3.399	42	143207	46.343	ng	96
6) Aniline	6.528	93	220910	27.885	ng	99
8) 2-Chlorophenol	6.651	128	350665	50.129	ng	96
9) Benzaldehyde	6.416	77	215149	47.903	ng	98
10) Phenol	6.510	94	397594	47.061	ng	99
11) bis(2-Chloroethyl)ether	6.598	93	296236	46.697	ng	98
12) 1,3-Dichlorobenzene	6.804	146	383530	50.784	ng	99
13) 1,4-Dichlorobenzene	6.887	146	390919	51.159	ng	98
14) 1,2-Dichlorobenzene	7.034	146	374295	52.005	ng	98
15) Benzyl Alcohol	7.004	79	302693	46.623	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.140	45	318345	41.566	ng	96
17) 2-Methylphenol	7.116	107	265015	47.647	ng	100
18) Hexachloroethane	7.381	117	143565	50.103	ng	93
19) n-Nitroso-di-n-propyla...	7.275	70	223454	43.304	ng	99
20) 3+4-Methylphenols	7.269	107	335398	47.079	ng	# 84
22) Acetophenone	7.275	105	469510	49.507	ng	98
24) Nitrobenzene	7.445	77	349336	49.936	ng	98
25) Isophorone	7.687	82	621672	49.977	ng	99
26) 2-Nitrophenol	7.763	139	186834	54.415	ng	97
27) 2,4-Dimethylphenol	7.798	122	263589	55.753	ng	99
28) bis(2-Chloroethoxy)met...	7.898	93	376364	48.240	ng	99
29) 2,4-Dichlorophenol	8.004	162	293235	49.969	ng	99
30) 1,2,4-Trichlorobenzene	8.087	180	337553	52.196	ng	99
31) Naphthalene	8.169	128	994918	48.907	ng	100
32) Benzoic acid	7.887	122	84303	20.285	ng	94
33) 4-Chloroaniline	8.216	127	86747	12.080	ng	96
34) Hexachlorobutadiene	8.287	225	230541	54.663	ng	99
35) Caprolactam	8.581	113	52236	29.197	ng	88
36) 4-Chloro-3-methylphenol	8.698	107	303225	46.321	ng	97
37) 2-Methylnaphthalene	8.863	142	593991	43.684	ng	99
38) 1-Methylnaphthalene	8.963	142	619825	47.238	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	346189	55.365	ng	98
41) Hexachlorocyclopentadiene	9.016	237	409356	167.282	ng	99
43) 2,4,6-Trichlorophenol	9.139	196	214212	52.420	ng	99

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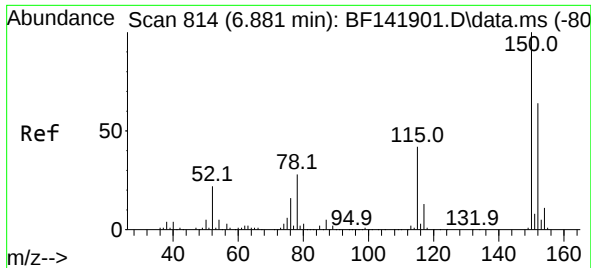
Quant Time: Apr 01 00:48:35 2025
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	222482	53.755	ng	97
46) 1,1'-Biphenyl	9.328	154	831108	53.260	ng	99
47) 2-Chloronaphthalene	9.351	162	622391	53.512	ng	98
48) 2-Nitroaniline	9.445	65	171610	50.959	ng	97
49) Acenaphthylene	9.769	152	944017	54.694	ng	99
50) Dimethylphthalate	9.628	163	739843	51.443	ng	100
51) 2,6-Dinitrotoluene	9.686	165	158383	52.892	ng	95
52) Acenaphthene	9.939	154	647884	53.414	ng	100
53) 3-Nitroaniline	9.857	138	76196	25.085	ng	94
54) 2,4-Dinitrophenol	9.963	184	120013	71.316	ng #	48
55) Dibenzofuran	10.110	168	849006	48.986	ng	99
56) 4-Nitrophenol	10.016	139	225415	98.407	ng	97
57) 2,4-Dinitrotoluene	10.092	165	211398	54.051	ng	97
58) Fluorene	10.457	166	660328	49.405	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	184810	49.071	ng	96
60) Diethylphthalate	10.322	149	692477	48.288	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	349355	50.136	ng	98
62) 4-Nitroaniline	10.469	138	137161	46.383	ng	98
63) Azobenzene	10.604	77	628182	47.116	ng	97
65) 4,6-Dinitro-2-methylph...	10.498	198	95449	52.894	ng	97
66) n-Nitrosodiphenylamine	10.563	169	564861	57.665	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	214752	56.490	ng	99
68) Hexachlorobenzene	11.004	284	240513	57.685	ng	93
69) Atrazine	11.086	200	193014	64.276	ng	99
70) Pentachlorophenol	11.198	266	239961	93.409	ng	99
71) Phenanthrene	11.416	178	856076	52.360	ng	99
72) Anthracene	11.469	178	865103	52.740	ng	100
73) Carbazole	11.622	167	719558	50.866	ng	100
74) Di-n-butylphthalate	11.951	149	921648	49.101	ng	99
75) Fluoranthene	12.604	202	794327	45.800	ng	100
77) Benzidine	12.727	184	194905	55.780	ng	100
78) Pyrene	12.833	202	813070	37.531	ng	99
80) Butylbenzylphthalate	13.451	149	328166	38.702	ng	98
81) Benzo(a)anthracene	14.021	228	876517	53.334	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	117620	24.766	ng	98
83) Chrysene	14.063	228	750250	50.362	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	473080	40.465	ng	99
85) Di-n-octyl phthalate	14.621	149	849429	52.218	ng	97
87) Indeno(1,2,3-cd)pyrene	17.009	276	965576	50.019	ng	96
88) Benzo(b)fluoranthene	15.080	252	926845	45.317	ng	99
89) Benzo(k)fluoranthene	15.110	252	875597	50.027	ng	99
90) Benzo(a)pyrene	15.451	252	877850	54.855	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	807366	50.690	ng	98
92) Benzo(g,h,i)perylene	17.456	276	707713	44.964	ng	96

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

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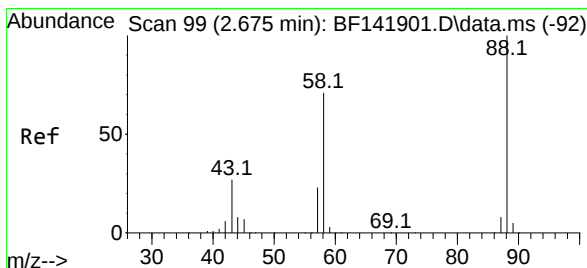
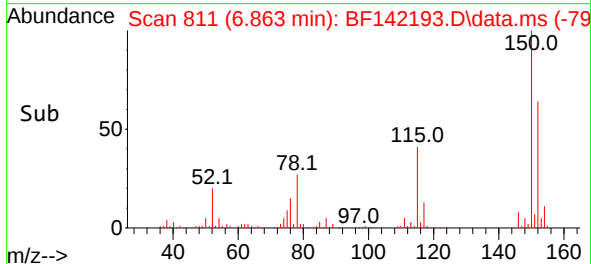
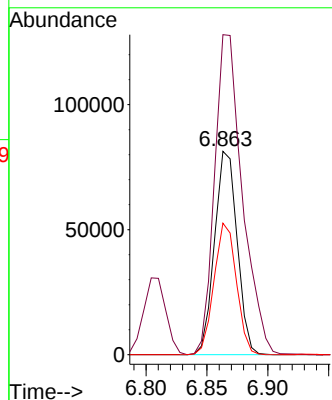
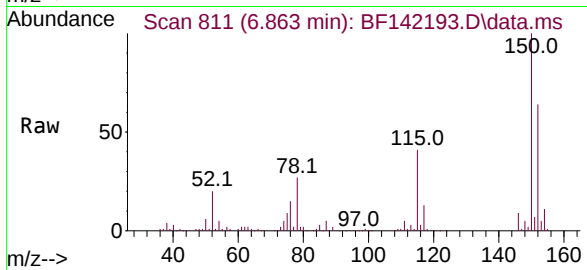




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.018 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26

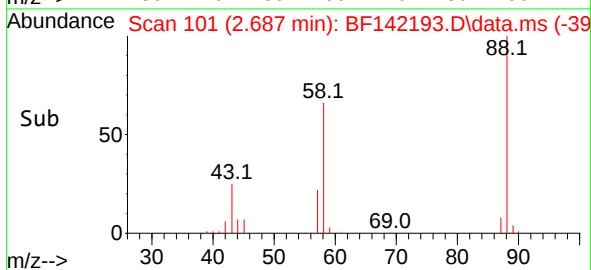
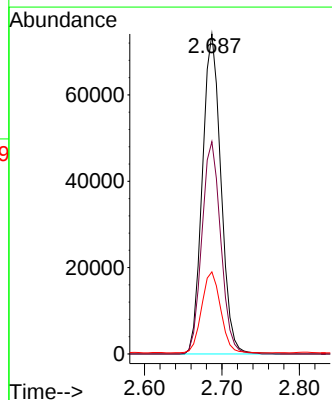
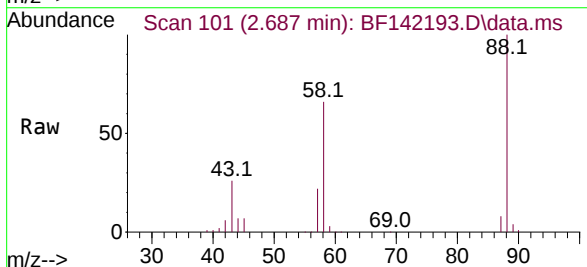
Instrument :
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 P001-BBDGA-001-01MSD

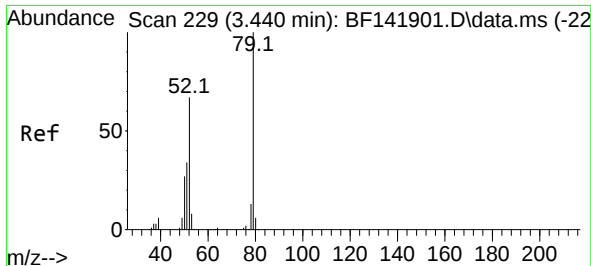
Tgt Ion:152 Resp: 105267
 Ion Ratio Lower Upper
 152 100
 150 157.3 127.4 191.2
 115 64.7 51.9 77.9



#2
 1,4-Dioxane
 Concen: 46.727 ng
 RT: 2.687 min Scan# 101
 Delta R.T. 0.012 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26

Tgt Ion: 88 Resp: 123489
 Ion Ratio Lower Upper
 88 100
 58 67.3 57.4 86.2
 43 25.8 21.5 32.3





#3

Pyridine

Concen: 47.645 ng

RT: 3.440 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF142193.D

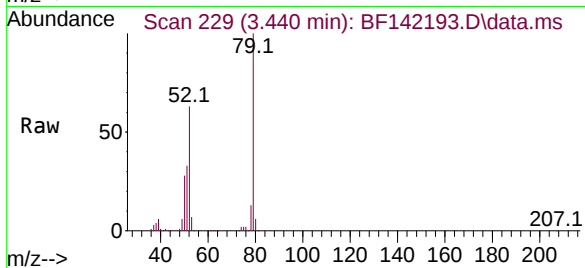
Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD



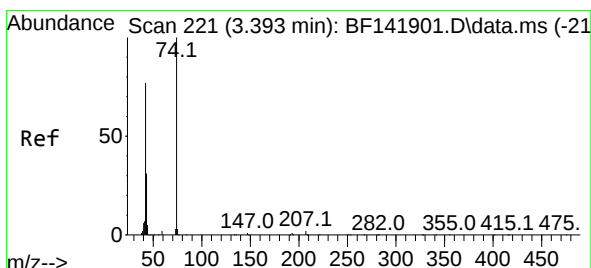
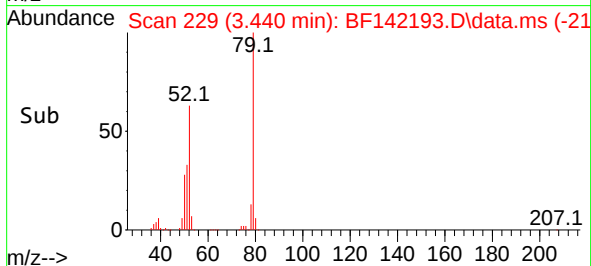
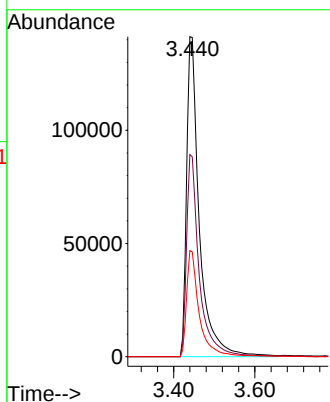
Tgt Ion: 79 Resp: 308864

Ion Ratio Lower Upper

79 100

52 63.1 53.3 79.9

51 33.1 27.6 41.4



#4

n-Nitrosodimethylamine

Concen: 46.343 ng

RT: 3.399 min Scan# 222

Delta R.T. 0.006 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

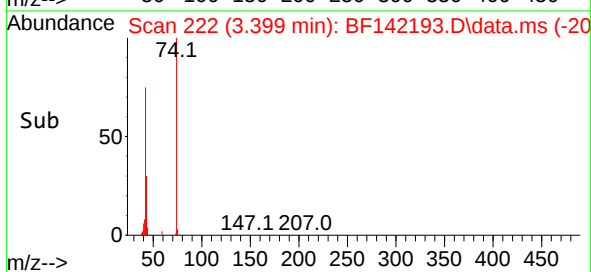
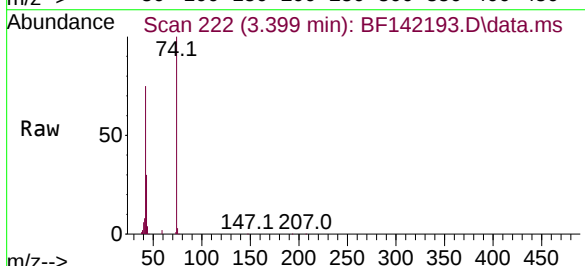
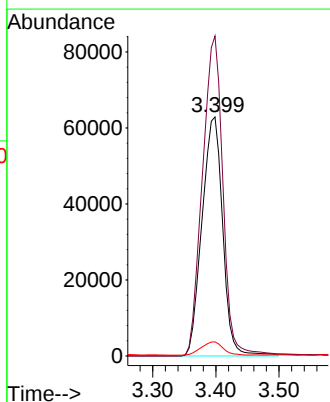
Tgt Ion: 42 Resp: 143207

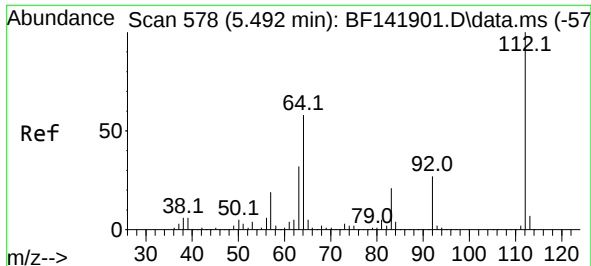
Ion Ratio Lower Upper

42 100

74 133.9 103.4 155.0

44 5.9 5.0 7.4

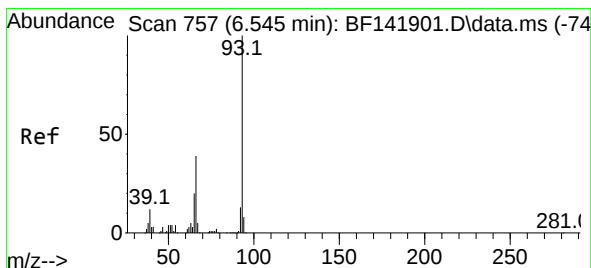
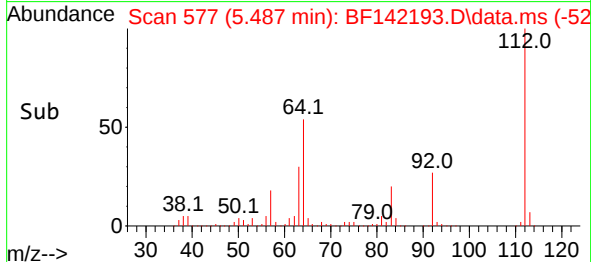
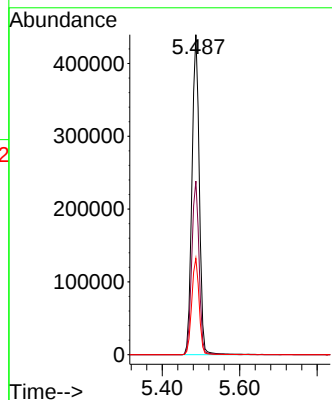
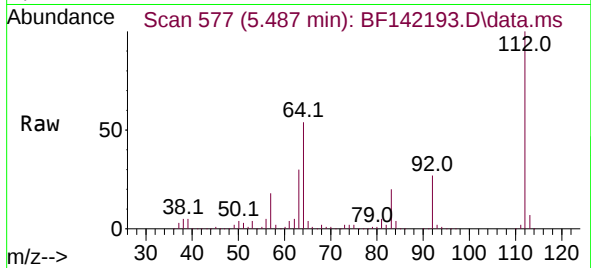




#5
2-Fluorophenol
Concen: 91.736 ng
RT: 5.487 min Scan# 51
Delta R.T. -0.006 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

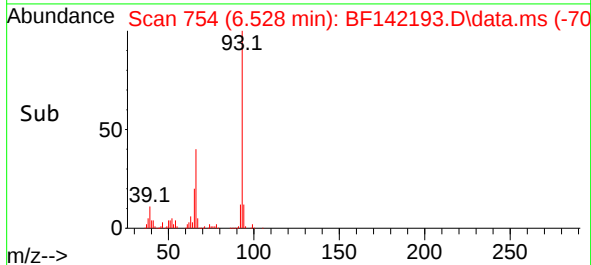
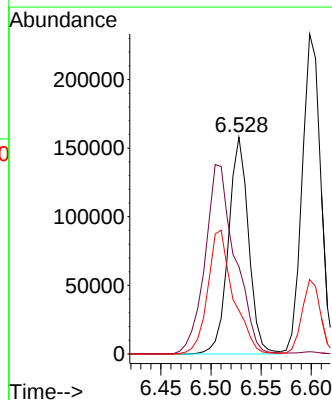
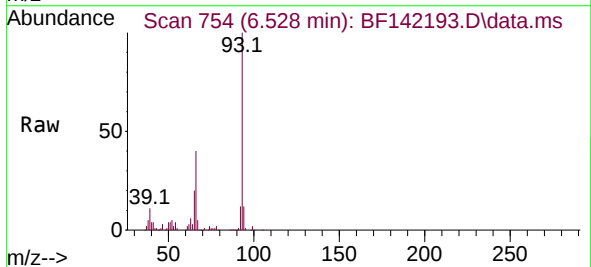
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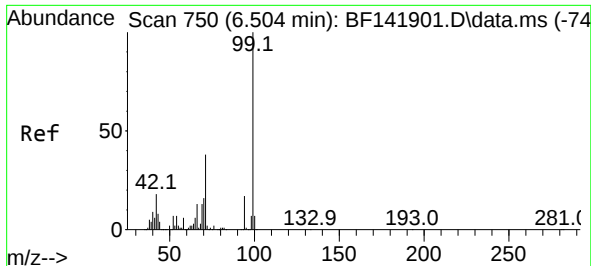
Tgt Ion:112 Resp: 578613
Ion Ratio Lower Upper
112 100
64 54.2 46.5 69.7
63 30.1 25.4 38.2



#6
Aniline
Concen: 27.885 ng
RT: 6.528 min Scan# 754
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion: 93 Resp: 220910
Ion Ratio Lower Upper
93 100
66 40.3 31.9 47.9
65 20.1 15.8 23.6

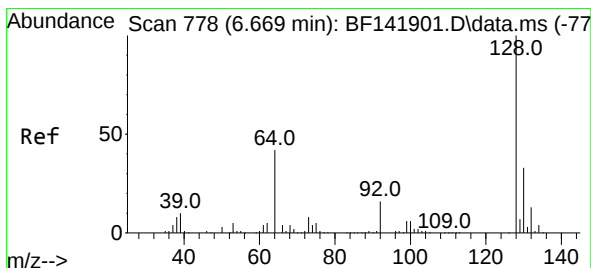
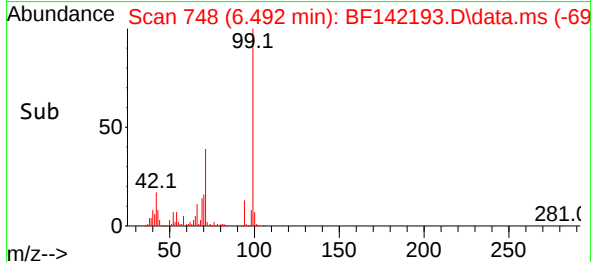
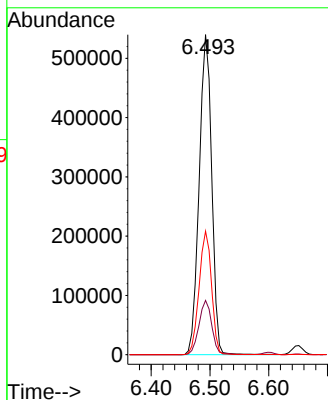
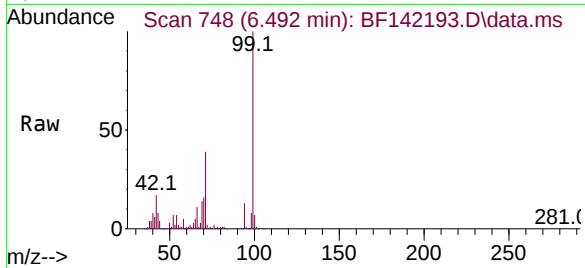




#7
Phenol-d6
Concen: 99.260 ng
RT: 6.492 min Scan# 741
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

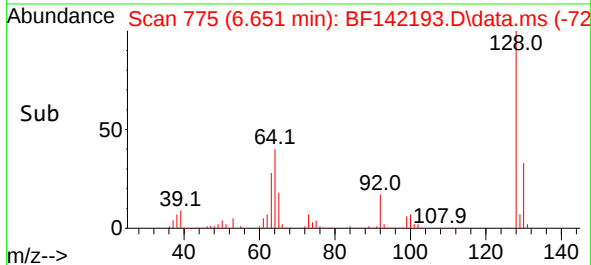
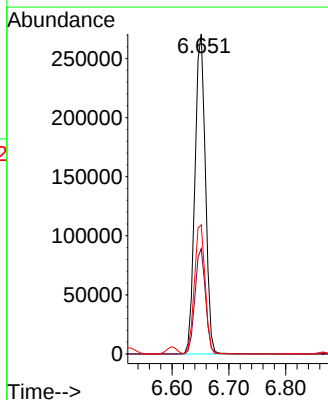
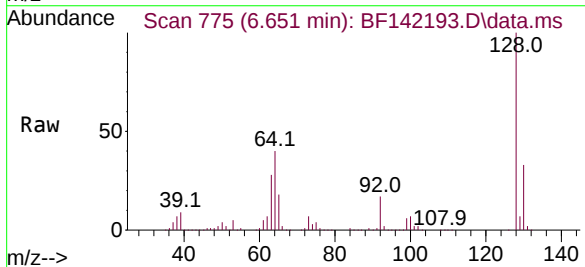
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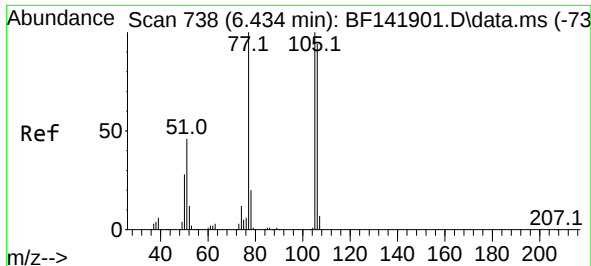
Tgt Ion: 99 Resp: 797121
Ion Ratio Lower Upper
99 100
42 17.0 14.6 21.8
71 38.6 30.8 46.2



#8
2-Chlorophenol
Concen: 50.129 ng
RT: 6.651 min Scan# 775
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:128 Resp: 350665
Ion Ratio Lower Upper
128 100
130 32.9 12.8 52.8
64 40.4 24.4 64.4

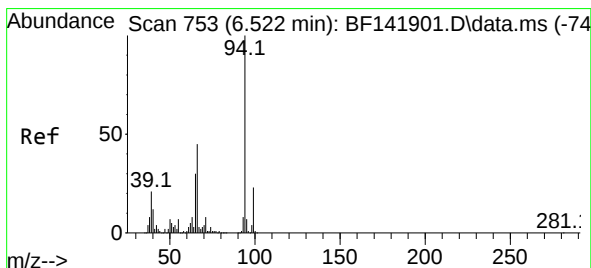
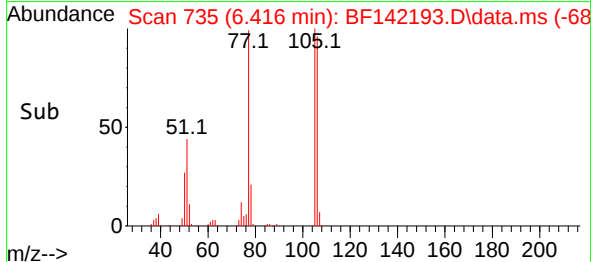
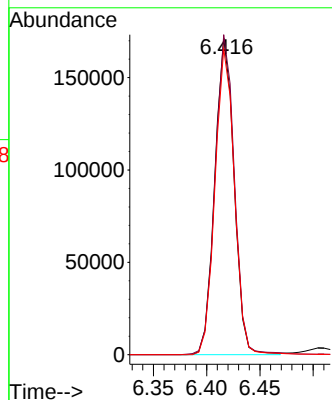
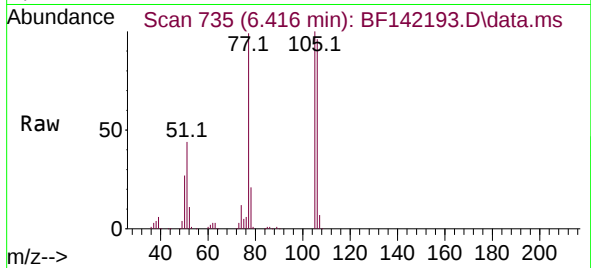




#9
Benzaldehyde
Concen: 47.903 ng
RT: 6.416 min Scan# 714
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

