

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF012925\
 Data File : BF141299.D
 Acq On : 29 Jan 2025 18:24
 Operator : RC/JU
 Sample : PB166167BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

Quant Time: Jan 30 03:16:48 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jan 29 17:41:25 2025
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	134190	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	540381	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	292896	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	508597	20.000	ng	0.00
76) Chrysene-d12	13.963	240	324932	20.000	ng	-0.01
86) Perylene-d12	15.416	264	263155	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.416	112	1123090	128.487	ng	0.00
7) Phenol-d6	6.428	99	1389970	125.003	ng	-0.01
23) Nitrobenzene-d5	7.357	82	911417	88.913	ng	-0.01
42) 2,4,6-Tribromophenol	10.628	330	344176	128.176	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	1647101	86.556	ng	0.00
79) Terphenyl-d14	12.916	244	1861437	88.347	ng	0.00
Target Compounds						Qvalue
3) Pyridine	3.481	79	1782	0.192	ng	# 91
6) Aniline	6.457	93	2313	0.246	ng	# 72
8) 2-Chlorophenol	6.575	128	228	0.024	ng	# 32
9) Benzaldehyde	6.351	77	57	0.009	ng	# 1
10) Phenol	6.434	94	776	0.066	ng	# 1
11) bis(2-Chloroethyl)ether	6.457	93	2313	0.256	ng	# 24
15) Benzyl Alcohol	6.798	79	3615	0.476	ng	# 28
16) 2,2'-oxybis(1-Chloropr...	7.346	45	61	0.004	ng	# 1
19) n-Nitroso-di-n-propyla...	7.357	70	121950	18.457	ng	# 75
24) Nitrobenzene	7.357	77	2455	0.231	ng	# 31
25) Isophorone	7.357	82	897441	50.648	ng	# 64
28) bis(2-Chloroethoxy)met...	8.081	93	54	0.005	ng	# 1
31) Naphthalene	8.098	128	349	0.012	ng	# 69
33) 4-Chloroaniline	8.157	127	1629	0.168	ng	# 97
36) 4-Chloro-3-methylphenol	8.634	107	172	0.021	ng	# 52
37) 2-Methylnaphthalene	8.792	142	126	0.007	ng	# 5
38) 1-Methylnaphthalene	8.792	142	126	0.007	ng	# 4
46) 1,1'-Biphenyl	9.251	154	300	0.013	ng	# 43
47) 2-Chloronaphthalene	9.281	162	128	0.007	ng	# 37
48) 2-Nitroaniline	9.157	65	2806	0.501	ng	# 1
49) Acenaphthylene	9.692	152	219	0.009	ng	# 60
50) Dimethylphthalate	9.834	163	43886	2.218	ng	# 1
51) 2,6-Dinitrotoluene	9.834	165	38086	8.292	ng	# 24
52) Acenaphthene	9.834	154	1175	0.066	ng	# 5
55) Dibenzofuran	10.039	168	223	0.009	ng	# 44
57) 2,4-Dinitrotoluene	9.834	165	38086	6.404	ng	# 23
58) Fluorene	10.622	166	15923	0.861	ng	# 89
63) Azobenzene	10.539	77	345	0.018	ng	# 47
65) 4,6-Dinitro-2-methylph...	10.622	198	819	0.272	ng	# 1
66) n-Nitrosodiphenylamine	10.622	169	11330	0.689	ng	# 45
67) 4-Bromophenyl-phenylether	10.622	248	23532	4.133	ng	# 1
71) Phenanthrene	11.345	178	534	0.020	ng	# 60
72) Anthracene	11.392	178	346	0.013	ng	# 60
73) Carbazole	11.563	167	300	0.013	ng	# 59
74) Di-n-butylphthalate	11.892	149	417	0.014	ng	# 78
75) Fluoranthene	12.539	202	406	0.015	ng	# 64

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Sample : PB166167BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

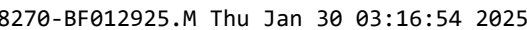
Instrument :
BNA_F
ClientSampleId :
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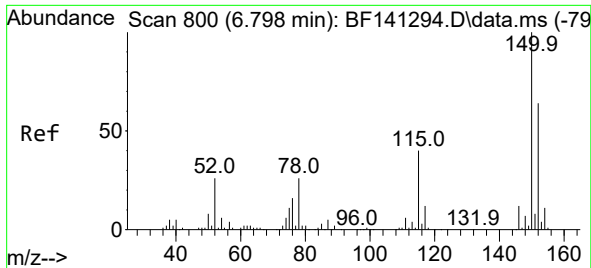
Quant Time: Jan 30 03:16:48 2025
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF012925.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 29 17:41:25 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
77) Benzidine	12.663	184	4975	0.478	ng	96
78) Pyrene	12.769	202	916	0.029	ng #	77
81) Benzo(a)anthracene	13.963	228	1507	0.067	ng #	64
83) Chrysene	13.963	228	1507	0.073	ng #	61
85) Di-n-octyl phthalate	14.569	149	182	0.008	ng #	1
88) Benzo(b)fluoranthene	15.004	252	347	0.021	ng #	60
89) Benzo(k)fluoranthene	15.004	252	347	0.024	ng #	60
90) Benzo(a)pyrene	15.416	252	883	0.063	ng #	69

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

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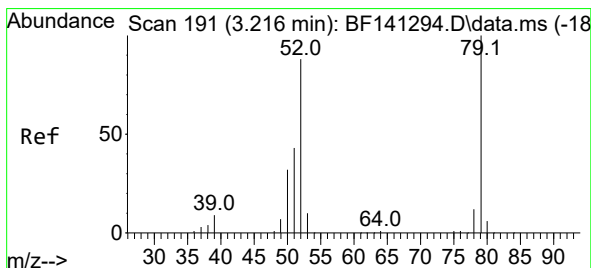
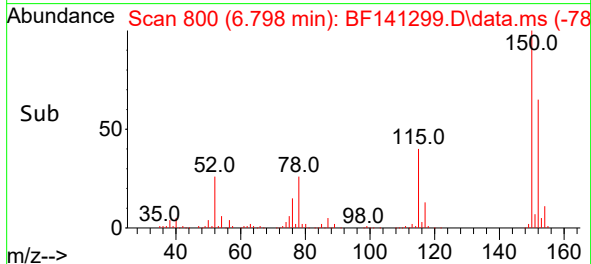
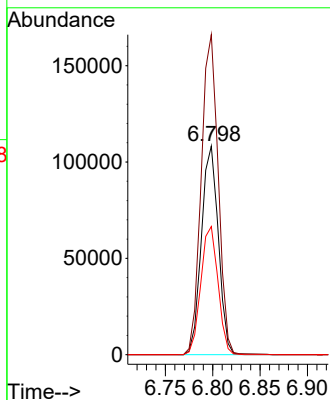
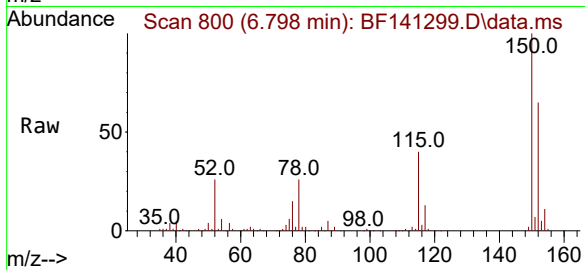




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.798 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

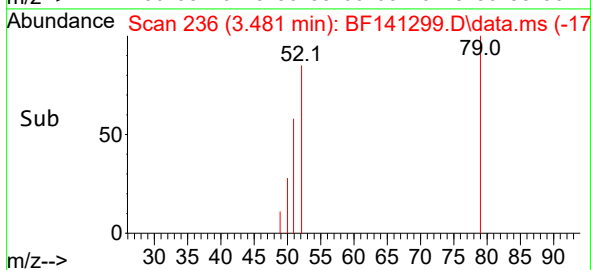
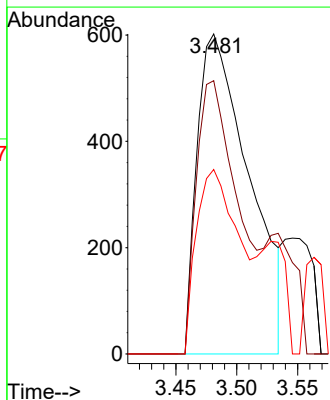
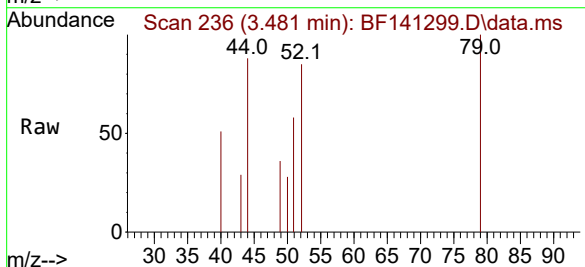
Instrument :
BNA_F
ClientSampleId :
PB166167BL

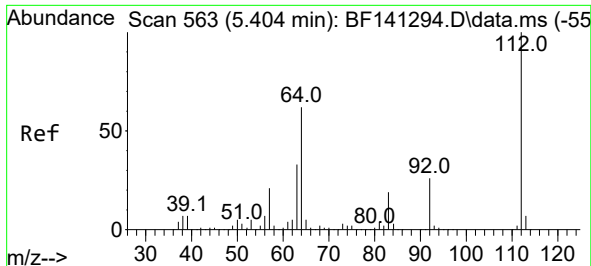
Tgt Ion:152 Resp: 134190
Ion Ratio Lower Upper
152 100
150 153.4 125.9 188.9
115 61.4 49.7 74.5



#3
Pyridine
Concen: 0.192 ng
RT: 3.481 min Scan# 236
Delta R.T. 0.253 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 79 Resp: 1782
Ion Ratio Lower Upper
79 100
52 85.4 70.3 105.5
51 57.6 34.3 51.5#

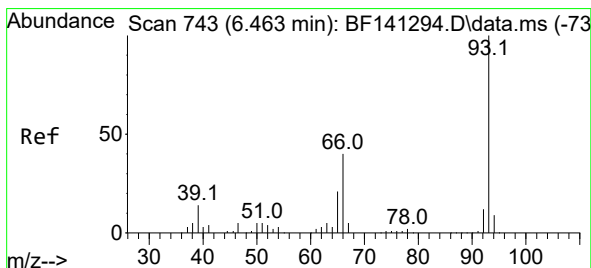
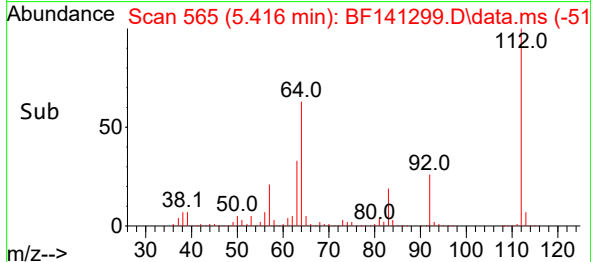
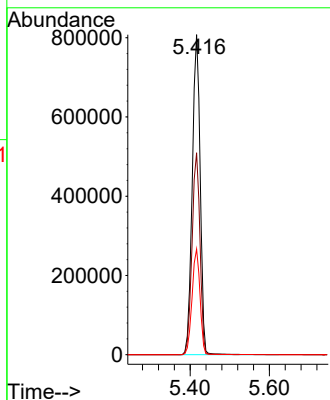
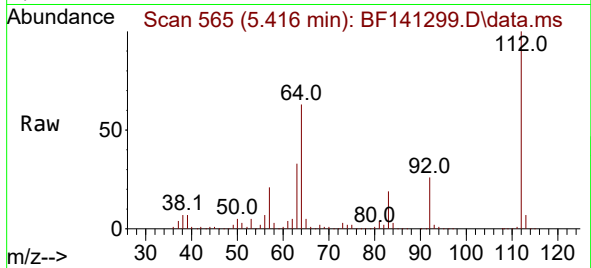




#5
2-Fluorophenol
Concen: 128.487 ng
RT: 5.416 min Scan# 50
Delta R.T. 0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

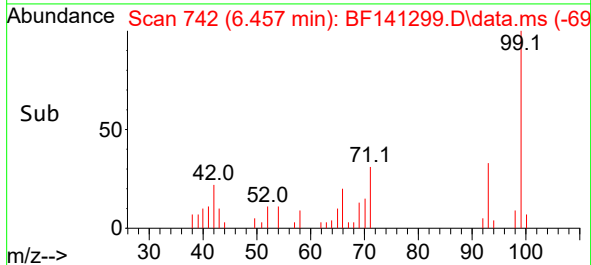
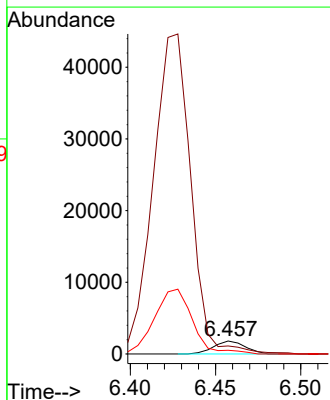
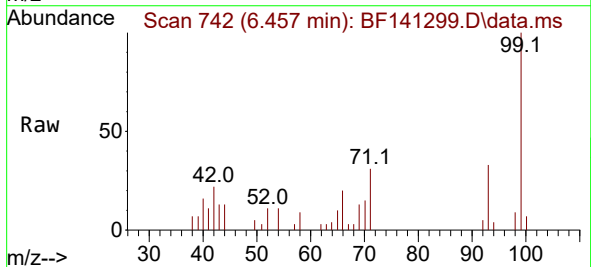
Instrument :
BNA_F
ClientSampleId :
PB166167BL

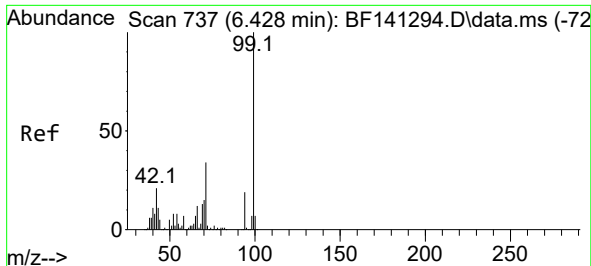
Tgt Ion:112 Resp: 1123090
Ion Ratio Lower Upper
112 100
64 63.1 49.8 74.8
63 33.0 26.1 39.1



#6
Aniline
Concen: 0.246 ng
RT: 6.457 min Scan# 742
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 93 Resp: 2313
Ion Ratio Lower Upper
93 100
66 61.4 32.5 48.7#
65 29.0 17.0 25.6#





#7

Phenol-d6

Concen: 125.003 ng

RT: 6.428 min Scan# 71

Delta R.T. -0.012 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

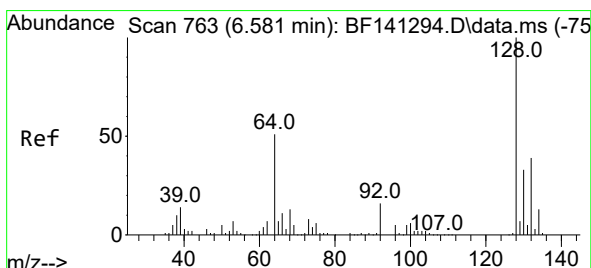
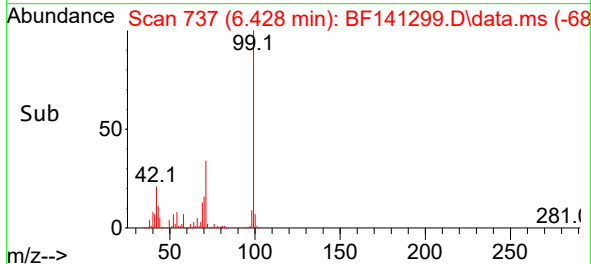
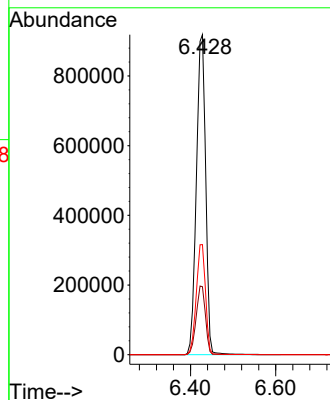
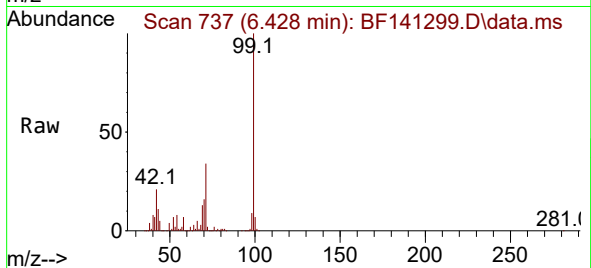
BNA_F

ClientSampleId :

