

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP120321\
 Data File : BP008208.D
 Acq On : 03 Dec 2021 16:53
 Operator : CG/JU
 Sample : M4798-06
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-4.5

Quant Time: Dec 03 17:27:19 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)

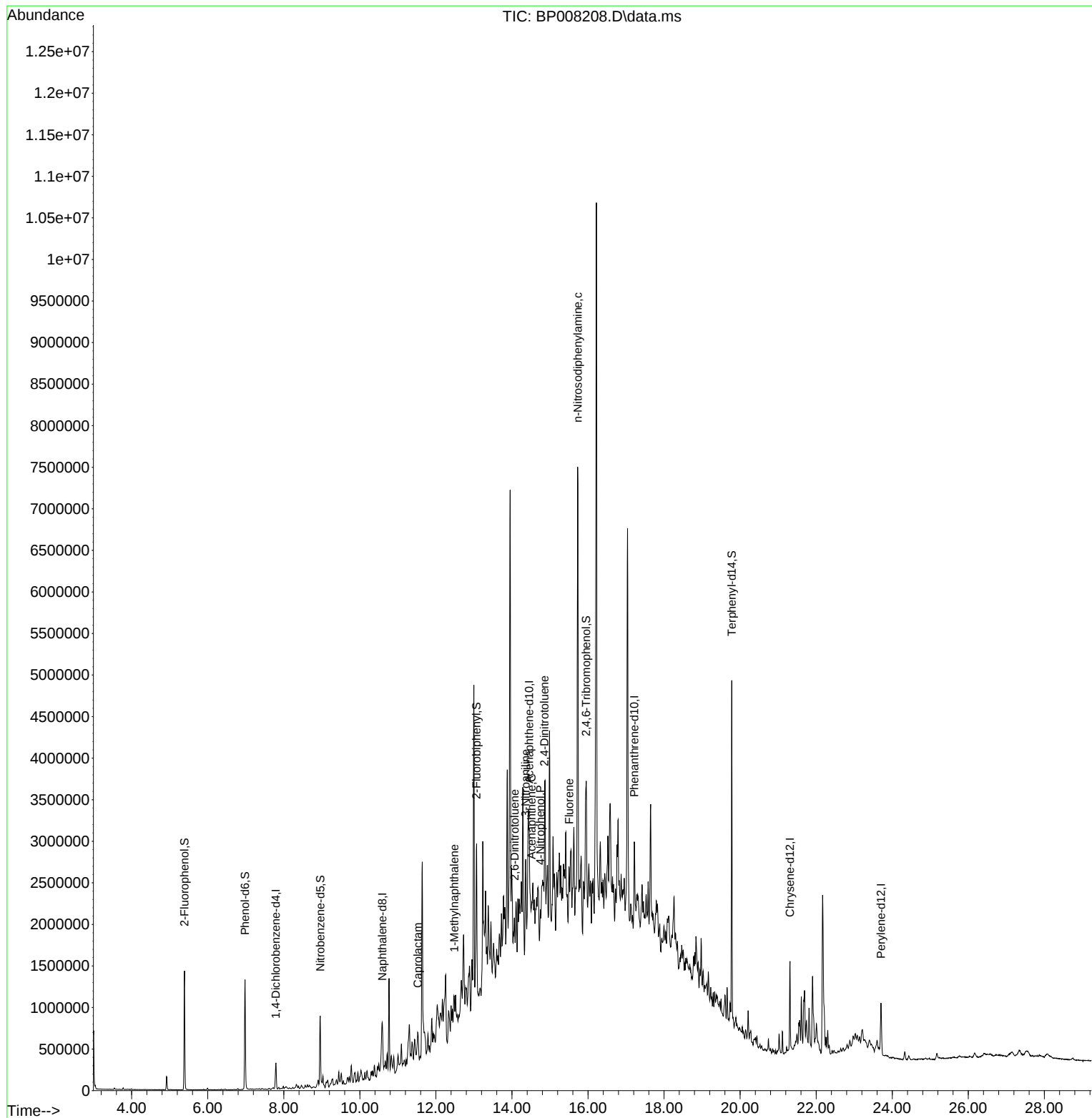
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	76744	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	287005	20.000	ng	# 0.00
39) Acenaphthene-d10	14.451	164	187822	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	412507	20.000	ng	0.00
76) Chrysene-d12	21.310	240	500791	20.000	ng	0.00
86) Perylene-d12	23.704	264	484211	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.387	112	558611	117.197	ng	0.00
7) Phenol-d6	6.981	99	718325	111.639	ng	0.00
23) Nitrobenzene-d5	8.957	82	500011	79.222	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	315336	131.353	ng	0.00
45) 2-Fluorobiphenyl	13.069	172	976566	75.523	ng	0.00
79) Terphenyl-d14	19.780	244	1873691	78.194	ng	0.00
Target Compounds						
						Qvalue
9) Benzaldehyde	6.905	77	46	Below Cal	#	39
35) Caprolactam	11.522	113	5515	5.263	ng	# 1
38) 1-Methylnaphthalene	12.481	142	64046	6.328	ng	# 98
51) 2,6-Dinitrotoluene	14.069	165	10510	3.591	ng	# 42
52) Acenaphthene	14.516	154	35127	3.550	ng	# 88
53) 3-Nitroaniline	14.357	138	16011	5.397	ng	# 27
56) 4-Nitrophenol	14.745	139	8115	3.569	ng	# 11
57) 2,4-Dinitrotoluene	14.857	165	18716	4.659	ng	# 62
58) Fluorene	15.504	166	32805	2.388	ng	# 59
66) n-Nitrosodiphenylamine	15.728	169	275917	23.091	ng	# 47