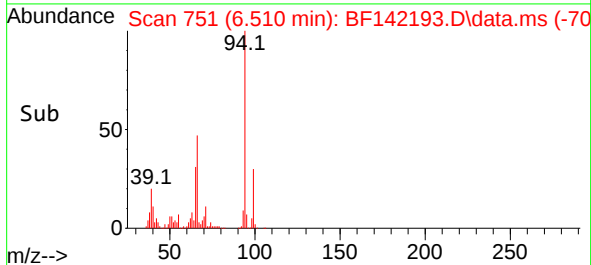
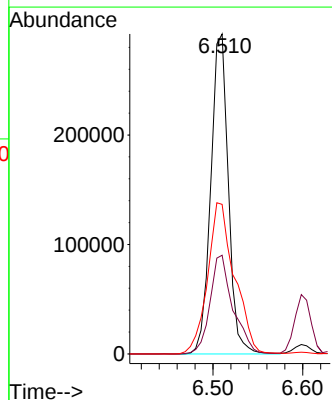
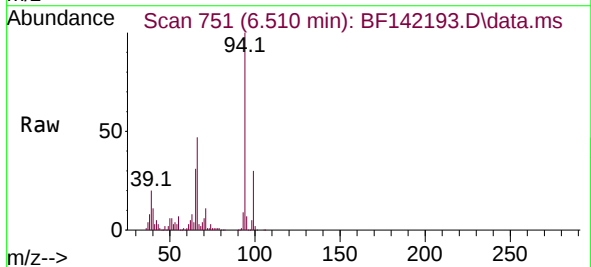
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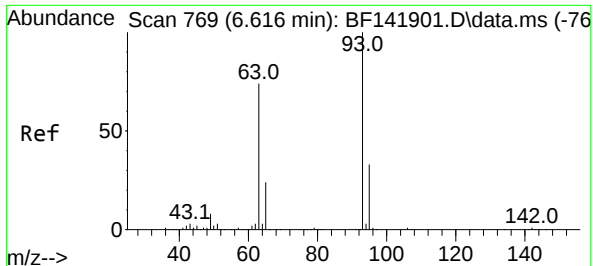
Tgt Ion: 77 Resp: 215149
Ion Ratio Lower Upper
77 100
105 101.0 80.0 120.0
106 96.5 74.5 114.5



#10
Phenol
Concen: 47.061 ng
RT: 6.510 min Scan# 751
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion: 94 Resp: 397594
Ion Ratio Lower Upper
94 100
65 30.8 10.5 50.5
66 46.7 25.8 65.8





#11

bis(2-Chloroethyl)ether

Concen: 46.697 ng

RT: 6.598 min Scan# 769

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

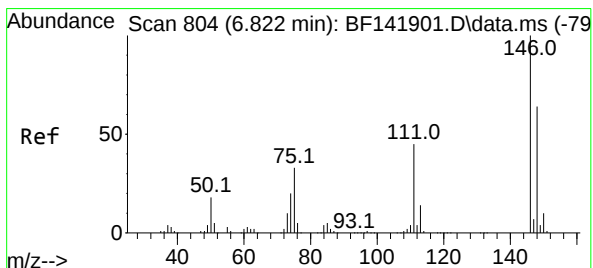
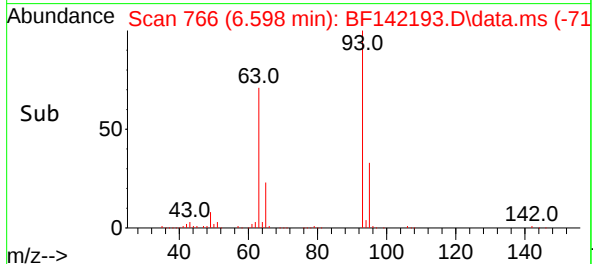
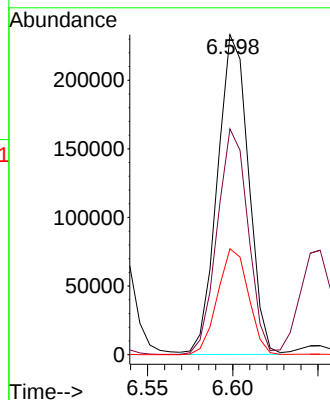
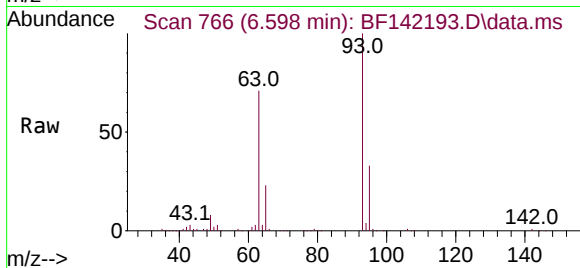
Tgt Ion: 93 Resp: 296236

Ion Ratio Lower Upper

93 100

63 70.6 53.0 93.0

95 33.1 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 50.784 ng

RT: 6.804 min Scan# 801

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

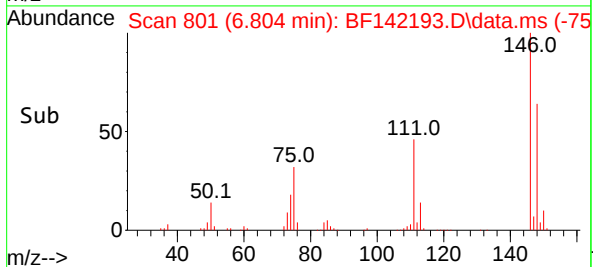
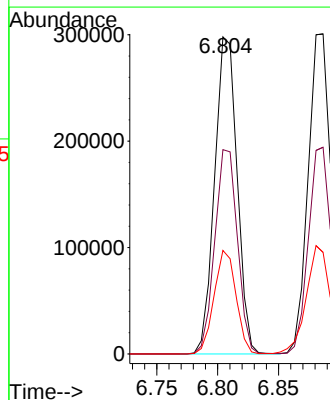
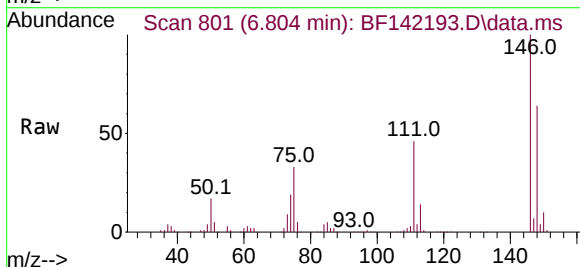
Tgt Ion:146 Resp: 383530

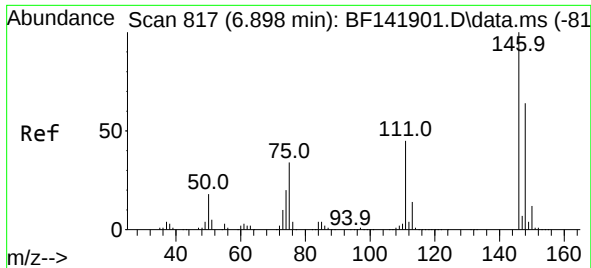
Ion Ratio Lower Upper

146 100

148 64.4 51.3 76.9

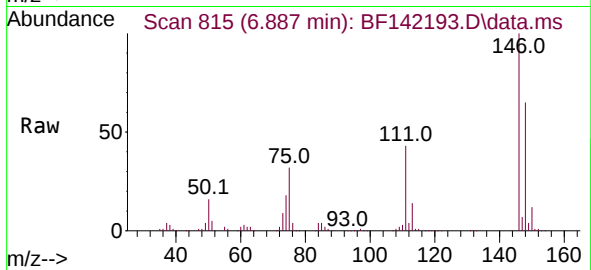
75 32.7 26.6 40.0



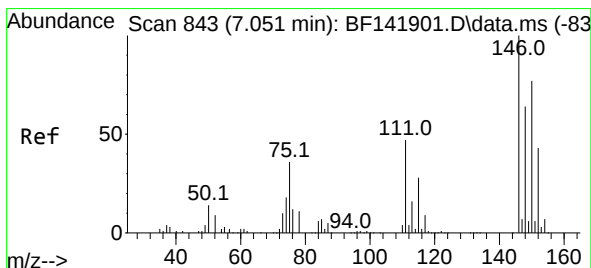
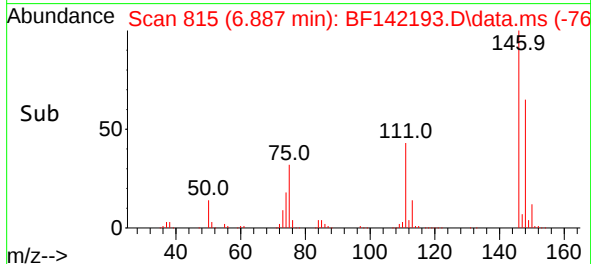
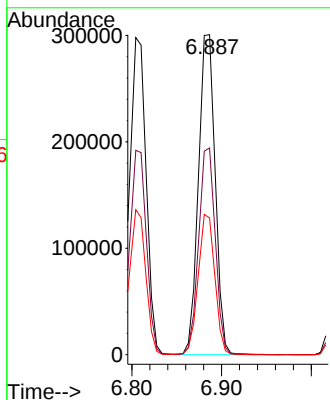


#13
1,4-Dichlorobenzene
Concen: 51.159 ng
RT: 6.887 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

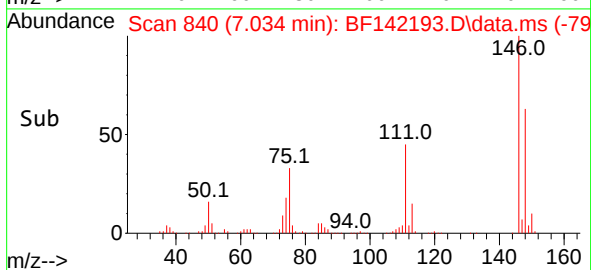
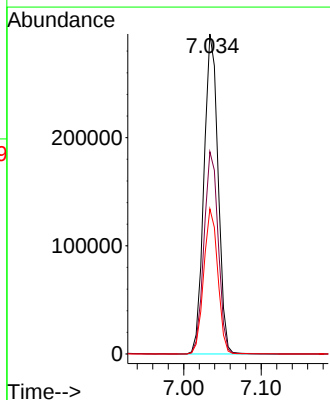
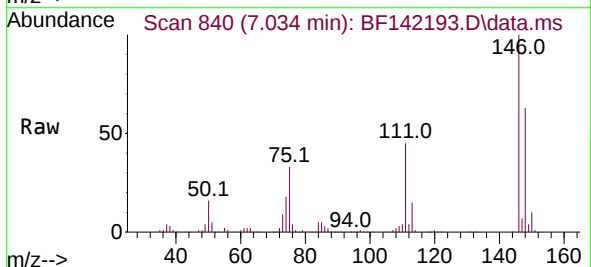


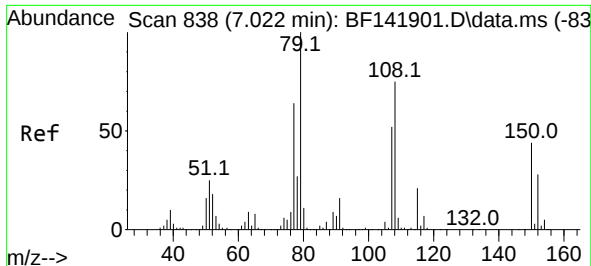
Tgt Ion:146 Resp: 390919
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
111 42.7 35.7 53.5



#14
1,2-Dichlorobenzene
Concen: 52.005 ng
RT: 7.034 min Scan# 840
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:146 Resp: 374295
Ion Ratio Lower Upper
146 100
148 63.2 50.8 76.2
111 45.4 38.0 57.0





#15

Benzyl Alcohol

Concen: 46.623 ng

RT: 7.004 min Scan# 81

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

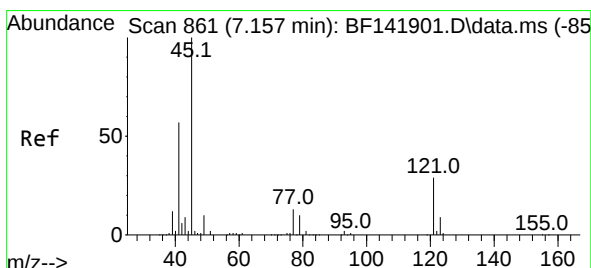
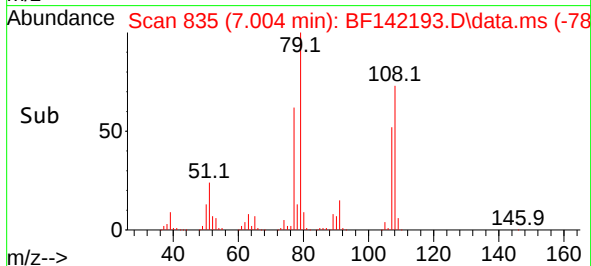
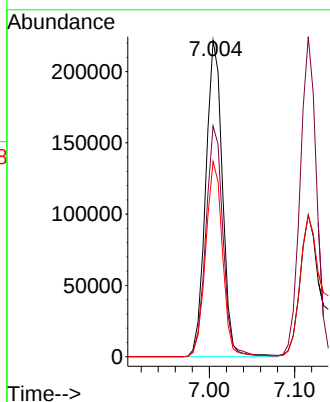
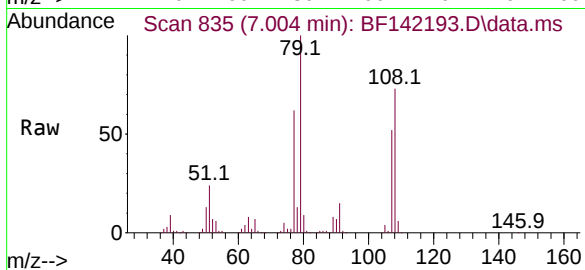
Tgt Ion: 79 Resp: 302693

Ion Ratio Lower Upper

79 100

108 72.9 59.7 89.5

77 61.7 51.0 76.6



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.566 ng

RT: 7.140 min Scan# 858

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

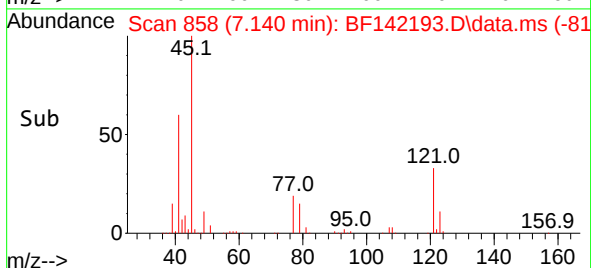
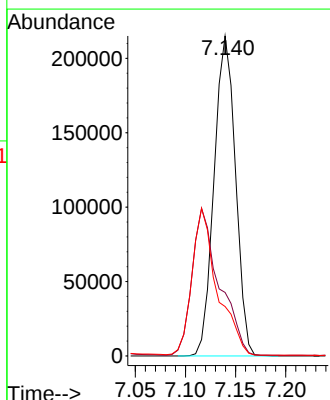
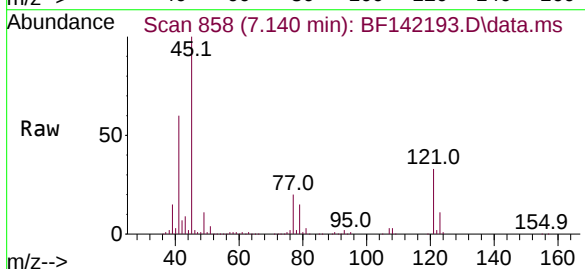
Tgt Ion: 45 Resp: 318345

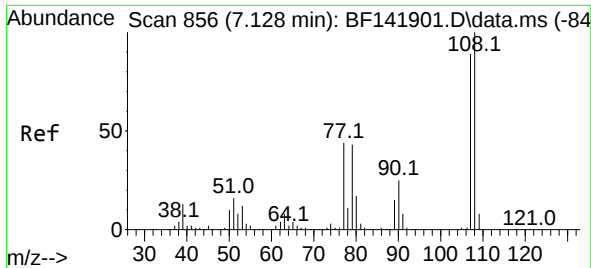
Ion Ratio Lower Upper

45 100

77 19.9 0.0 37.8

79 15.5 0.0 34.2

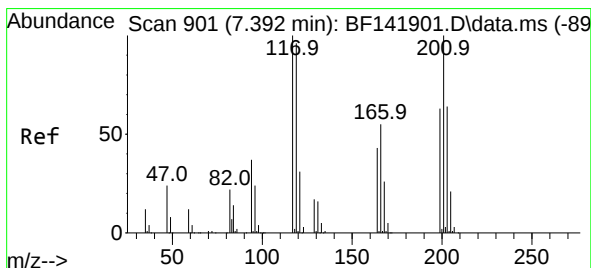
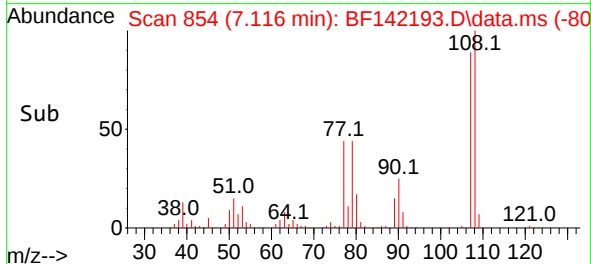
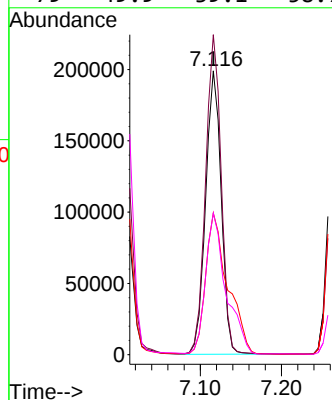
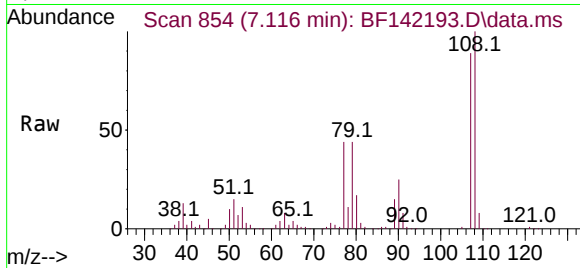




#17
2-Methylphenol
Concen: 47.647 ng
RT: 7.116 min Scan# 854
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

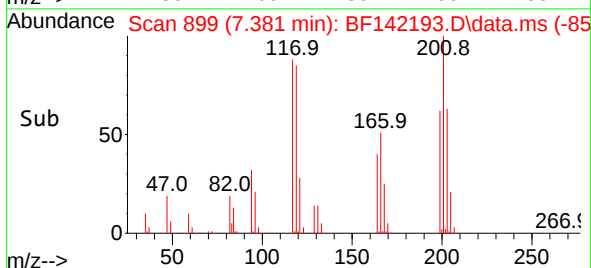
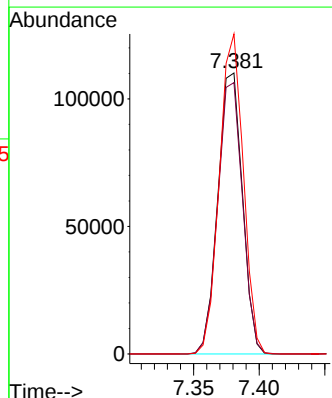
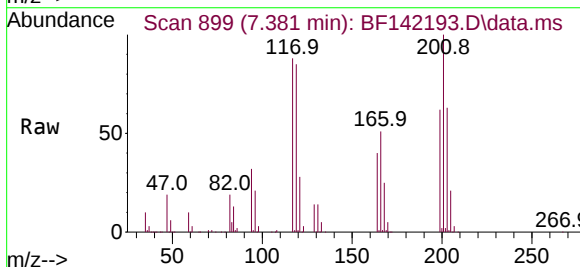
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

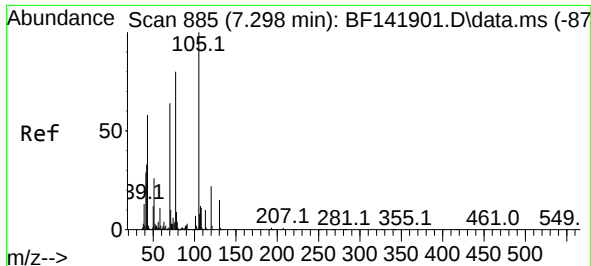
Tgt Ion:	107	Resp:	265015
Ion	Ratio	Lower	Upper
107	100		
108	112.7	90.2	135.2
77	49.9	39.6	59.4
79	49.9	39.1	58.7



#18
Hexachloroethane
Concen: 50.103 ng
RT: 7.381 min Scan# 899
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:	117	Resp:	143565
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3
201	113.9	79.9	119.9

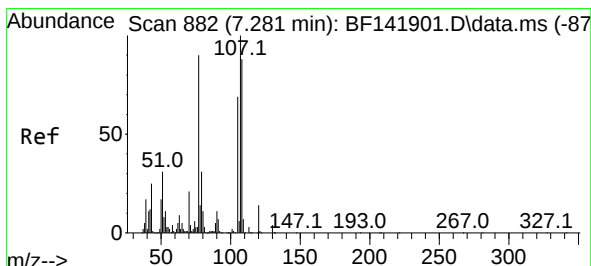
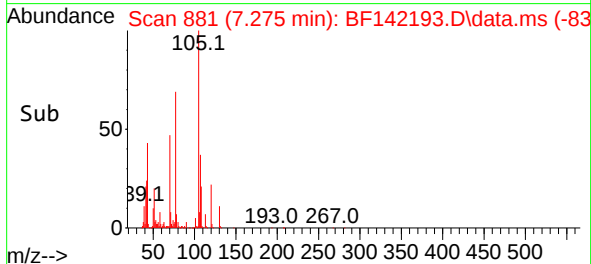
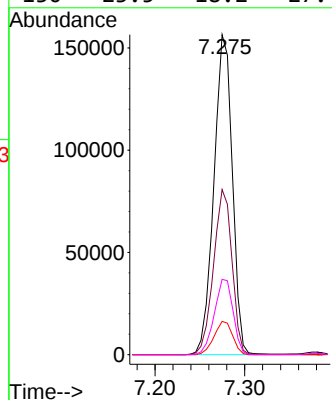
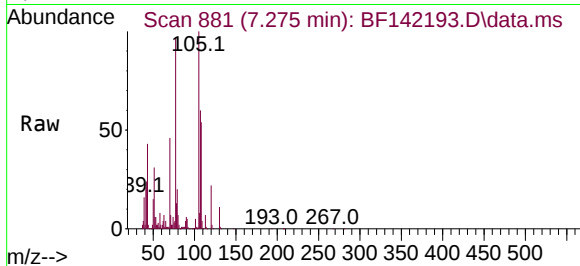




#19
n-Nitroso-di-n-propylamine
Concen: 43.304 ng
RT: 7.275 min Scan# 81
Delta R.T. -0.023 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

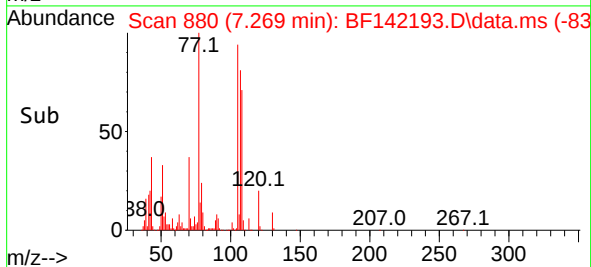
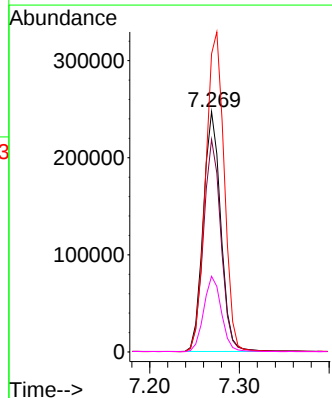
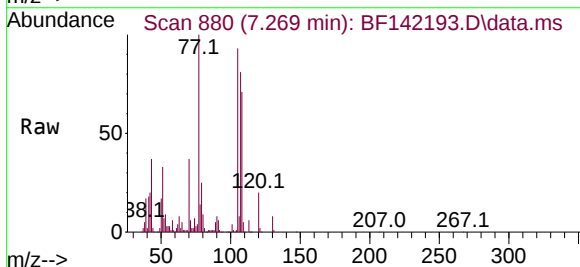
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

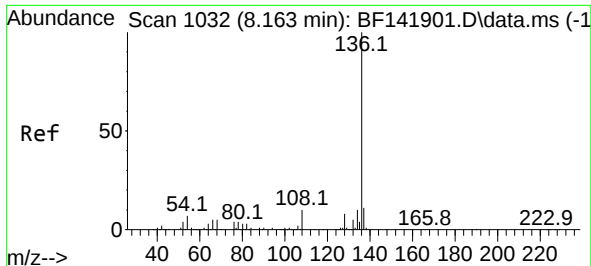
Tgt Ion:	70	Resp:	223454
Ion	Ratio	Lower	Upper
70	100		
42	51.6	41.4	62.0
101	10.4	8.2	12.2
130	23.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 47.079 ng
RT: 7.269 min Scan# 880
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:	107	Resp:	335398
Ion	Ratio	Lower	Upper
107	100		
108	88.4	68.4	108.4
77	124.1	69.7	109.7#
79	31.5	11.4	51.4

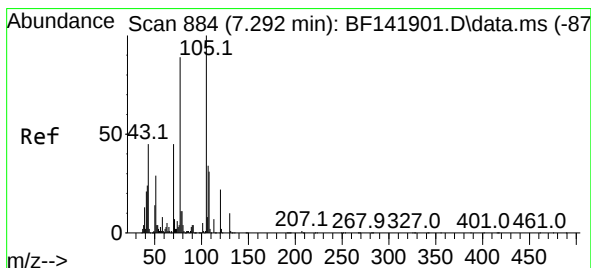
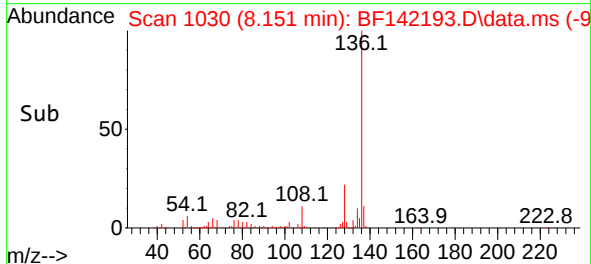
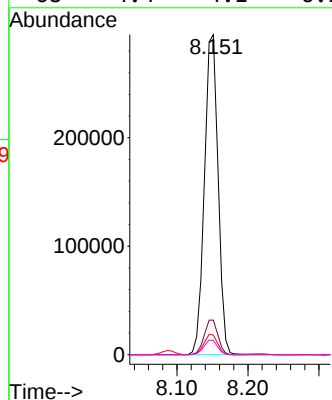
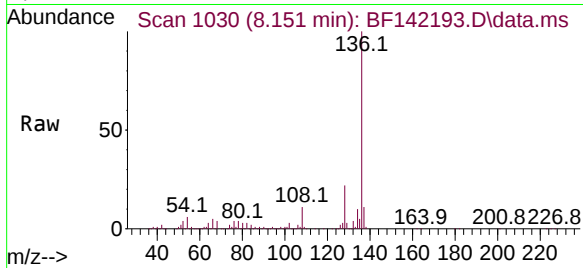