PB166167BL

Tgt Ion: 99 Resp: 1389970

Ion	Ratio	Lower	Upper
99	100		
42	21.2	17.1	25.7
71	34.4	26.9	40.3



#8

2-Chlorophenol

Concen: 0.024 ng

RT: 6.575 min Scan# 762

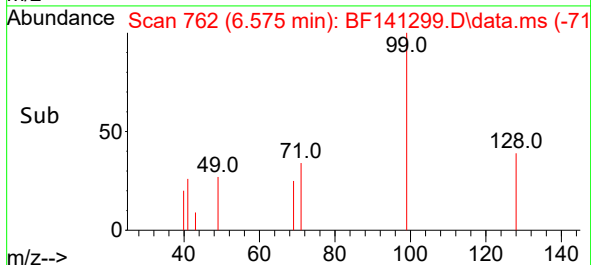
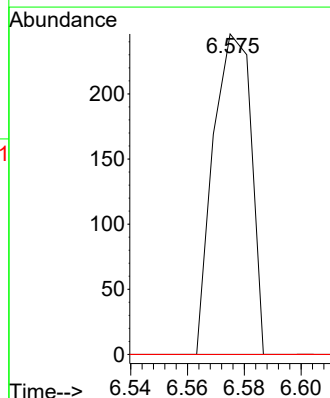
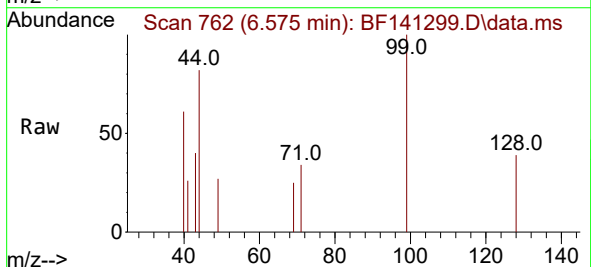
Delta R.T. -0.018 min

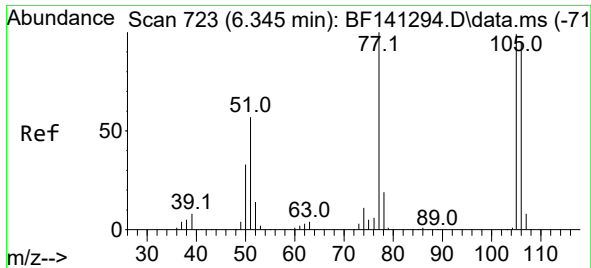
Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Tgt Ion:128 Resp: 228

Ion	Ratio	Lower	Upper
128	100		
130	0.0	12.5	52.5#
64	0.0	32.9	72.9#

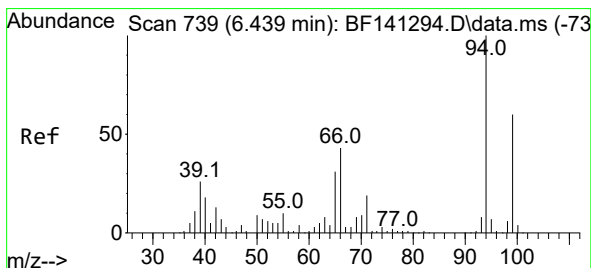
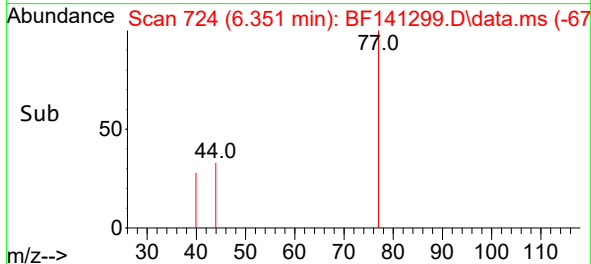
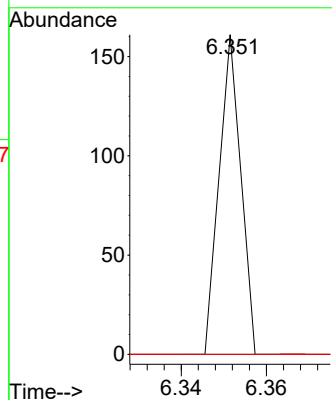
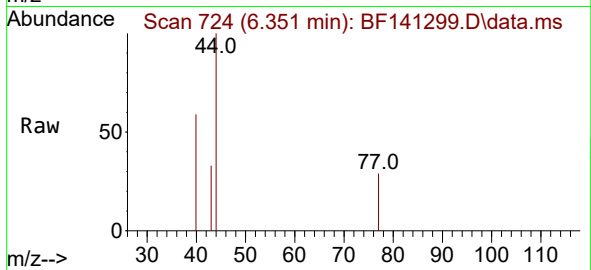




#9
Benzaldehyde
Concen: 0.009 ng
RT: 6.351 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

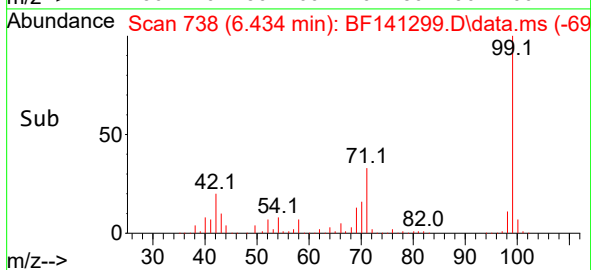
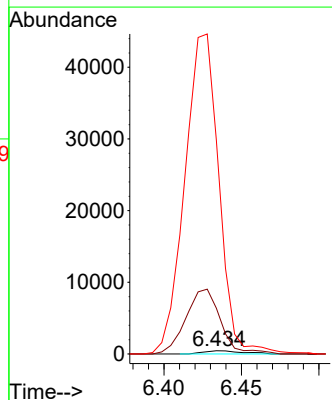
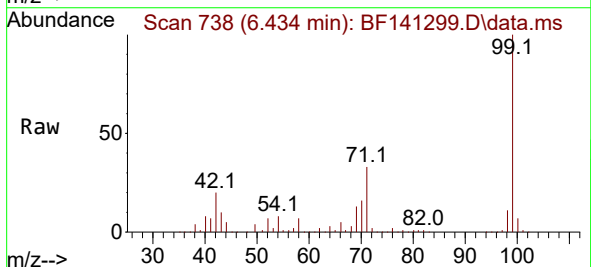
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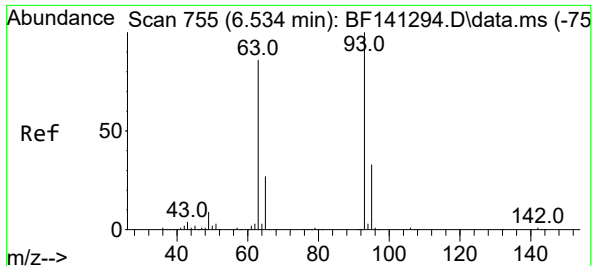
Tgt Ion: 77 Resp: 57
Ion Ratio Lower Upper
77 100
105 0.0 79.4 119.4#
106 0.0 74.6 114.6#



#10
Phenol
Concen: 0.066 ng
RT: 6.434 min Scan# 738
Delta R.T. -0.018 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 94 Resp: 776
Ion Ratio Lower Upper
94 100
65 1461.1 10.8 50.8#
66 6826.5 23.3 63.3#





#11

bis(2-Chloroethyl)ether

Concen: 0.256 ng

RT: 6.457 min Scan# 74

Delta R.T. -0.088 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

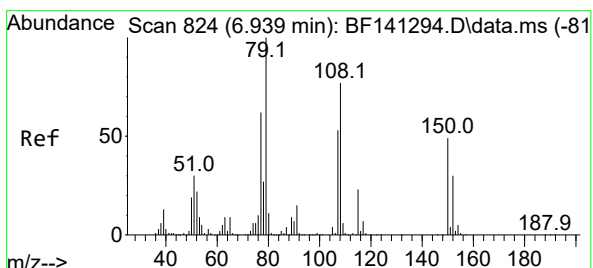
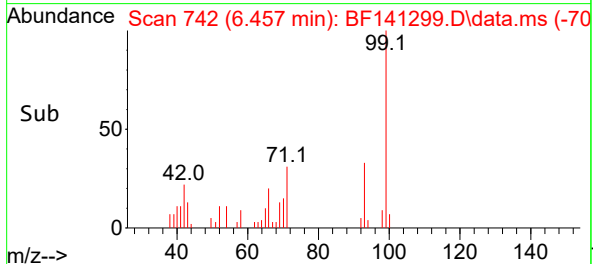
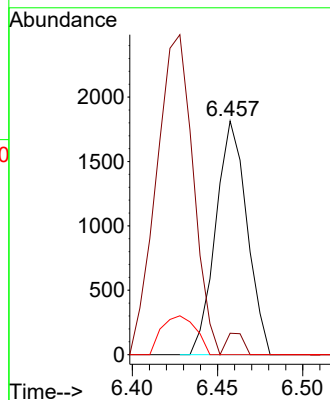
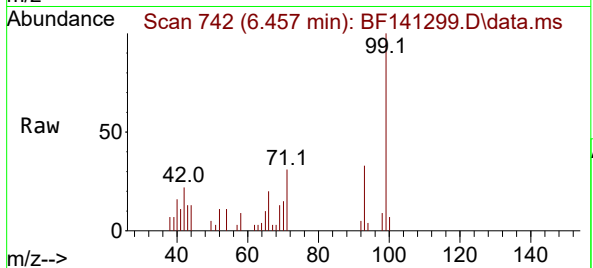
Tgt Ion: 93 Resp: 2313

Ion Ratio Lower Upper

93 100

63 9.2 65.0 105.0#

95 0.0 12.4 52.4#



#15

Benzyl Alcohol

Concen: 0.476 ng

RT: 6.798 min Scan# 800

Delta R.T. -0.147 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

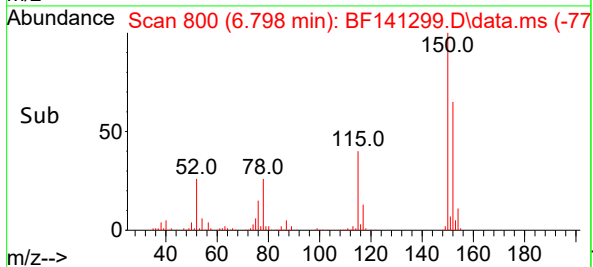
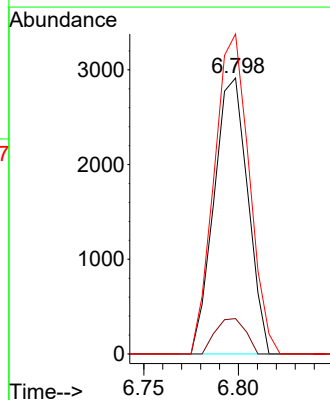
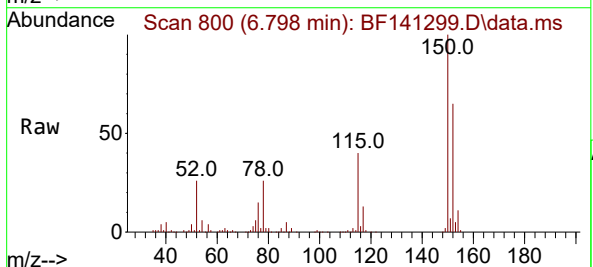
Tgt Ion: 79 Resp: 3615

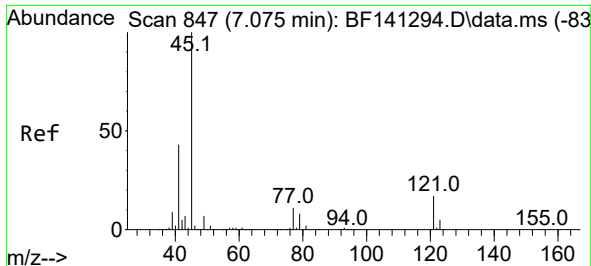
Ion Ratio Lower Upper

79 100

108 12.8 61.4 92.0#

77 115.9 49.9 74.9#

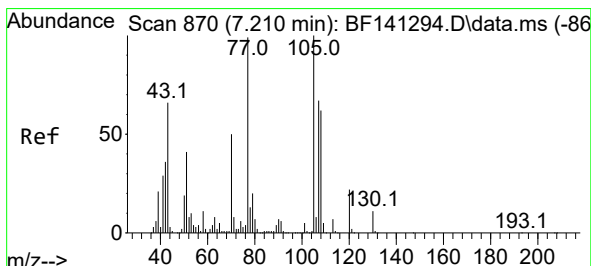
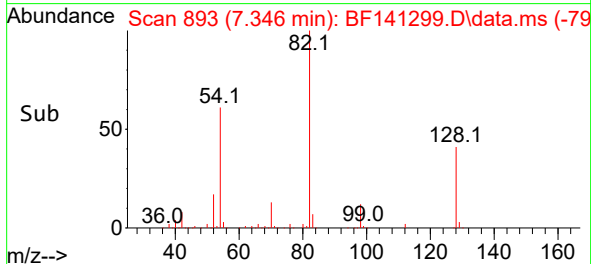
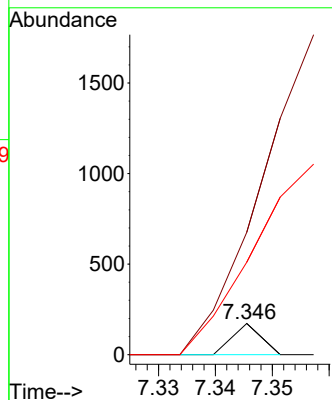
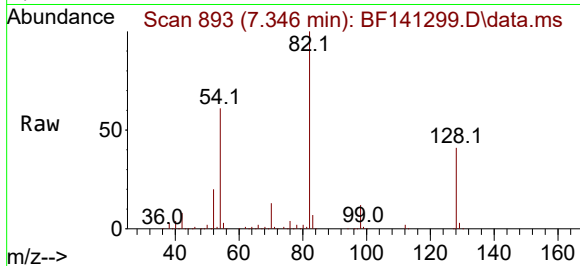




#16
2,2'-oxybis(1-Chloropropane)
Concen: 0.004 ng
RT: 7.346 min Scan# 893
Delta R.T. 0.265 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

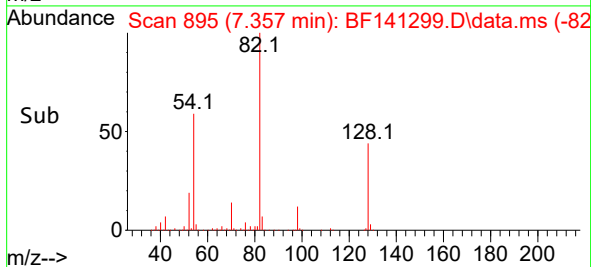
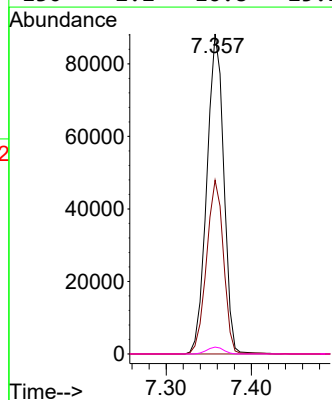
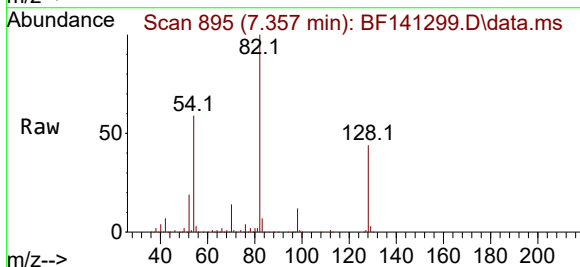
Instrument :
BNA_F
ClientSampleId :
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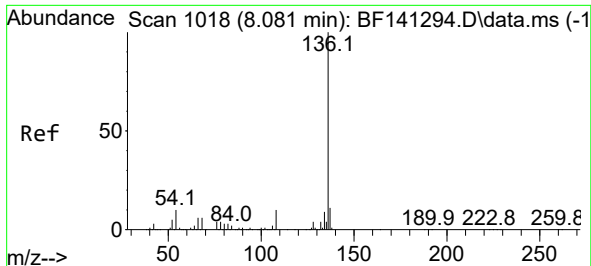
Tgt Ion: 45 Resp: 61
Ion Ratio Lower Upper
45 100
77 393.0 0.0 31.8#
79 297.1 0.0 29.1#



#19
n-Nitroso-di-n-propylamine
Concen: 18.457 ng
RT: 7.357 min Scan# 895
Delta R.T. 0.129 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 70 Resp: 121950
Ion Ratio Lower Upper
70 100
42 54.3 56.8 85.2#
101 0.0 7.7 11.5#
130 2.2 16.8 25.2#