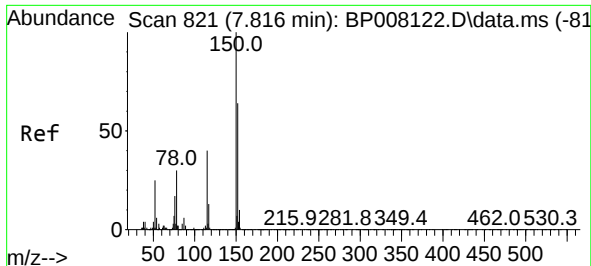
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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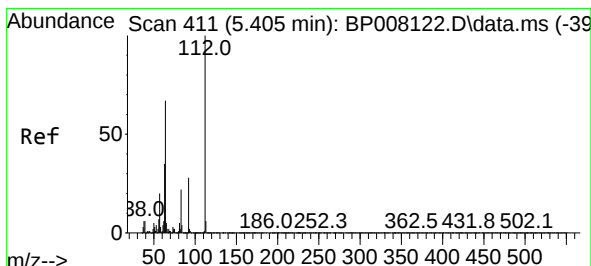
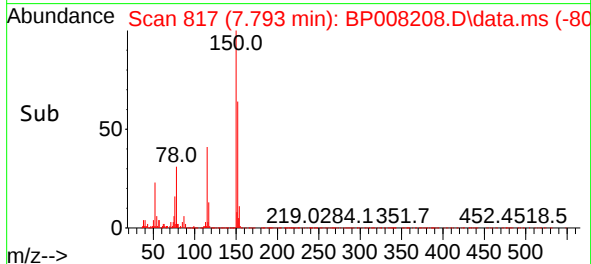
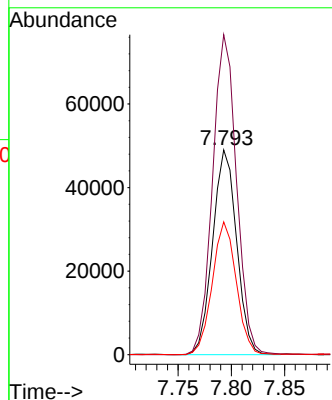
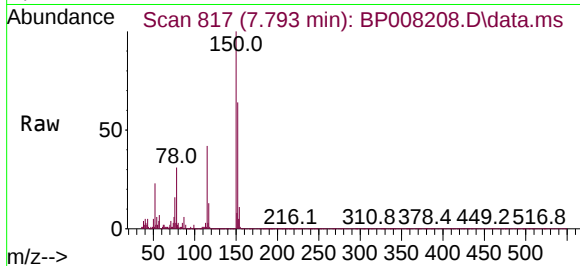




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.793 min Scan# 81
 Delta R.T. -0.006 min
 Lab File: BP008208.D
 Acq: 03 Dec 2021 16:53

