

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008209.D
 Acq On : 03 Dec 2021 17:27
 Operator : CG/JU
 Sample : M4798-09
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DUP-111721

Quant Time: Dec 03 18:17:17 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 03 14:39:24 2021
 Response via : Initial Calibration

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

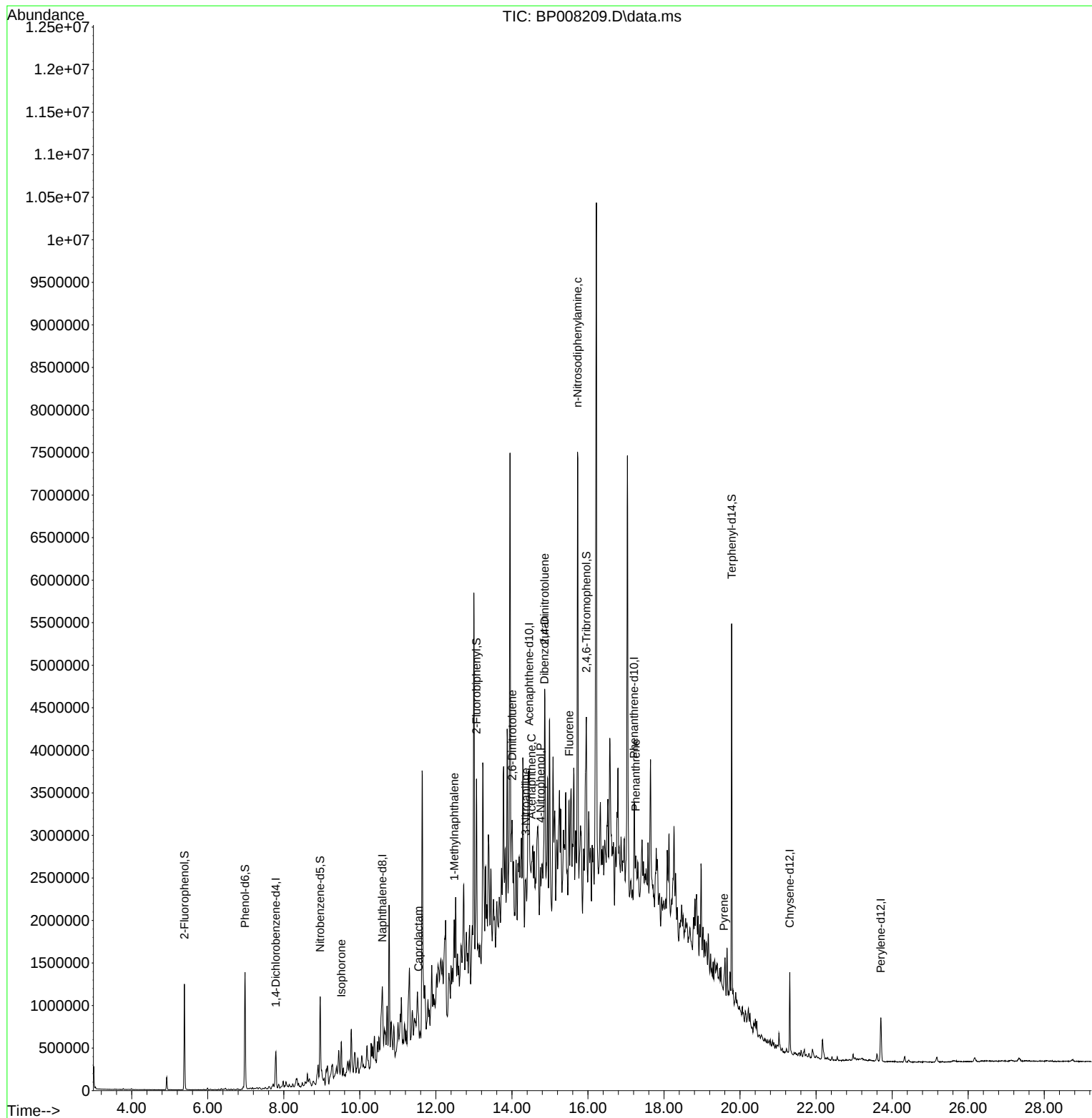
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	103052	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	369747	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	235709	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	501648	20.000	ng	0.00
76) Chrysene-d12	21.310	240	465286	20.000	ng	0.00
86) Perylene-d12	23.704	264	414986	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	480106	75.012	ng	0.00
7) Phenol-d6	6.981	99	754732	87.353	ng	0.00
23) Nitrobenzene-d5	8.957	82	587025	72.195	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	415421	137.887	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	1216763	74.982	ng	0.00
79) Terphenyl-d14	19.780	244	2039251	91.597	ng	0.00
Target Compounds						
					Qvalue	
9) Benzaldehyde	6.934	77	580	Below Cal	#	59
25) Isophorone	9.516	82	42301	2.974	ng	# 1
35) Caprolactam	11.546	113	4156	3.079	ng	# 1
38) 1-Methylnaphthalene	12.487	142	242304	18.582	ng	# 97
51) 2,6-Dinitrotoluene	14.010	165	18337	4.992	ng	# 64
52) Acenaphthene	14.516	154	74932	6.035	ng	# 90
53) 3-Nitroaniline	14.363	138	16362	4.395	ng	# 35
55) Dibenzofuran	14.857	168	60027	2.829	ng	# 1
56) 4-Nitrophenol	14.751	139	17333	6.074	ng	# 24
57) 2,4-Dinitrotoluene	14.863	165	44330	8.793	ng	# 60
58) Fluorene	15.504	166	83846	4.864	ng	# 63
66) n-Nitrosodiphenylamine	15.728	169	381111	26.227	ng	# 47
71) Phenanthrene	17.257	178	205476	7.758	ng	# 87
78) Pyrene	19.580	202	171880	3.478	ng	# 93

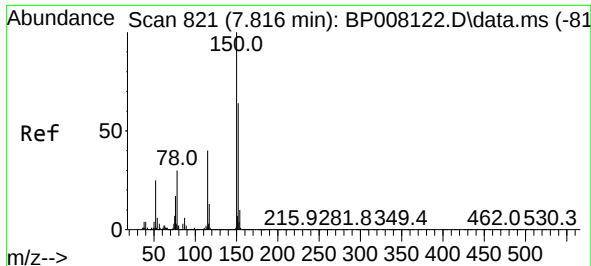
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
Data File : BP008209.D
Acq On : 03 Dec 2021 17:27
Operator : CG/JU
Sample : M4798-09
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
DUP-111721

Quant Time: Dec 03 18:17:17 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP112521.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 03 14:39:24 2021
Response via : Initial Calibration

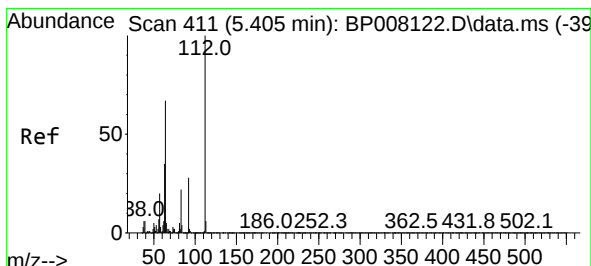
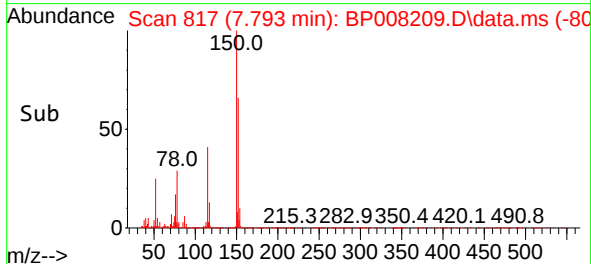
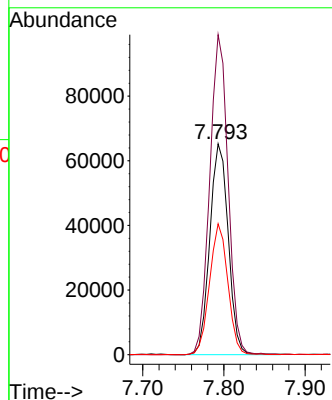
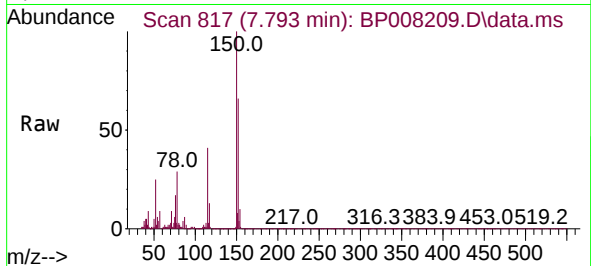