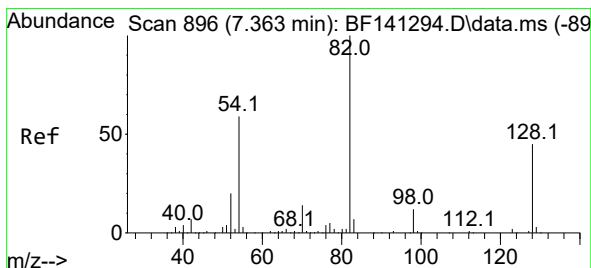
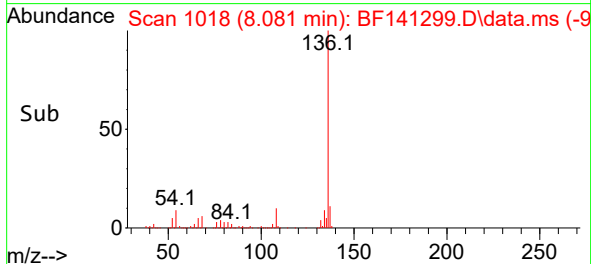
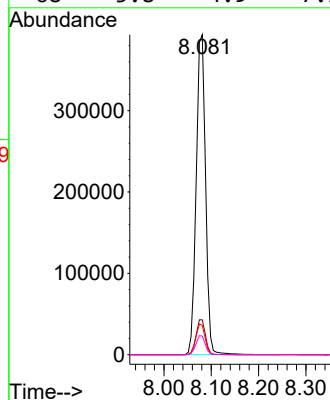
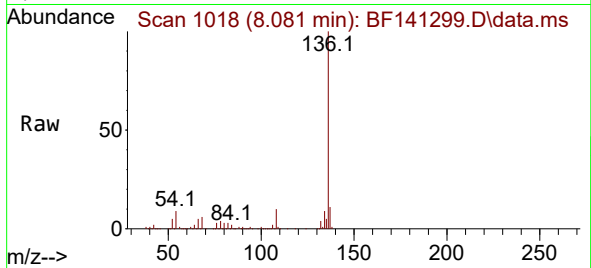


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Instrument :
BNA_F
ClientSampleId :
PB166167BL

Tgt Ion:136 Resp: 540381

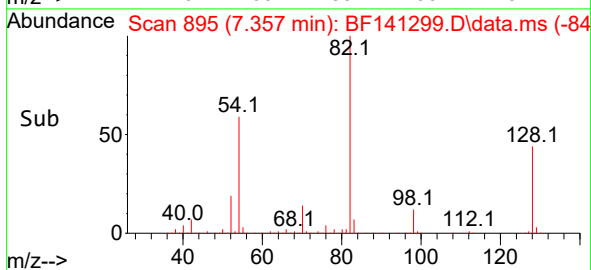
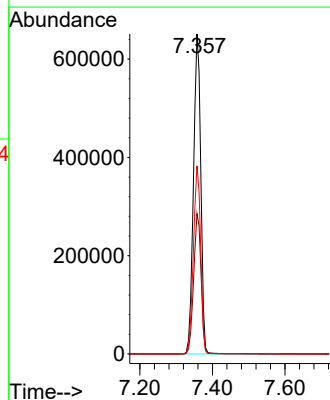
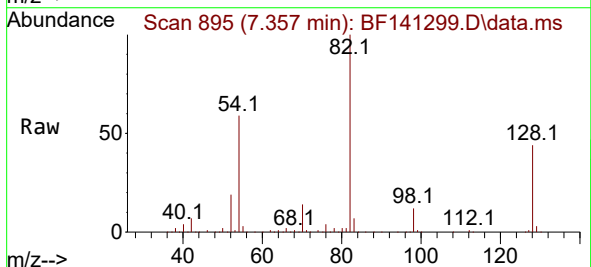
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.2	7.8	11.8
68	5.8	4.9	7.3

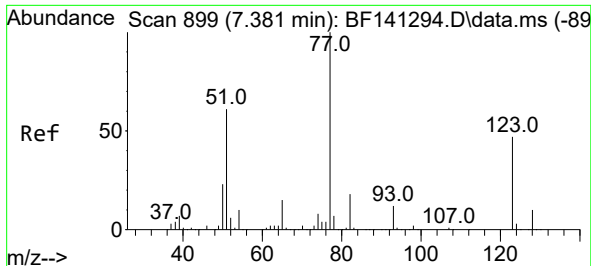


#23
Nitrobenzene-d5
Concen: 88.913 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 82 Resp: 911417

Ion	Ratio	Lower	Upper
82	100		
128	43.9	35.7	53.5
54	58.8	47.1	70.7

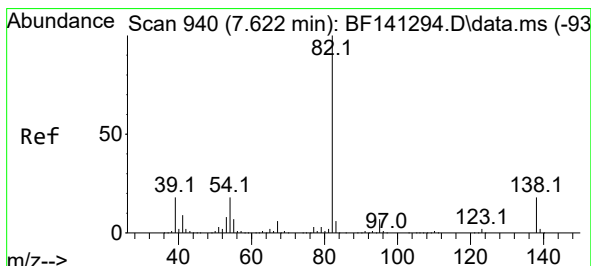
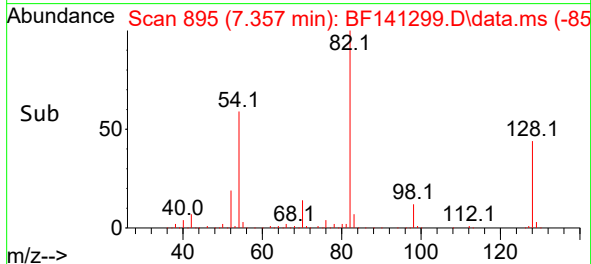
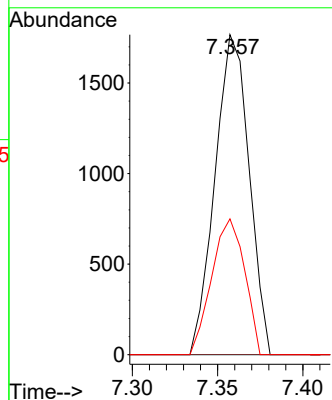
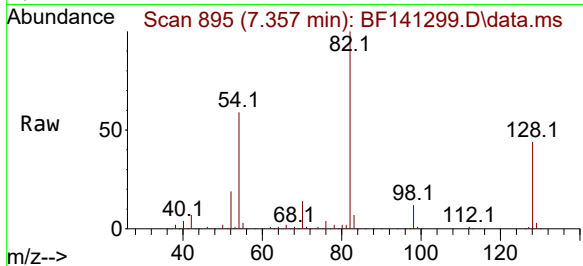




#24
Nitrobenzene
Concen: 0.231 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.035 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

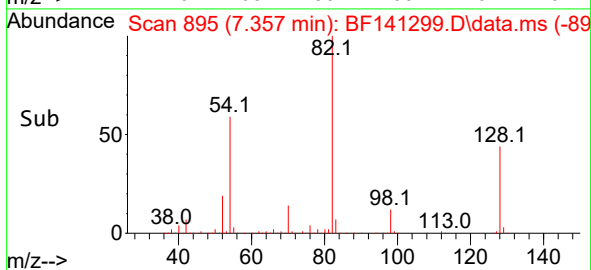
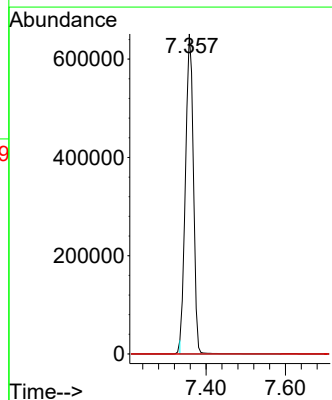
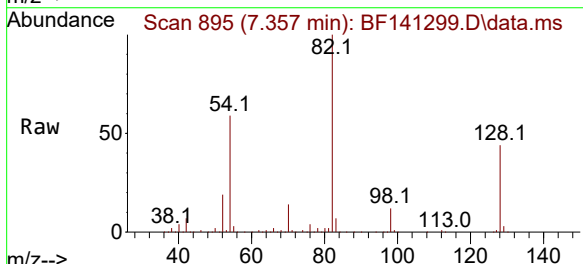
Instrument :
BNA_F
ClientSampleId :
PB166167BL

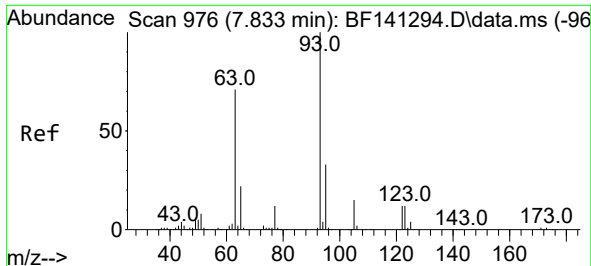
Tgt Ion: 77 Resp: 2455
Ion Ratio Lower Upper
77 100
123 0.0 37.3 55.9#
65 42.4 11.8 17.6#



#25
Isophorone
Concen: 50.648 ng
RT: 7.357 min Scan# 895
Delta R.T. -0.271 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 82 Resp: 897441
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 14.7 22.1#

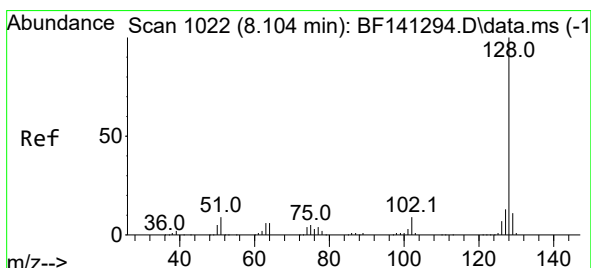
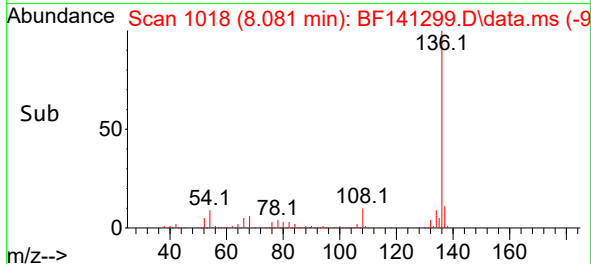
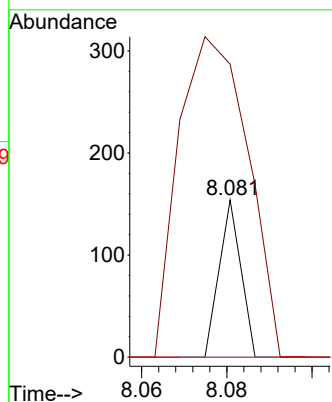
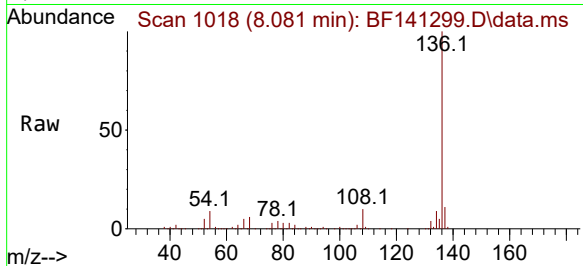




#28
bis(2-Chloroethoxy)methane
Concen: 0.005 ng
RT: 8.081 min Scan# 1018
Delta R.T. 0.241 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

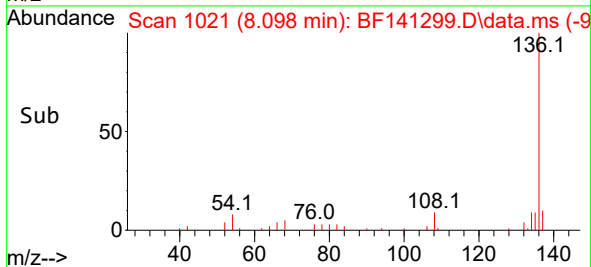
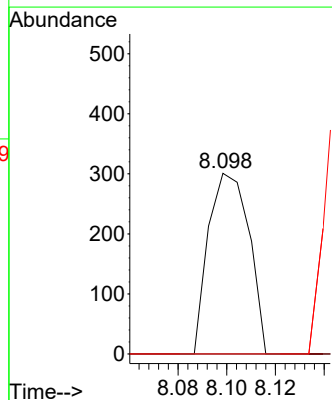
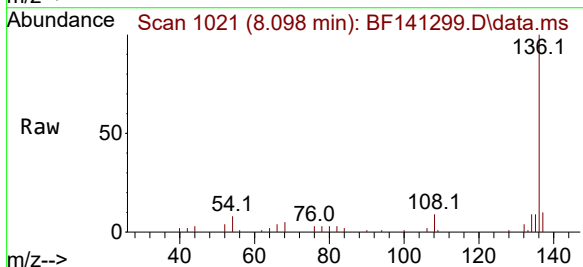
Instrument :
BNA_F
ClientSampleId :
PB166167BL

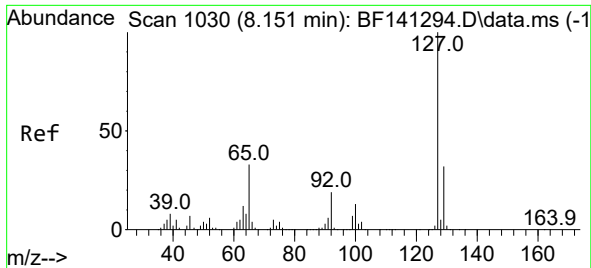
Tgt Ion: 93 Resp: 54
Ion Ratio Lower Upper
93 100
95 186.4 26.2 39.2#
123 0.0 10.2 15.4#



#31
Naphthalene
Concen: 0.012 ng
RT: 8.098 min Scan# 1021
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion: 128 Resp: 349
Ion Ratio Lower Upper
128 100
129 0.0 8.9 13.3#
127 0.0 10.6 15.8#

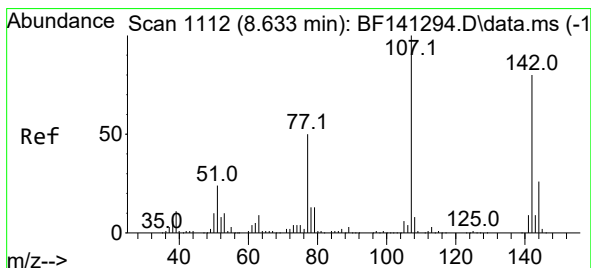
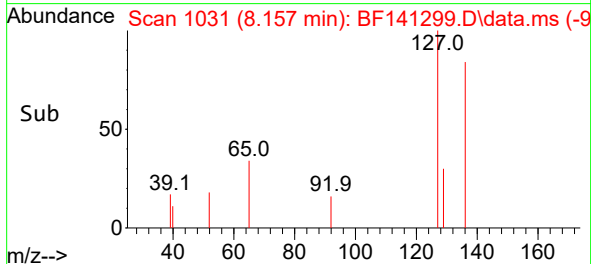
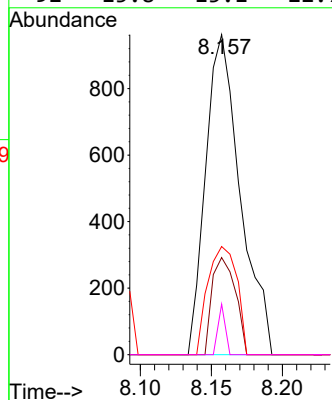
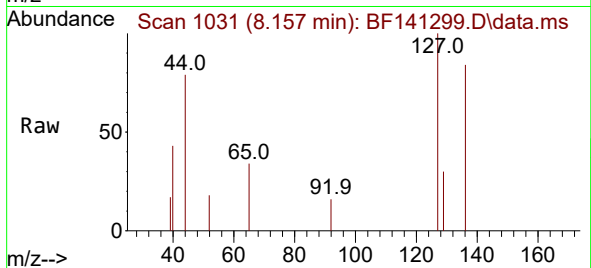




#33
4-Chloroaniline
Concen: 0.168 ng
RT: 8.157 min Scan# 1030
Delta R.T. 0.000 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

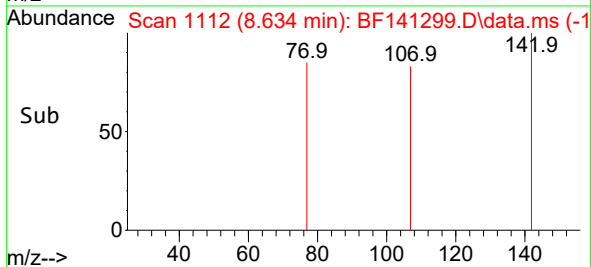
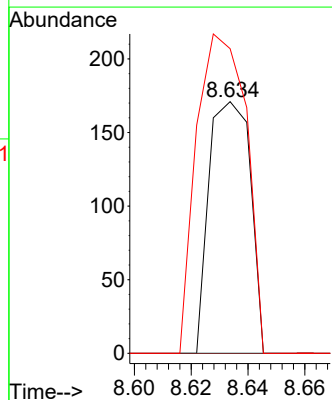
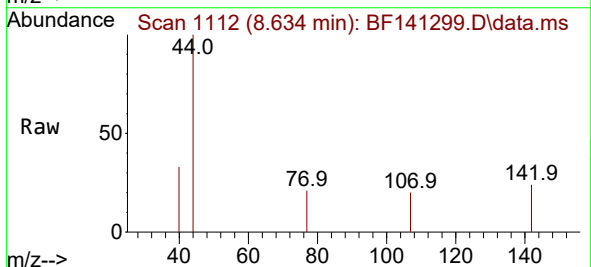
Instrument :
BNA_F
ClientSampleId :
PB166167BL