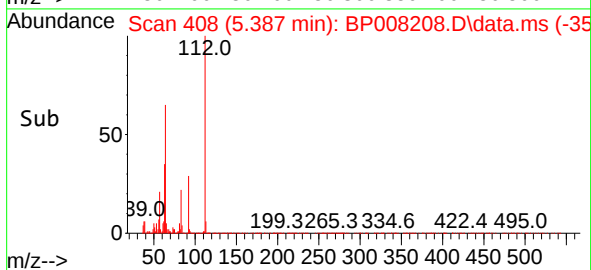
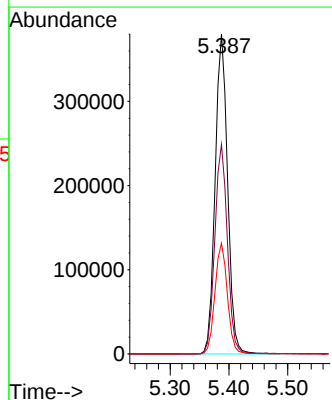
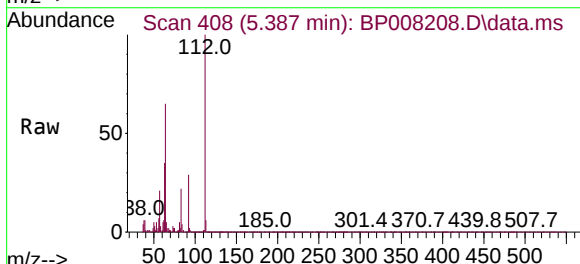
Instrument :
 BNA_P
 ClientSampleId :
 SB-3-4.5

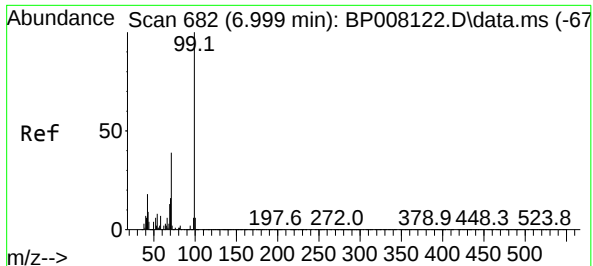
Tgt Ion:152 Resp: 76744
 Ion Ratio Lower Upper
 152 100
 150 156.2 125.7 188.5
 115 64.8 50.7 76.1



#5
 2-Fluorophenol
 Concen: 117.197 ng
 RT: 5.387 min Scan# 408
 Delta R.T. -0.000 min
 Lab File: BP008208.D
 Acq: 03 Dec 2021 16:53

Tgt Ion:112 Resp: 558611
 Ion Ratio Lower Upper
 112 100
 64 65.5 53.4 80.2
 63 34.6 27.8 41.8

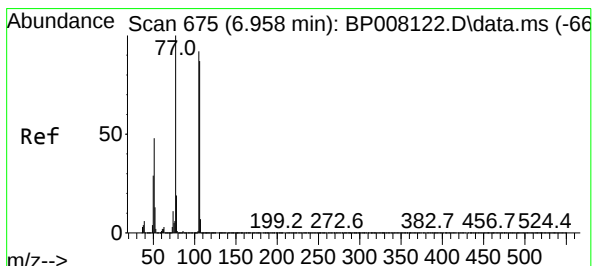
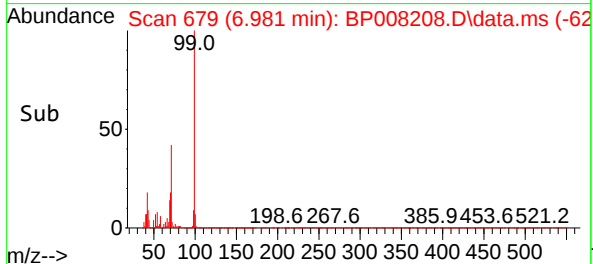
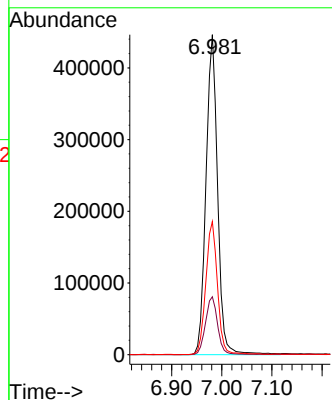
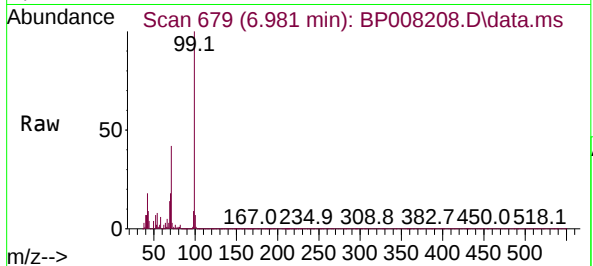