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

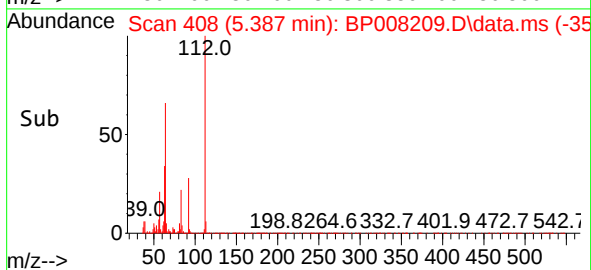
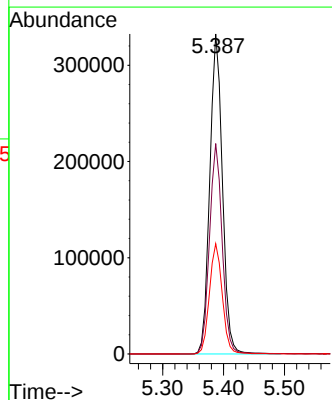
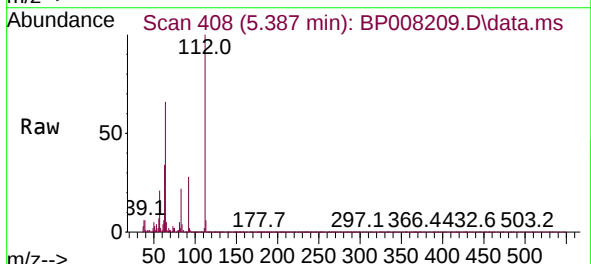
Instrument :
BNA_P
ClientSampleId :
DUP-111721

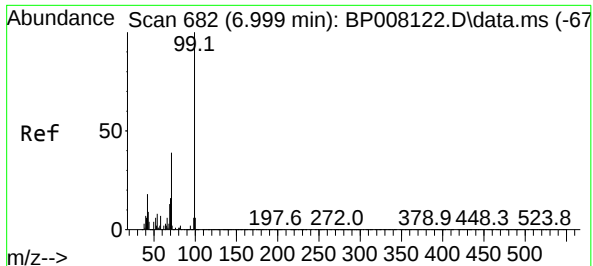
Tgt Ion:152 Resp: 103052
Ion Ratio Lower Upper
152 100
150 151.7 125.7 188.5
115 62.0 50.7 76.1



#5
2-Fluorophenol
Concen: 75.012 ng
RT: 5.387 min Scan# 408
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:112 Resp: 480106
Ion Ratio Lower Upper
112 100
64 65.7 53.4 80.2
63 34.5 27.8 41.8

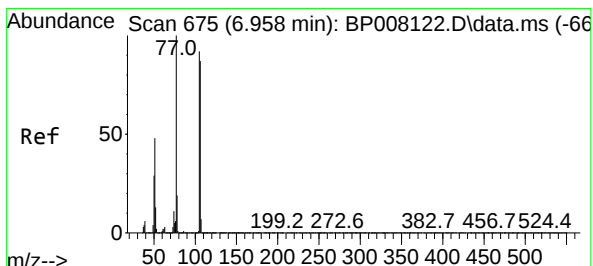
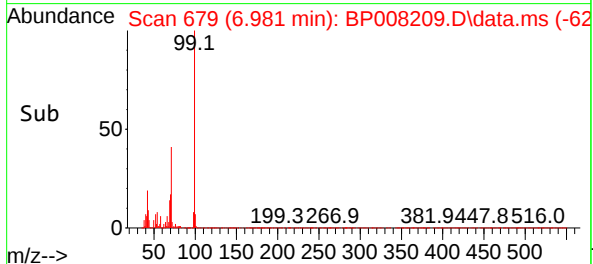
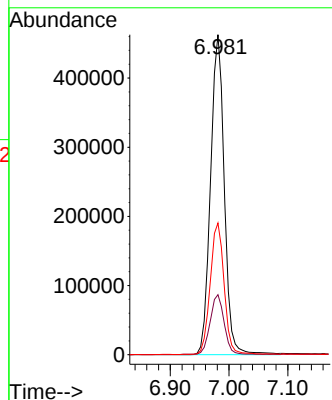
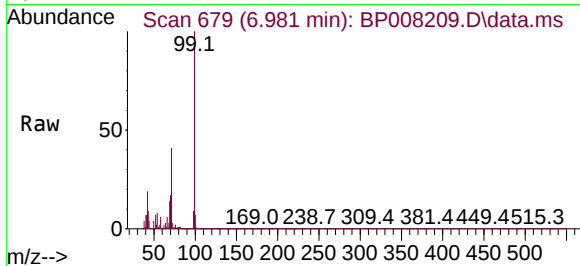




#7
Phenol-d6
Concen: 87.353 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

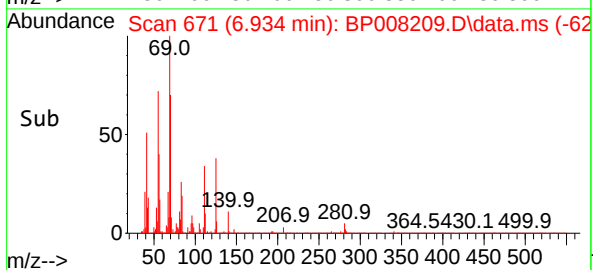
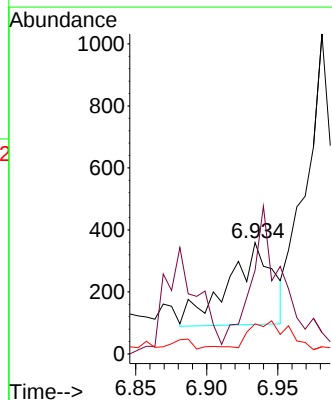
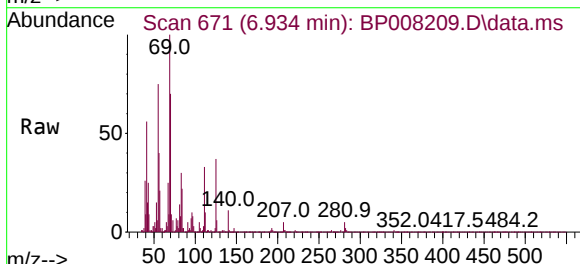
Instrument :
BNA_P
ClientSampleId :
DUP-111721

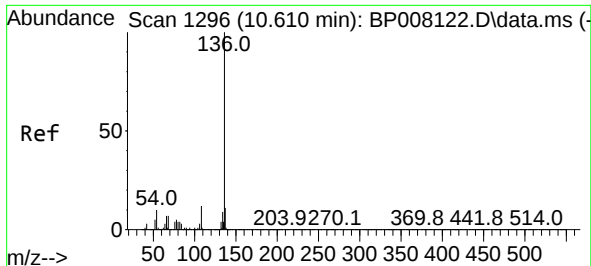
Tgt Ion: 99 Resp: 754732
Ion Ratio Lower Upper
99 100
42 18.8 14.6 22.0
71 41.1 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.934 min Scan# 671
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion: 77 Resp: 580
Ion Ratio Lower Upper
77 100
105 75.2 71.8 111.8
106 27.0 67.3 107.3#