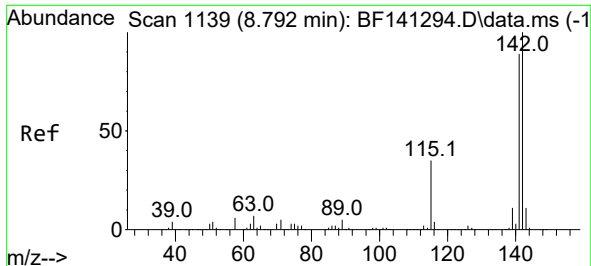
Tgt Ion:127	Resp:	1629	
Ion	Ratio	Lower	Upper
127	100		
129	30.4	25.7	38.5
65	33.8	26.4	39.6
92	15.8	15.1	22.7



#36
4-Chloro-3-methylphenol
Concen: 0.021 ng
RT: 8.634 min Scan# 1112
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:107	Resp:	172	
Ion	Ratio	Lower	Upper
107	100		
144	0.0	20.7	31.1#
142	121.1	63.8	95.8#

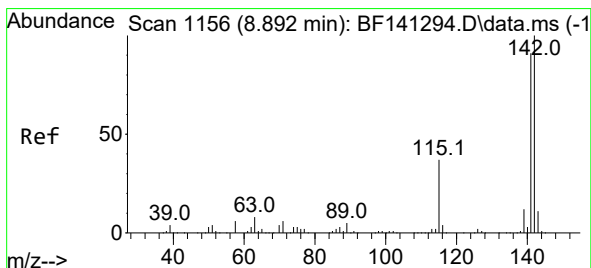
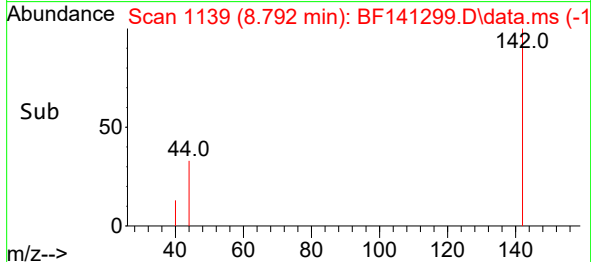
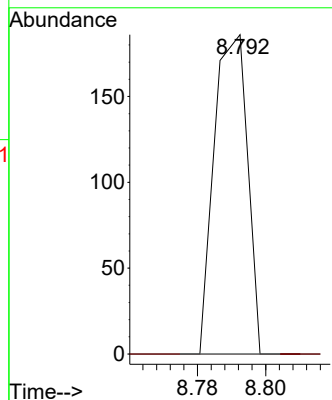
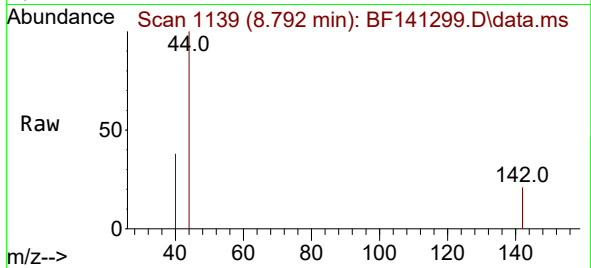




#37
2-Methylnaphthalene
Concen: 0.007 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

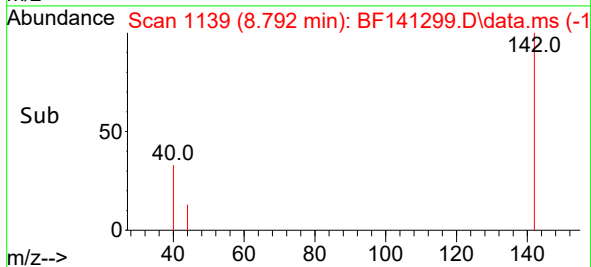
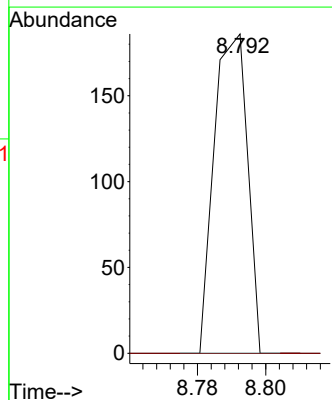
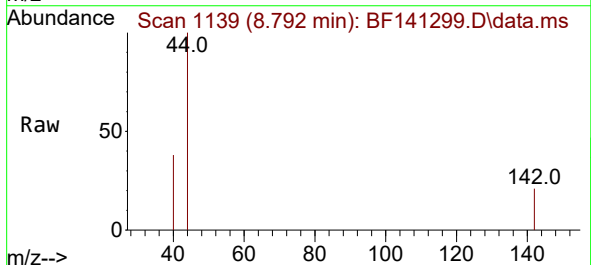
Instrument :
BNA_F
ClientSampleId :
PB166167BL

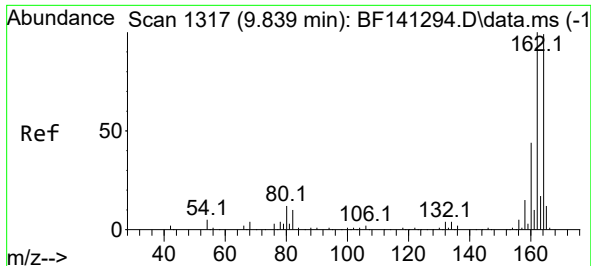
Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
141 0.0 71.3 106.9#



#38
1-Methylnaphthalene
Concen: 0.007 ng
RT: 8.792 min Scan# 1139
Delta R.T. -0.106 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:142 Resp: 126
Ion Ratio Lower Upper
142 100
141 0.0 73.2 109.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.834 min Scan# 1316

Delta R.T. -0.006 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

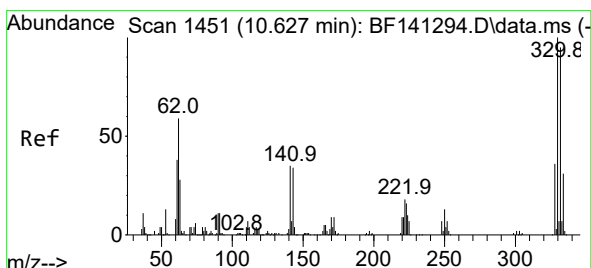
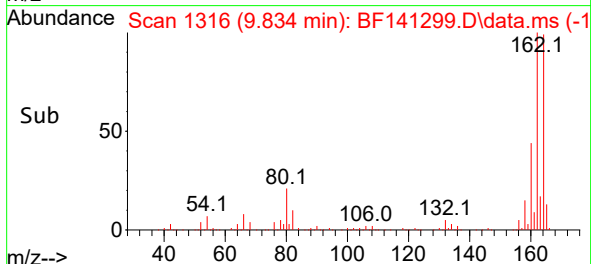
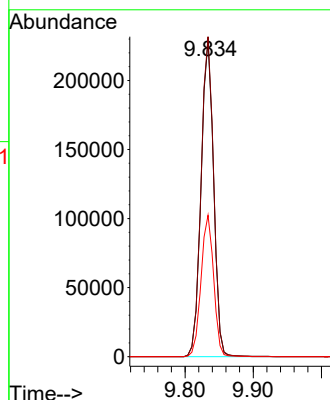
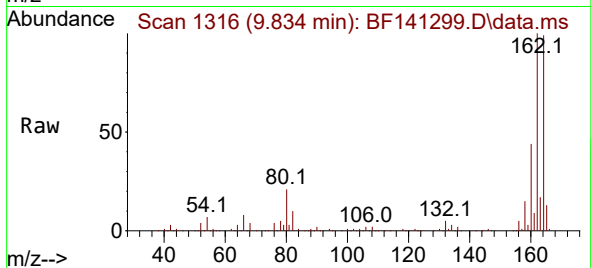
Tgt Ion:164 Resp: 292896

Ion Ratio Lower Upper

164 100

162 101.3 80.6 121.0

160 44.8 35.8 53.6



#42

2,4,6-Tribromophenol

Concen: 128.176 ng

RT: 10.628 min Scan# 1451

Delta R.T. -0.006 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

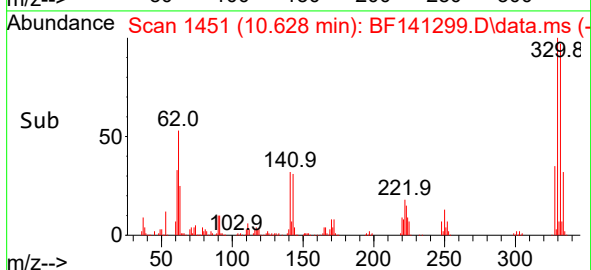
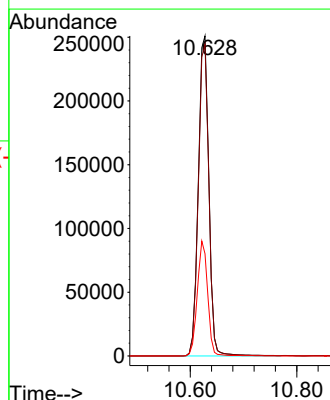
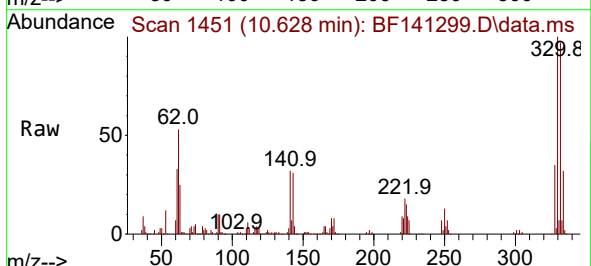
Tgt Ion:330 Resp: 344176

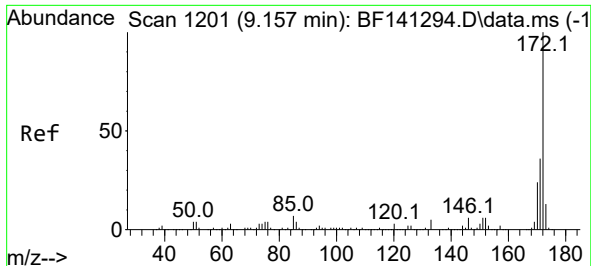
Ion Ratio Lower Upper

330 100

332 97.6 76.1 114.1

141 35.4 28.8 43.2

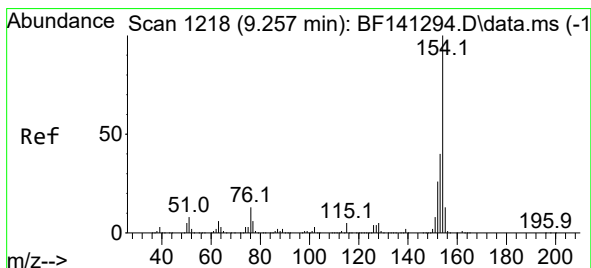
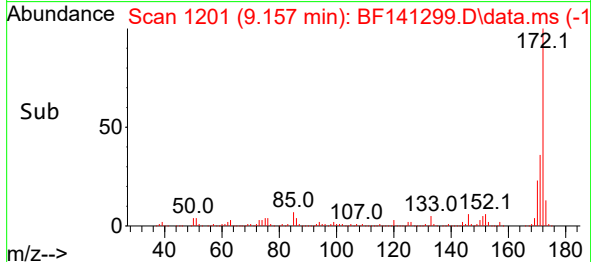
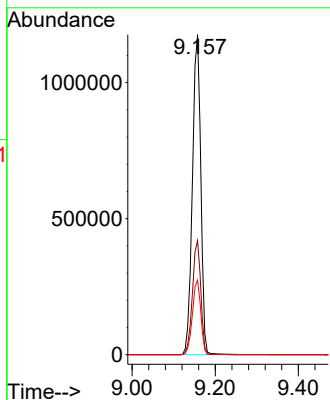
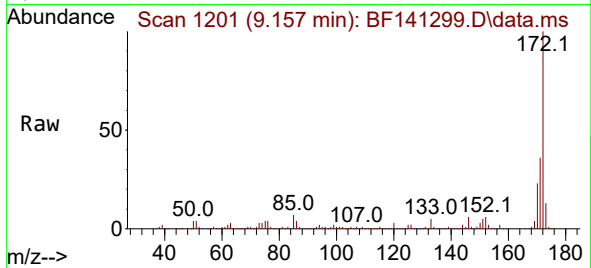




#45
2-Fluorobiphenyl
Concen: 86.556 ng
RT: 9.157 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

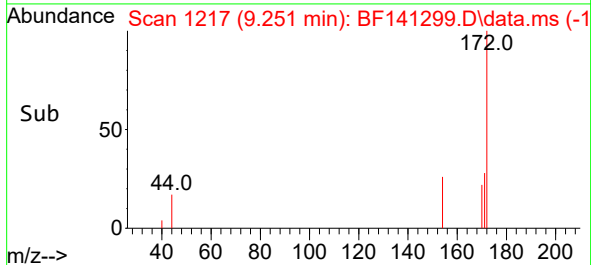
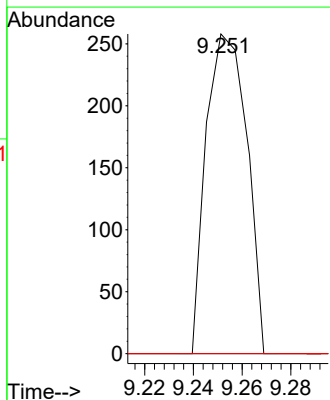
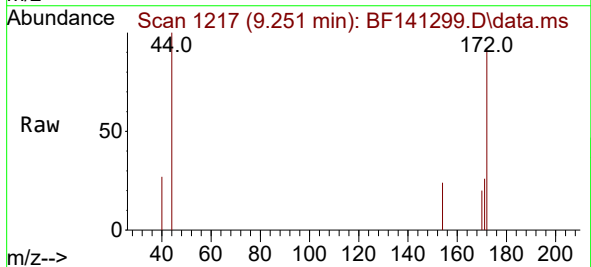
Instrument :
BNA_F
ClientSampleId :
PB166167BL

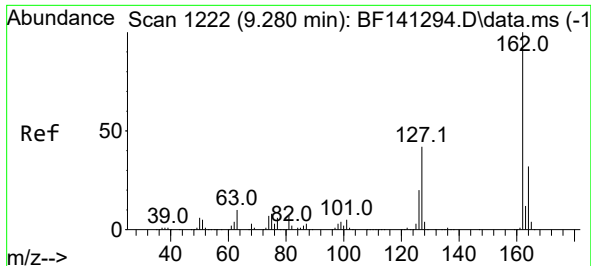
Tgt Ion:172 Resp: 1647101
Ion Ratio Lower Upper
172 100
171 35.7 28.8 43.2
170 23.3 19.0 28.6



#46
1,1'-Biphenyl
Concen: 0.013 ng
RT: 9.251 min Scan# 1217
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:154 Resp: 300
Ion Ratio Lower Upper
154 100
153 0.0 20.0 60.0#
76 0.0 0.0 32.8





#47

2-Chloronaphthalene

Concen: 0.007 ng

RT: 9.281 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

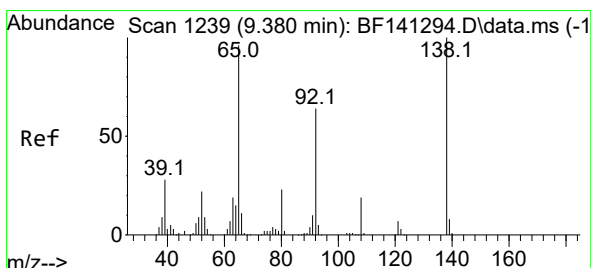
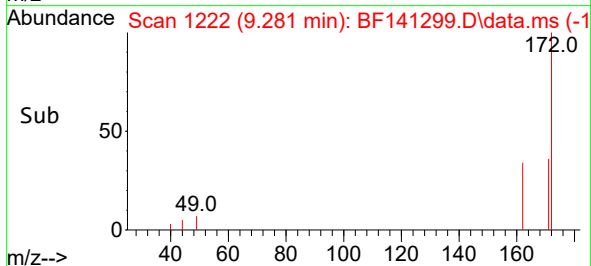
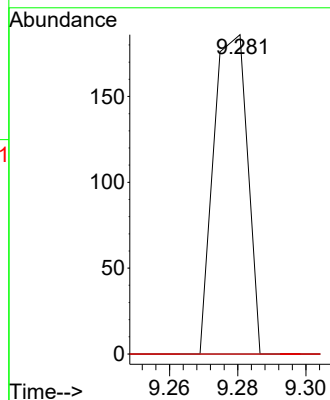
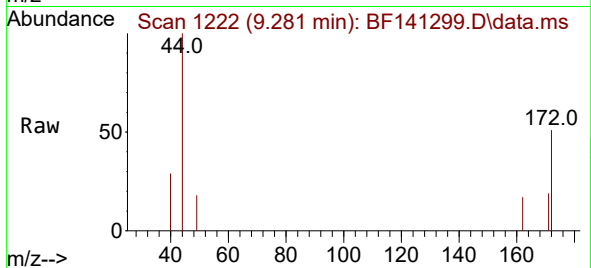
Tgt Ion:162 Resp: 128