#7
Phenol-d6
Concen: 111.639 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

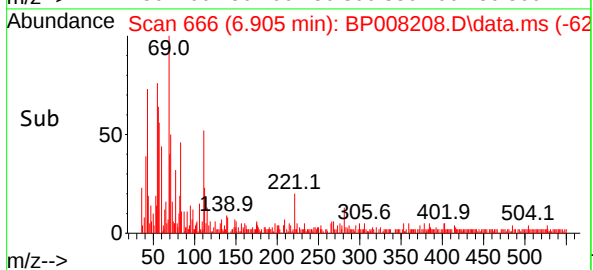
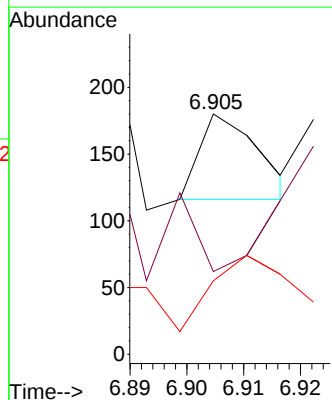
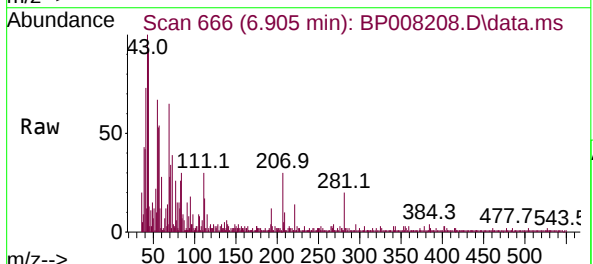
Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

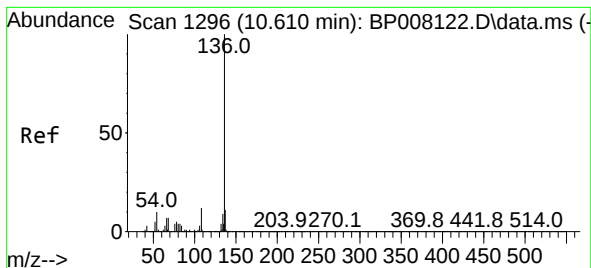
Tgt Ion: 99 Resp: 718325
Ion Ratio Lower Upper
99 100
42 18.1 14.6 22.0
71 41.6 31.1 46.7



#9
Benzaldehyde
Concen: Below Cal
RT: 6.905 min Scan# 666
Delta R.T. -0.035 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Tgt Ion: 77 Resp: 46
Ion Ratio Lower Upper
77 100
105 34.4 71.8 111.8#
106 30.6 67.3 107.3#