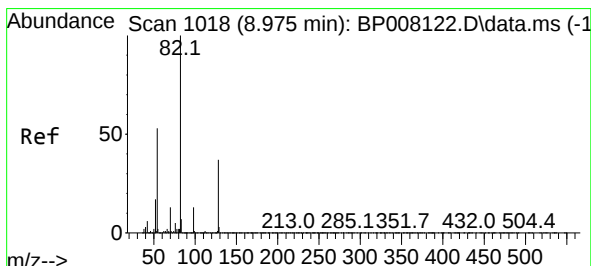
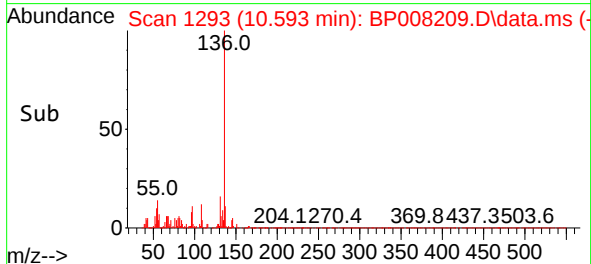
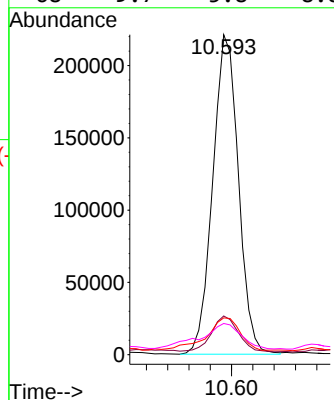
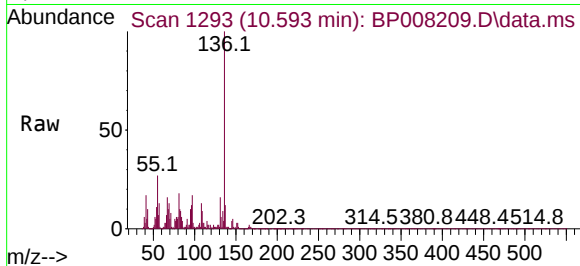




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

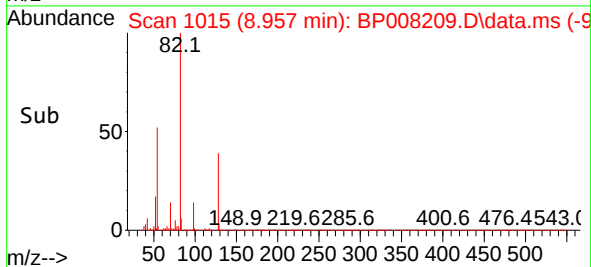
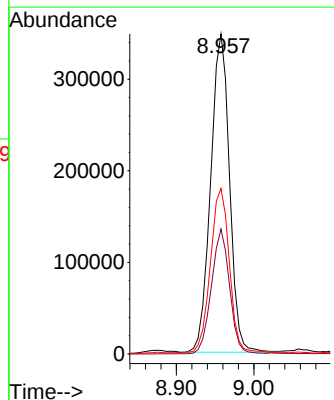
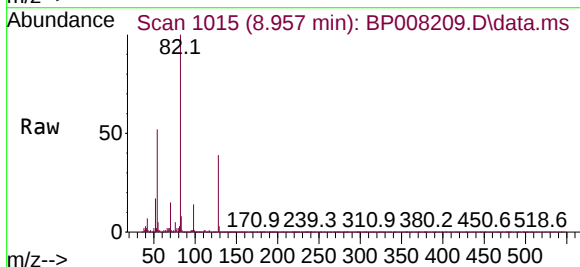
Instrument :
BNA_P
ClientSampleId :
DUP-111721

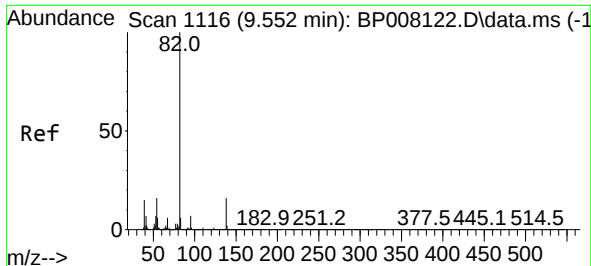
Tgt Ion:136 Resp: 369747
Ion Ratio Lower Upper
136 100
137 12.1 9.0 13.6
54 11.5 8.2 12.4
68 9.7 5.8 8.8#



#23
Nitrobenzene-d5
Concen: 72.195 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion: 82 Resp: 587025
Ion Ratio Lower Upper
82 100
128 39.0 29.6 44.4
54 51.7 42.7 64.1

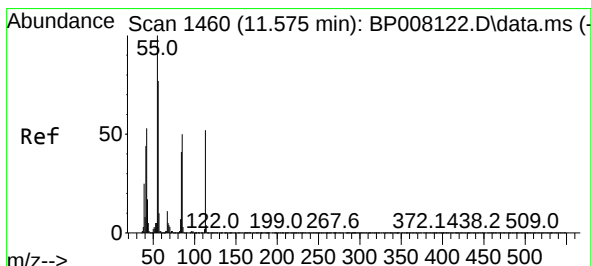
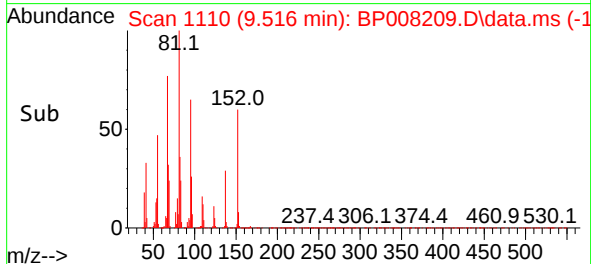
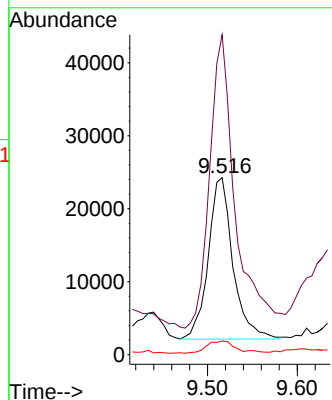
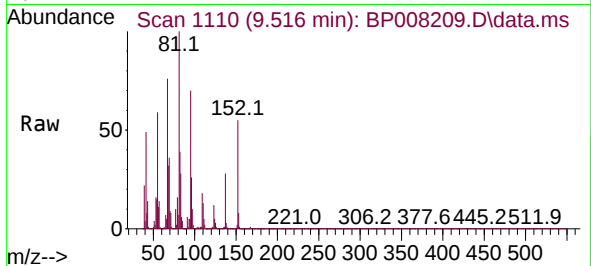




#25
Isophorone
Concen: 2.974 ng
RT: 9.516 min Scan# 1116
Delta R.T. -0.018 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

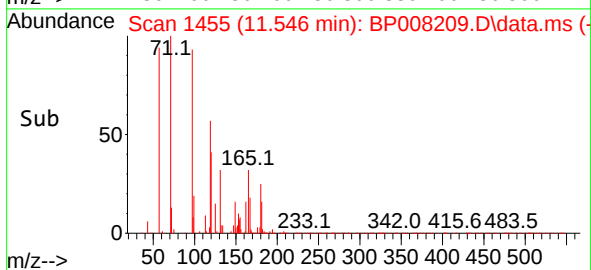
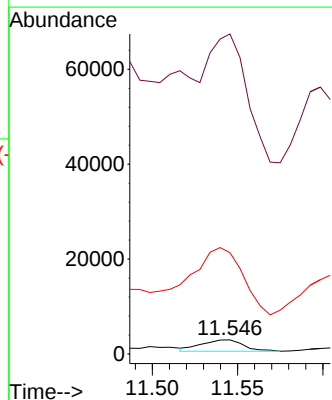
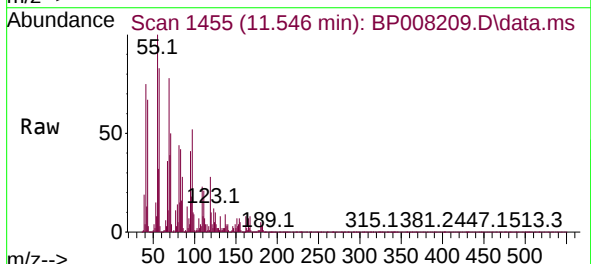
Instrument :
BNA_P
ClientSampleId :
DUP-111721