Ion Ratio Lower Upper

162 100

127 0.0 33.7 50.5#

164 0.0 25.9 38.9#



#48

2-Nitroaniline

Concen: 0.501 ng

RT: 9.157 min Scan# 1201

Delta R.T. -0.223 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

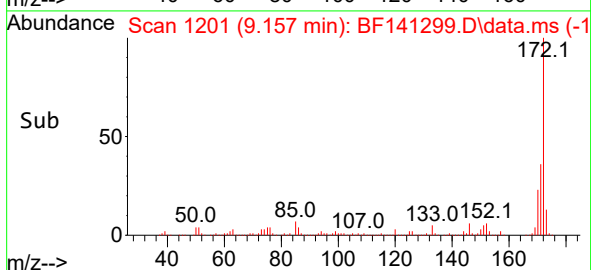
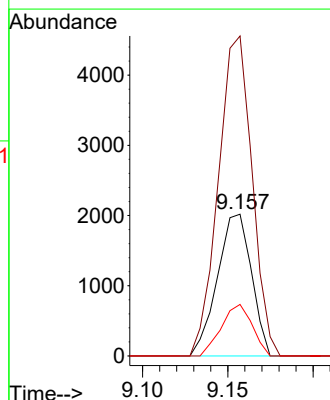
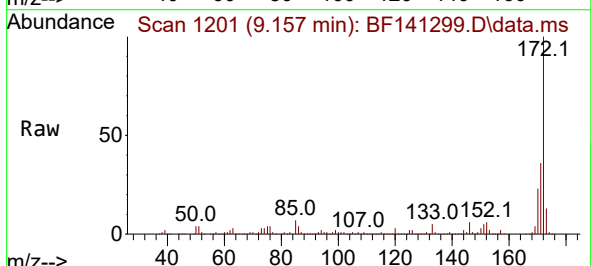
Tgt Ion: 65 Resp: 2806

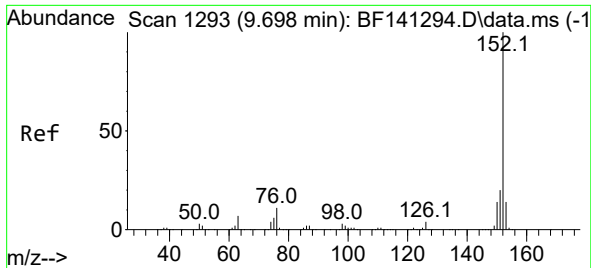
Ion Ratio Lower Upper

65 100

92 225.6 53.3 79.9#

138 36.3 83.6 125.4#

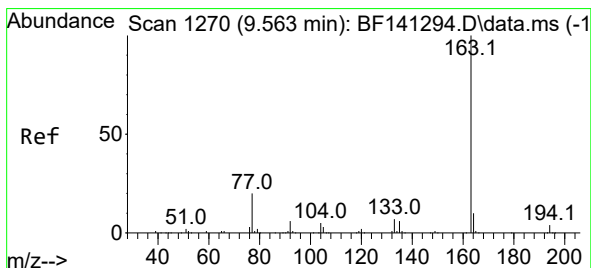
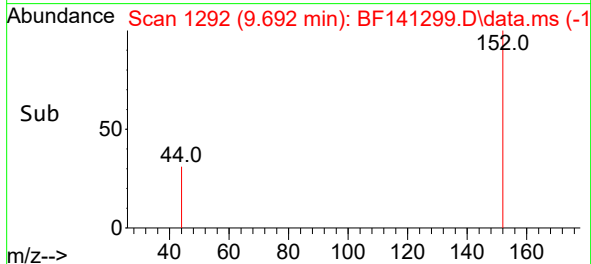
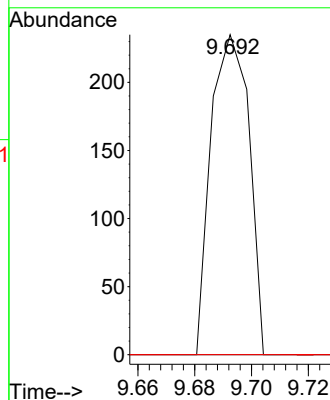
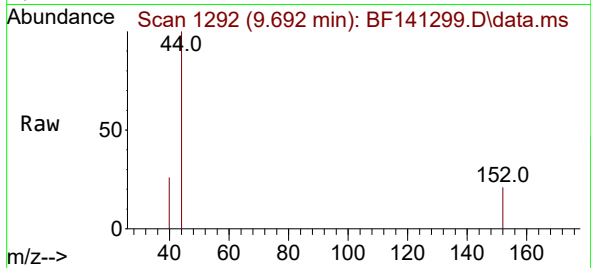




#49
Acenaphthylene
Concen: 0.009 ng
RT: 9.692 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

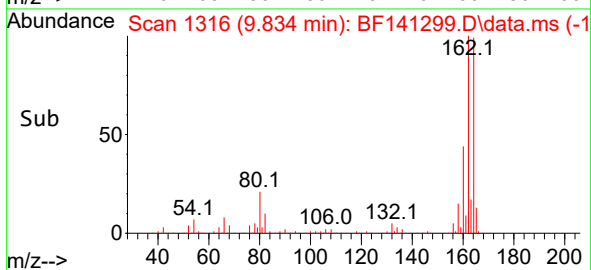
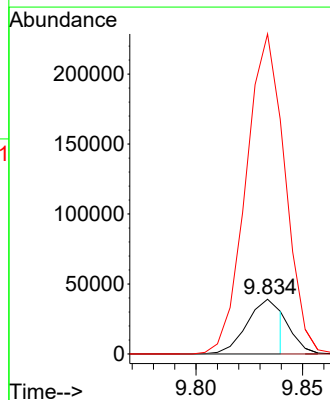
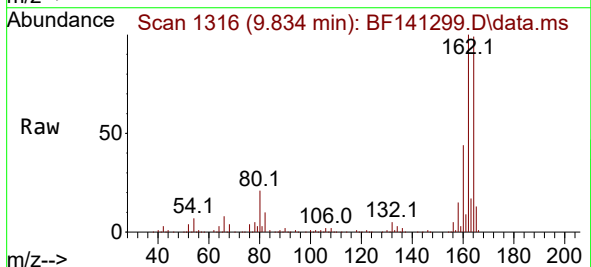
Instrument :
BNA_F
ClientSampleId :
PB166167BL

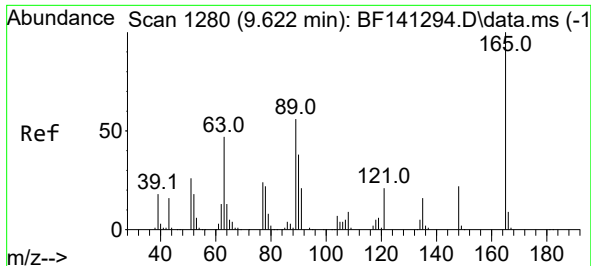
Tgt Ion:152 Resp: 219
Ion Ratio Lower Upper
152 100
151 0.0 16.2 24.2#
153 0.0 11.0 16.6#



#50
Dimethylphthalate
Concen: 2.218 ng
RT: 9.834 min Scan# 1316
Delta R.T. 0.265 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:163 Resp: 43886
Ion Ratio Lower Upper
163 100
194 0.0 3.0 4.6#
164 584.2 8.0 12.0#

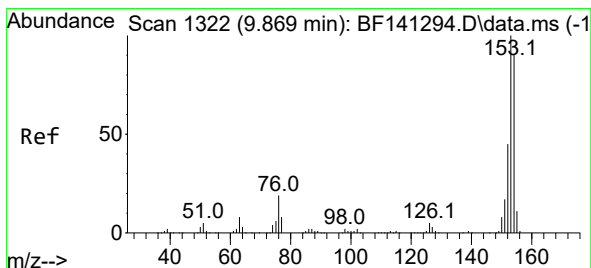
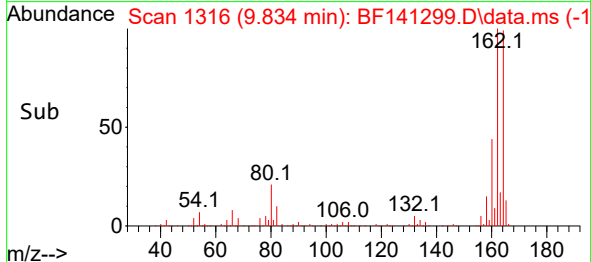
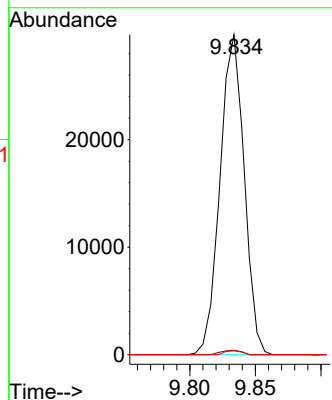
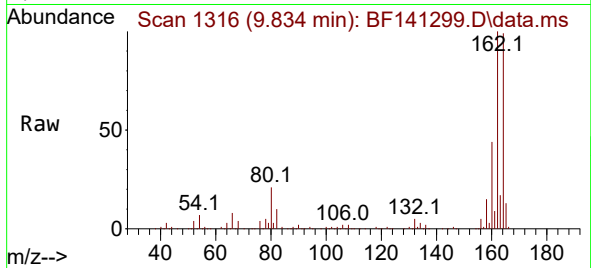




#51
2,6-Dinitrotoluene
Concen: 8.292 ng
RT: 9.834 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

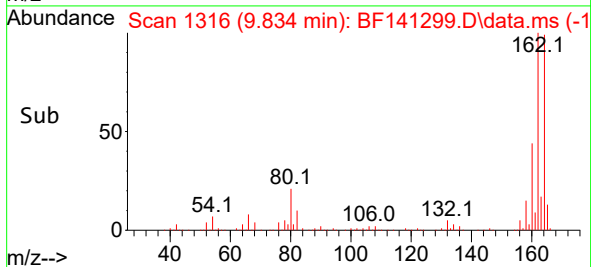
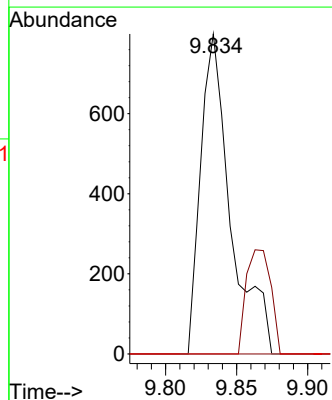
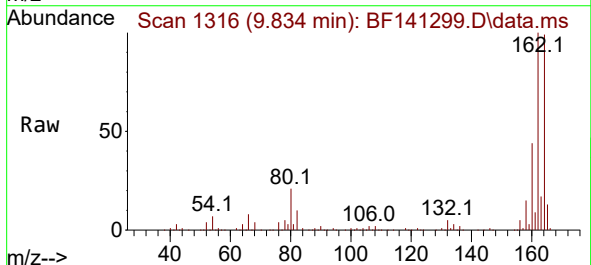
Instrument :
BNA_F
ClientSampleId :
PB166167BL

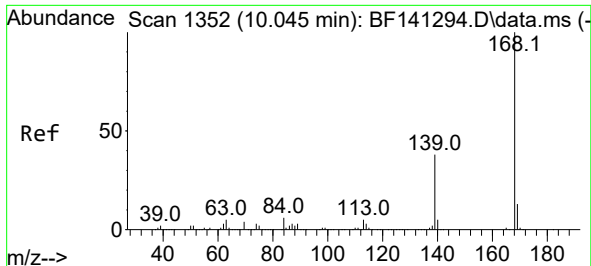
Tgt Ion:165 Resp: 38086
Ion Ratio Lower Upper
165 100
63 1.3 48.1 72.1#
89 1.2 44.9 67.3#



#52
Acenaphthene
Concen: 0.066 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.041 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

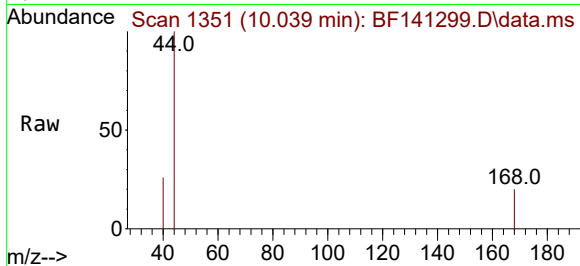
Tgt Ion:154 Resp: 1175
Ion Ratio Lower Upper
154 100
153 0.0 89.0 133.4#
152 0.0 40.2 60.4#



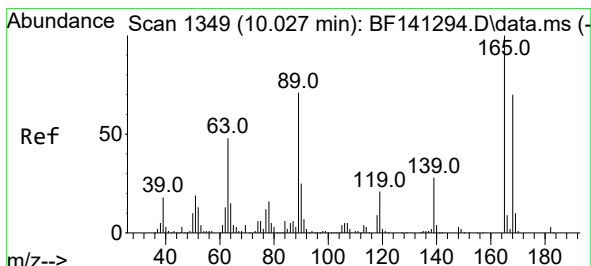
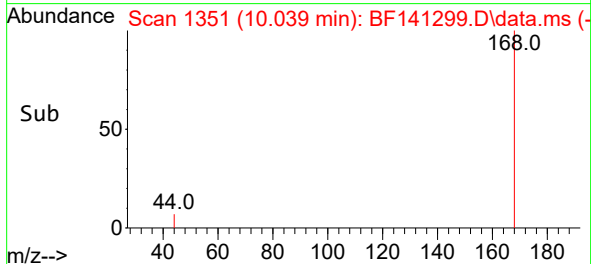
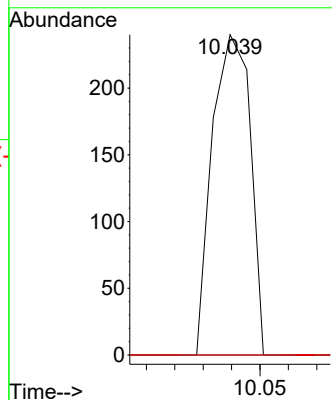


#55
Dibenzenofuran
Concen: 0.009 ng
RT: 10.039 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Instrument :
BNA_F
ClientSampleId :
PB166167BL

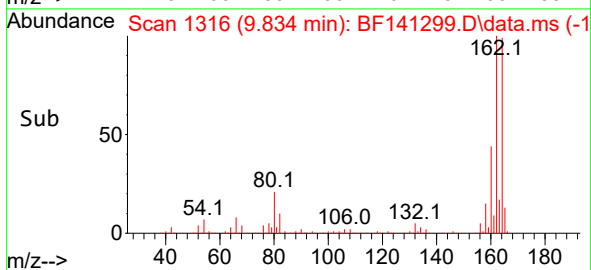
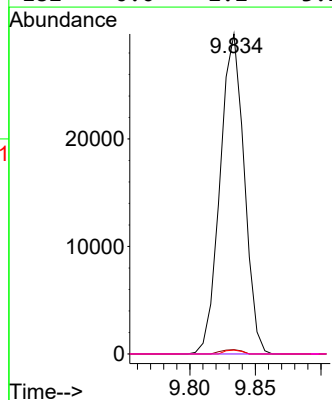
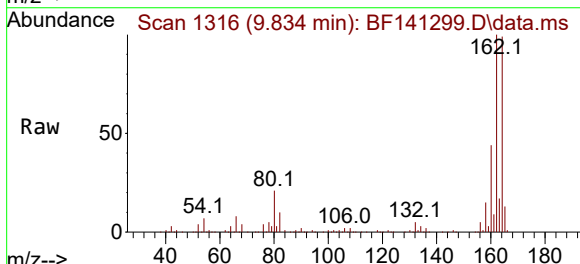