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

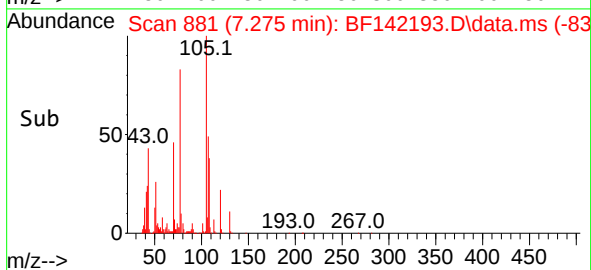
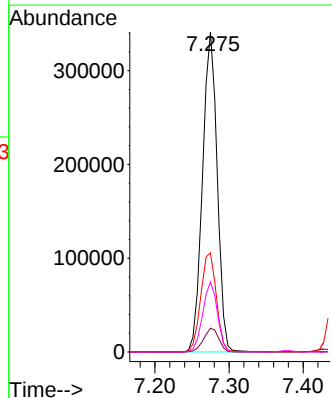
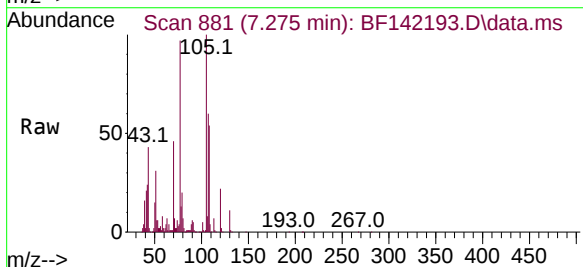
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

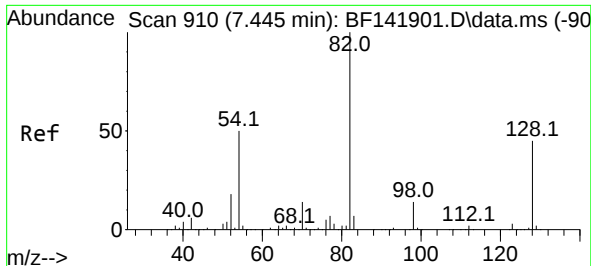
Tgt Ion:136	Resp: 396019
Ion Ratio	Lower Upper
136 100	
137 10.8	8.8 13.2
54 6.2	5.8 8.8
68 4.4	4.1 6.1



#22
Acetophenone
Concen: 49.507 ng
RT: 7.275 min Scan# 881
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt	Ion:105	Resp:	469510
Ion	Ratio	Lower	Upper
105	100		
71	7.4	5.8	8.8
51	31.0	23.4	35.0
120	21.9	17.3	25.9





#23

Nitrobenzene-d5

Concen: 76.946 ng

RT: 7.428 min Scan# 910

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

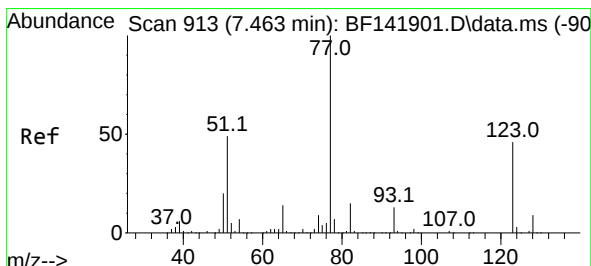
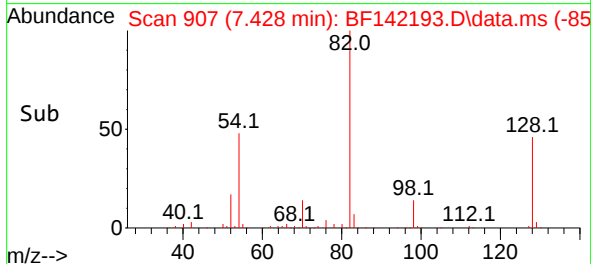
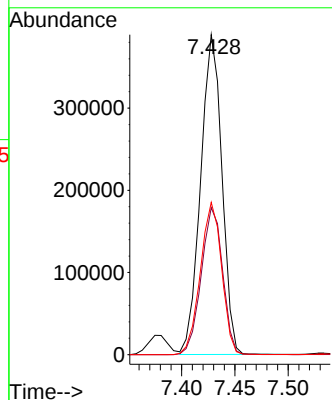
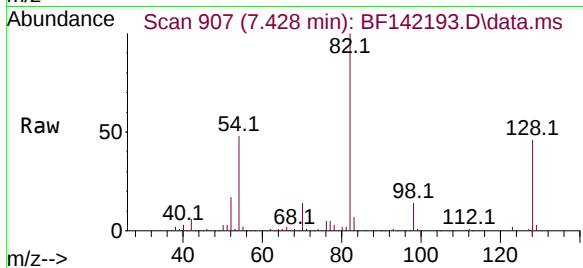
Tgt Ion: 82 Resp: 541474

Ion Ratio Lower Upper

82 100

128 46.0 36.0 54.0

54 47.6 39.6 59.4



#24

Nitrobenzene

Concen: 49.936 ng

RT: 7.445 min Scan# 910

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

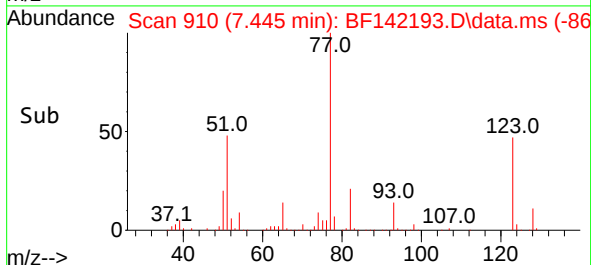
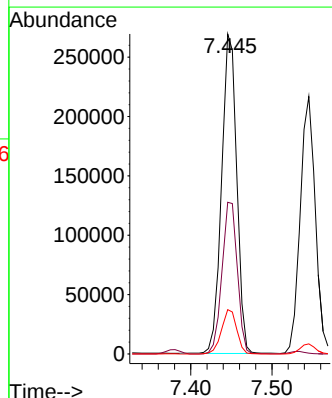
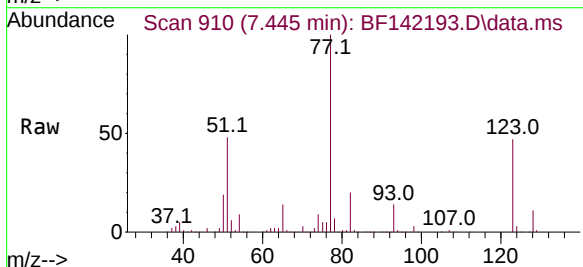
Tgt Ion: 77 Resp: 349336

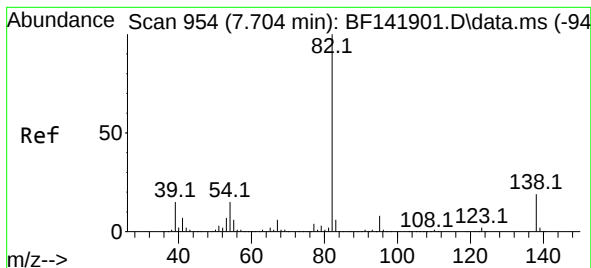
Ion Ratio Lower Upper

77 100

123 47.4 37.0 55.4

65 13.9 11.3 16.9





#25

Isophorone

Concen: 49.977 ng

RT: 7.687 min Scan# 91

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

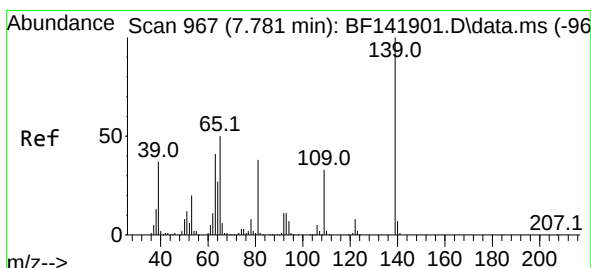
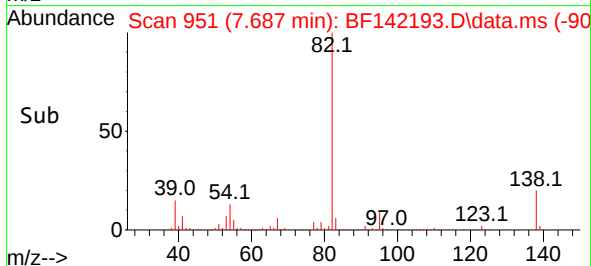
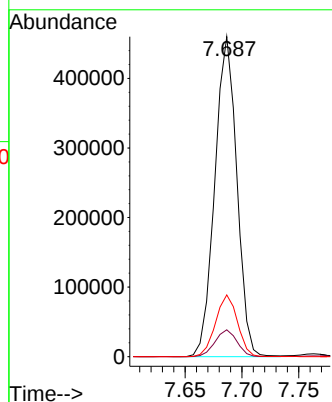
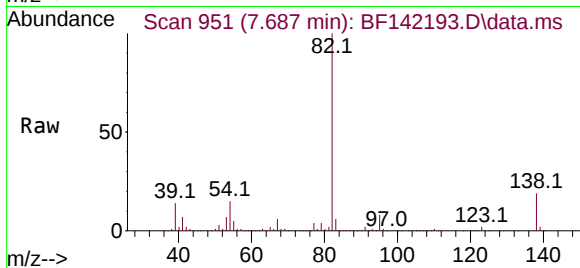
Tgt Ion: 82 Resp: 621672

Ion Ratio Lower Upper

82 100

95 8.4 6.4 9.6

138 19.3 14.9 22.3



#26

2-Nitrophenol

Concen: 54.415 ng

RT: 7.763 min Scan# 964

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

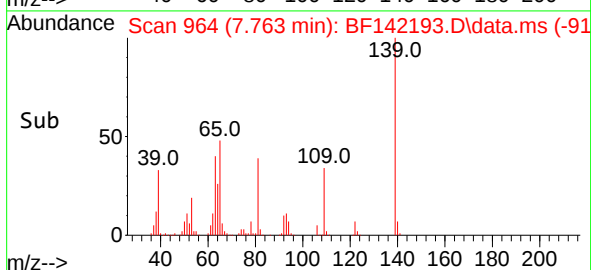
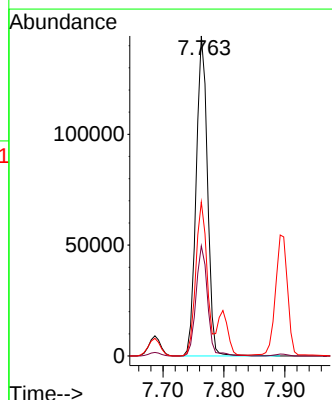
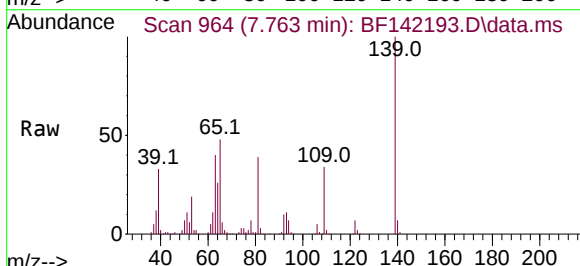
Tgt Ion:139 Resp: 186834

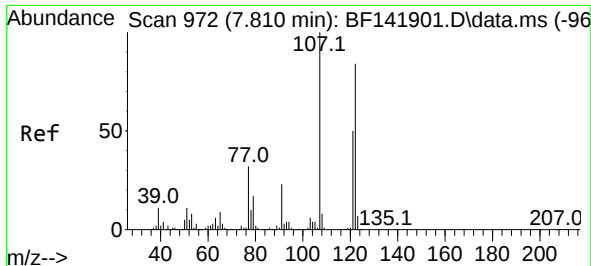
Ion Ratio Lower Upper

139 100

109 34.4 26.5 39.7

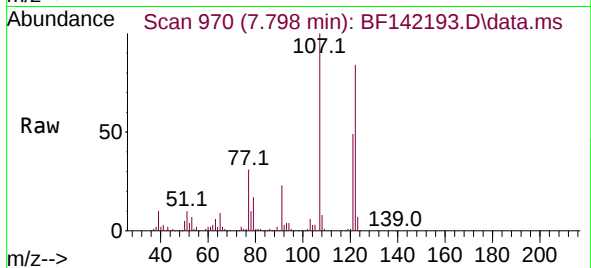
65 48.1 40.3 60.5



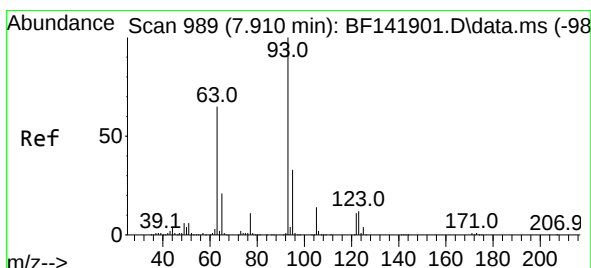
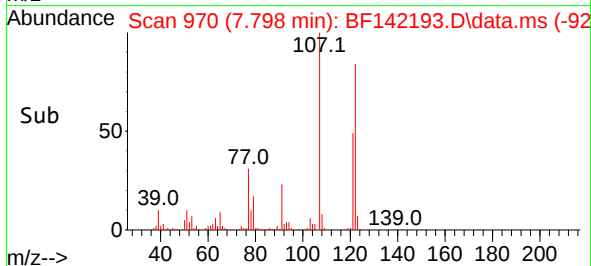
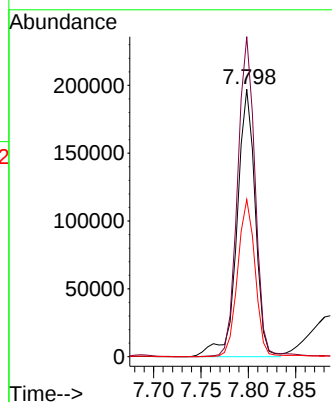


#27
2,4-Dimethylphenol
Concen: 55.753 ng
RT: 7.798 min Scan# 91
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

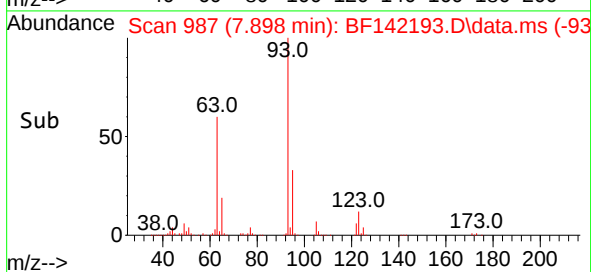
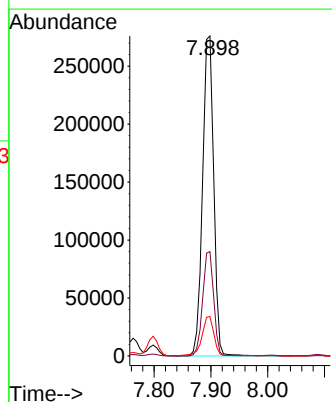
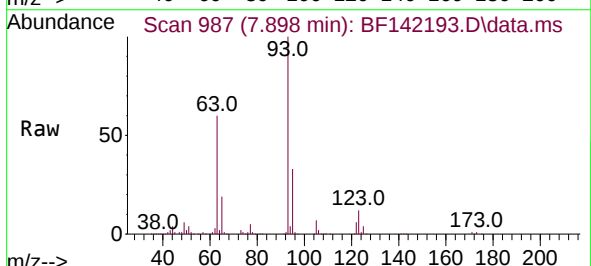


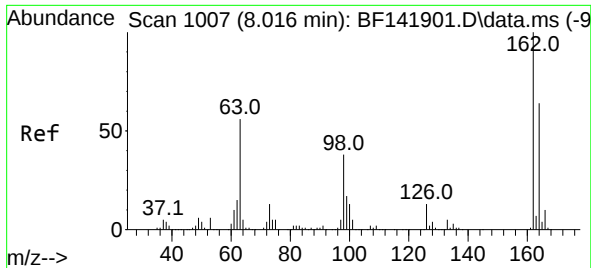
Tgt Ion:122 Resp: 263589
Ion Ratio Lower Upper
122 100
107 119.7 94.8 142.2
121 58.8 47.8 71.6



#28
bis(2-Chloroethoxy)methane
Concen: 48.240 ng
RT: 7.898 min Scan# 987
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion: 93 Resp: 376364
Ion Ratio Lower Upper
93 100
95 32.6 26.6 40.0
123 12.3 10.2 15.4





#29

2,4-Dichlorophenol

Concen: 49.969 ng

RT: 8.004 min Scan# 1019

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

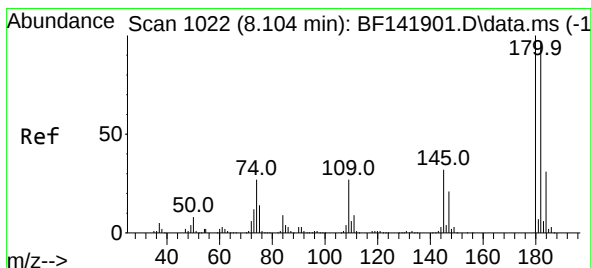
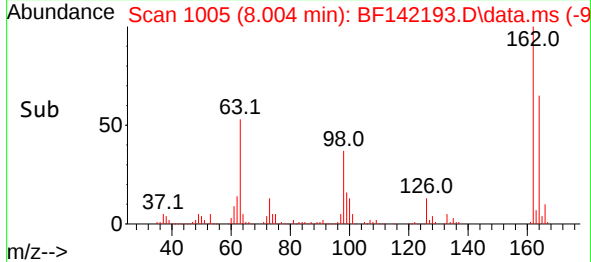
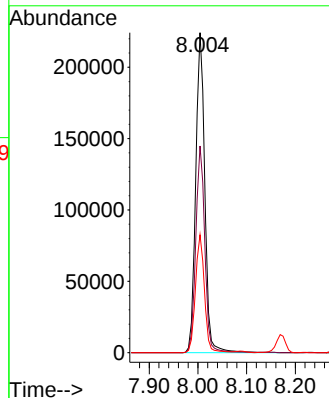
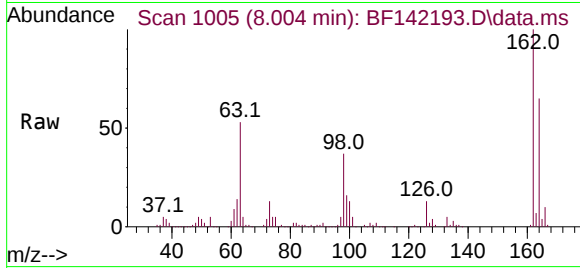
Tgt Ion:162 Resp: 293235

Ion Ratio Lower Upper

162 100

164 64.6 43.8 83.8

98 36.9 18.1 58.1



#30

1,2,4-Trichlorobenzene

Concen: 52.196 ng

RT: 8.087 min Scan# 1019

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

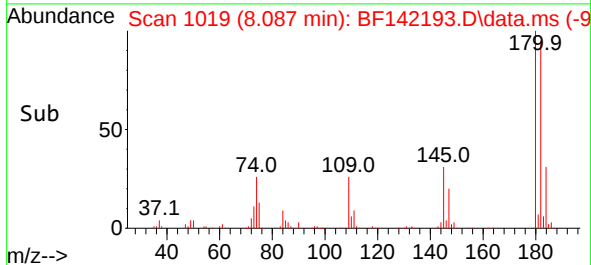
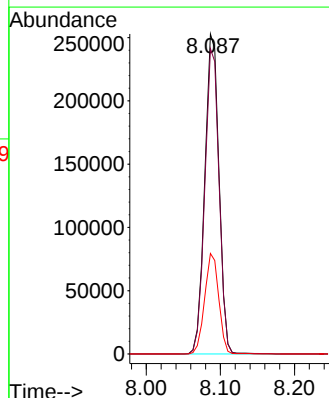
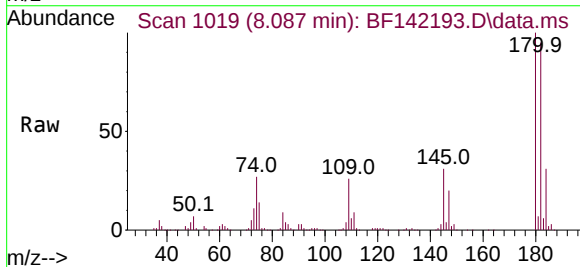
Tgt Ion:180 Resp: 337553

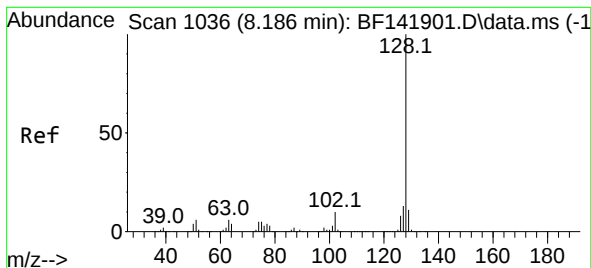
Ion Ratio Lower Upper

180 100

182 95.4 77.5 116.3

145 31.4 25.8 38.6





#31

Naphthalene

Concen: 48.907 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.018 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

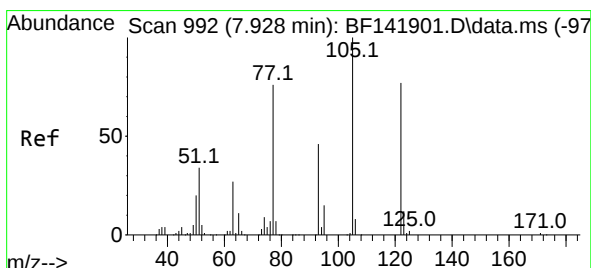
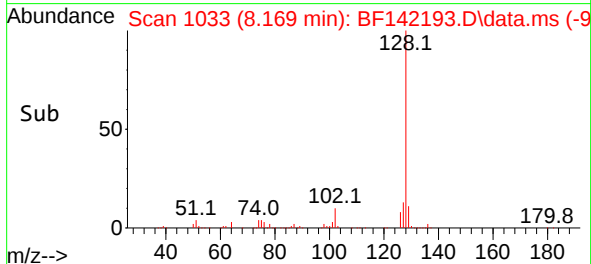
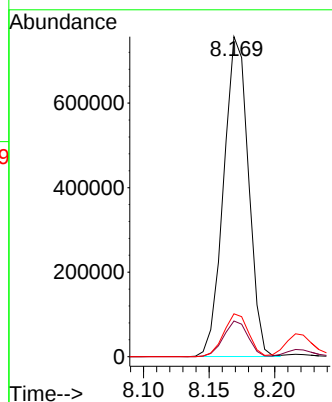
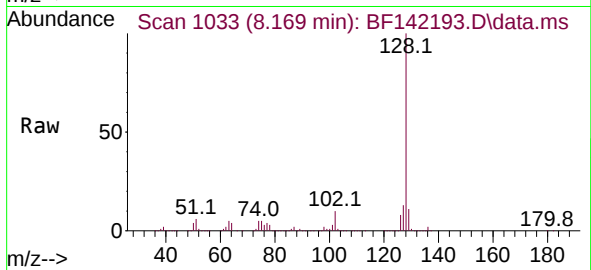
Tgt Ion:128 Resp: 994918

Ion Ratio Lower Upper

128 100

129 11.1 9.0 13.6

127 13.4 10.8 16.2



#32

Benzoic acid

Concen: 20.285 ng

RT: 7.887 min Scan# 985

Delta R.T. -0.041 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

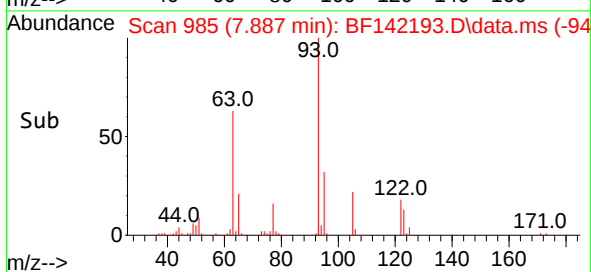
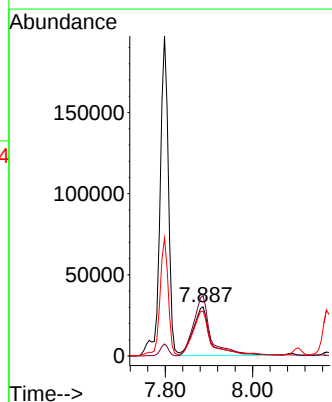
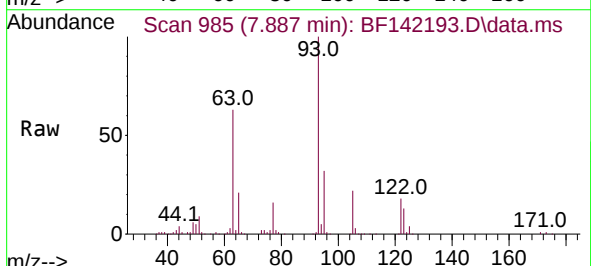
Tgt Ion:122 Resp: 84303

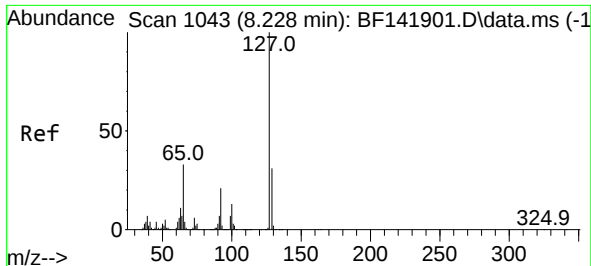
Ion Ratio Lower Upper

122 100

105 122.8 107.9 147.9

77 91.7 79.0 119.0

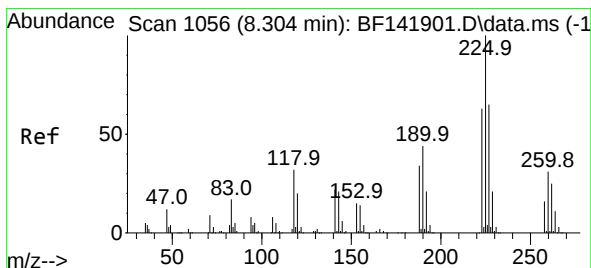
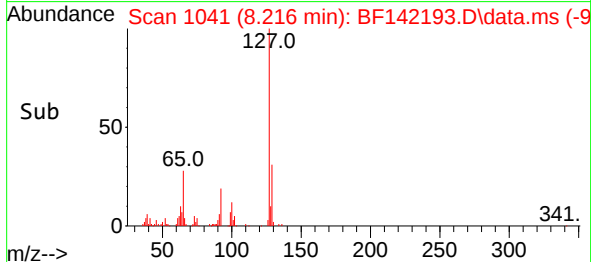
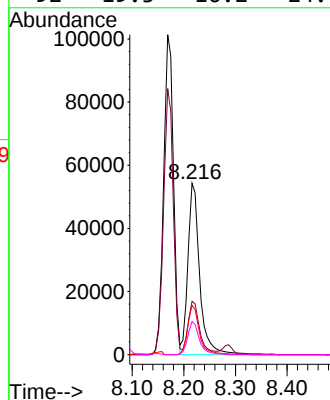
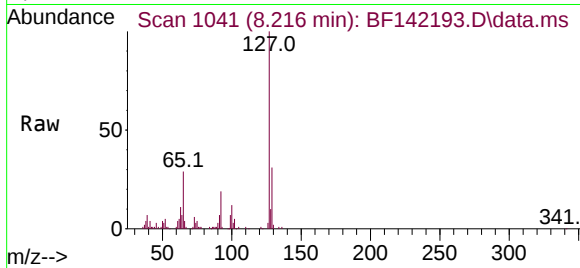