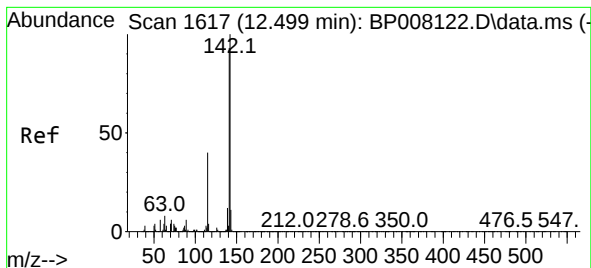
Tgt Ion: 82 Resp: 42301
Ion Ratio Lower Upper
82 100
95 180.9 5.9 8.9#
138 7.7 12.7 19.1#



#35
Caprolactam
Concen: 3.079 ng
RT: 11.546 min Scan# 1455
Delta R.T. -0.029 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion: 113 Resp: 4156
Ion Ratio Lower Upper
113 100
55 2267.2 174.2 214.2#
56 717.7 130.3 170.3#





#38

1-Methylnaphthalene

Concen: 18.582 ng

RT: 12.487 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

DUP-111721

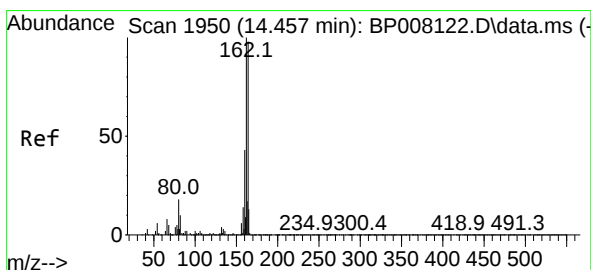
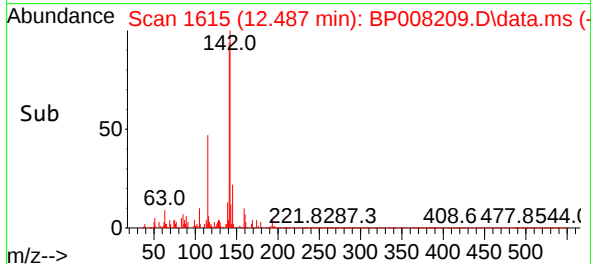
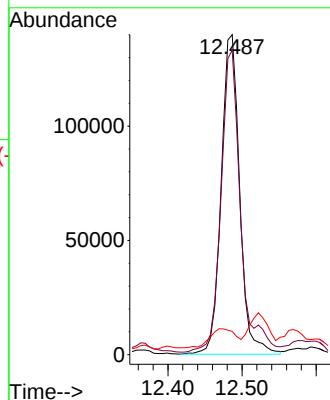
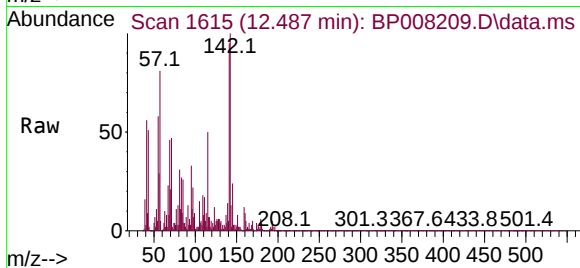
Tgt Ion:142 Resp: 242304

Ion Ratio Lower Upper

142 100

141 95.2 74.2 111.4

116 7.3 3.4 5.2#



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1949

Delta R.T. 0.006 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

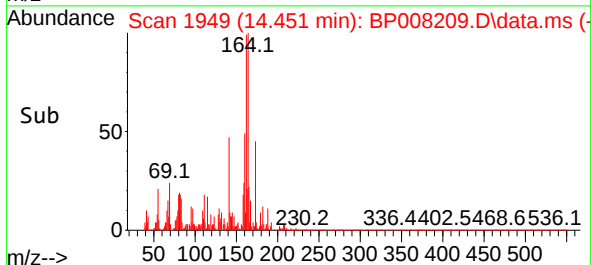
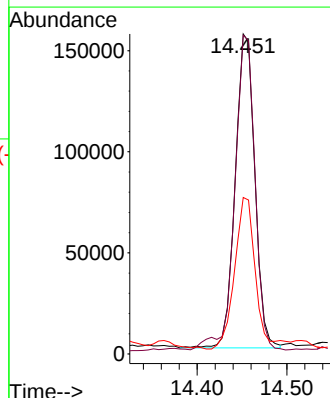
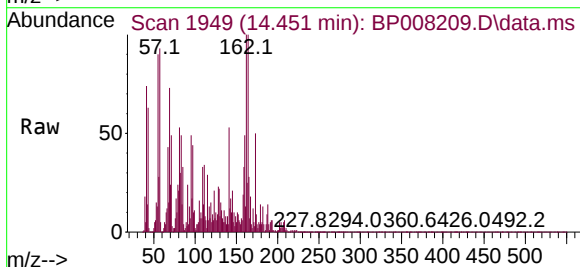
Tgt Ion:164 Resp: 235709

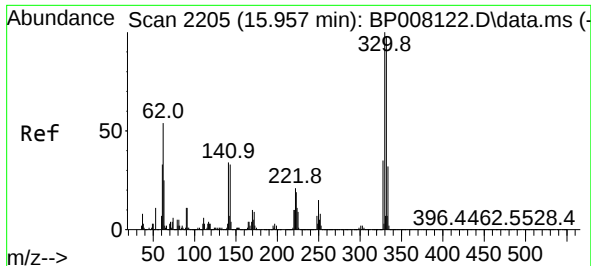
Ion Ratio Lower Upper

164 100

162 99.6 81.9 122.9

160 48.9 35.4 53.0

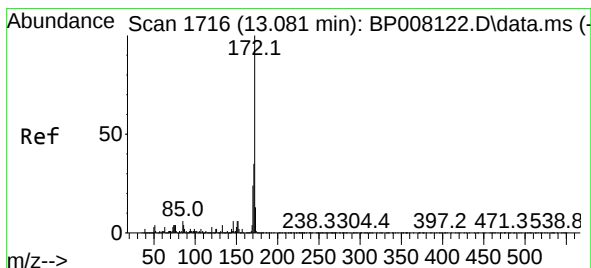
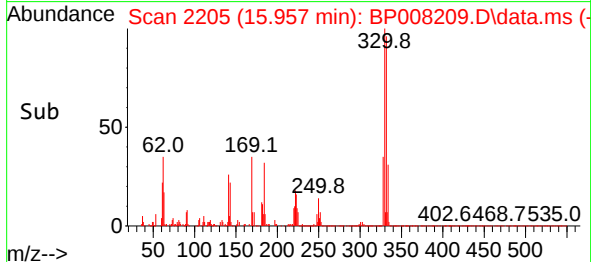
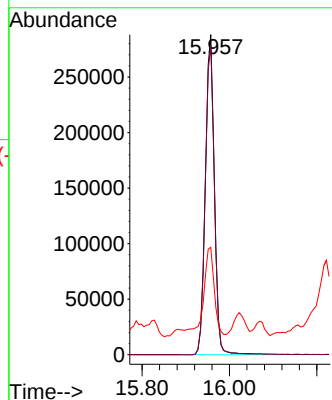
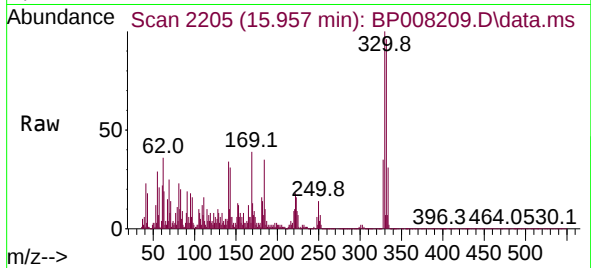




#42
2,4,6-Tribromophenol
Concen: 137.887 ng
RT: 15.957 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