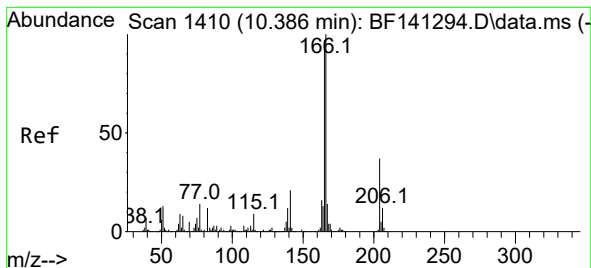
Tgt Ion:168 Resp: 223
Ion Ratio Lower Upper
168 100
139 0.0 30.6 46.0#
169 0.0 10.8 16.2#



#57
2,4-Dinitrotoluene
Concen: 6.404 ng
RT: 9.834 min Scan# 1316
Delta R.T. -0.200 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:165 Resp: 38086
Ion Ratio Lower Upper
165 100
63 1.3 39.2 58.8#
89 1.2 56.9 85.3#
182 0.0 2.2 3.2#





#58

Fluorene

Concen: 0.861 ng

RT: 10.622 min Scan# 1410

Delta R.T. 0.229 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

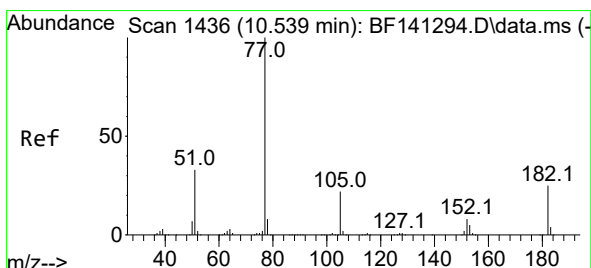
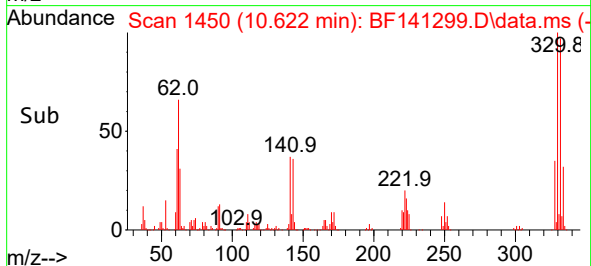
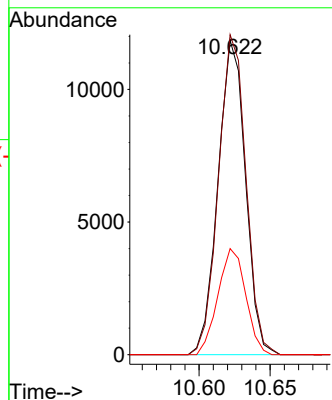
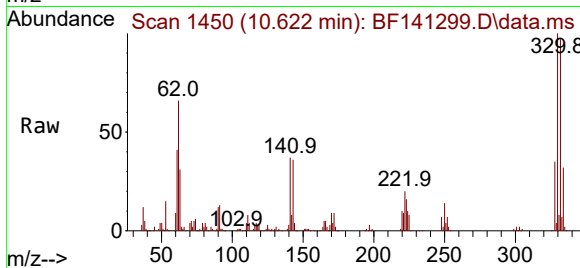
Tgt Ion:166 Resp: 15923

Ion Ratio Lower Upper

166 100

165 101.8 77.5 116.3

167 33.8 10.9 16.3#



#63

Azobenzene

Concen: 0.018 ng

RT: 10.539 min Scan# 1436

Delta R.T. -0.006 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Tgt Ion: 77 Resp: 345

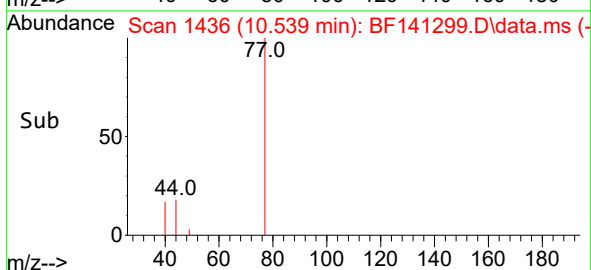
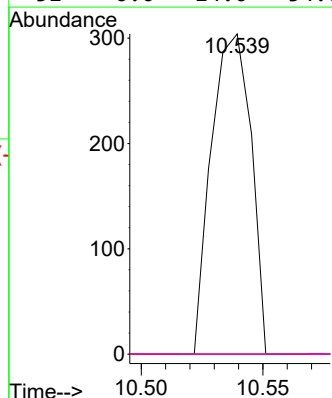
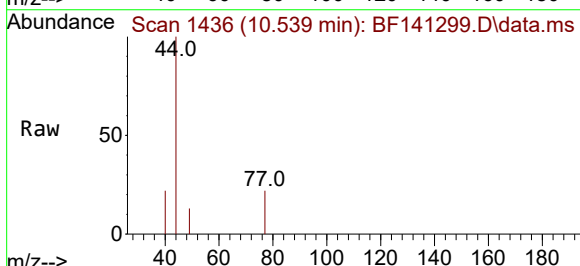
Ion Ratio Lower Upper

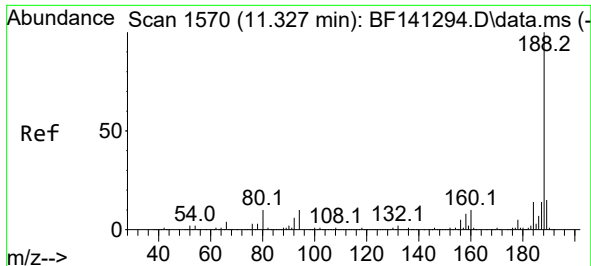
77 100

182 0.0 5.1 45.1#

105 0.0 1.8 41.8#

51 0.0 14.0 54.0#

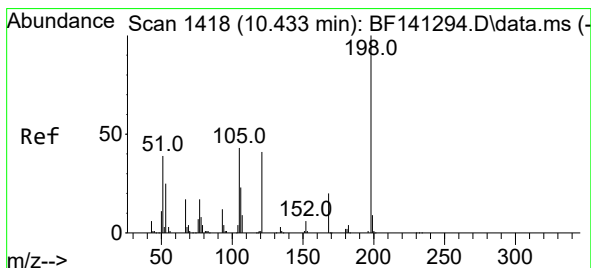
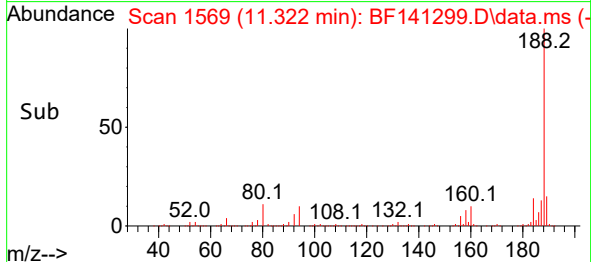
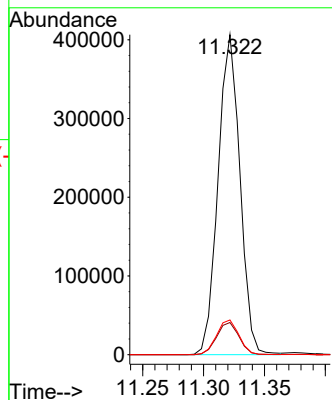
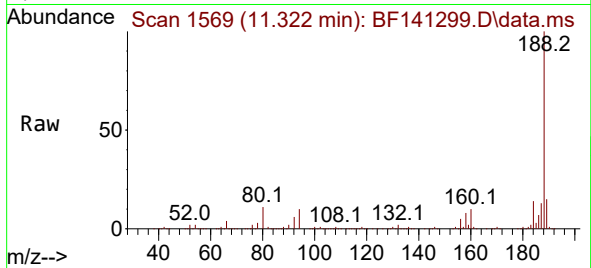




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

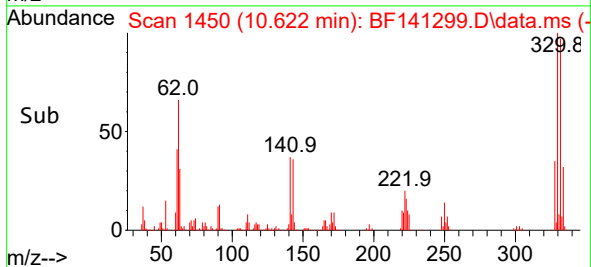
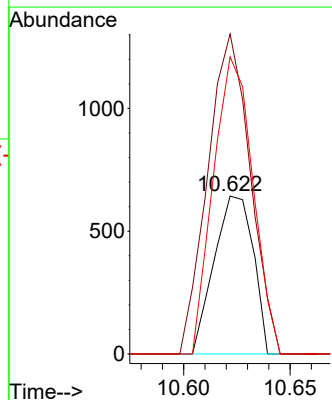
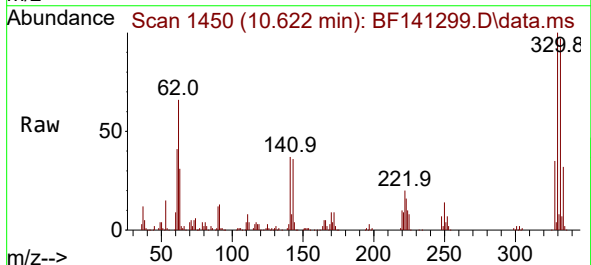
Instrument :
BNA_F
ClientSampleId :
PB166167BL

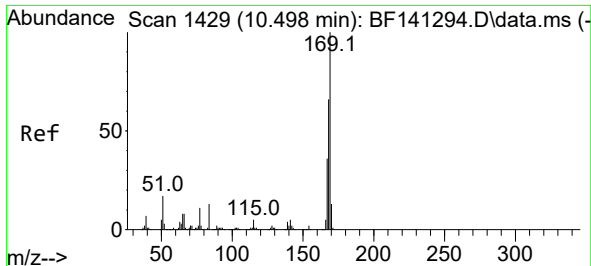
Tgt Ion:188 Resp: 508597
Ion Ratio Lower Upper
188 100
94 10.1 7.8 11.6
80 10.9 8.2 12.4



#65
4,6-Dinitro-2-methylphenol
Concen: 0.272 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.182 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:198 Resp: 819
Ion Ratio Lower Upper
198 100
51 202.6 33.4 73.4#
105 188.2 24.4 64.4#

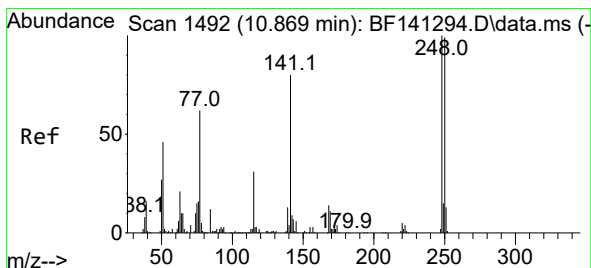
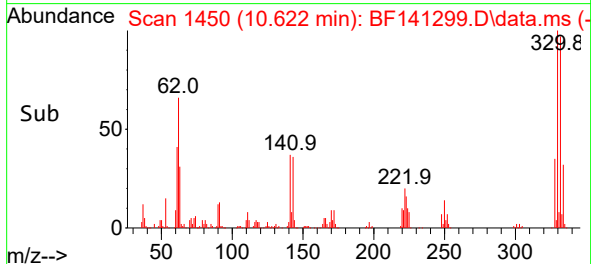
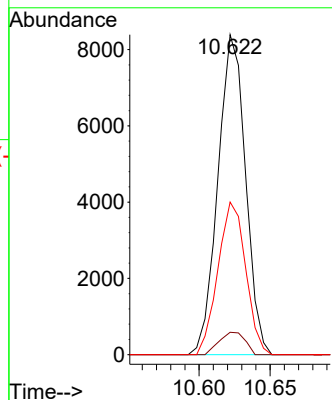
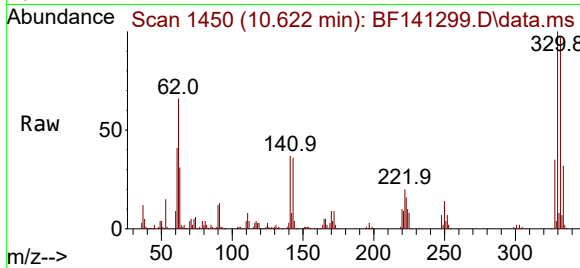




#66
 n-Nitrosodiphenylamine
 Concen: 0.689 ng
 RT: 10.622 min Scan# 1450
 Delta R.T. 0.118 min
 Lab File: BF141299.D
 Acq: 29 Jan 2025 18:24

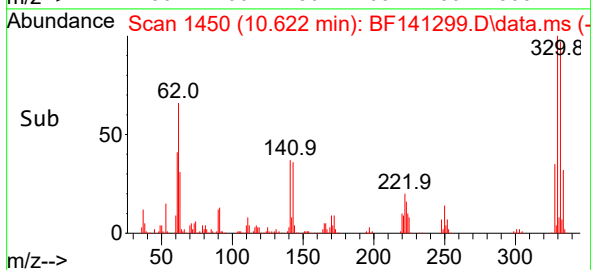
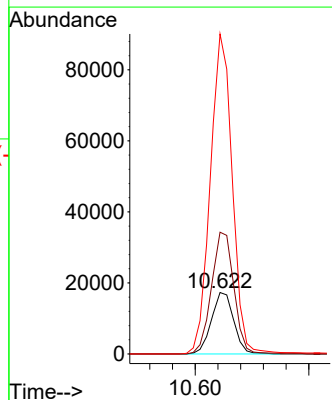
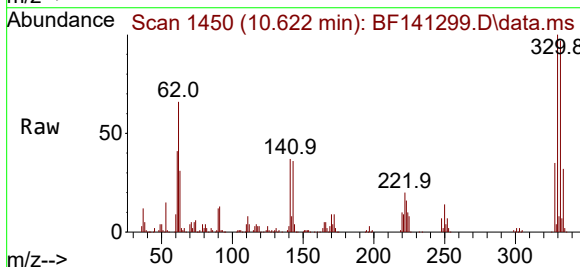
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

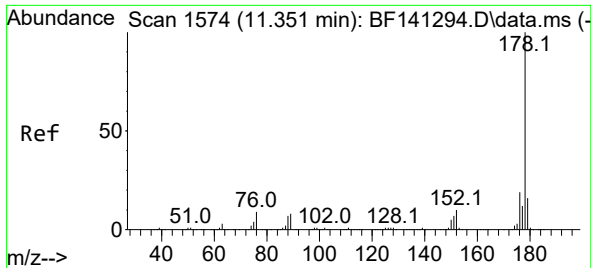
Tgt Ion:169 Resp: 11330
 Ion Ratio Lower Upper
 169 100
 168 7.0 53.0 79.4#
 167 47.7 28.8 43.2#



#67
 4-Bromophenyl-phenylether
 Concen: 4.133 ng
 RT: 10.622 min Scan# 1450
 Delta R.T. -0.253 min
 Lab File: BF141299.D
 Acq: 29 Jan 2025 18:24

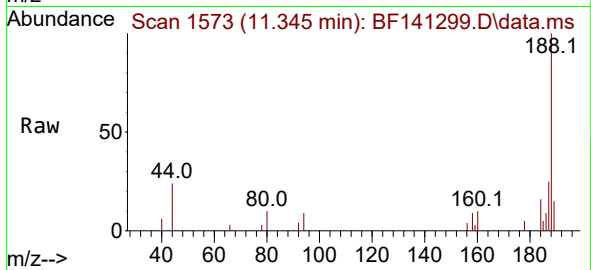
Tgt Ion:248 Resp: 23532
 Ion Ratio Lower Upper
 248 100
 250 198.2 79.0 118.4#
 141 521.0 63.7 95.5#



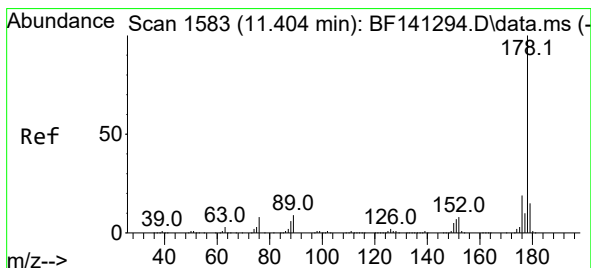
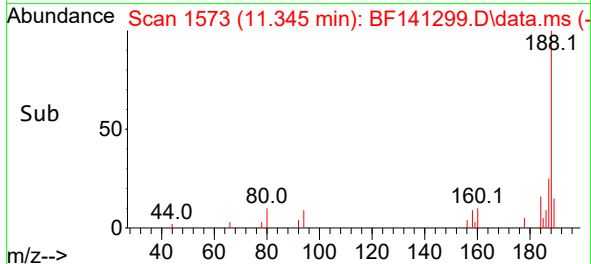
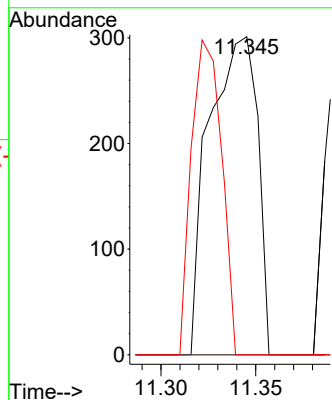