#33
4-Chloroaniline
Concen: 12.080 ng
RT: 8.216 min Scan# 1041
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

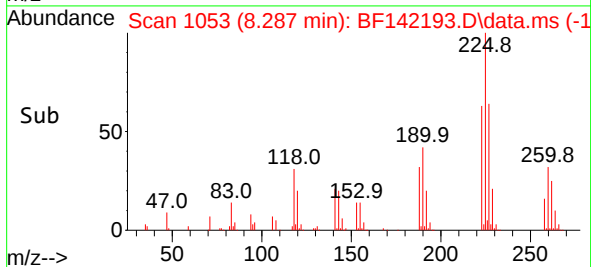
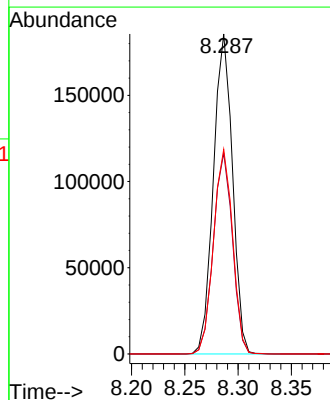
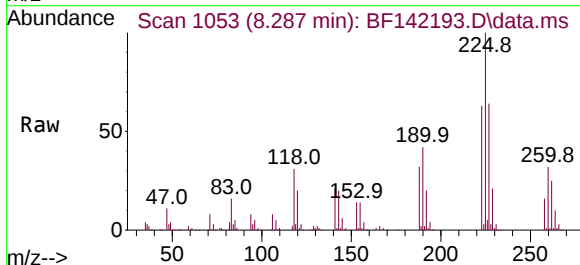
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

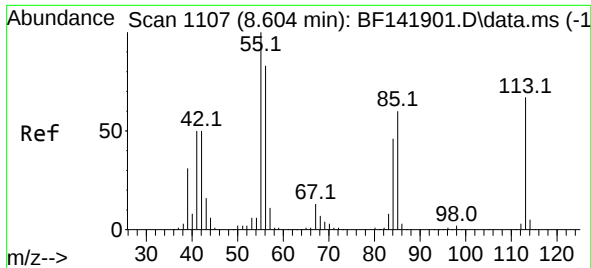
Tgt Ion:	127	Resp:	86747
Ion	Ratio	Lower	Upper
127	100		
129	31.1	26.2	39.4
65	28.8	25.4	38.2
92	19.3	16.2	24.4



#34
Hexachlorobutadiene
Concen: 54.663 ng
RT: 8.287 min Scan# 1053
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:	225	Resp:	230541
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.6	75.8
227	63.9	52.2	78.2

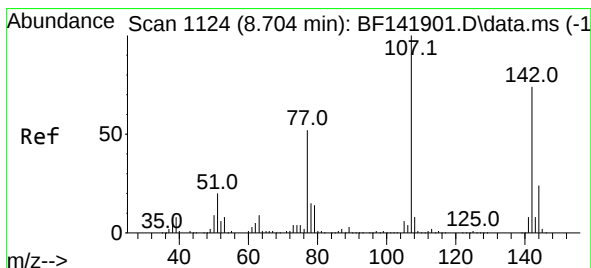
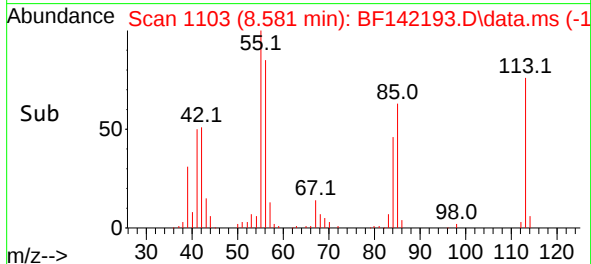
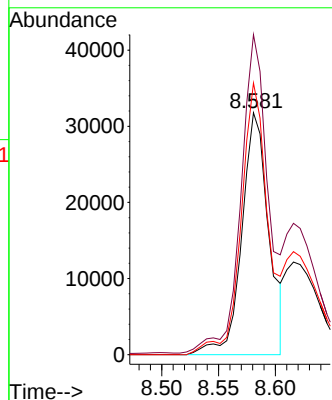
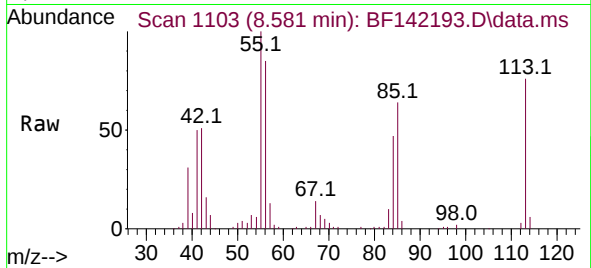




#35
Caprolactam
Concen: 29.197 ng
RT: 8.581 min Scan# 1103
Delta R.T. -0.023 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

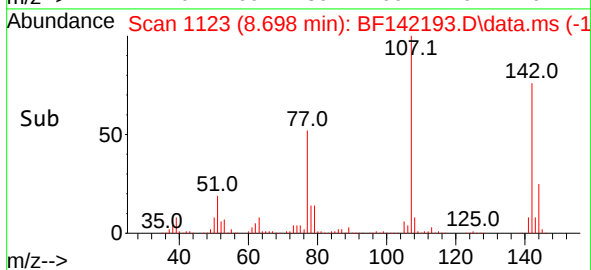
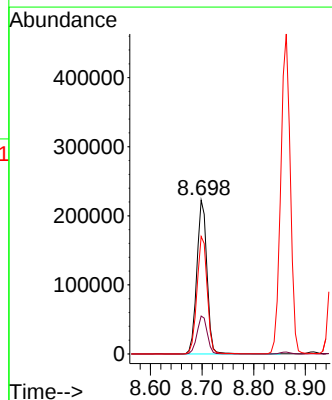
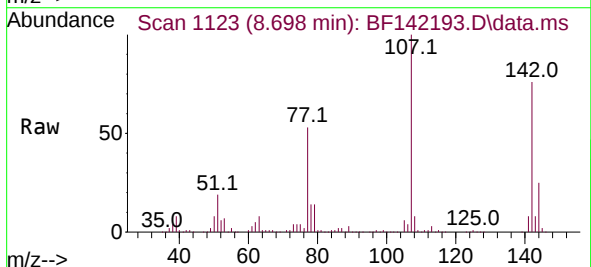
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

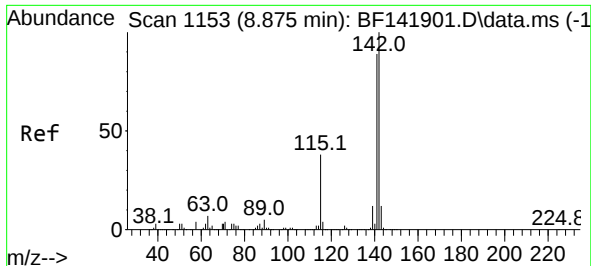
Tgt Ion:113 Resp: 52236
Ion Ratio Lower Upper
113 100
55 132.2 129.6 169.6
56 112.3 104.0 144.0



#36
4-Chloro-3-methylphenol
Concen: 46.321 ng
RT: 8.698 min Scan# 1123
Delta R.T. -0.006 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:107 Resp: 303225
Ion Ratio Lower Upper
107 100
144 24.6 19.0 28.6
142 76.4 59.2 88.8





#37

2-Methylnaphthalene

Concen: 43.684 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

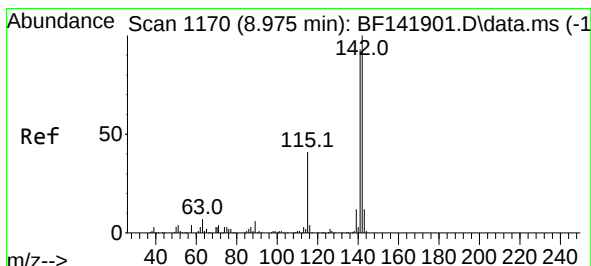
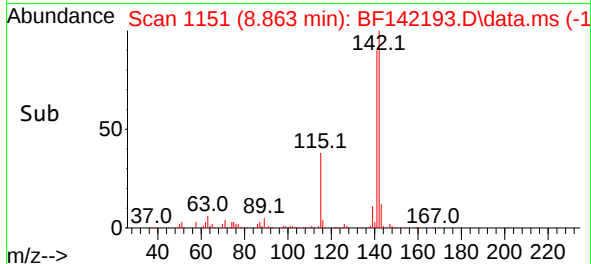
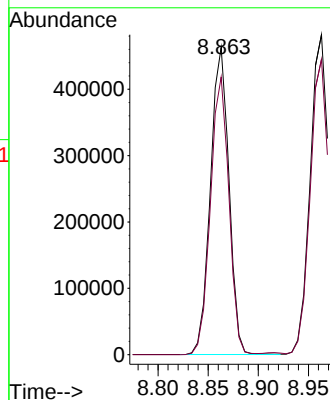
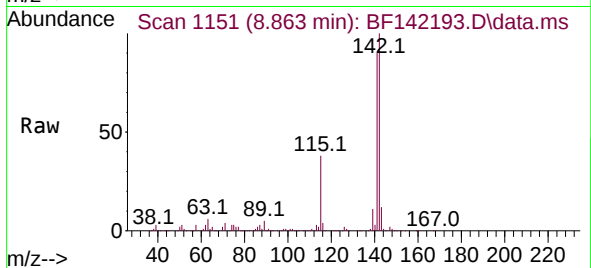
P001-BBDGA-001-01MSD

Tgt Ion:142 Resp: 593991

Ion Ratio Lower Upper

142 100

141 90.3 71.2 106.8



#38

1-Methylnaphthalene

Concen: 47.238 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.012 min

Lab File: BF142193.D

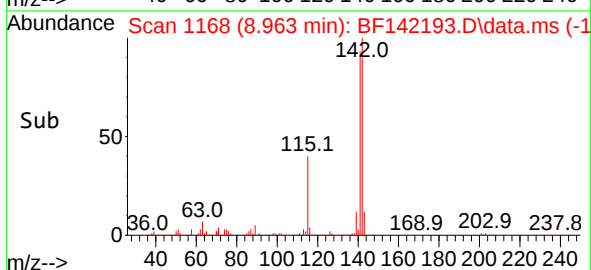
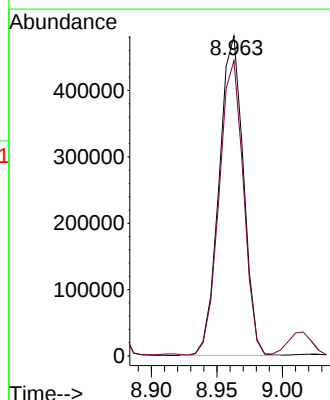
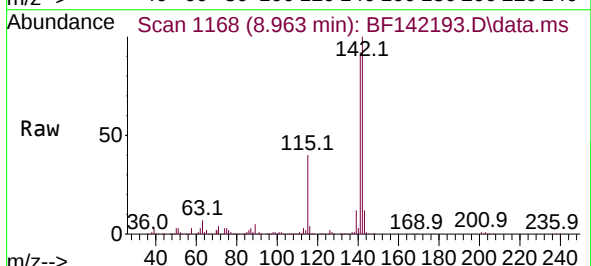
Acq: 31 Mar 2025 21:26

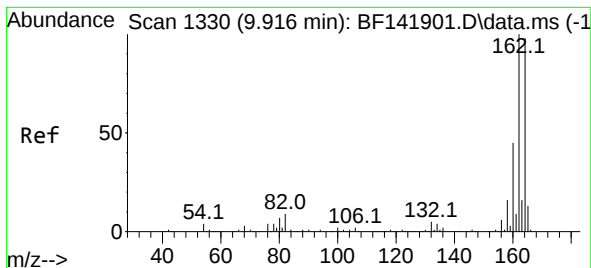
Tgt Ion:142 Resp: 619825

Ion Ratio Lower Upper

142 100

141 92.3 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF142193.D

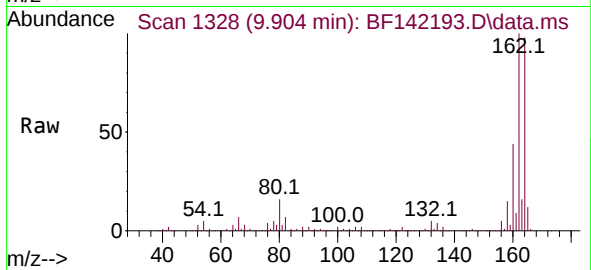
Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD



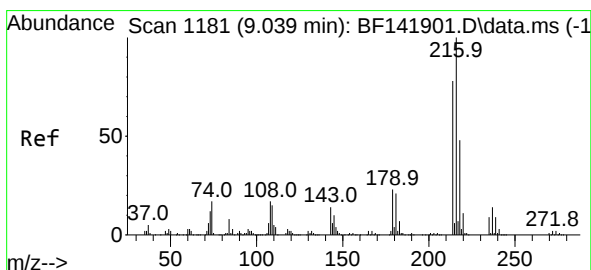
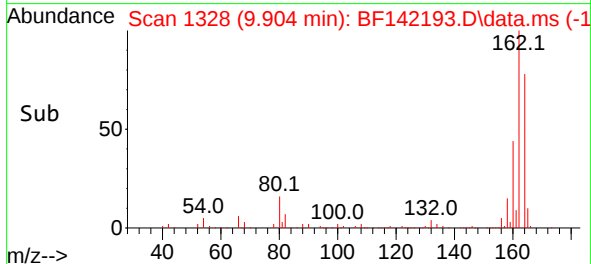
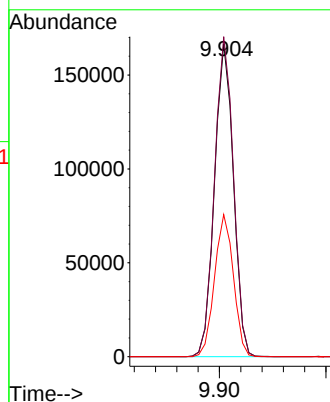
Tgt Ion:164 Resp: 205375

Ion	Ratio	Lower	Upper
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164	100		
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162	102.3	81.8	122.6
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160	45.4	36.7	55.1
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#40

1,2,4,5-Tetrachlorobenzene

Concen: 55.365 ng

RT: 9.028 min Scan# 1179

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Tgt Ion:216 Resp: 346189

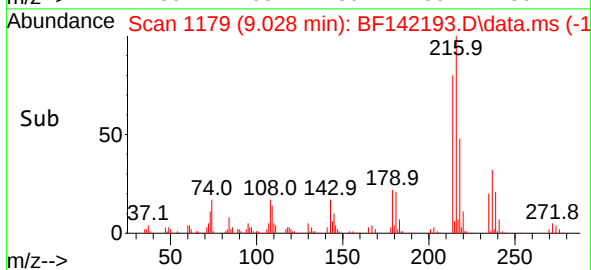
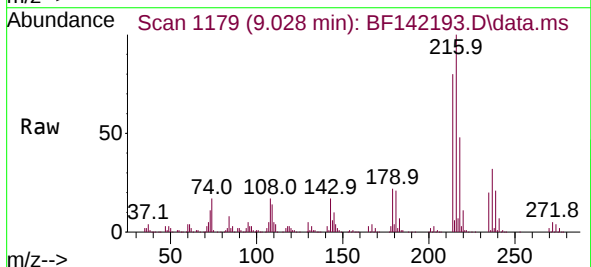
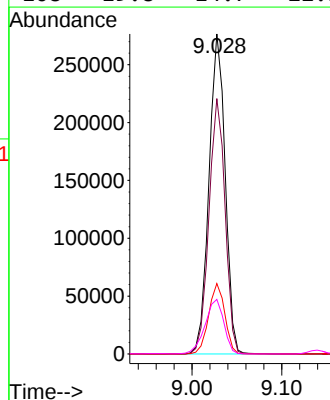
Ion	Ratio	Lower	Upper
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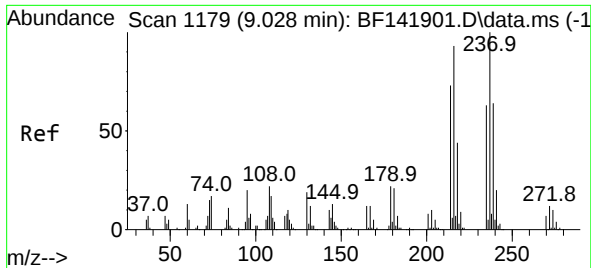
216	100		
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214	79.5	61.9	92.9
-----	------	------	------

179	22.0	18.1	27.1
-----	------	------	------

108	19.8	14.7	22.1
-----	------	------	------

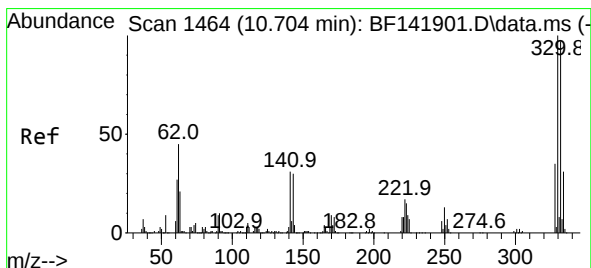
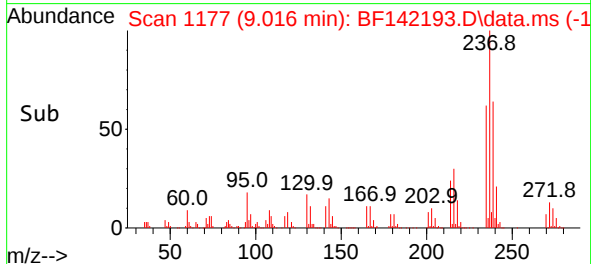
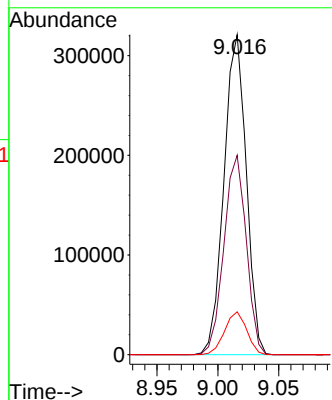
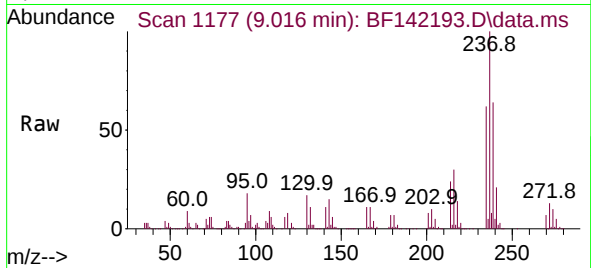




#41
Hexachlorocyclopentadiene
Concen: 167.282 ng
RT: 9.016 min Scan# 1179
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

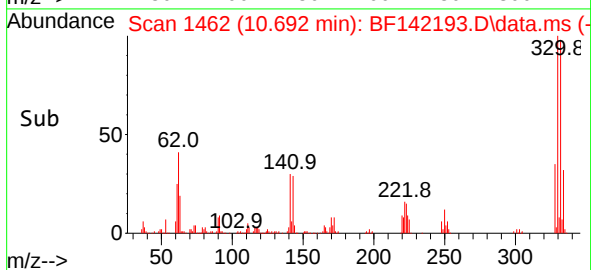
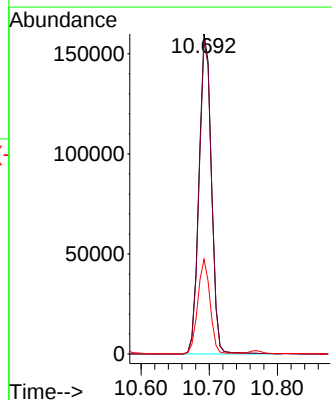
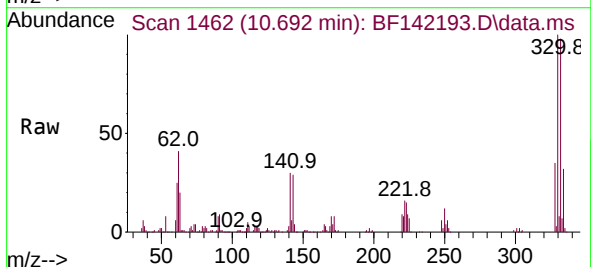
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

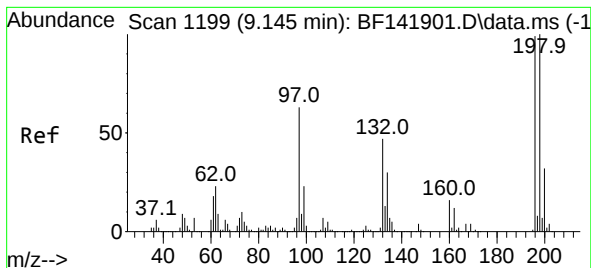
Tgt Ion:237 Resp: 409356
Ion Ratio Lower Upper
237 100
235 62.3 43.1 83.1
272 13.4 0.0 32.0



#42
2,4,6-Tribromophenol
Concen: 77.727 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:330 Resp: 202514
Ion Ratio Lower Upper
330 100
332 97.9 77.6 116.4
141 29.3 24.7 37.1





#43

2,4,6-Trichlorophenol

Concen: 52.420 ng

RT: 9.139 min Scan# 1199

Delta R.T. -0.006 min

Lab File: BF142193.D

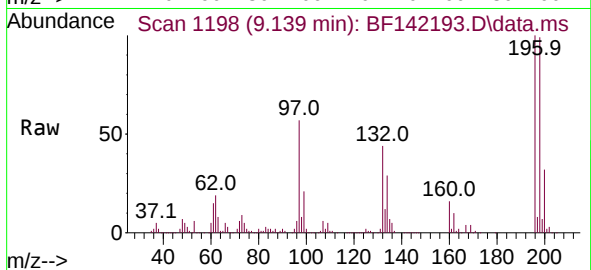
Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD



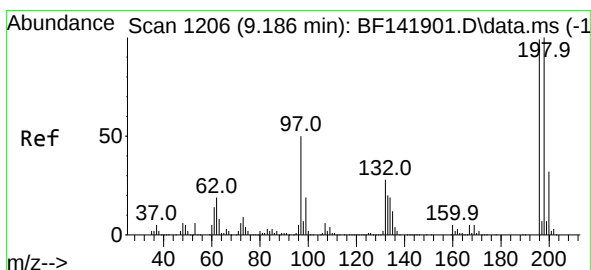
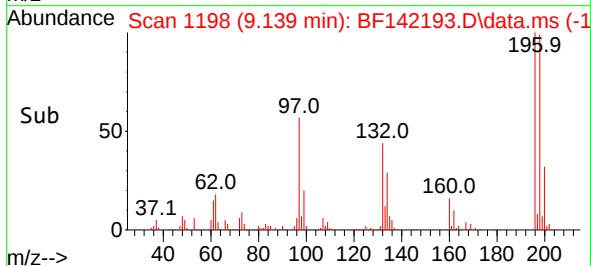
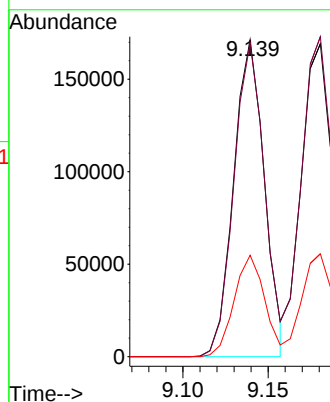
Tgt Ion:196 Resp: 214212

Ion Ratio Lower Upper

196 100

198 99.1 80.6 121.0

200 32.0 25.8 38.6



#44

2,4,5-Trichlorophenol

Concen: 53.755 ng

RT: 9.181 min Scan# 1205

Delta R.T. -0.006 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Tgt Ion:196 Resp: 222482

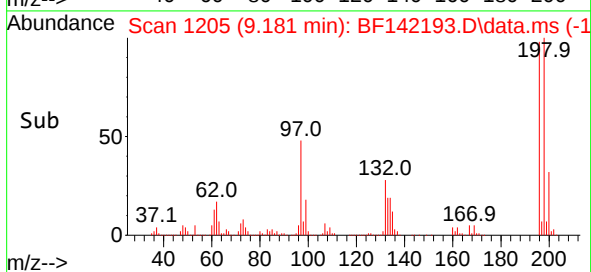
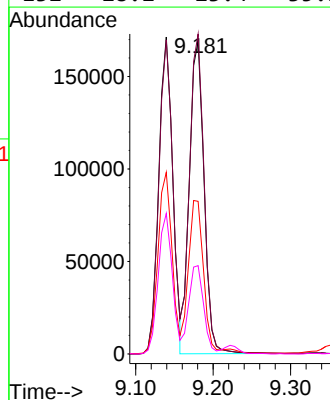
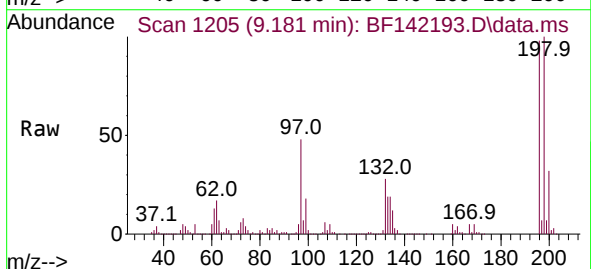
Ion Ratio Lower Upper