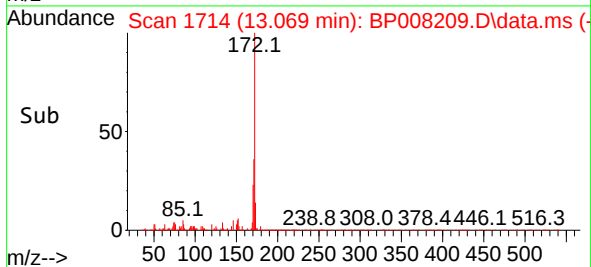
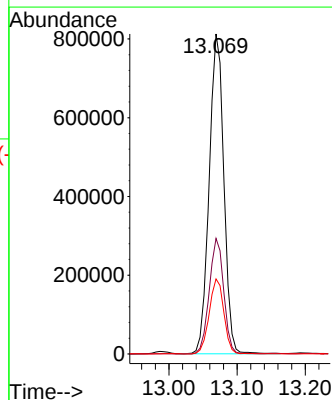
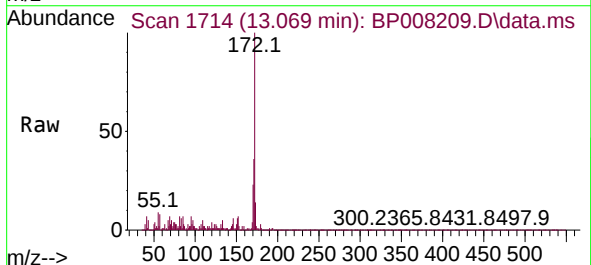
Instrument :
BNA_P
ClientSampleId :
DUP-111721

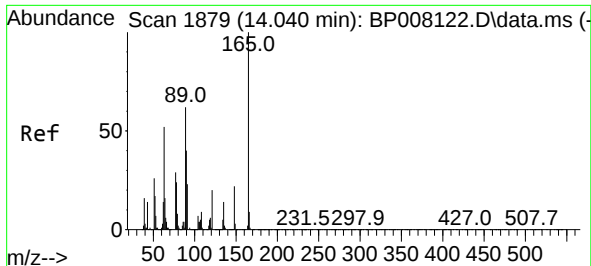
Tgt Ion:330 Resp: 415421
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 29.9 28.4 42.6



#45
2-Fluorobiphenyl
Concen: 74.982 ng
RT: 13.069 min Scan# 1714
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:172 Resp: 1216763
Ion Ratio Lower Upper
172 100
171 36.1 28.0 42.0
170 23.4 18.9 28.3

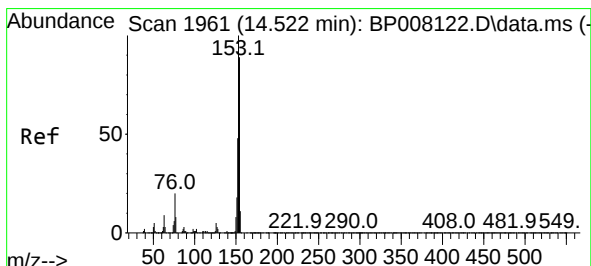
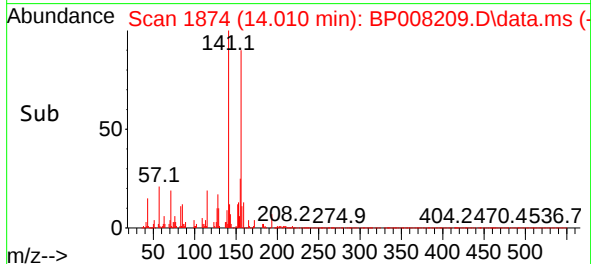
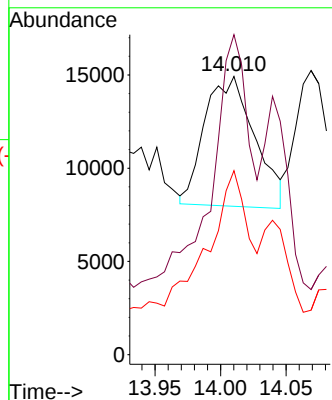
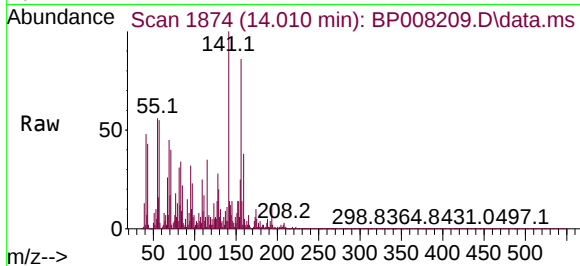




#51
2,6-Dinitrotoluene
Concen: 4.992 ng
RT: 14.010 min Scan# 1879
Delta R.T. -0.024 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

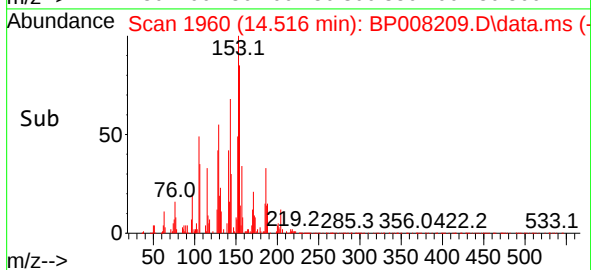
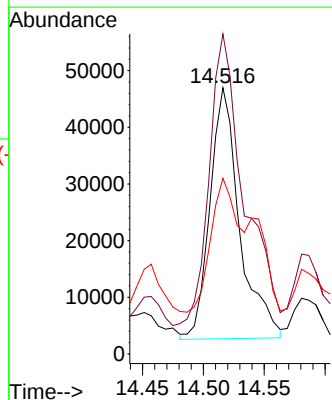
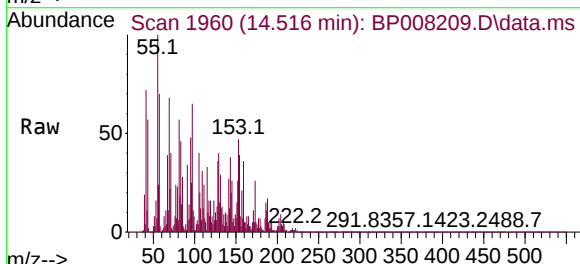
Instrument :
BNA_P
ClientSampleId :
DUP-111721

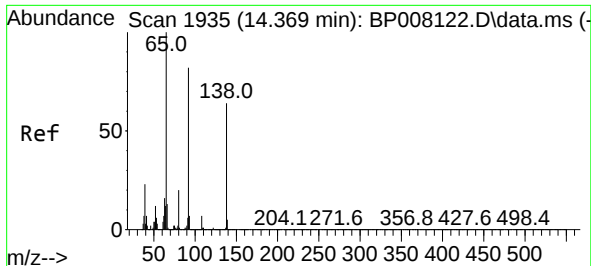
Tgt Ion:165 Resp: 18337
Ion Ratio Lower Upper
165 100
63 115.0 50.8 76.2#
89 66.1 50.0 75.0



#52
Acenaphthene
Concen: 6.035 ng
RT: 14.516 min Scan# 1960
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:154 Resp: 74932
Ion Ratio Lower Upper
154 100
153 120.2 90.3 135.5
152 66.0 43.3 64.9#

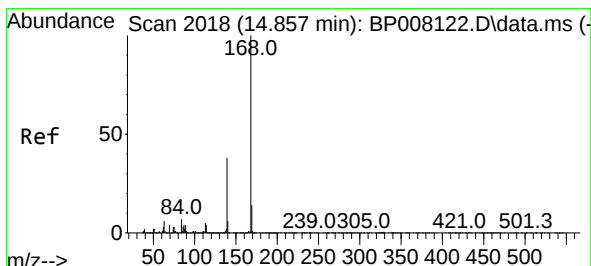
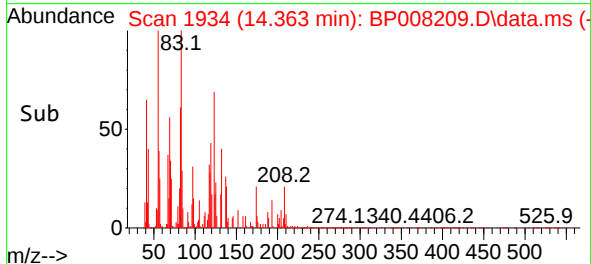
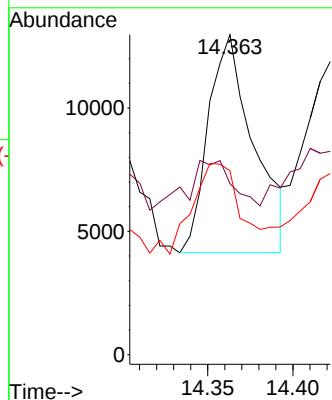
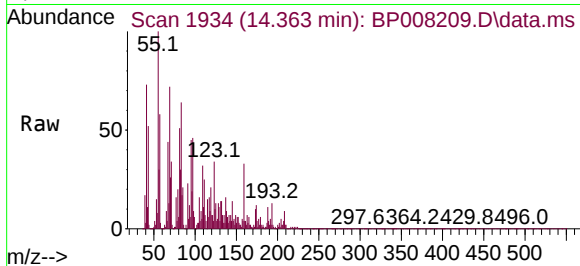