#71
Phenanthrene
Concen: 0.020 ng
RT: 11.345 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Instrument :
BNA_F
ClientSampleId :
PB166167BL

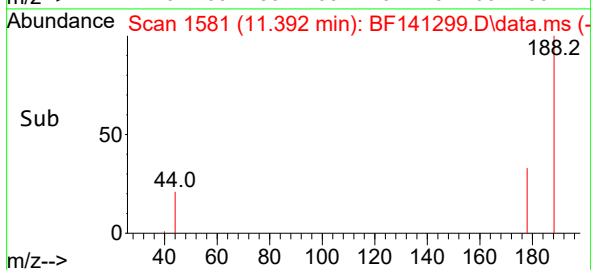
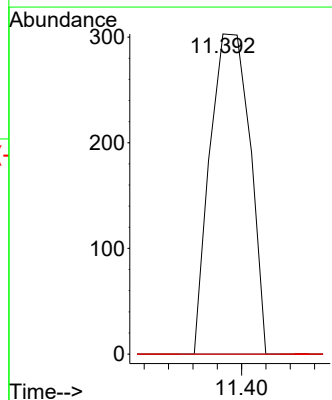
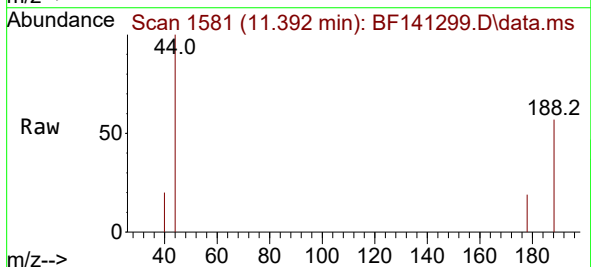


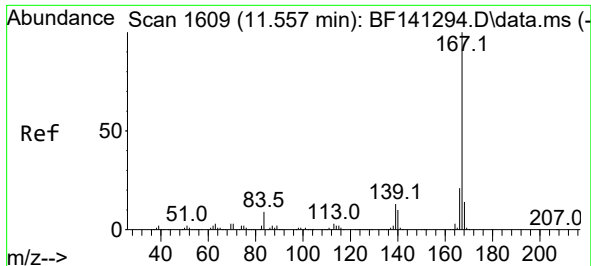
Tgt Ion:178 Resp: 534
Ion Ratio Lower Upper
178 100
176 0.0 15.3 22.9#
179 0.0 12.5 18.7#



#72
Anthracene
Concen: 0.013 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:178 Resp: 346
Ion Ratio Lower Upper
178 100
176 0.0 15.0 22.6#
179 0.0 12.3 18.5#

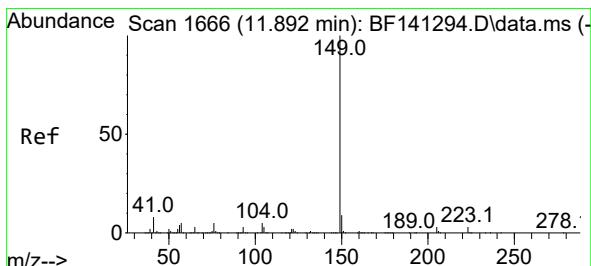
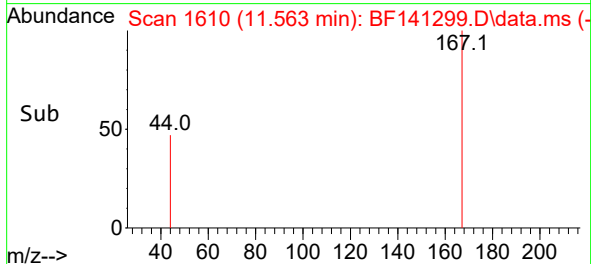
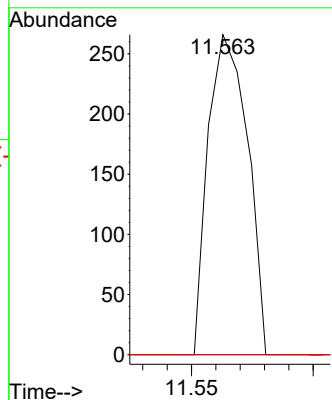
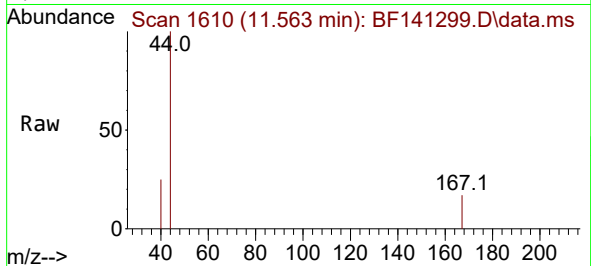




#73
Carbazole
Concen: 0.013 ng
RT: 11.563 min Scan# 1610
Delta R.T. 0.006 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

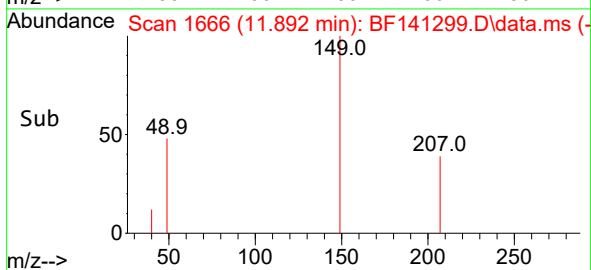
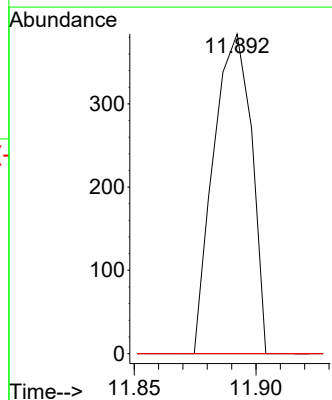
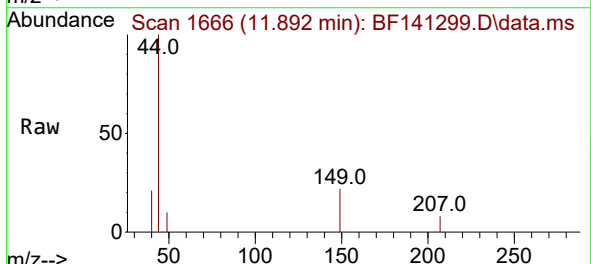
Instrument :
BNA_F
ClientSampleId :
PB166167BL

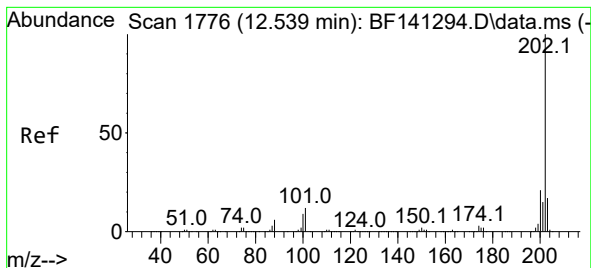
Tgt Ion:167 Resp: 300
Ion Ratio Lower Upper
167 100
166 0.0 17.0 25.6#
139 0.0 10.6 16.0#



#74
Di-n-butylphthalate
Concen: 0.014 ng
RT: 11.892 min Scan# 1666
Delta R.T. 0.000 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

Tgt Ion:149 Resp: 417
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.2#
104 0.0 3.9 5.9#





#75

Fluoranthene

Concen: 0.015 ng

RT: 12.539 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

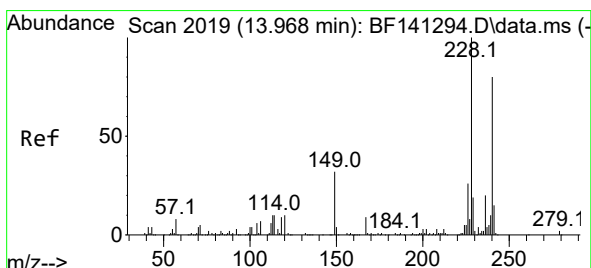
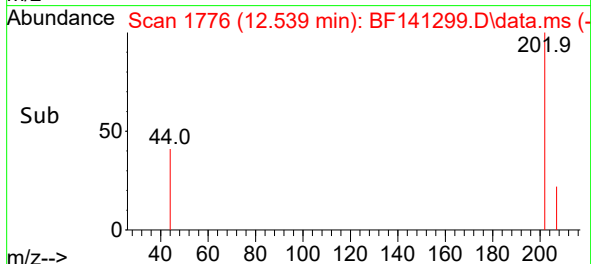
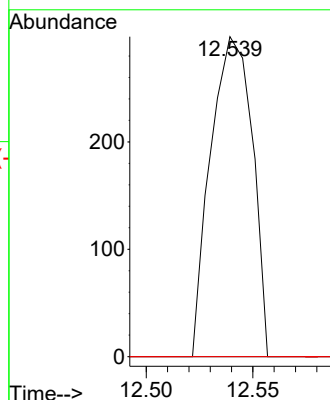
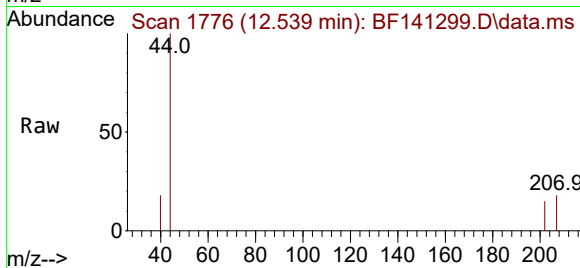
Tgt Ion:202 Resp: 406

Ion Ratio Lower Upper

202 100

101 0.0 0.0 31.7

203 0.0 0.0 37.5



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.963 min Scan# 2018

Delta R.T. -0.012 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

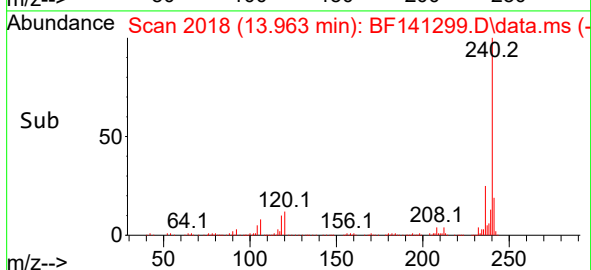
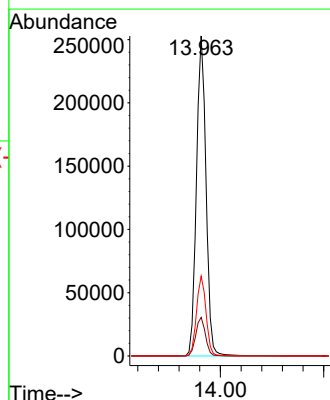
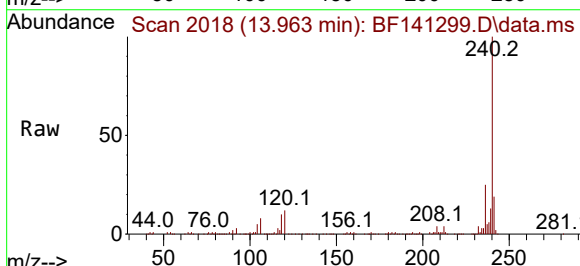
Tgt Ion:240 Resp: 324932

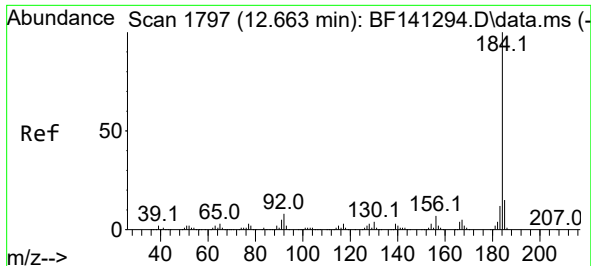
Ion Ratio Lower Upper

240 100

120 12.1 10.0 15.0

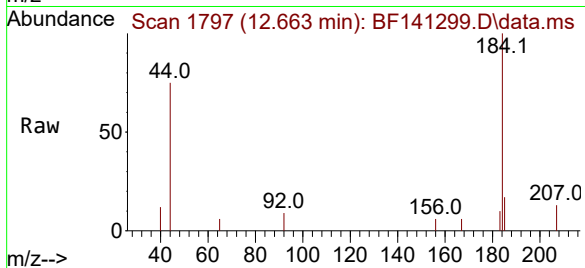
236 24.9 19.7 29.5



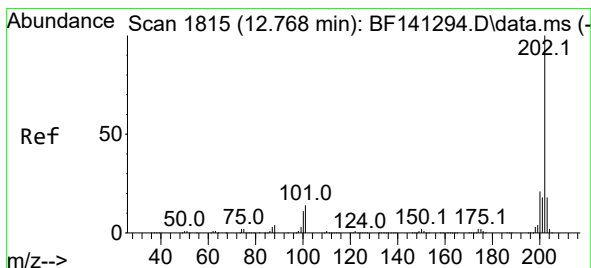
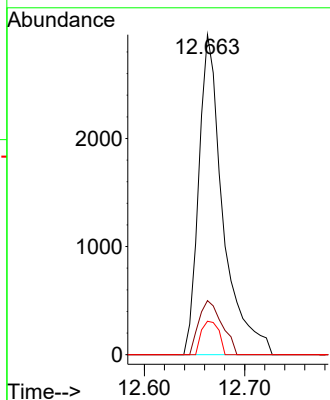
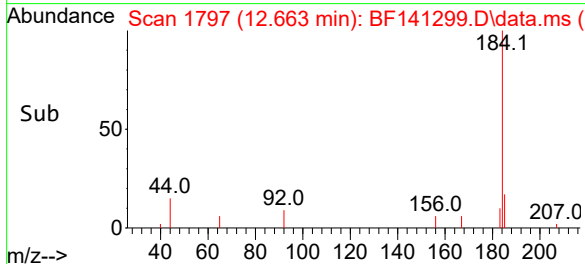


#77
Benzidine
Concen: 0.478 ng
RT: 12.663 min Scan# 1797
Delta R.T. 0.000 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24

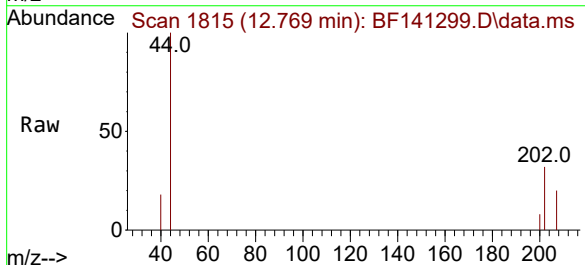
Instrument :
BNA_F
ClientSampleId :
PB166167BL



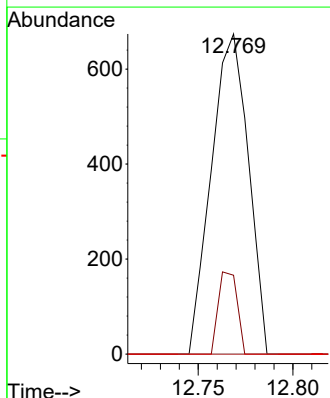
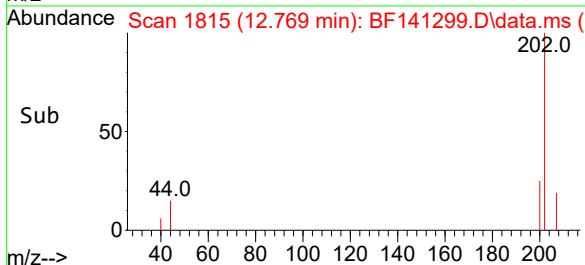
Tgt Ion:184 Resp: 4975
Ion Ratio Lower Upper
184 100
185 16.9 11.9 17.9
183 10.4 9.5 14.3

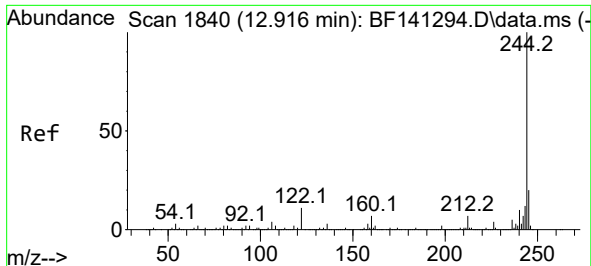


#78
Pyrene
Concen: 0.029 ng
RT: 12.769 min Scan# 1815
Delta R.T. 0.000 min
Lab File: BF141299.D
Acq: 29 Jan 2025 18:24



Tgt Ion:202 Resp: 916
Ion Ratio Lower Upper
202 100
200 24.6 17.0 25.4
203 0.0 14.3 21.5#