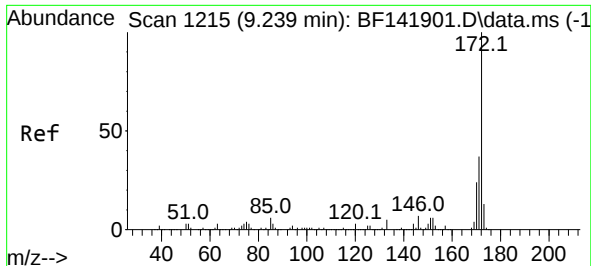
196 100

198 102.3 80.7 121.1

97 48.8 42.1 63.1

132 28.2 23.4 35.2

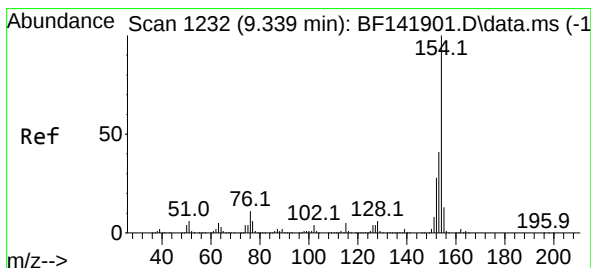
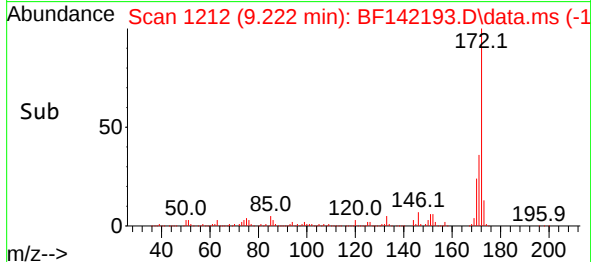
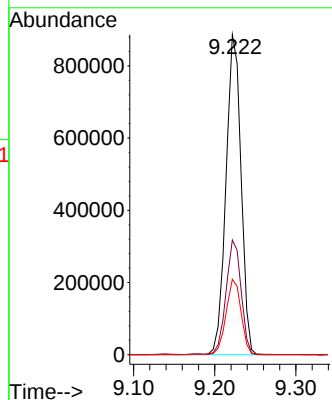
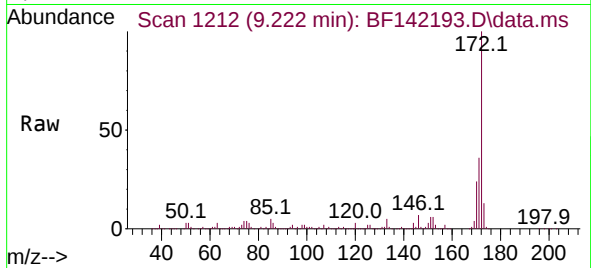




#45
2-Fluorobiphenyl
Concen: 84.742 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

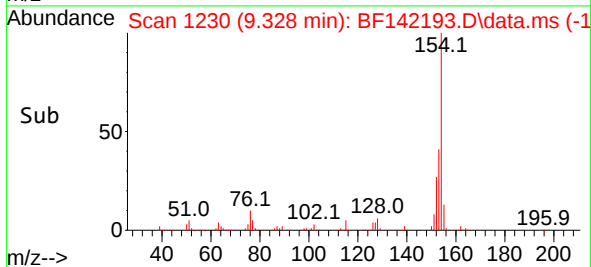
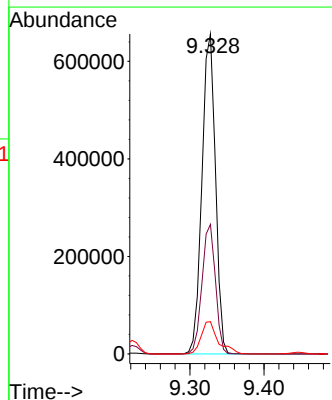
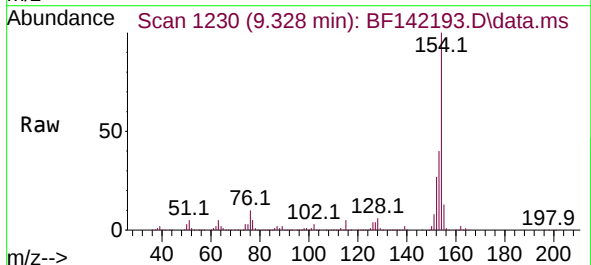
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

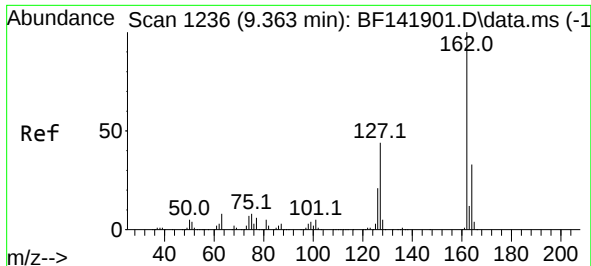
Tgt Ion:172 Resp: 1144382
Ion Ratio Lower Upper
172 100
171 35.8 29.3 43.9
170 23.5 19.4 29.0



#46
1,1'-Biphenyl
Concen: 53.260 ng
RT: 9.328 min Scan# 1230
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:154 Resp: 831108
Ion Ratio Lower Upper
154 100
153 40.5 21.1 61.1
76 10.1 0.0 31.3

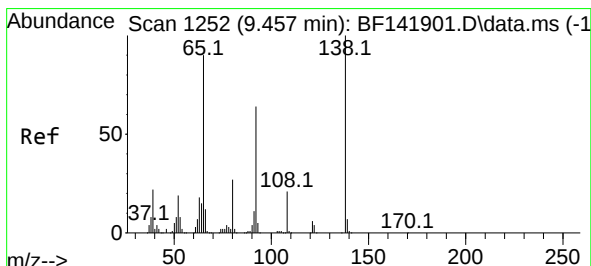
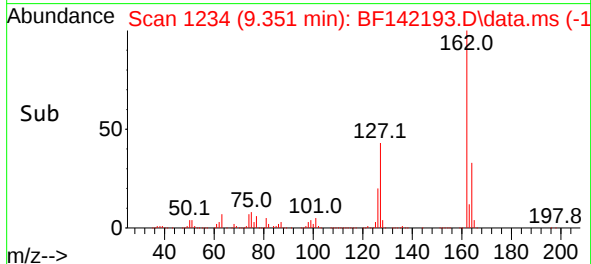
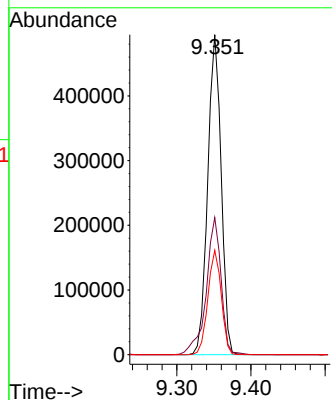
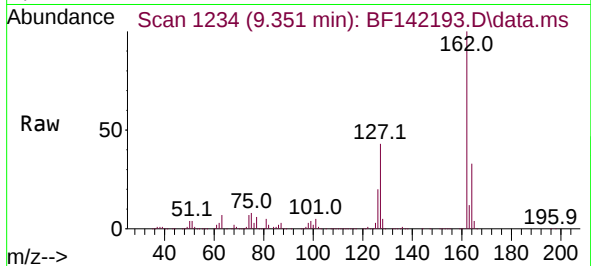




#47
2-Chloronaphthalene
Concen: 53.512 ng
RT: 9.351 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

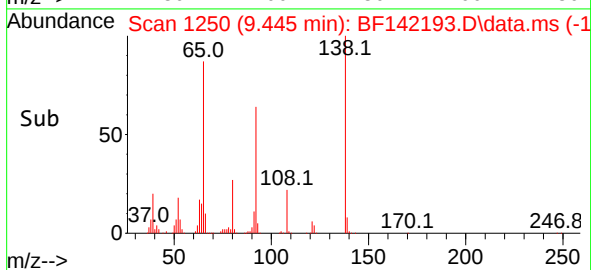
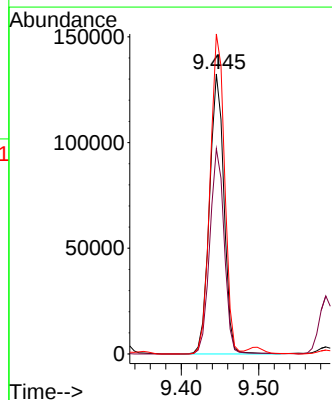
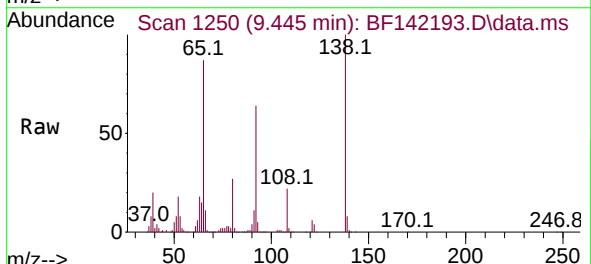
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

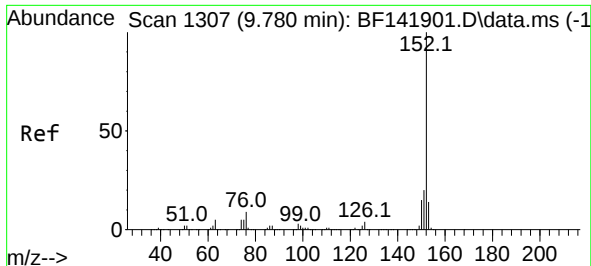
Tgt Ion:162 Resp: 622391
Ion Ratio Lower Upper
162 100
127 42.9 35.5 53.3
164 32.6 26.6 40.0



#48
2-Nitroaniline
Concen: 50.959 ng
RT: 9.445 min Scan# 1250
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion: 65 Resp: 171610
Ion Ratio Lower Upper
65 100
92 73.3 56.6 84.8
138 114.3 88.6 133.0





#49

Acenaphthylene

Concen: 54.694 ng

RT: 9.769 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

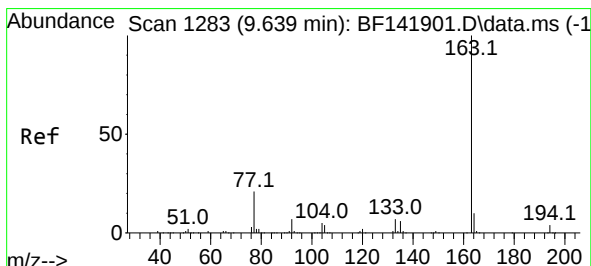
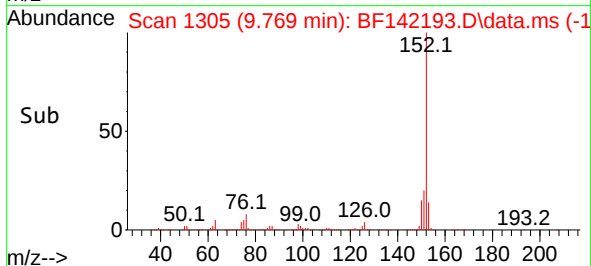
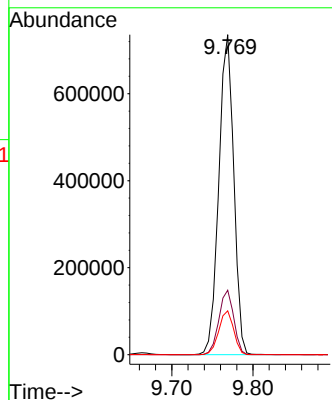
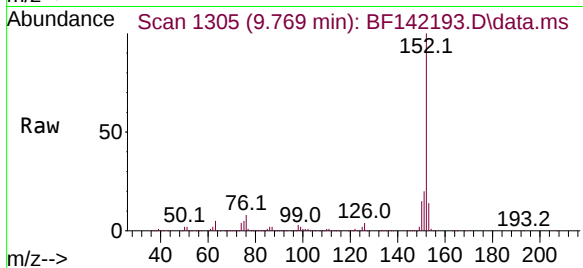
Tgt Ion:152 Resp: 944017

Ion Ratio Lower Upper

152 100

151 20.1 16.3 24.5

153 13.7 11.1 16.7



#50

Dimethylphthalate

Concen: 51.443 ng

RT: 9.628 min Scan# 1281

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

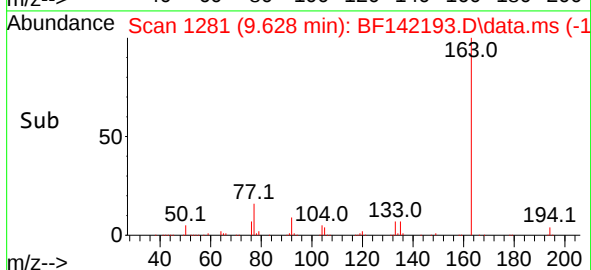
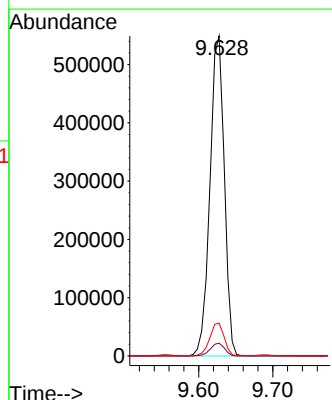
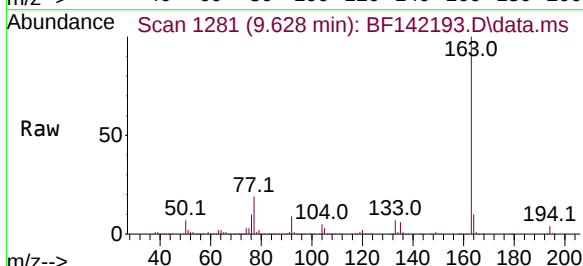
Tgt Ion:163 Resp: 739843

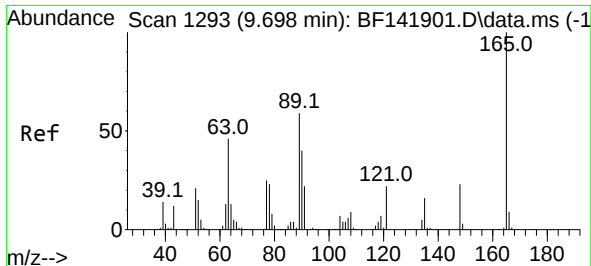
Ion Ratio Lower Upper

163 100

194 4.0 3.1 4.7

164 10.3 8.2 12.4

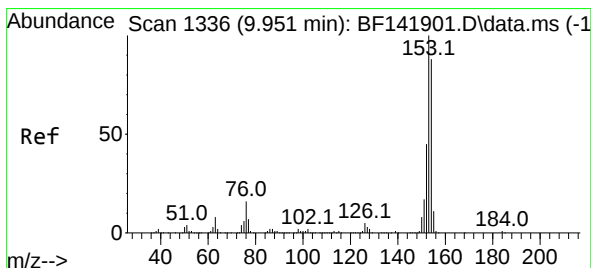
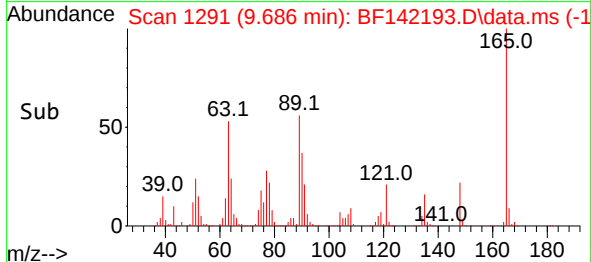
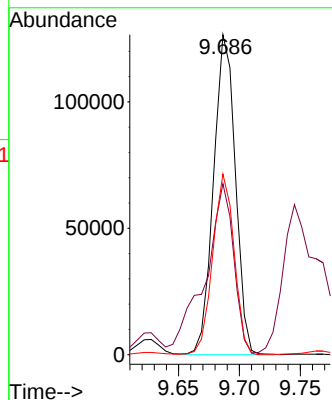
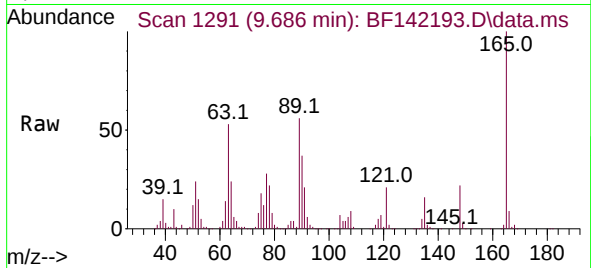




#51
2,6-Dinitrotoluene
Concen: 52.892 ng
RT: 9.686 min Scan# 1291
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

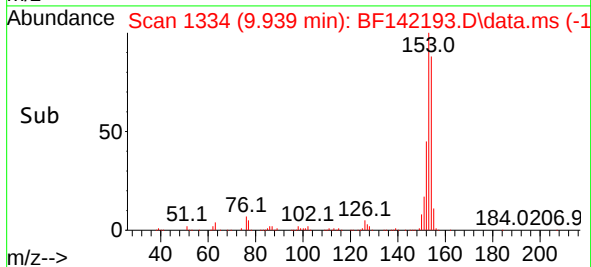
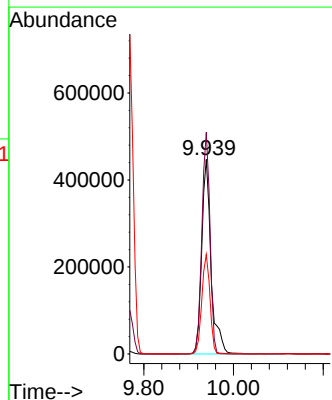
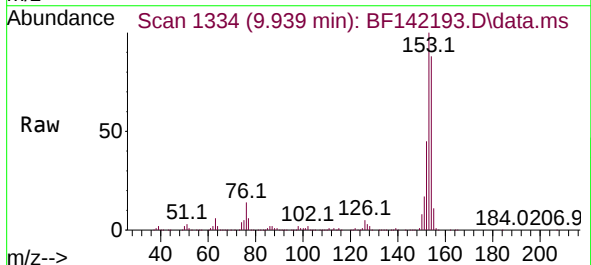
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

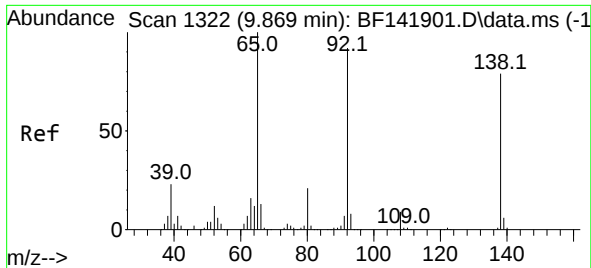
Tgt Ion:165 Resp: 158383
Ion Ratio Lower Upper
165 100
63 53.5 47.0 70.4
89 56.4 47.4 71.2



#52
Acenaphthene
Concen: 53.414 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:154 Resp: 647884
Ion Ratio Lower Upper
154 100
153 113.9 90.7 136.1
152 51.1 41.1 61.7

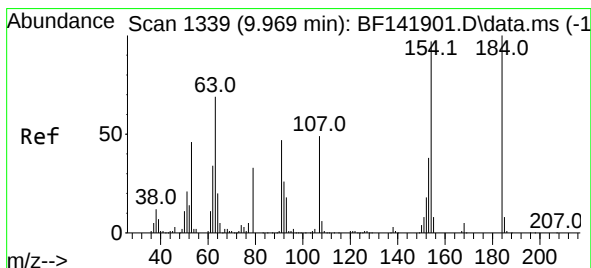
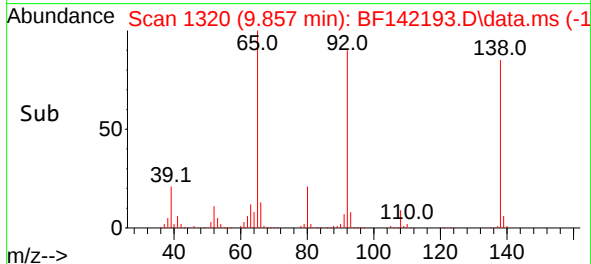
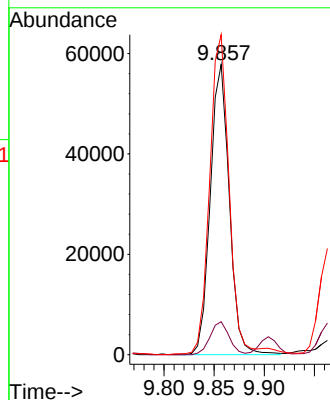
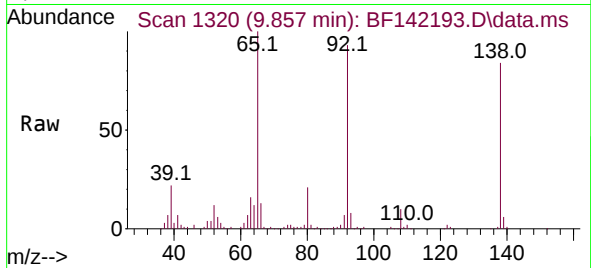




#53
3-Nitroaniline
Concen: 25.085 ng
RT: 9.857 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

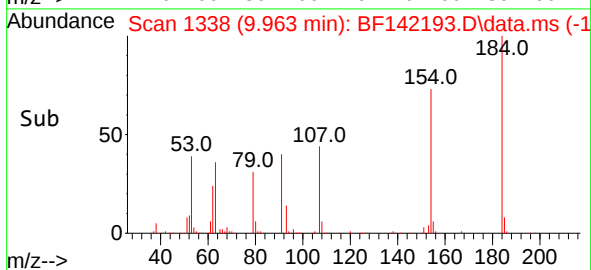
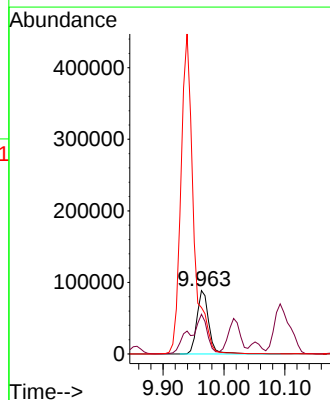
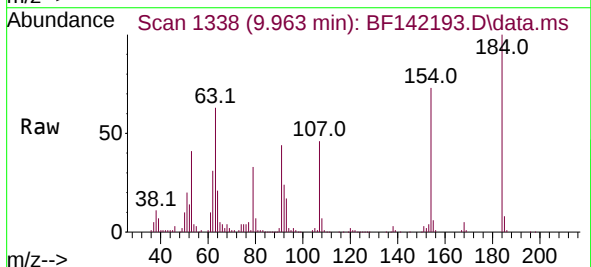
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

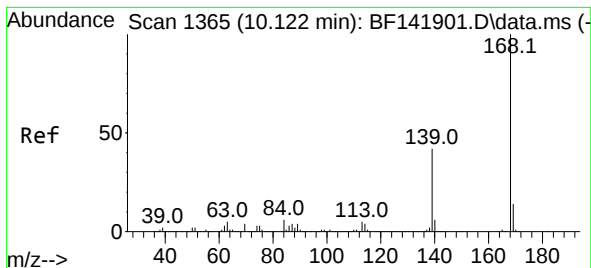
Tgt Ion:138 Resp: 76196
Ion Ratio Lower Upper
138 100
108 11.3 9.3 13.9
92 110.3 93.5 140.3



#54
2,4-Dinitrophenol
Concen: 71.316 ng
RT: 9.963 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:184 Resp: 120013
Ion Ratio Lower Upper
184 100
63 62.5 60.2 90.4
154 73.1 132.9 199.3#





#55

Dibenzenofuran

Concen: 48.986 ng

RT: 10.110 min Scan# 1363

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

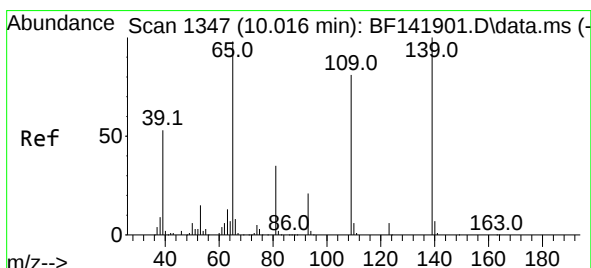
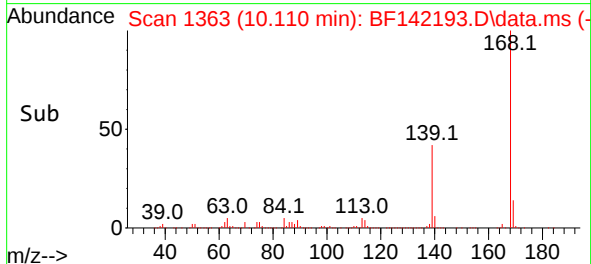
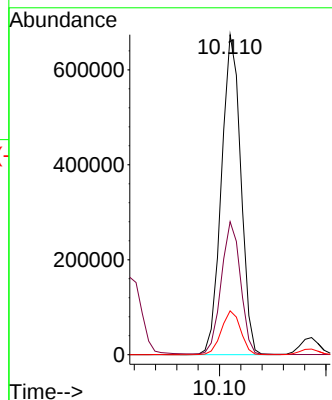
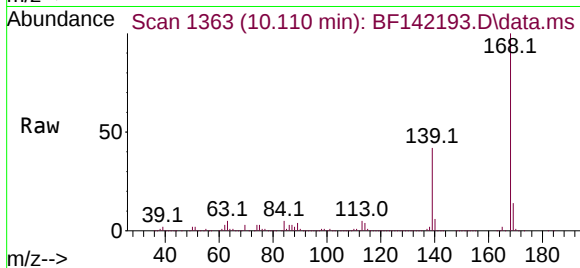
Tgt Ion:168 Resp: 849006

Ion Ratio Lower Upper

168 100

139 41.6 33.9 50.9

169 13.7 11.0 16.4



#56

4-Nitrophenol

Concen: 98.407 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.000 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

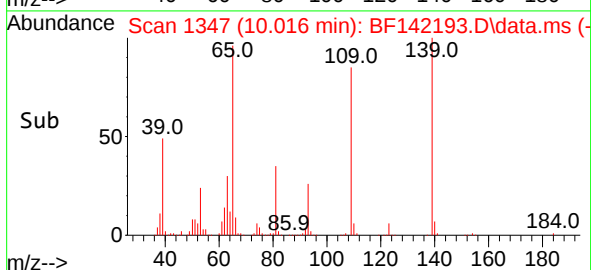
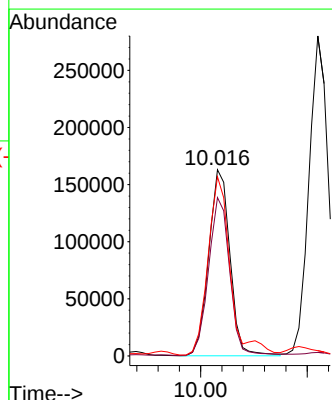
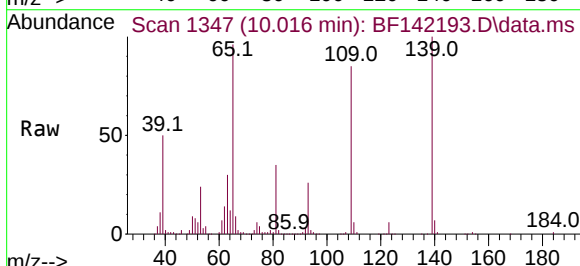
Tgt Ion:139 Resp: 225415