#53
3-Nitroaniline
Concen: 4.395 ng
RT: 14.363 min Scan# 1935
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

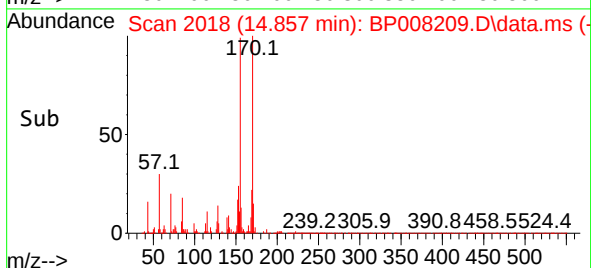
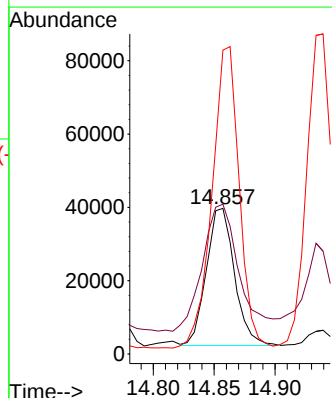
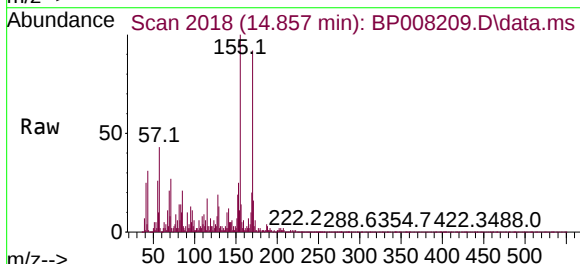
Instrument :
BNA_P
ClientSampleId :
DUP-111721

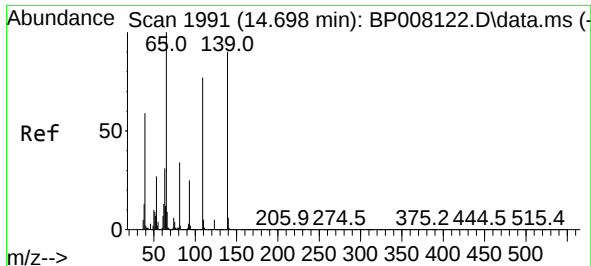
Tgt Ion:138 Resp: 16362
Ion Ratio Lower Upper
138 100
108 53.4 9.2 13.8#
92 57.5 102.9 154.3#



#55
Dibenzofuran
Concen: 2.829 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:168 Resp: 60027
Ion Ratio Lower Upper
168 100
139 102.8 30.6 46.0#
169 208.7 11.0 16.4#

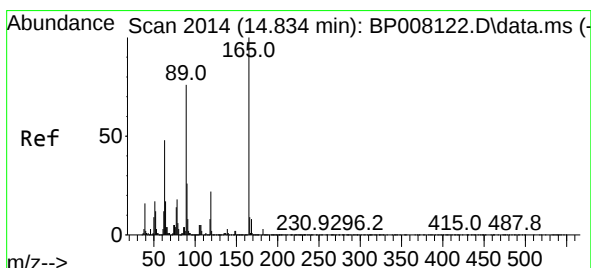
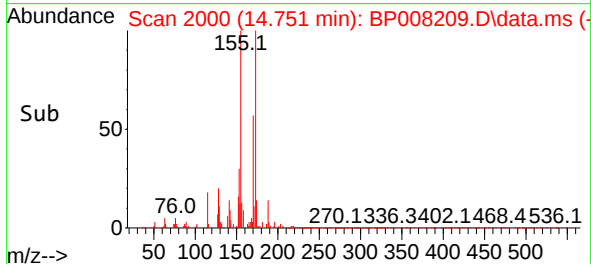
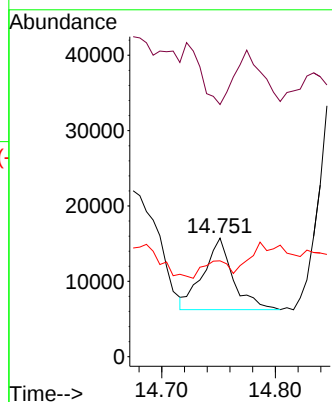
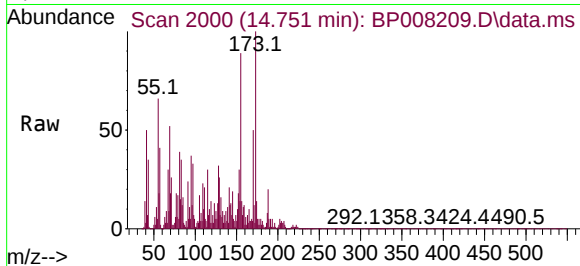




#56
4-Nitrophenol
Concen: 6.074 ng
RT: 14.751 min Scan# 2019
Delta R.T. 0.047 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

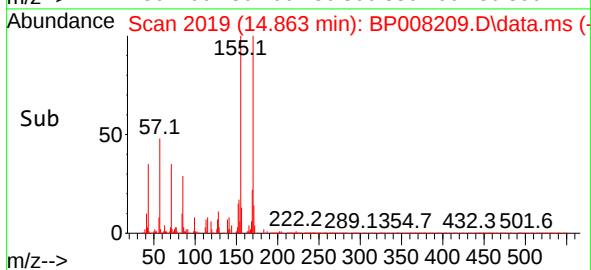
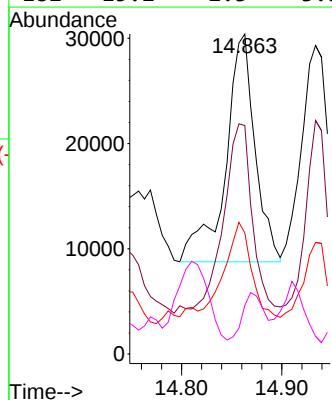
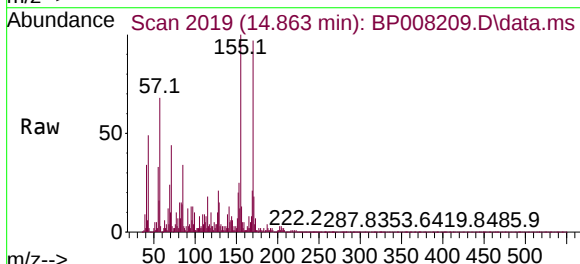
Instrument :
BNA_P
ClientSampleId :
DUP-111721

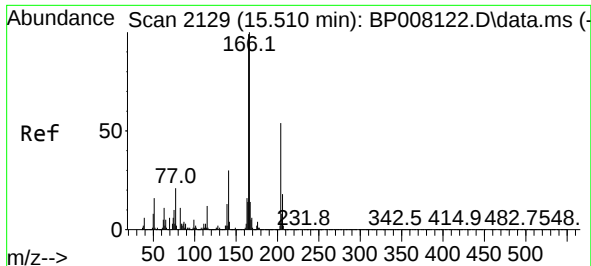
Tgt Ion:139 Resp: 17333
Ion Ratio Lower Upper
139 100
109 212.7 65.9 105.9#
65 80.8 91.9 131.9#



#57
2,4-Dinitrotoluene
Concen: 8.793 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.035 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:165 Resp: 44330
Ion Ratio Lower Upper
165 100
63 71.4 38.9 58.3#
89 37.8 60.5 90.7#
182 15.2 2.3 3.5#