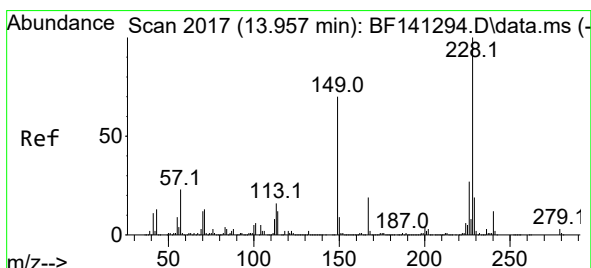
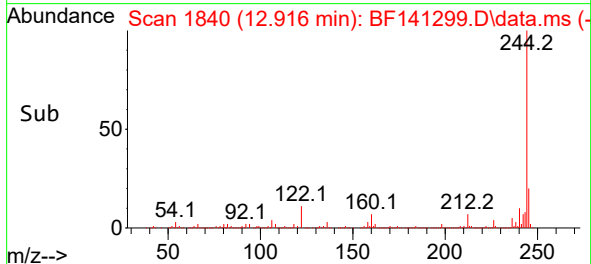
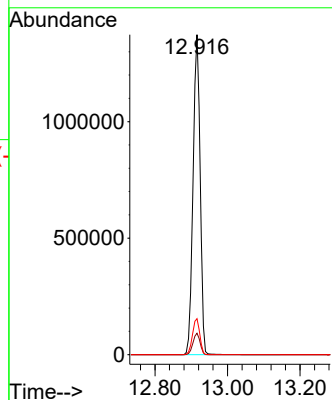
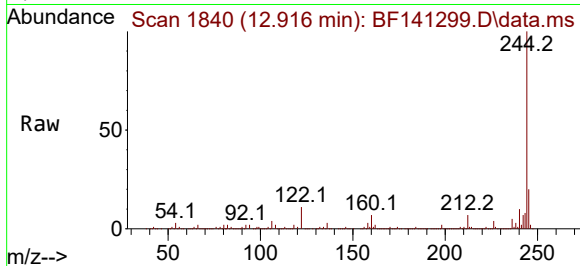




#79
 Terphenyl-d14
 Concen: 88.347 ng
 RT: 12.916 min Scan# 1840
 Delta R.T. 0.000 min
 Lab File: BF141299.D
 Acq: 29 Jan 2025 18:24

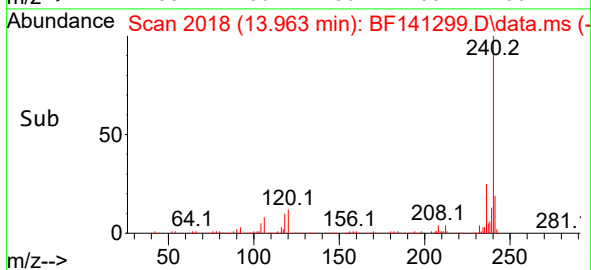
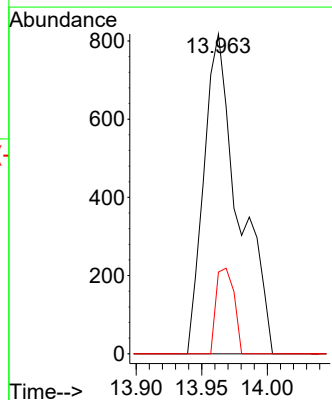
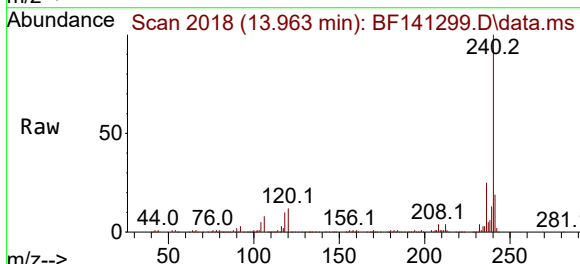
Instrument :
 BNA_F
 ClientSampleId :
 PB166167BL

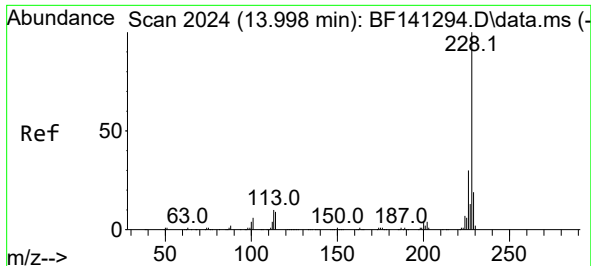
Tgt Ion:244 Resp: 1861437
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.4 8.0
 122 11.3 8.8 13.2



#81
 Benzo(a)anthracene
 Concen: 0.067 ng
 RT: 13.963 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: BF141299.D
 Acq: 29 Jan 2025 18:24

Tgt Ion:228 Resp: 1507
 Ion Ratio Lower Upper
 228 100
 226 0.0 21.4 32.2#
 229 25.6 15.5 23.3#





#83

Chrysene

Concen: 0.073 ng

RT: 13.963 min Scan# 20

Delta R.T. -0.035 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

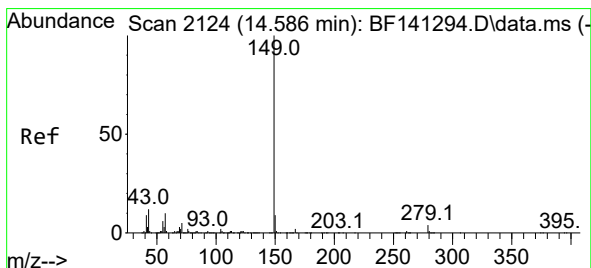
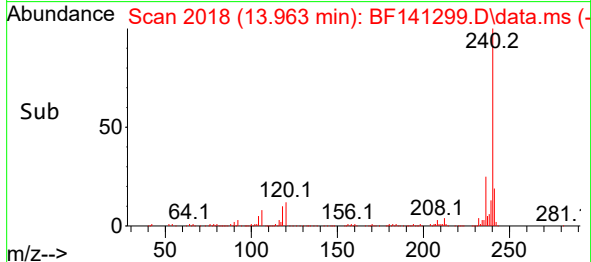
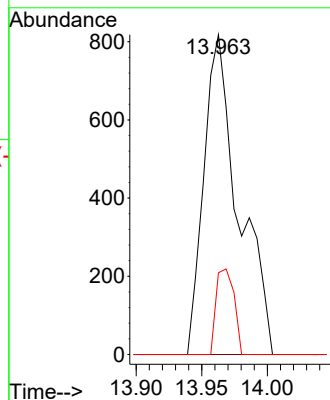
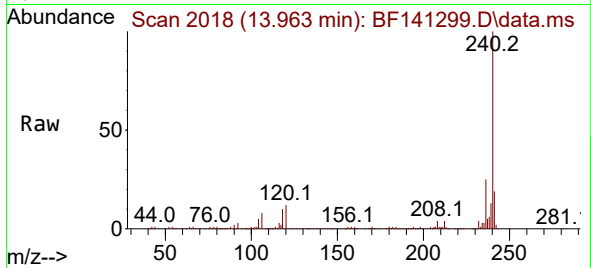
Tgt Ion:228 Resp: 1507

Ion Ratio Lower Upper

228 100

226 0.0 24.1 36.1#

229 25.6 15.6 23.4#



#85

Di-n-octyl phthalate

Concen: 0.008 ng

RT: 14.569 min Scan# 2121

Delta R.T. -0.018 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

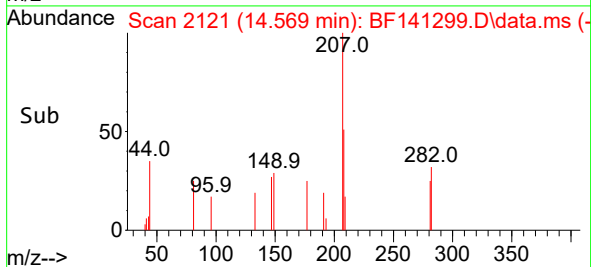
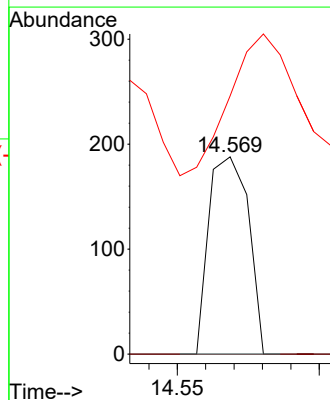
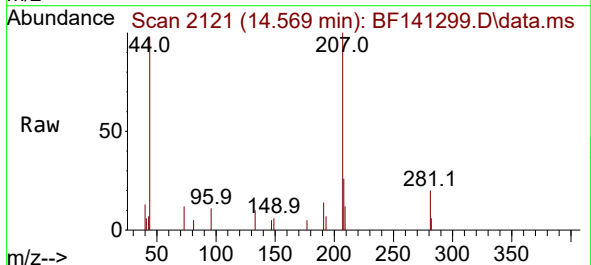
Tgt Ion:149 Resp: 182

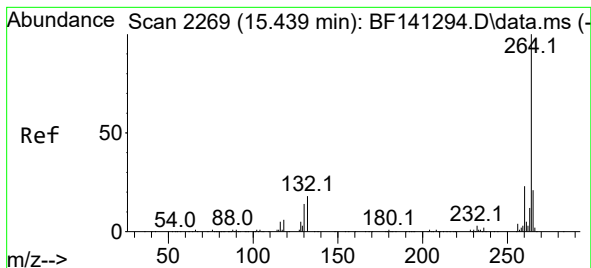
Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 119.2 9.8 14.8#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.416 min Scan# 2195

Delta R.T. -0.024 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

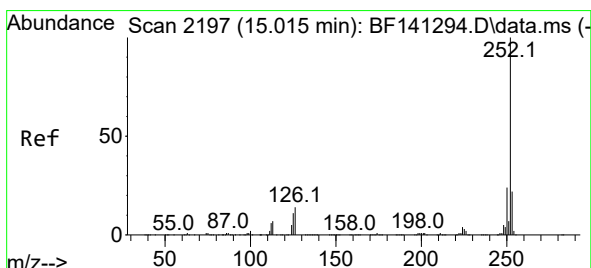
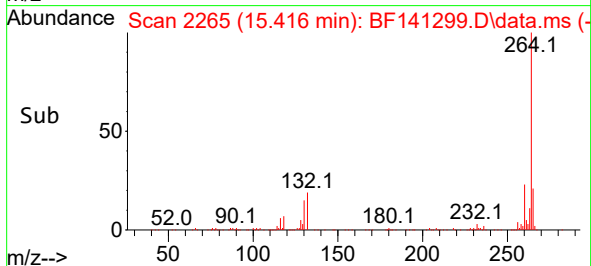
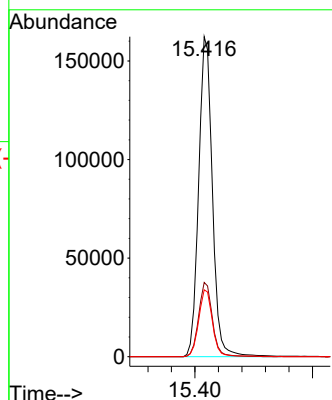
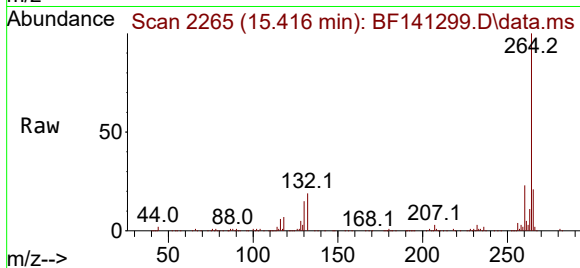
Tgt Ion:264 Resp: 263155

Ion Ratio Lower Upper

264 100

260 23.2 18.6 27.8

265 20.9 16.7 25.1



#88

Benzo(b)fluoranthene

Concen: 0.021 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.018 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

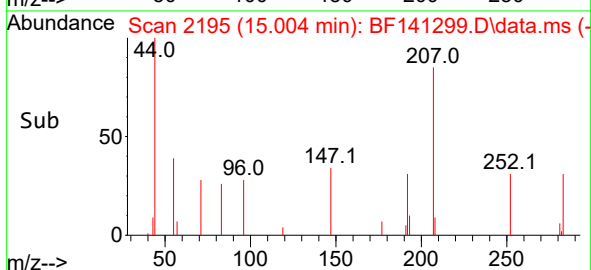
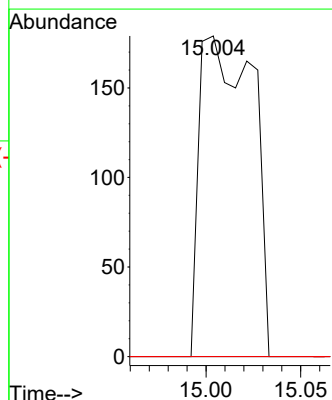
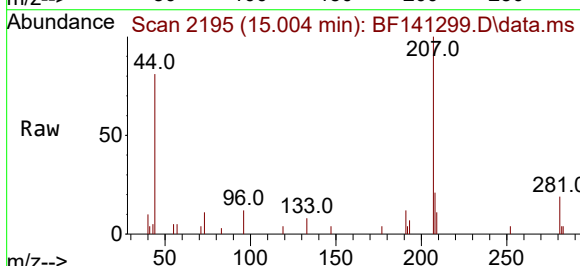
Tgt Ion:252 Resp: 347

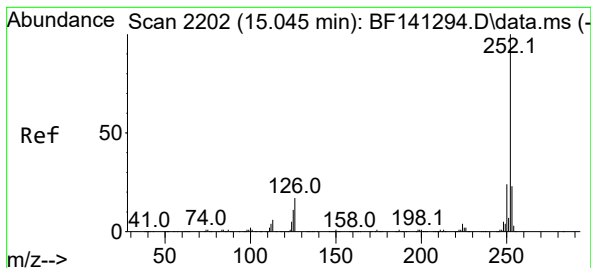
Ion Ratio Lower Upper

252 100

253 0.0 17.4 26.2#

125 0.0 8.6 12.8#





#89

Benzo(k)fluoranthene

Concen: 0.024 ng

RT: 15.004 min Scan# 2195

Delta R.T. -0.047 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Instrument :

BNA_F

ClientSampleId :

PB166167BL

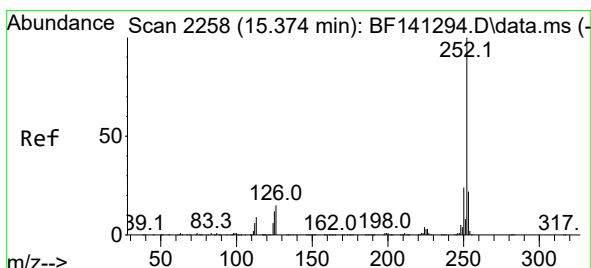
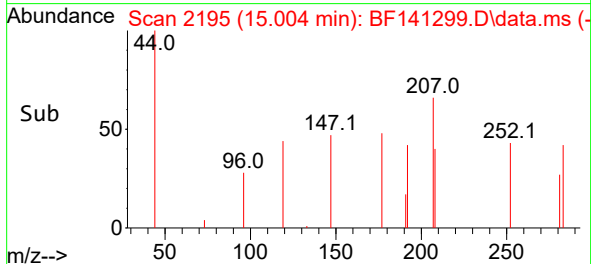
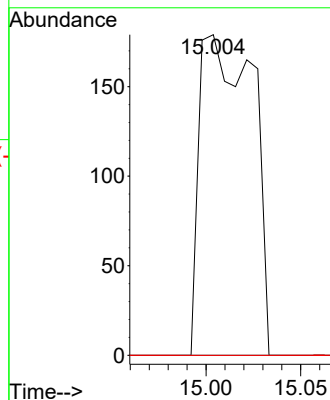
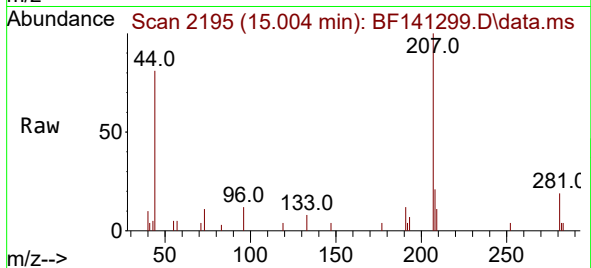
Tgt Ion:252 Resp: 347

Ion Ratio Lower Upper

252 100

253 0.0 17.6 26.4#

125 0.0 8.4 12.6#



#90

Benzo(a)pyrene

Concen: 0.063 ng

RT: 15.416 min Scan# 2265

Delta R.T. 0.035 min

Lab File: BF141299.D

Acq: 29 Jan 2025 18:24

Tgt Ion:252 Resp: 883

Ion Ratio Lower Upper

252 100

253 36.2 17.2 25.8#

125 0.0 9.4 14.2#