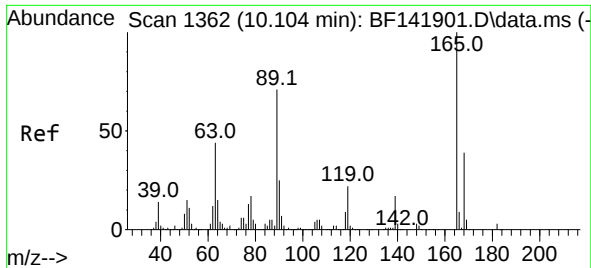
Ion Ratio Lower Upper

139 100

109 85.0 61.6 101.6

65 96.2 79.4 119.4

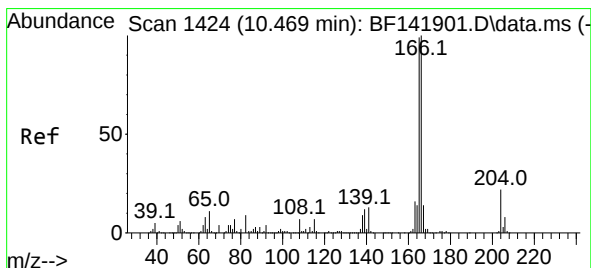
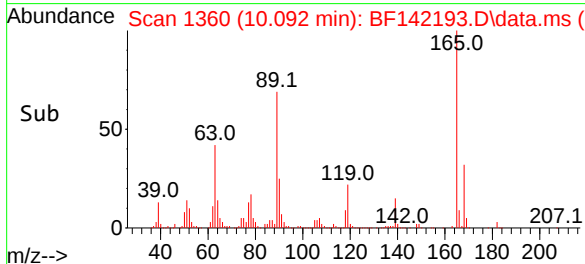
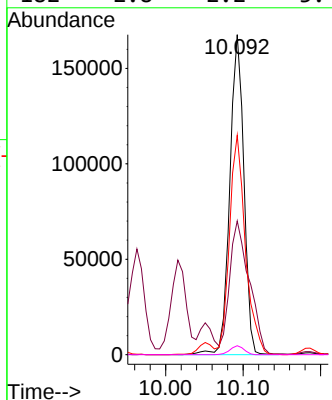
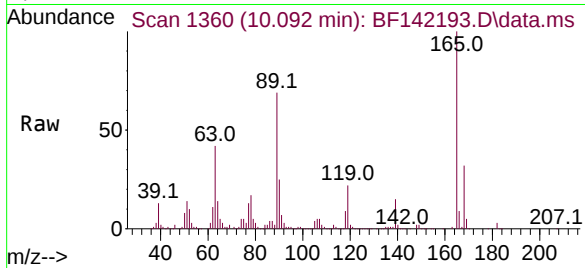




#57
2,4-Dinitrotoluene
Concen: 54.051 ng
RT: 10.092 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

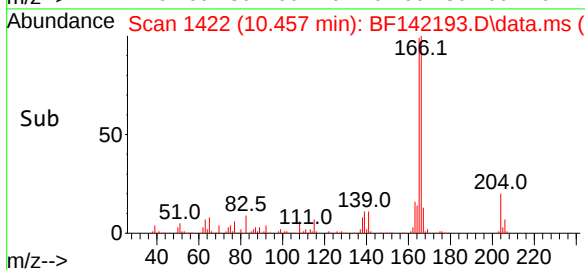
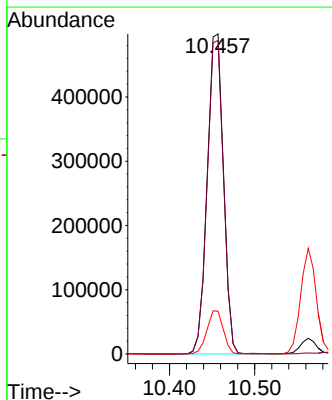
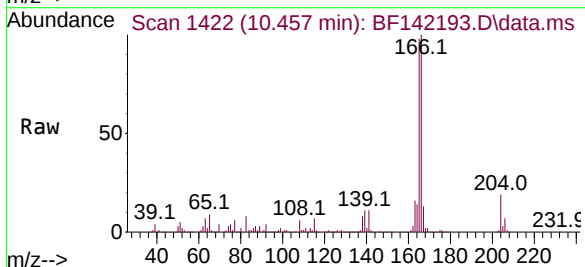
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

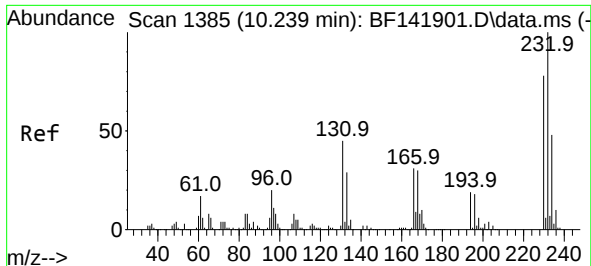
Tgt Ion:165 Resp: 211398
Ion Ratio Lower Upper
165 100
63 41.8 35.4 53.2
89 68.5 56.6 84.8
182 2.8 2.2 3.4



#58
Fluorene
Concen: 49.405 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:166 Resp: 660328
Ion Ratio Lower Upper
166 100
165 97.9 79.0 118.4
167 13.4 11.0 16.4

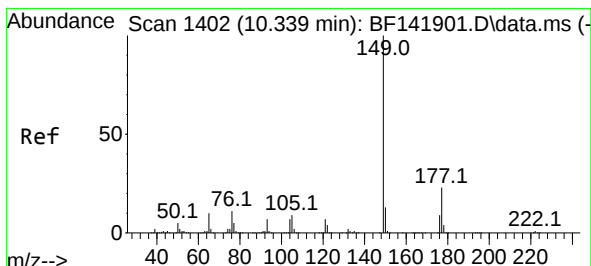
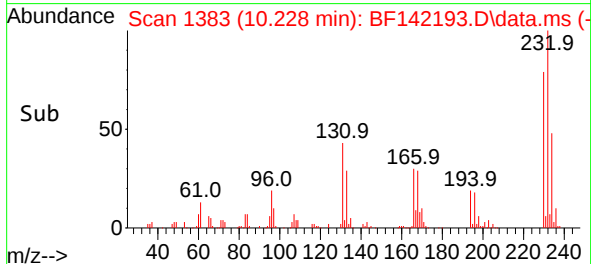
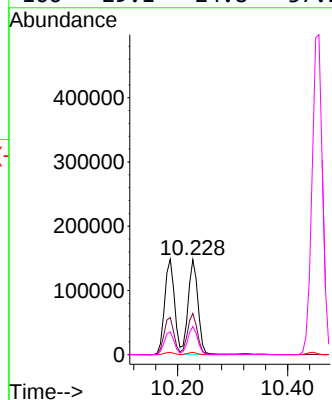
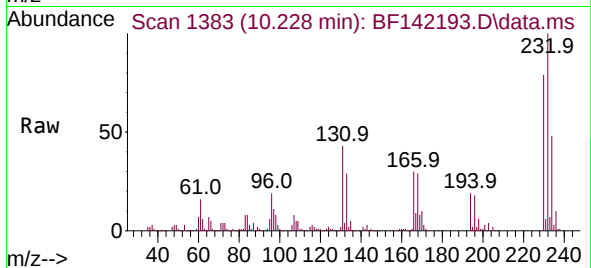




#59
2,3,4,6-Tetrachlorophenol
Concen: 49.071 ng
RT: 10.228 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

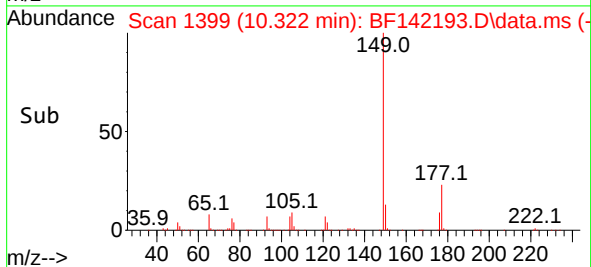
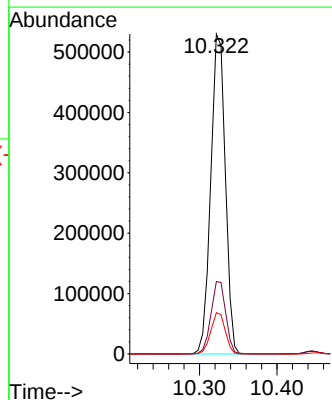
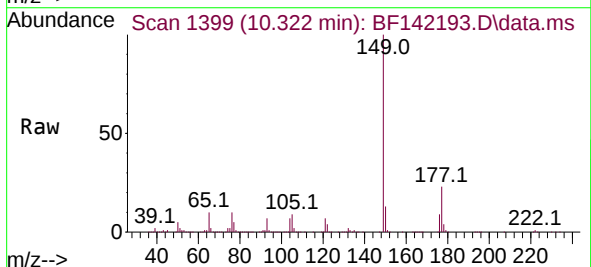
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

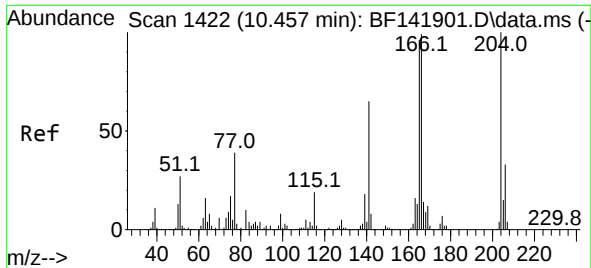
Tgt Ion:232 Resp: 184810
Ion Ratio Lower Upper
232 100
131 43.4 37.3 55.9
130 2.3 1.9 2.9
166 29.1 24.8 37.2



#60
Diethylphthalate
Concen: 48.288 ng
RT: 10.322 min Scan# 1399
Delta R.T. -0.018 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:149 Resp: 692477
Ion Ratio Lower Upper
149 100
177 22.6 18.0 27.0
150 12.9 10.2 15.4

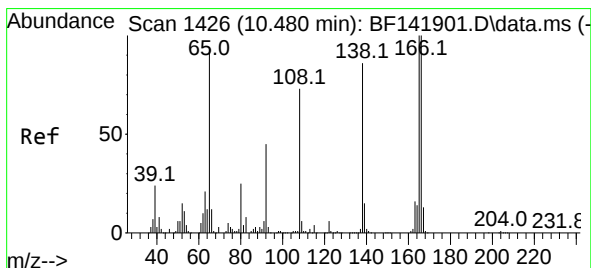
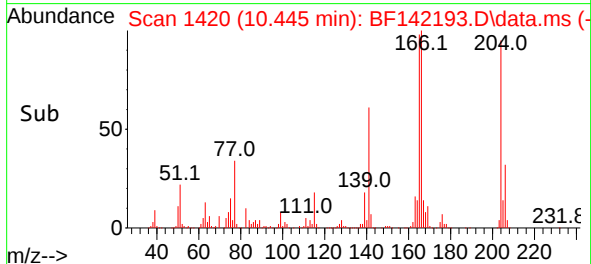
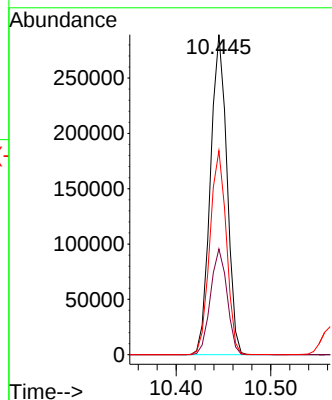
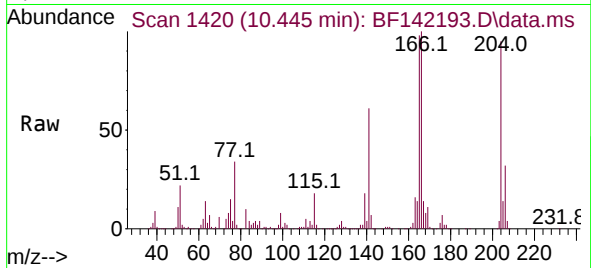




#61
4-Chlorophenyl-phenylether
Concen: 50.136 ng
RT: 10.445 min Scan# 1422
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

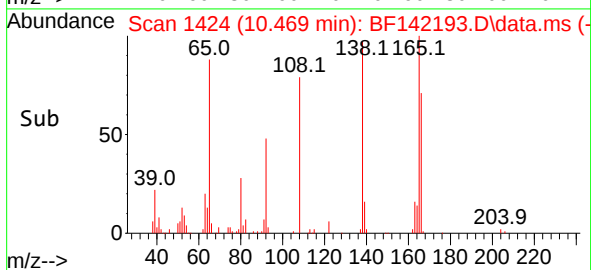
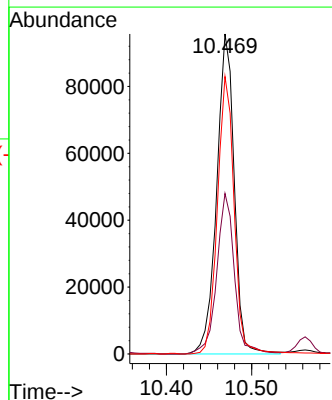
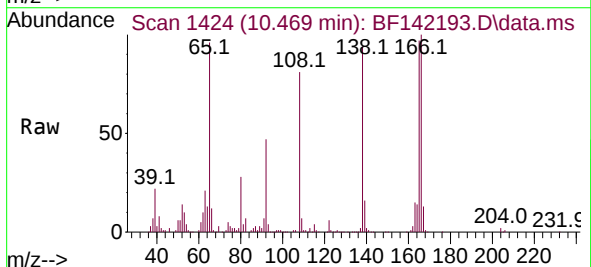
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

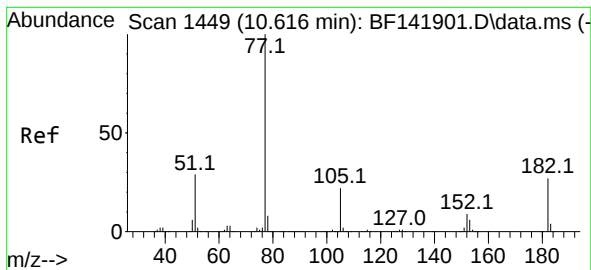
Tgt Ion:204 Resp: 349355
Ion Ratio Lower Upper
204 100
206 33.1 26.8 40.2
141 63.8 52.4 78.6



#62
4-Nitroaniline
Concen: 46.383 ng
RT: 10.469 min Scan# 1424
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:138 Resp: 137161
Ion Ratio Lower Upper
138 100
92 50.2 32.6 72.6
108 86.7 65.0 105.0





#63

Azobenzene

Concen: 47.116 ng

RT: 10.604 min Scan# 1447

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

Tgt Ion: 77 Resp: 628182

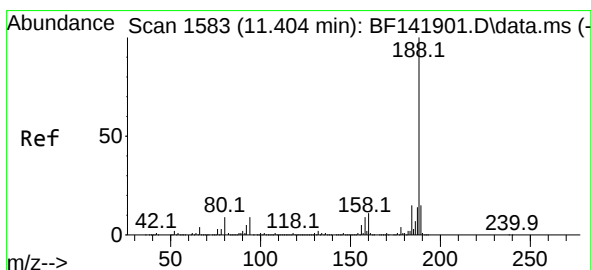
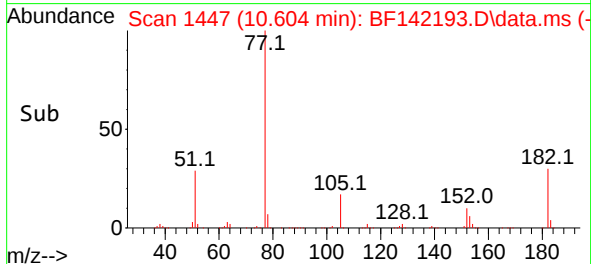
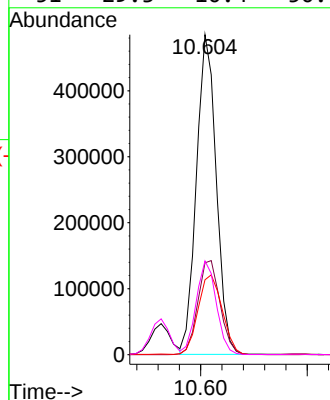
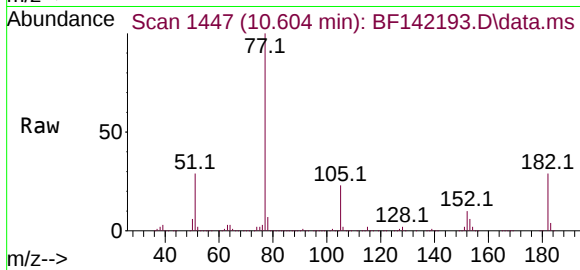
Ion Ratio Lower Upper

77 100

182 28.7 6.6 46.6

105 23.4 1.3 41.3

51 29.3 10.4 50.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

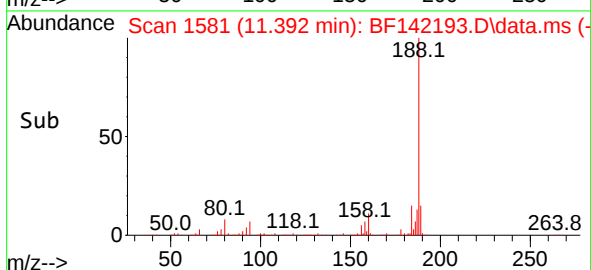
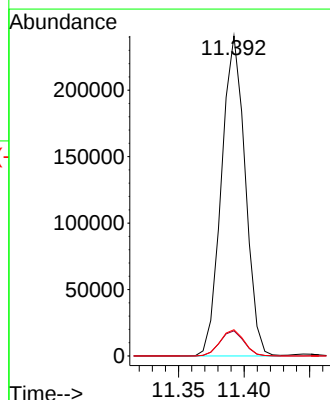
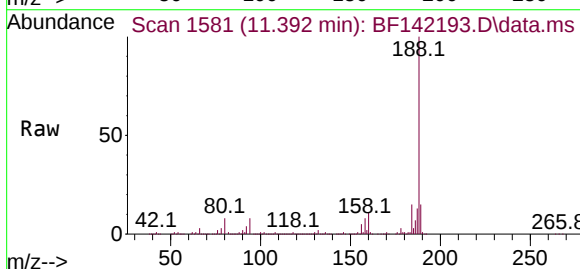
Tgt Ion:188 Resp: 302700

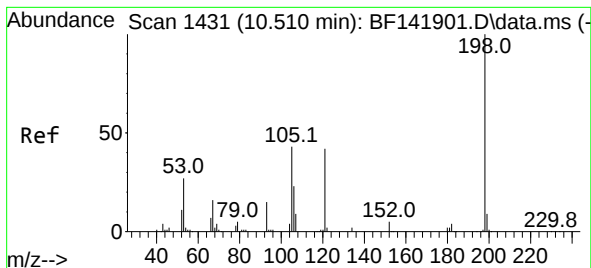
Ion Ratio Lower Upper

188 100

94 7.8 6.8 10.2

80 8.2 7.6 11.4

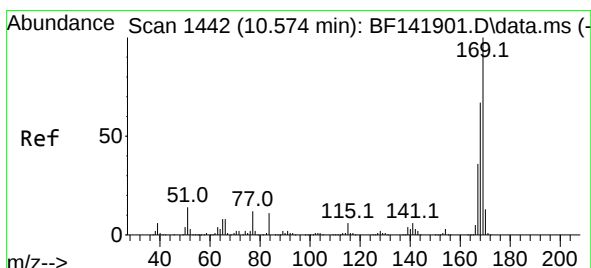
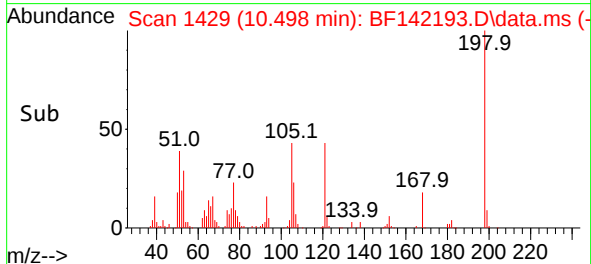
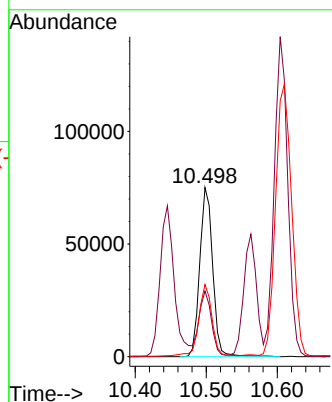
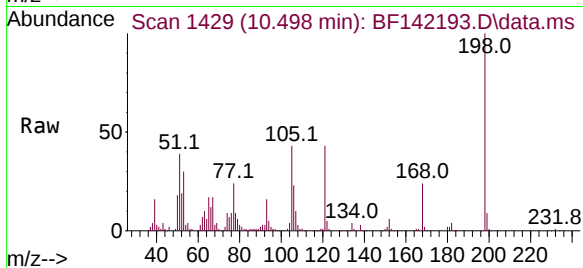




#65
4,6-Dinitro-2-methylphenol
Concen: 52.894 ng
RT: 10.498 min Scan# 1429
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

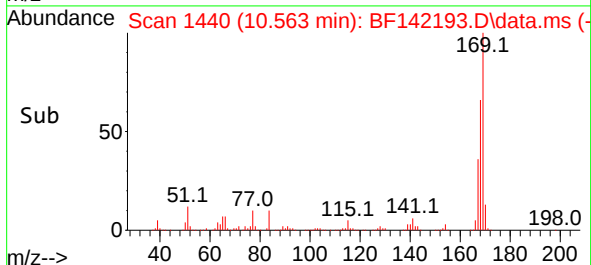
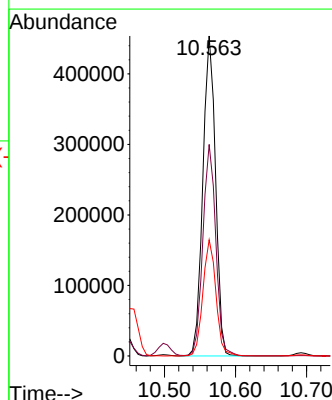
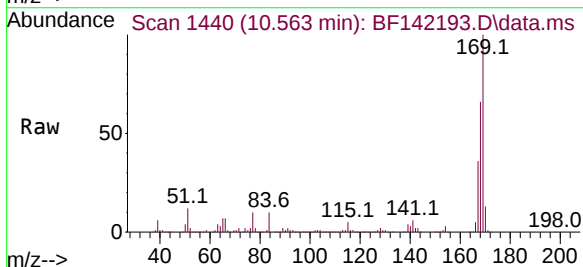
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

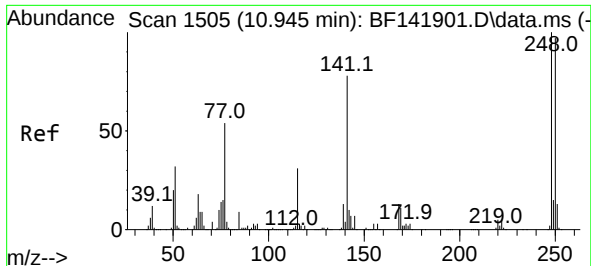
Tgt Ion:198 Resp: 95449
Ion Ratio Lower Upper
198 100
51 38.8 22.3 62.3
105 42.7 23.0 63.0



#66
n-Nitrosodiphenylamine
Concen: 57.665 ng
RT: 10.563 min Scan# 1440
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

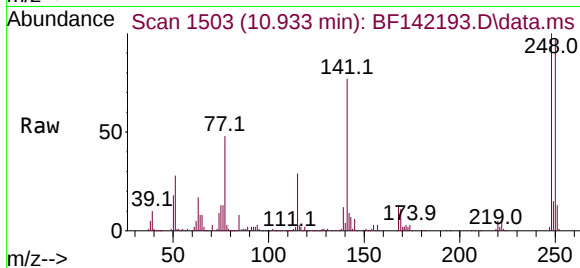
Tgt Ion:169 Resp: 564861
Ion Ratio Lower Upper
169 100
168 66.1 53.7 80.5
167 36.3 29.2 43.8



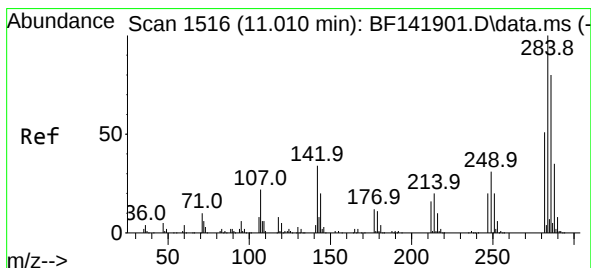
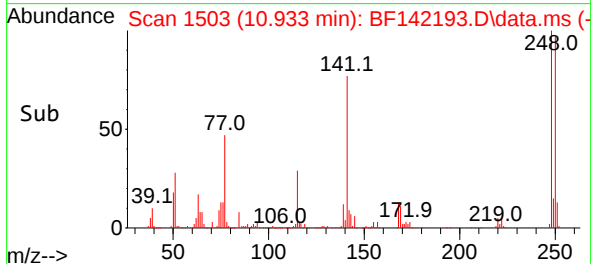
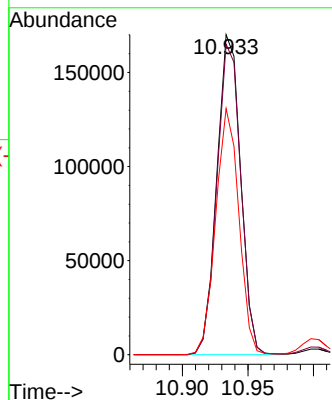


#67
4-Bromophenyl-phenylether
Concen: 56.490 ng
RT: 10.933 min Scan# 1503
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

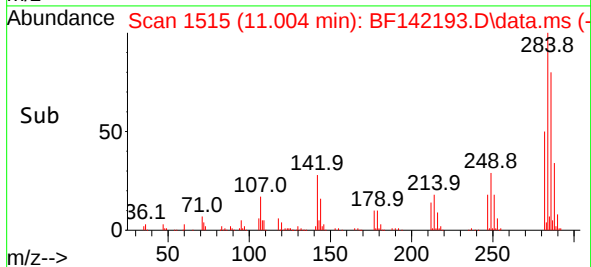
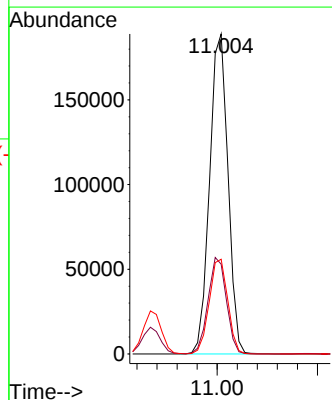
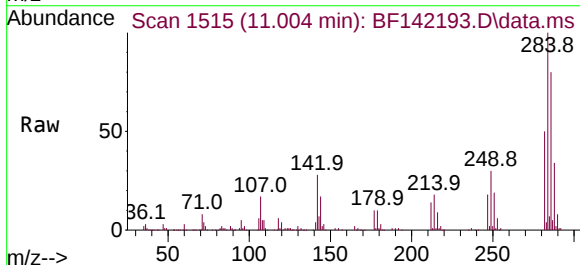