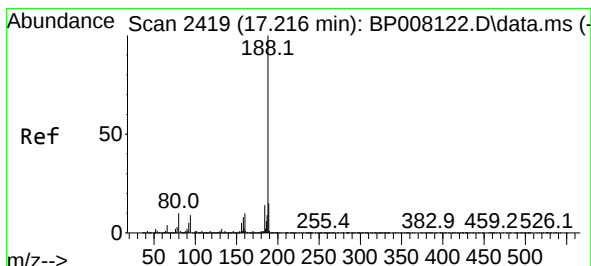
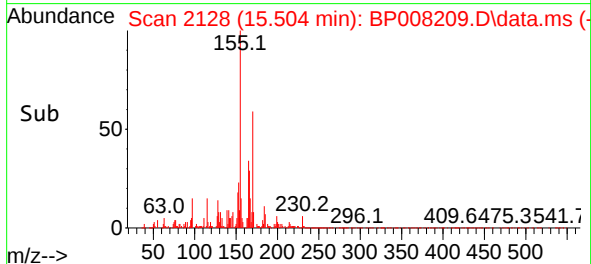
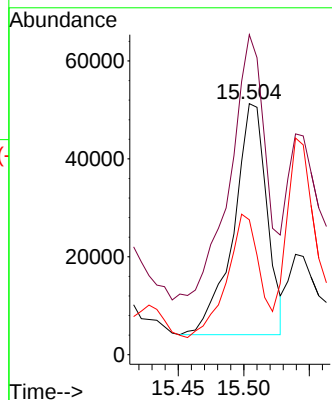
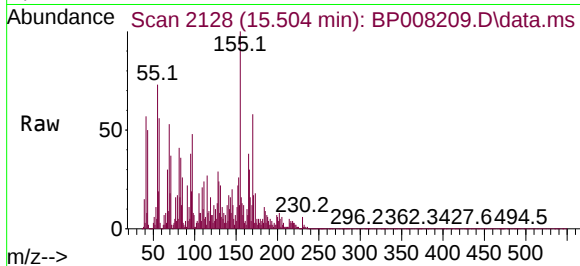




#58
Fluorene
Concen: 4.864 ng
RT: 15.504 min Scan# 2129
Delta R.T. -0.000 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

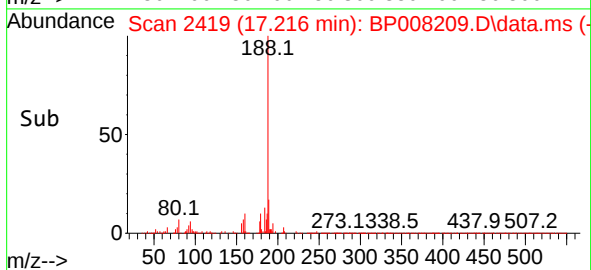
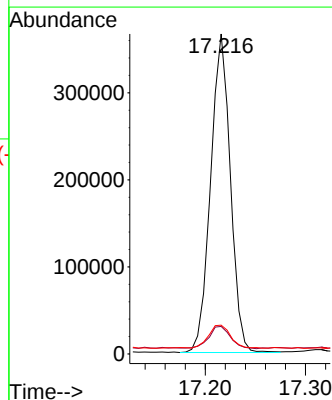
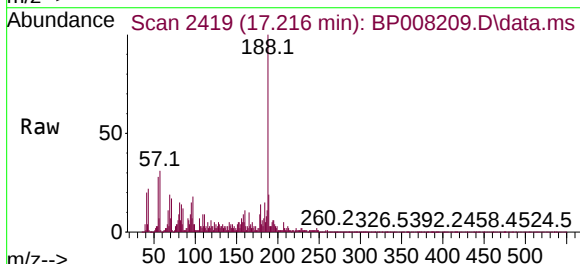
Instrument :
BNA_P
ClientSampleId :
DUP-111721

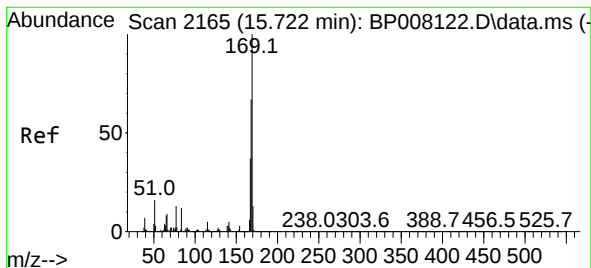
Tgt Ion:166 Resp: 83846
Ion Ratio Lower Upper
166 100
165 127.4 79.4 119.2#
167 53.7 10.9 16.3#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. 0.006 min
Lab File: BP008209.D
Acq: 03 Dec 2021 17:27

Tgt Ion:188 Resp: 501648
Ion Ratio Lower Upper
188 100
94 8.6 7.2 10.8
80 9.0 8.2 12.4





#66

n-Nitrosodiphenylamine

Concen: 26.227 ng

RT: 15.728 min Scan# 2165

Delta R.T. 0.012 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

DUP-111721

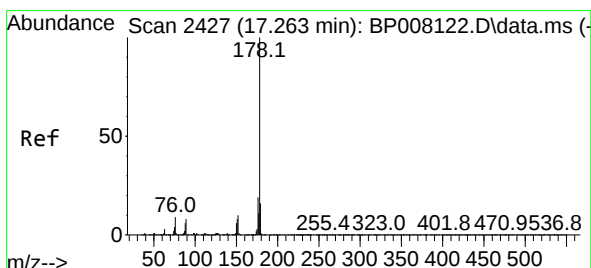
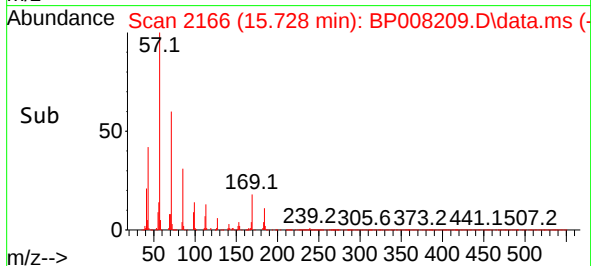
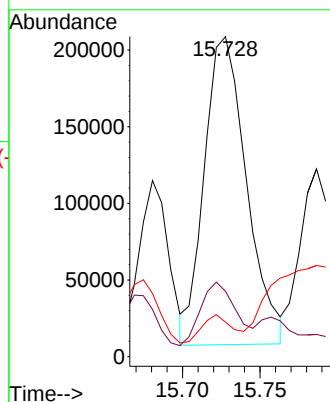
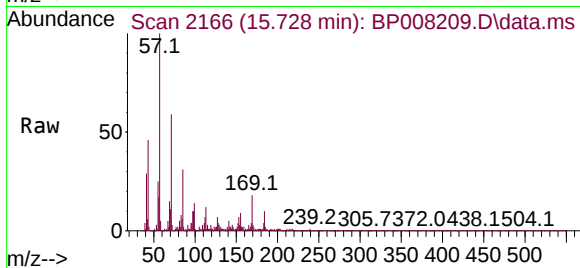
Tgt Ion:169 Resp: 381111

Ion Ratio Lower Upper

169 100

168 20.4 53.5 80.3#

167 10.8 29.3 43.9#



#71

Phenanthrene

Concen: 7.758 ng

RT: 17.257 min Scan# 2426

Delta R.T. 0.006 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

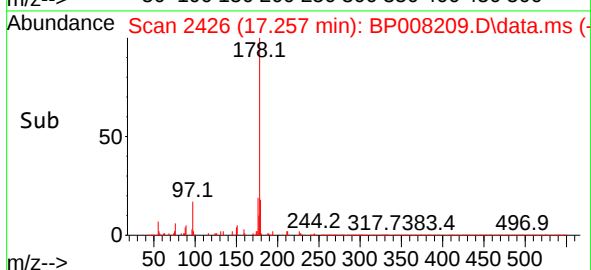
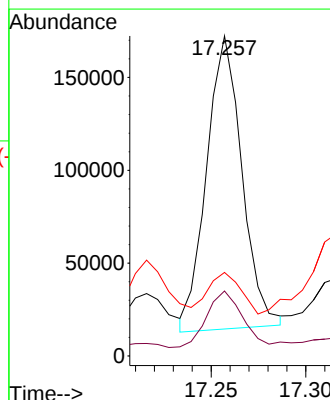
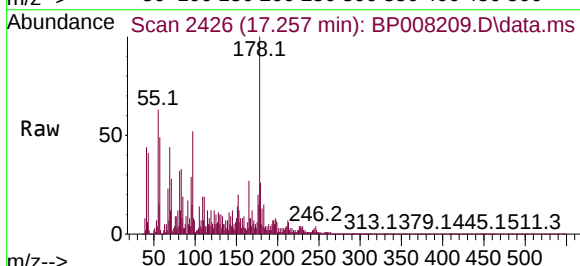
Tgt Ion:178 Resp: 205476