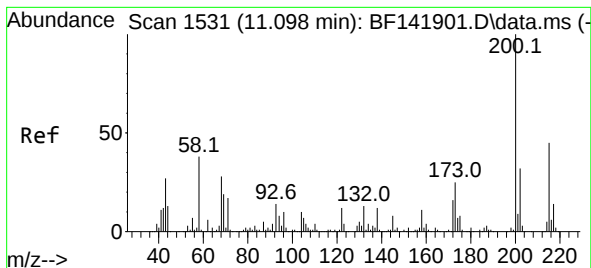
Tgt Ion:248 Resp: 214752
Ion Ratio Lower Upper
248 100
250 97.1 77.8 116.8
141 76.9 62.6 93.8



#68
Hexachlorobenzene
Concen: 57.685 ng
RT: 11.004 min Scan# 1515
Delta R.T. -0.006 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:284 Resp: 240513
Ion Ratio Lower Upper
284 100
142 28.0 27.0 40.6
249 29.6 25.2 37.8





#69

Atrazine

Concen: 64.276 ng

RT: 11.086 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

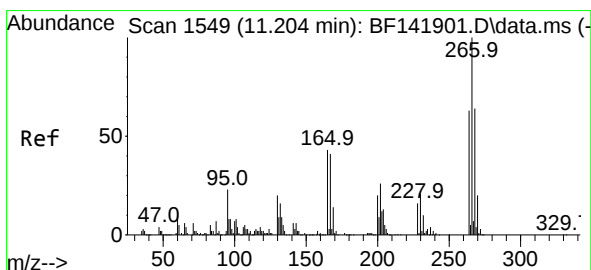
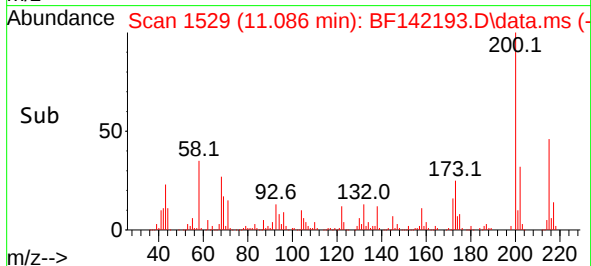
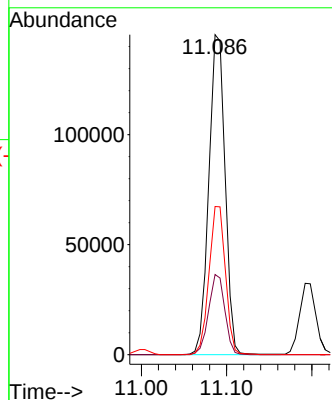
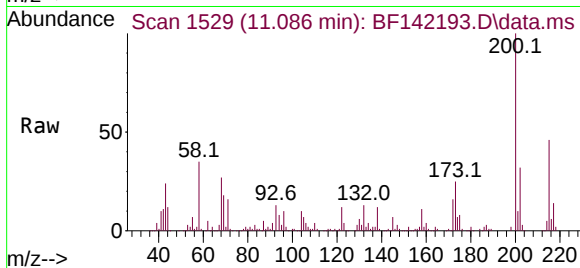
Tgt Ion:200 Resp: 193014

Ion Ratio Lower Upper

200 100

173 25.1 4.7 44.7

215 46.3 25.4 65.4



#70

Pentachlorophenol

Concen: 93.409 ng

RT: 11.198 min Scan# 1548

Delta R.T. -0.006 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

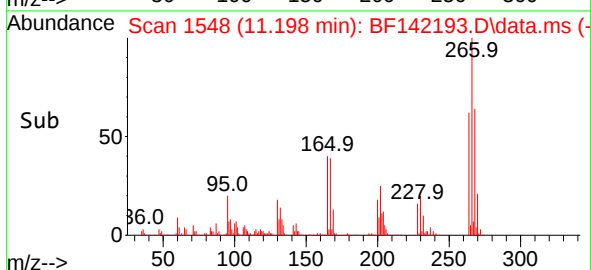
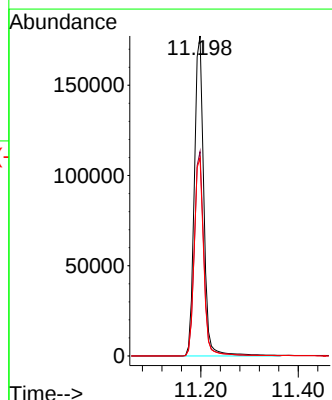
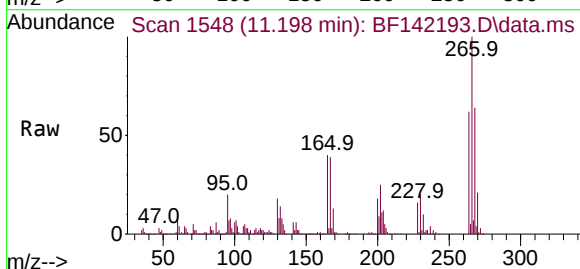
Tgt Ion:266 Resp: 239961

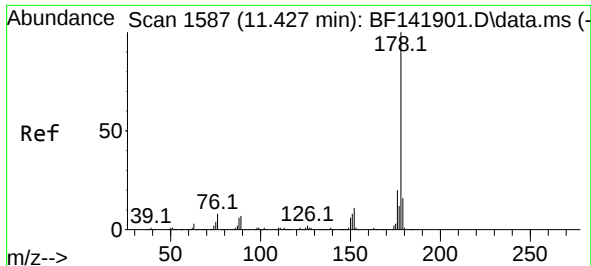
Ion Ratio Lower Upper

266 100

268 63.9 51.0 76.6

264 61.9 50.2 75.2

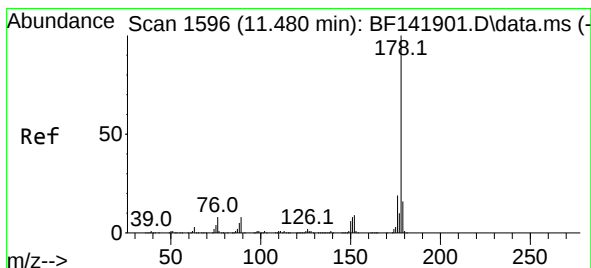
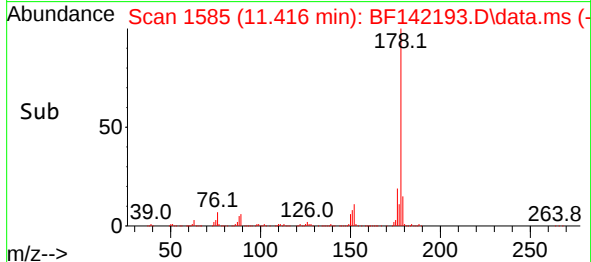
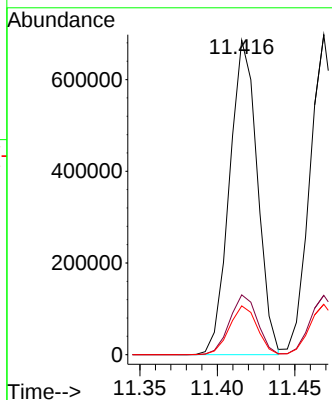
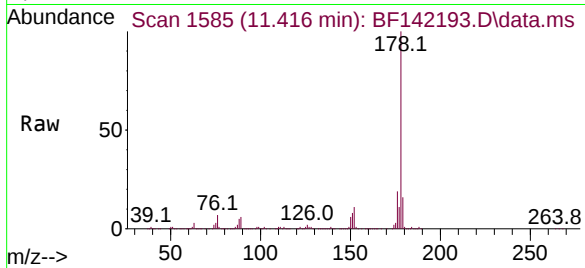




#71
Phenanthrene
Concen: 52.360 ng
RT: 11.416 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

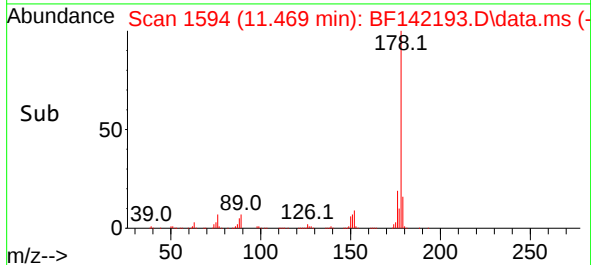
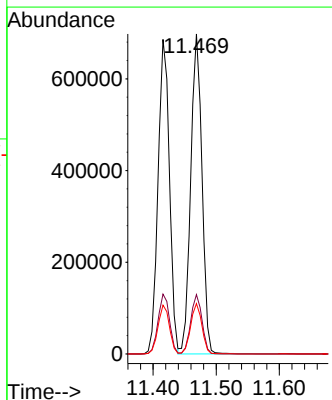
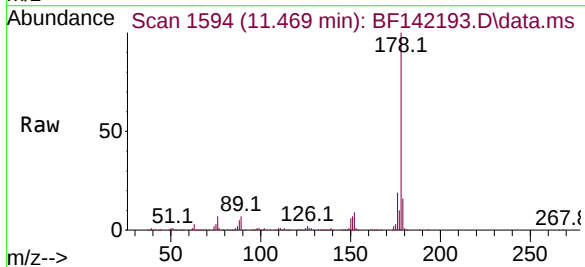
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

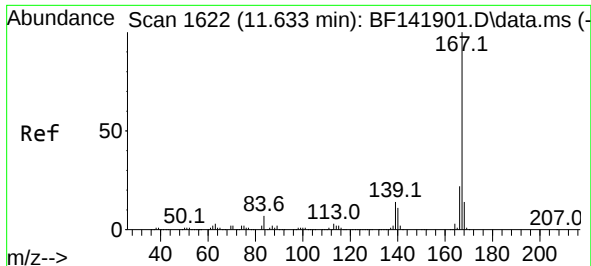
Tgt Ion:178 Resp: 856076
Ion Ratio Lower Upper
178 100
176 19.0 15.8 23.8
179 15.5 12.6 19.0



#72
Anthracene
Concen: 52.740 ng
RT: 11.469 min Scan# 1594
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

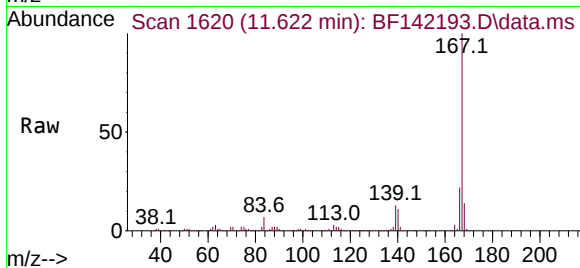
Tgt Ion:178 Resp: 865103
Ion Ratio Lower Upper
178 100
176 18.6 15.1 22.7
179 15.7 12.6 19.0



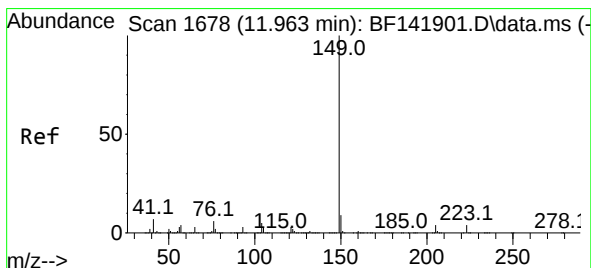
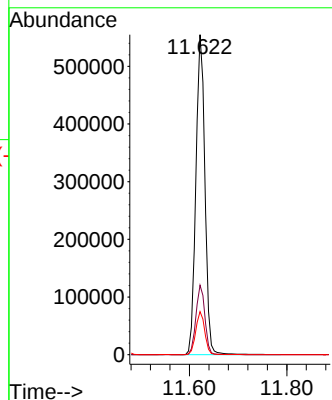
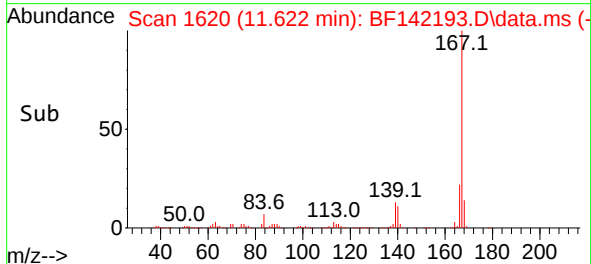


#73
 Carbazole
 Concen: 50.866 ng
 RT: 11.622 min Scan# 1620
 Delta R.T. -0.012 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26

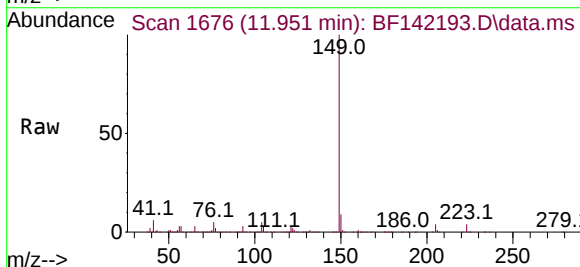
Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-01MSD



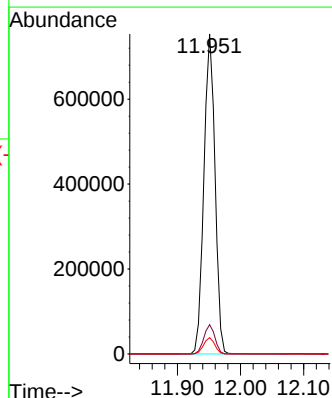
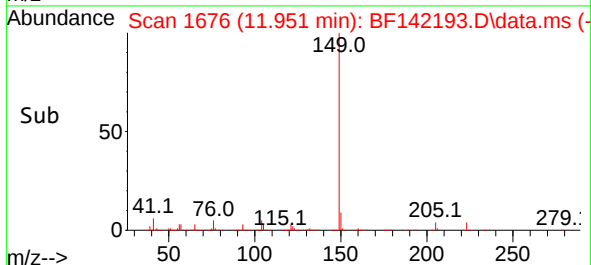
Tgt Ion:167 Resp: 719558
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.4 26.2
 139 13.4 11.0 16.6

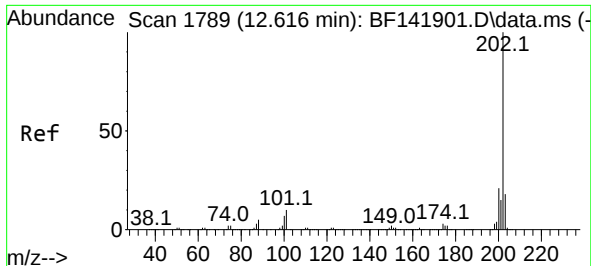


#74
 Di-n-butylphthalate
 Concen: 49.101 ng
 RT: 11.951 min Scan# 1676
 Delta R.T. -0.012 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26



Tgt Ion:149 Resp: 921648
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 5.1 4.4 6.6

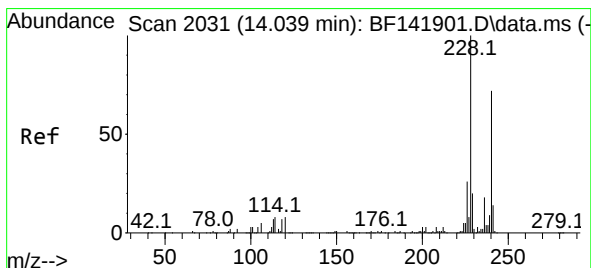
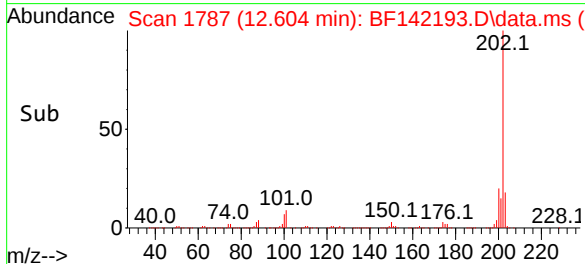
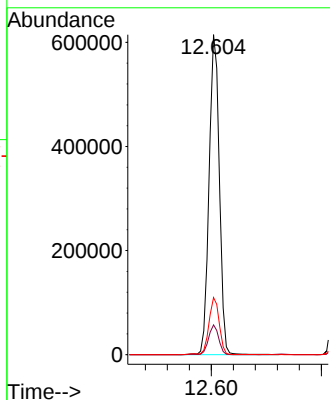
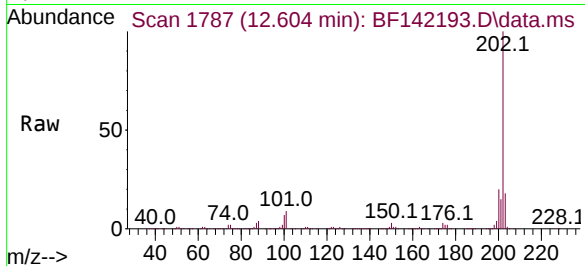




#75
Fluoranthene
Concen: 45.800 ng
RT: 12.604 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

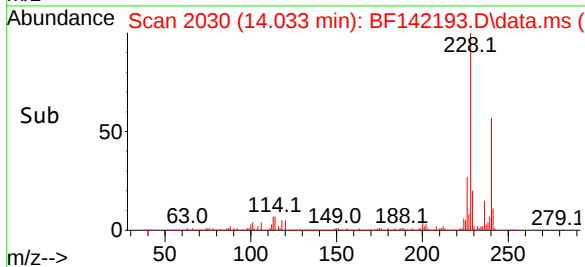
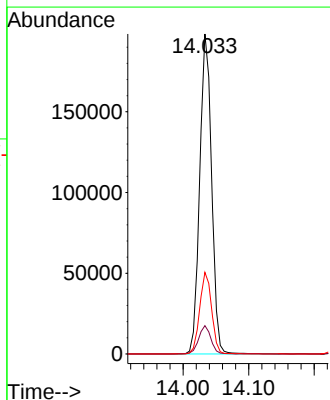
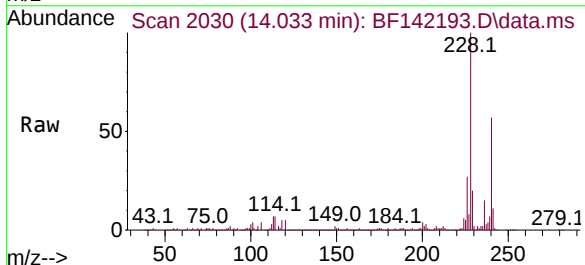
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

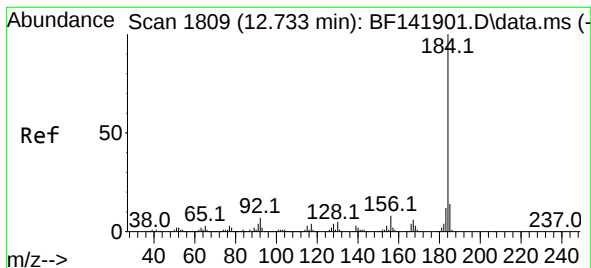
Tgt Ion:202 Resp: 794327
Ion Ratio Lower Upper
202 100
101 9.3 0.0 29.7
203 17.9 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.033 min Scan# 2030
Delta R.T. -0.006 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:240 Resp: 250446
Ion Ratio Lower Upper
240 100
120 8.9 8.4 12.6
236 25.5 20.5 30.7





#77

Benzidine

Concen: 55.780 ng

RT: 12.727 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

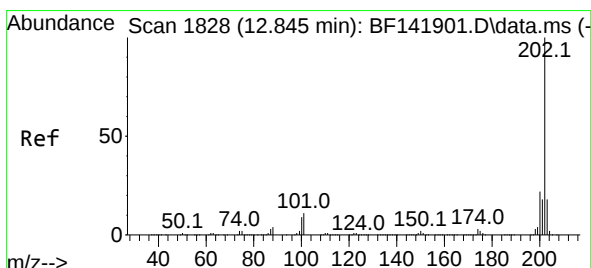
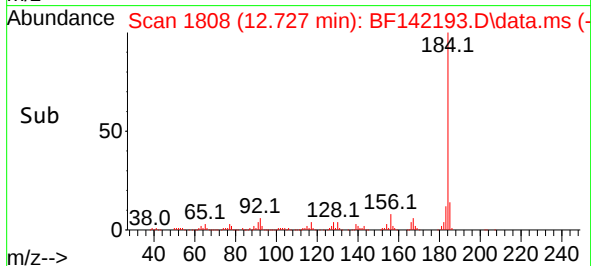
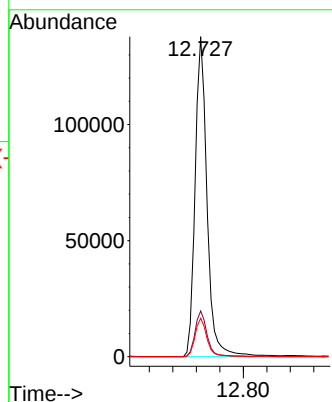
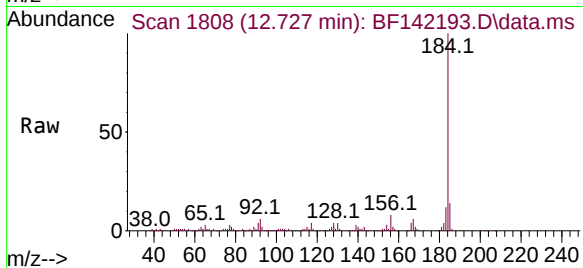
Tgt Ion:184 Resp: 194905

Ion Ratio Lower Upper

184 100

185 14.3 11.5 17.3

183 12.0 9.7 14.5



#78

Pyrene

Concen: 37.531 ng

RT: 12.833 min Scan# 1826

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

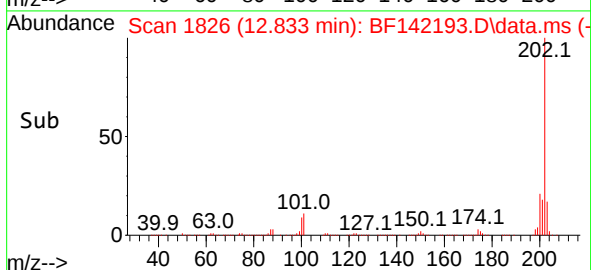
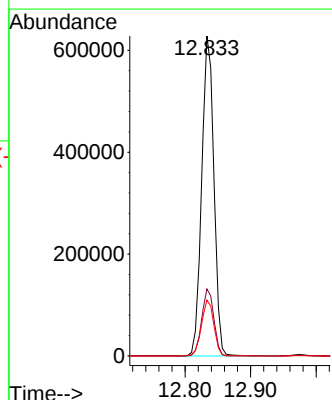
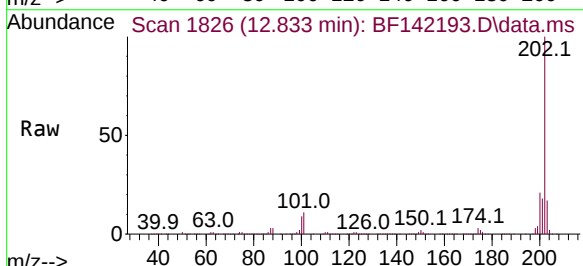
Tgt Ion:202 Resp: 813070

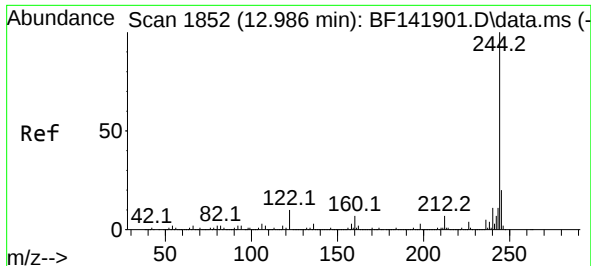
Ion Ratio Lower Upper

202 100

200 20.9 17.3 25.9

203 17.5 14.4 21.6

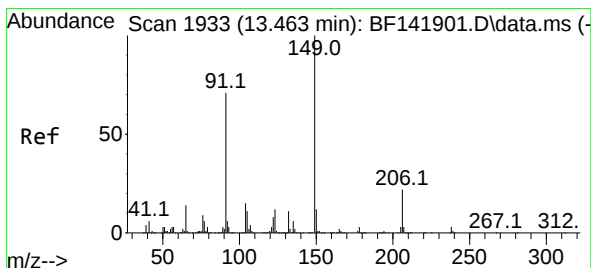
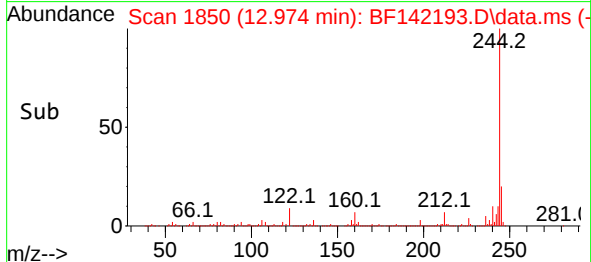
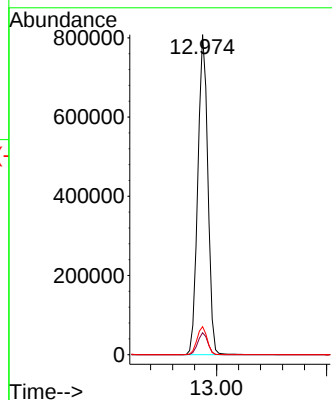
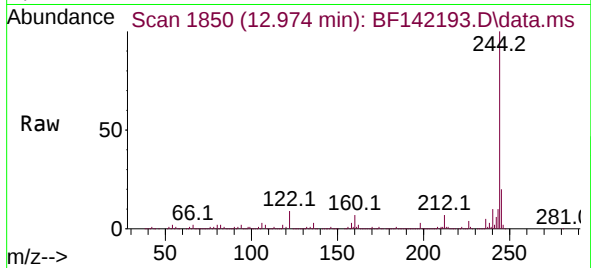




#79
 Terphenyl-d14
 Concen: 60.381 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.012 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26

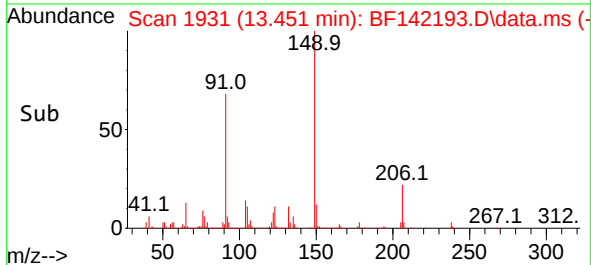
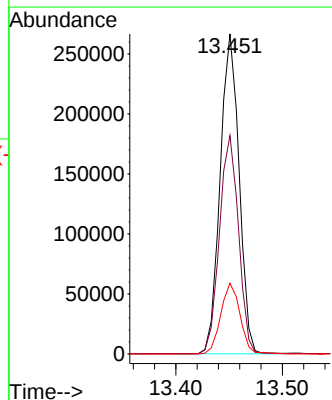
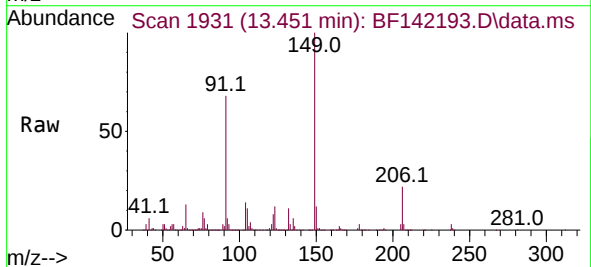
Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-01MSD

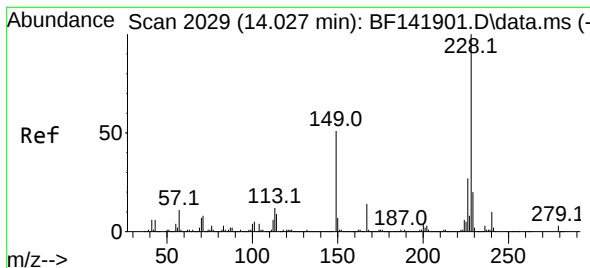
Tgt Ion:244 Resp: 1022832
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 8.8 7.7 11.5



#80
 Butylbenzylphthalate
 Concen: 38.702 ng
 RT: 13.451 min Scan# 1931
 Delta R.T. -0.012 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26

Tgt Ion:149 Resp: 328166
 Ion Ratio Lower Upper
 149 100
 91 68.2 56.5 84.7
 206 22.1 17.3 25.9





#81

Benzo(a)anthracene

Concen: 53.334 ng

RT: 14.021 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

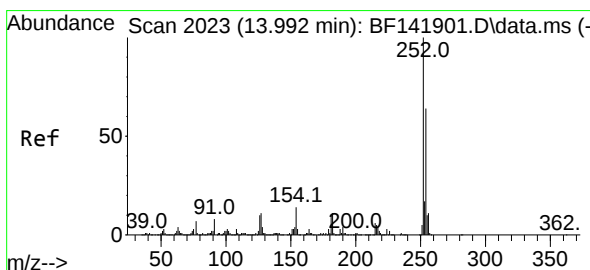
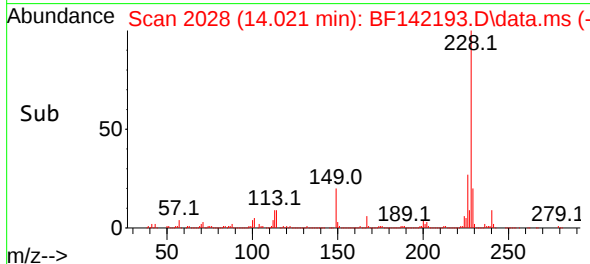
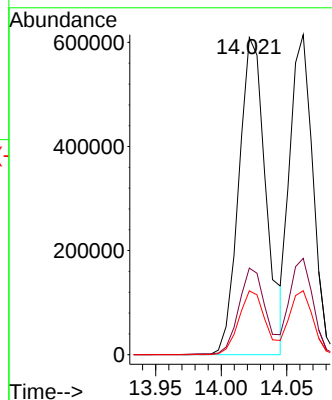
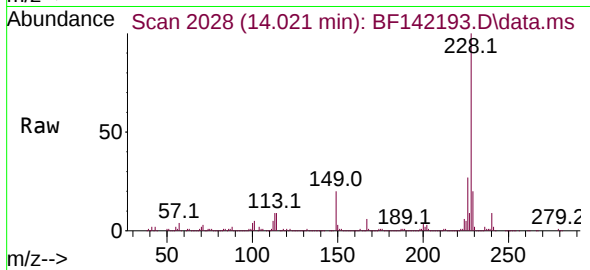
Tgt Ion:228 Resp: 876517

Ion Ratio Lower Upper

228 100

226 27.3 21.8 32.8

229 20.1 16.0 24.0



#82

3,3'-Dichlorobenzidine

Concen: 24.766 ng

RT: 13.986 min Scan# 2022

Delta R.T. -0.006 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

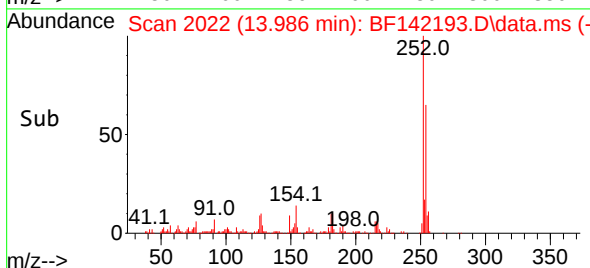
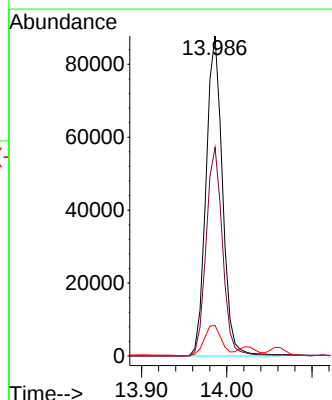
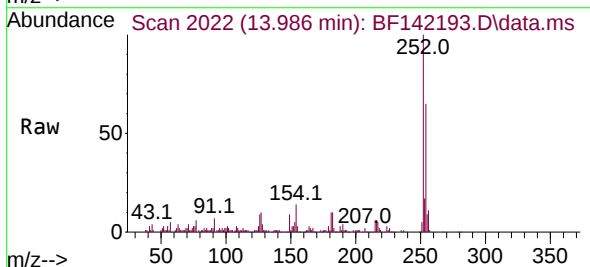
Tgt Ion:252 Resp: 117620

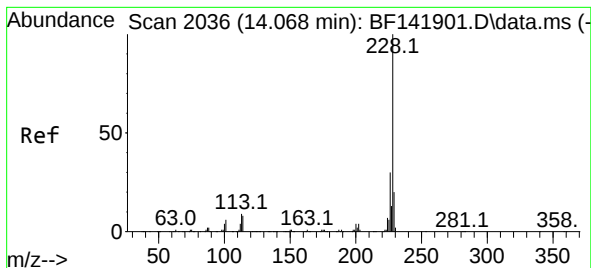
Ion Ratio Lower Upper

252 100

254 65.2 51.0 76.6

126 9.5 8.4 12.6





#83

Chrysene

Concen: 50.362 ng

RT: 14.063 min Scan# 2036

Delta R.T. -0.006 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

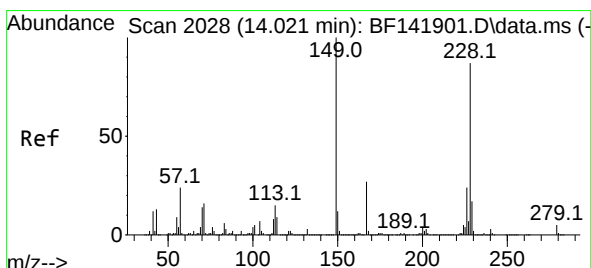
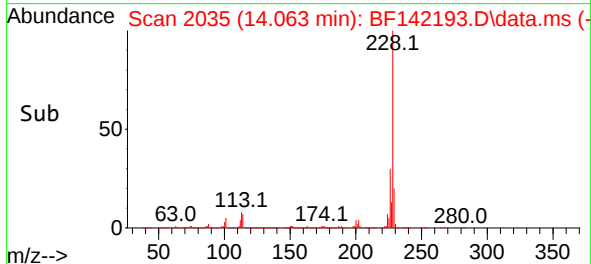
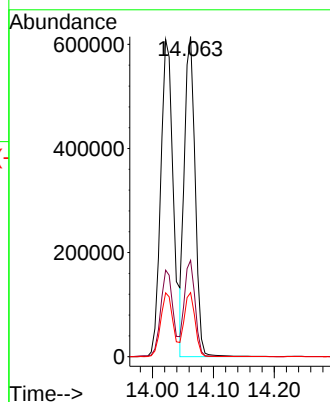
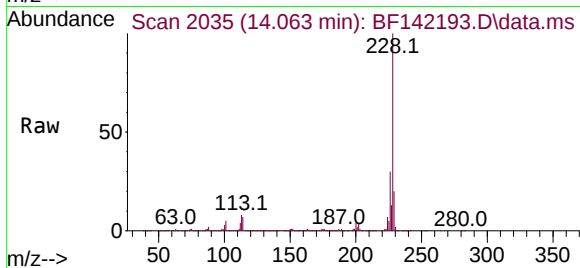
Tgt Ion:228 Resp: 750250

Ion Ratio Lower Upper

228 100

226 30.1 24.1 36.1

229 20.0 15.7 23.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.465 ng

RT: 14.010 min Scan# 2026

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

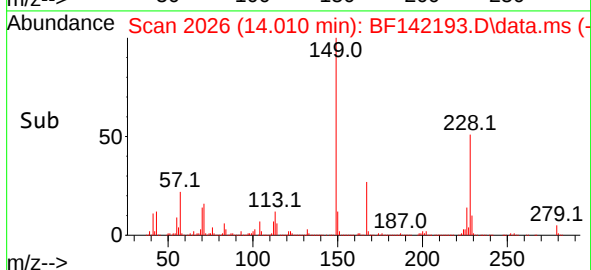
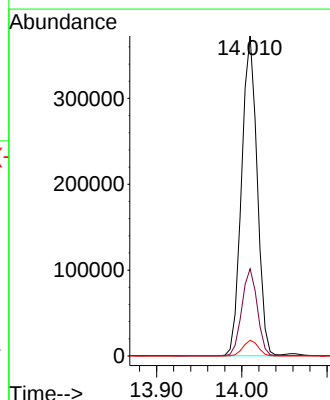
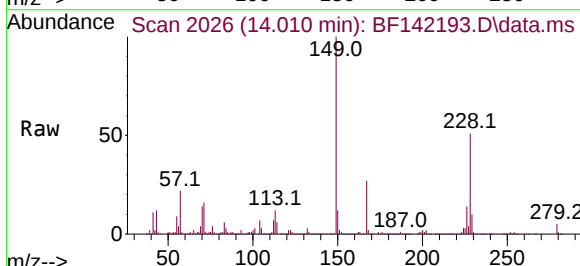
Tgt Ion:149 Resp: 473080

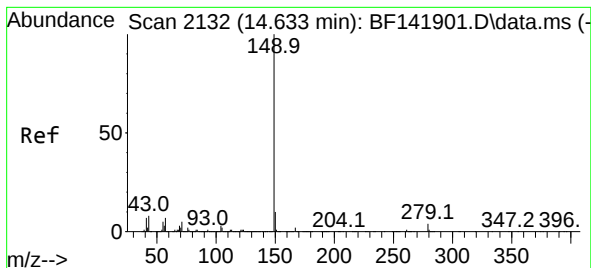
Ion Ratio Lower Upper

149 100

167 27.3 21.4 32.0

279 4.9 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.218 ng

RT: 14.621 min Scan# 21

Delta R.T. -0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

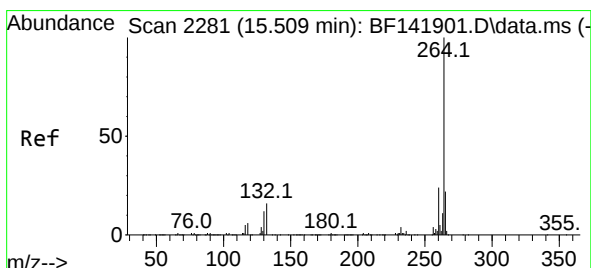
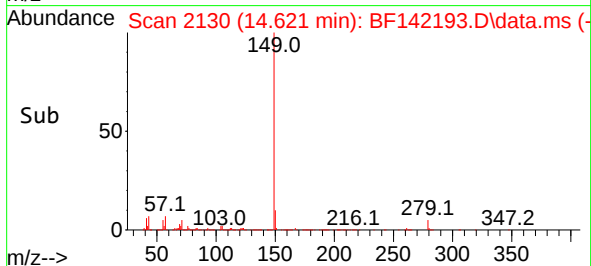
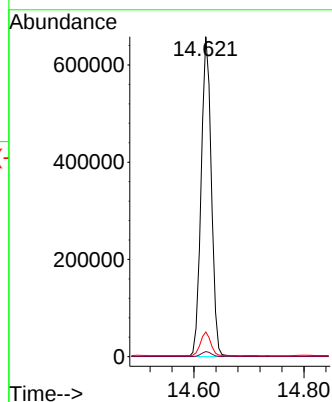
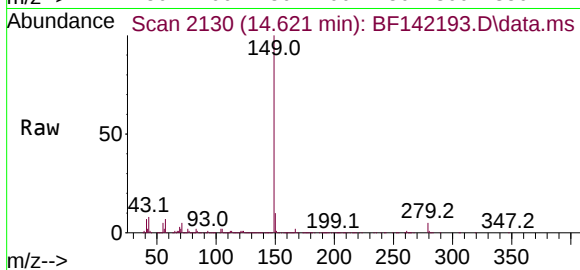
Tgt Ion:149 Resp: 849429

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 7.4 6.9 10.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.510 min Scan# 2281

Delta R.T. 0.000 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

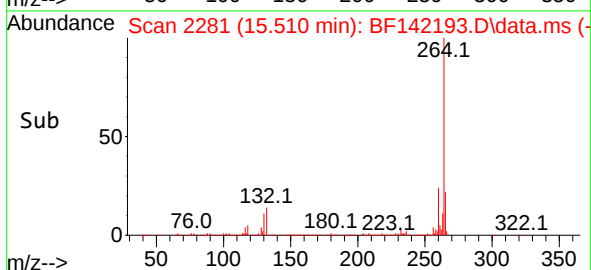
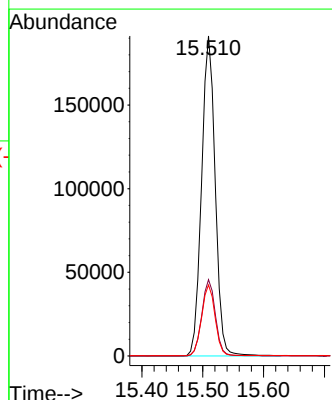
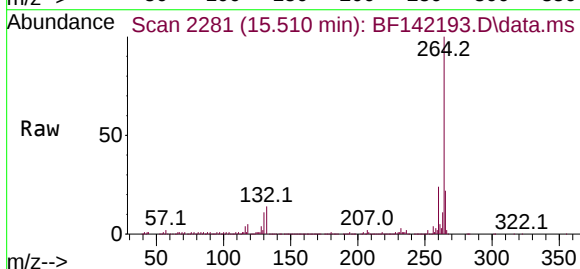
Tgt Ion:264 Resp: 298419

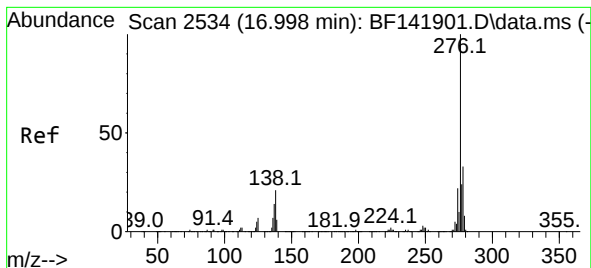
Ion Ratio Lower Upper

264 100

260 23.8 19.1 28.7

265 22.2 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 50.019 ng

RT: 17.009 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

Instrument :

BNA_F

ClientSampleId :

P001-BBDGA-001-01MSD

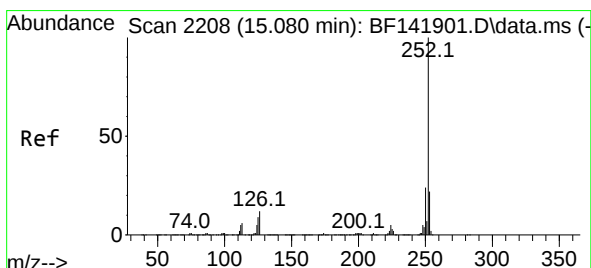
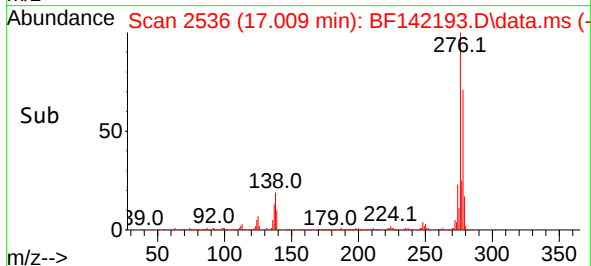
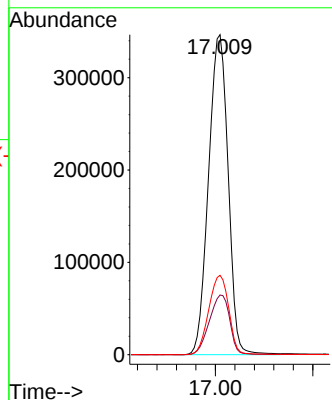
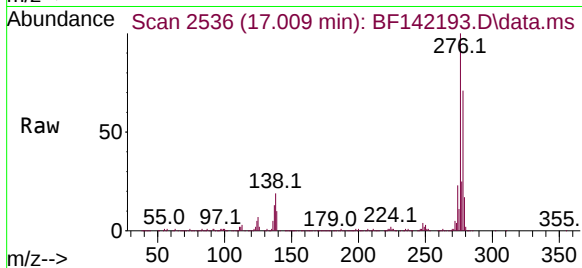
Tgt Ion:276 Resp: 965576

Ion Ratio Lower Upper

276 100

138 19.5 18.4 27.6

277 25.5 20.3 30.5



#88

Benzo(b)fluoranthene

Concen: 45.317 ng

RT: 15.080 min Scan# 2208

Delta R.T. 0.000 min

Lab File: BF142193.D

Acq: 31 Mar 2025 21:26

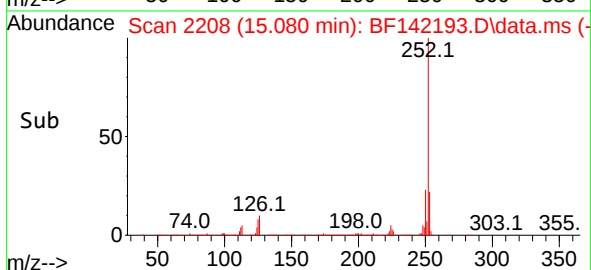
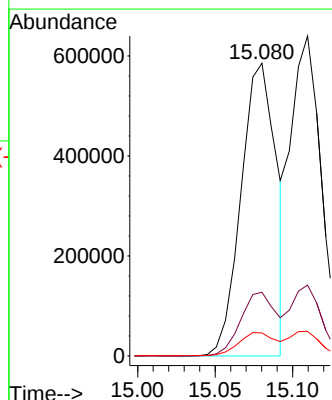
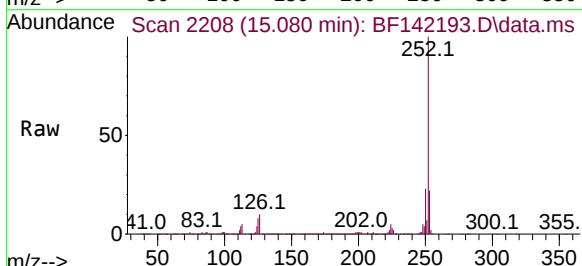
Tgt Ion:252 Resp: 926845

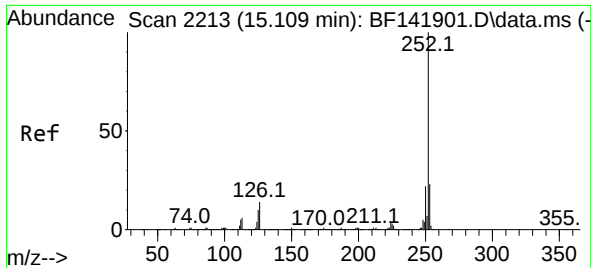
Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

125 7.9 7.0 10.4

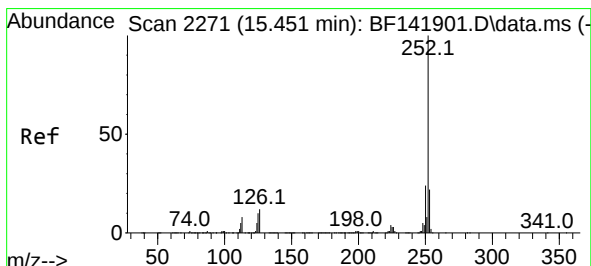
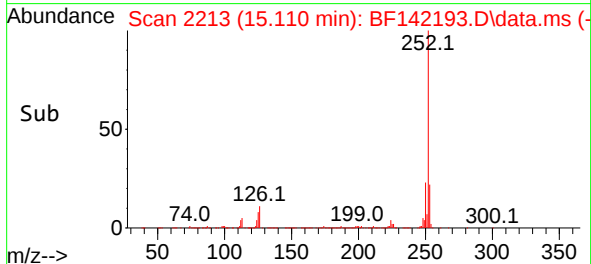
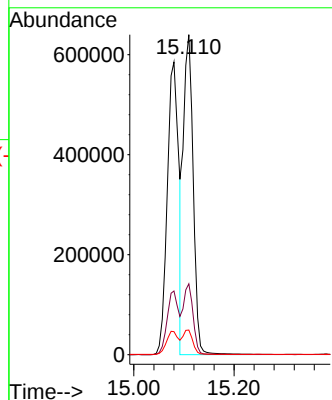
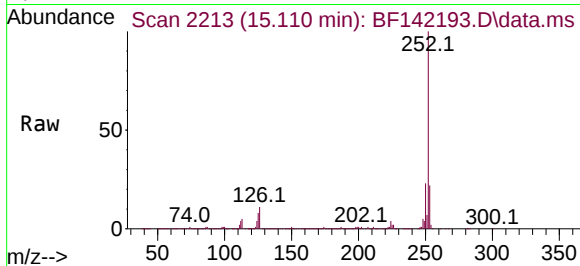




#89
Benzo(k)fluoranthene
Concen: 50.027 ng
RT: 15.110 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

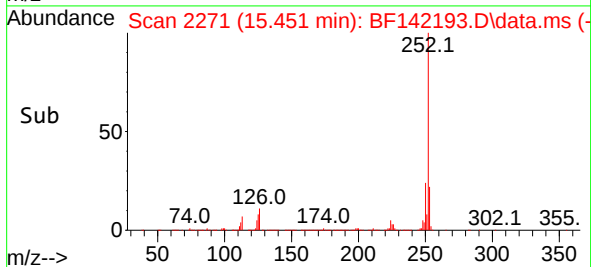
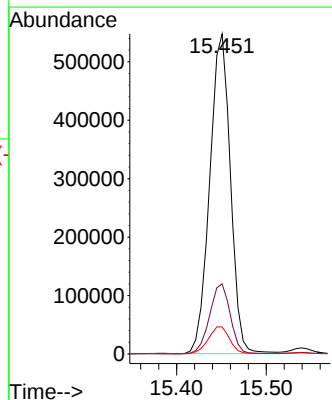
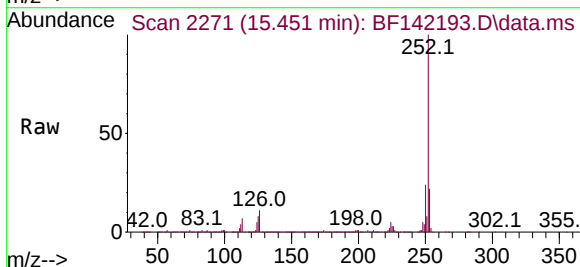
Instrument :
BNA_F
ClientSampleId :
P001-BBDGA-001-01MSD

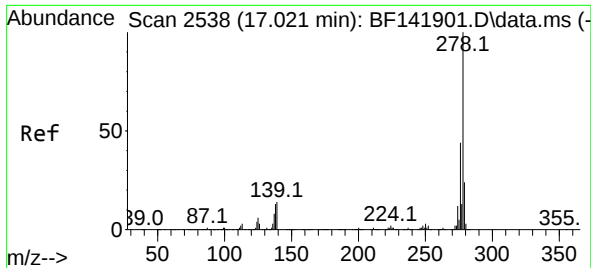
Tgt Ion:252 Resp: 875597
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 7.7 7.2 10.8



#90
Benzo(a)pyrene
Concen: 54.855 ng
RT: 15.451 min Scan# 2271
Delta R.T. 0.000 min
Lab File: BF142193.D
Acq: 31 Mar 2025 21:26

Tgt Ion:252 Resp: 877850
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.0
125 8.4 7.8 11.8

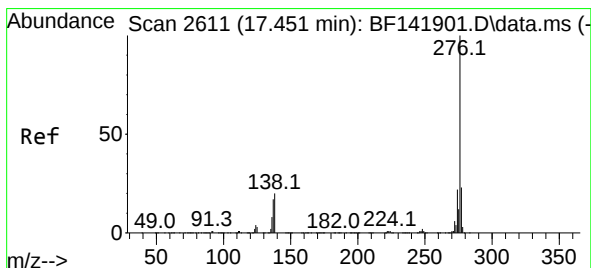
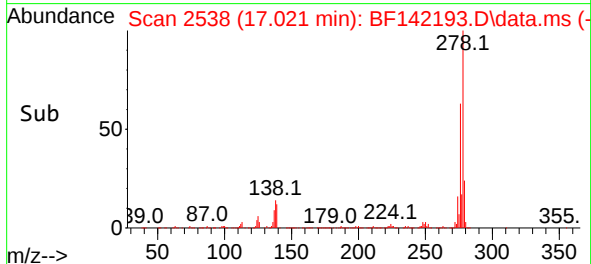
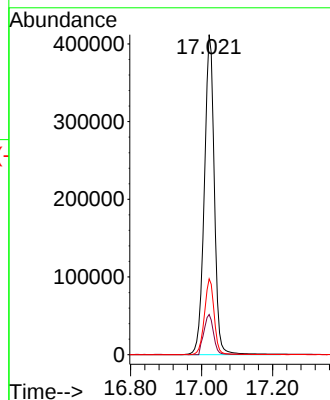
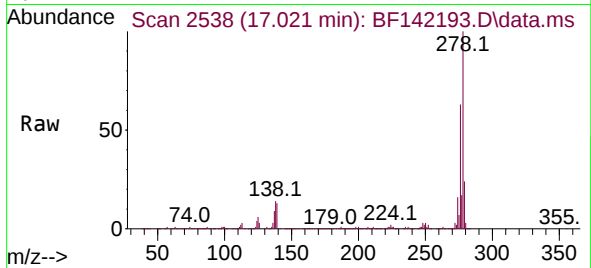




#91
 Dibenzo(a,h)anthracene
 Concen: 50.690 ng
 RT: 17.021 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26

Instrument :
 BNA_F
 ClientSampleId :
 P001-BBDGA-001-01MSD

Tgt Ion:278 Resp: 807366
 Ion Ratio Lower Upper
 278 100
 139 12.5 11.4 17.2
 279 23.7 18.8 28.2



#92
 Benzo(g,h,i)perylene
 Concen: 44.964 ng
 RT: 17.456 min Scan# 2612
 Delta R.T. 0.006 min
 Lab File: BF142193.D
 Acq: 31 Mar 2025 21:26

Tgt Ion:276 Resp: 707713
 Ion Ratio Lower Upper
 276 100
 277 23.1 18.7 28.1
 138 16.6 15.8 23.8