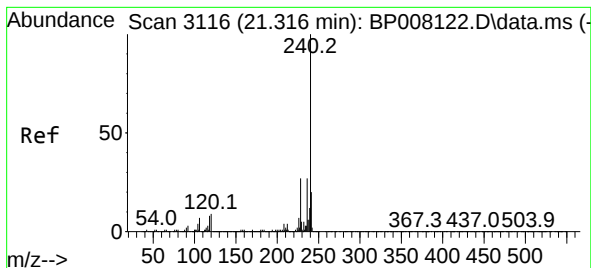
Ion Ratio Lower Upper

178 100

176 20.3 15.3 22.9

179 26.1 12.5 18.7#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3116

Delta R.T. -0.006 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

DUP-111721

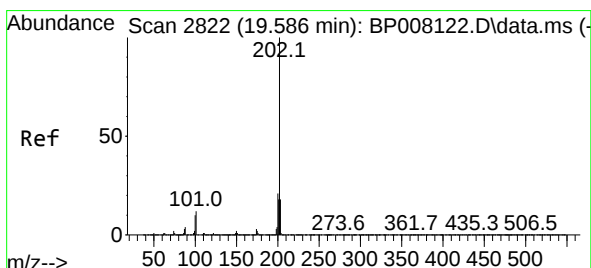
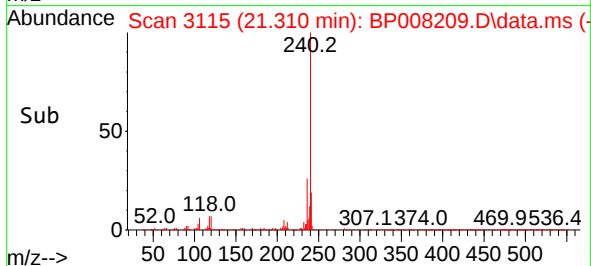
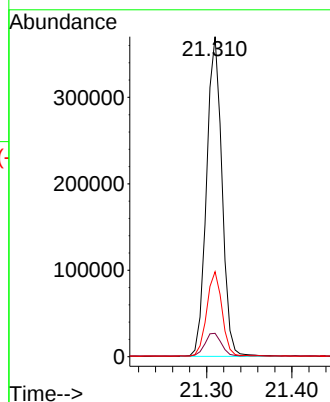
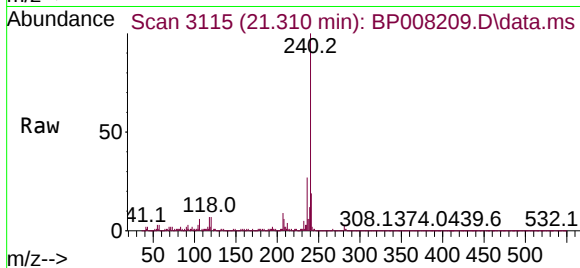
Tgt Ion:240 Resp: 465286

Ion Ratio Lower Upper

240 100

120 7.3 7.3 10.9

236 26.5 21.4 32.2



#78

Pyrene

Concen: 3.478 ng

RT: 19.580 min Scan# 2821

Delta R.T. -0.006 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

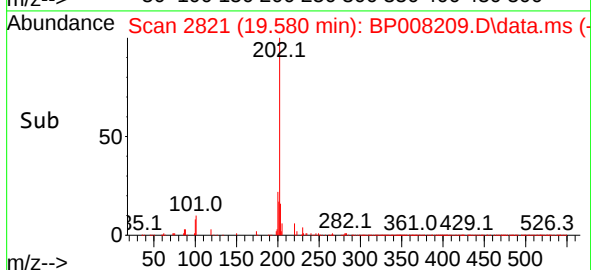
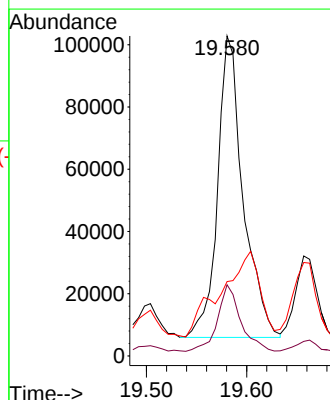
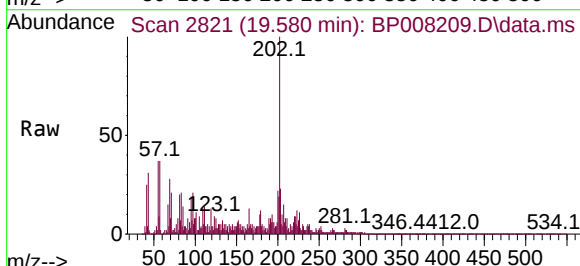
Tgt Ion:202 Resp: 171880

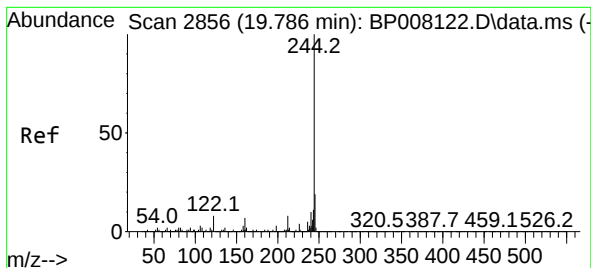
Ion Ratio Lower Upper

202 100

200 22.3 17.1 25.7

203 23.3 14.2 21.2#





#79

Terphenyl-d14

Concen: 91.597 ng

RT: 19.780 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

Instrument :

BNA_P

ClientSampleId :

DUP-111721

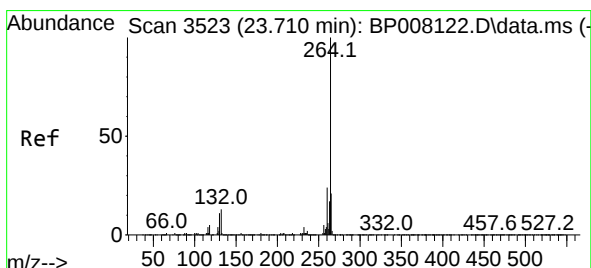
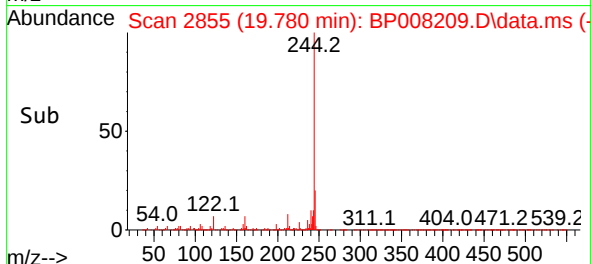
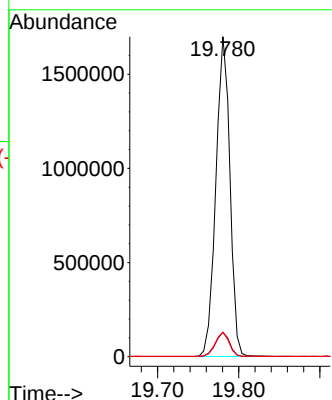
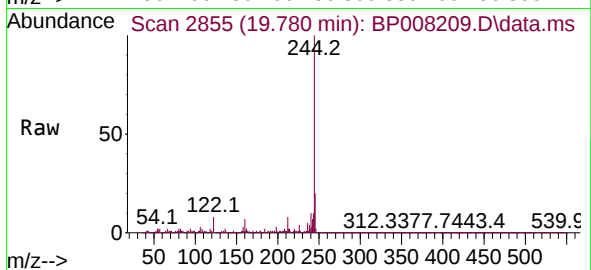
Tgt Ion:244 Resp: 2039251

Ion Ratio Lower Upper

244 100

212 7.6 6.0 9.0

122 7.6 6.6 9.8



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.704 min Scan# 3522

Delta R.T. -0.012 min

Lab File: BP008209.D

Acq: 03 Dec 2021 17:27

Tgt Ion:264 Resp: 414986

Ion Ratio Lower Upper

264 100

260 24.5 19.4 29.2

265 21.4 17.6 26.4