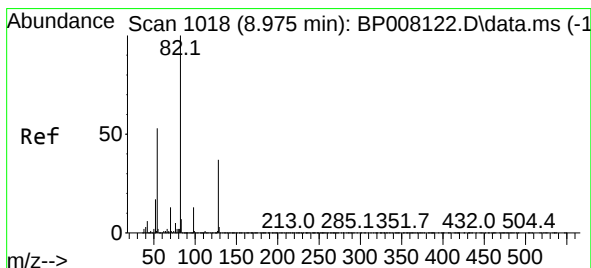
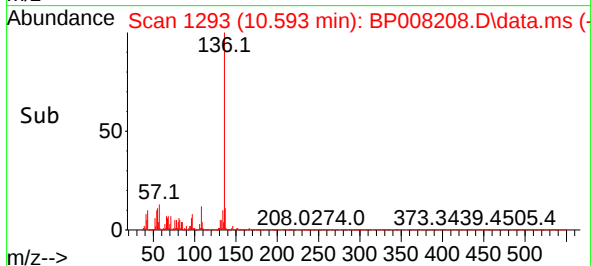
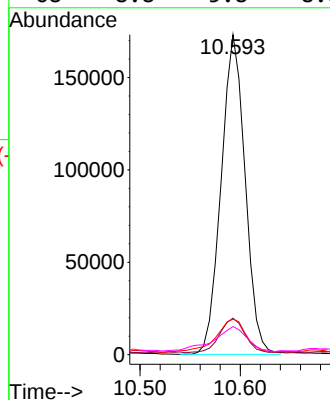
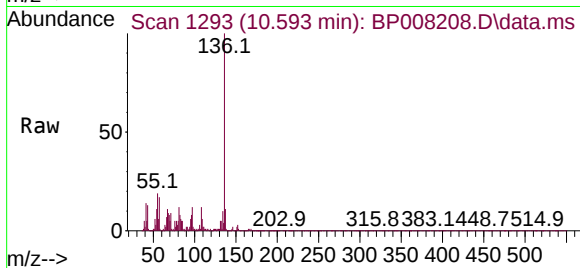


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.593 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

Tgt Ion: 136 Resp: 287005

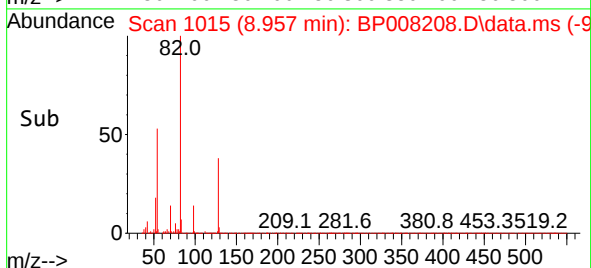
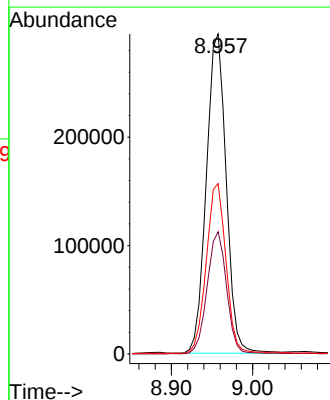
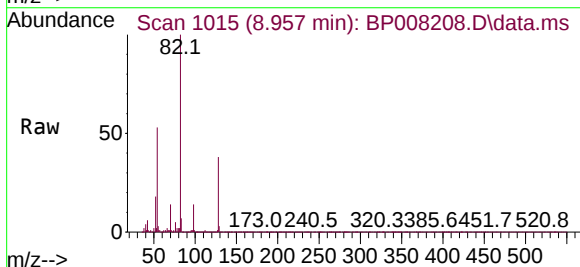
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.1	8.2	12.4
68	8.8	5.8	8.8#

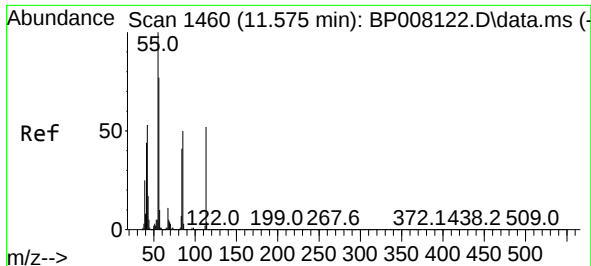


#23
Nitrobenzene-d5
Concen: 79.222 ng
RT: 8.957 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Tgt Ion: 82 Resp: 500011

Ion	Ratio	Lower	Upper
82	100		
128	38.2	29.6	44.4
54	53.2	42.7	64.1

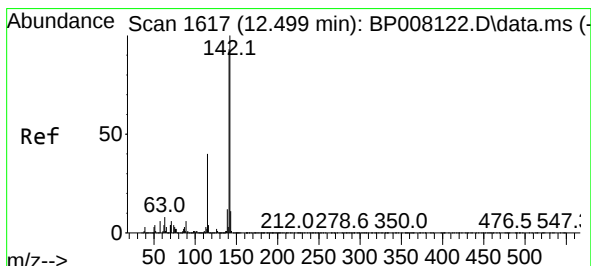
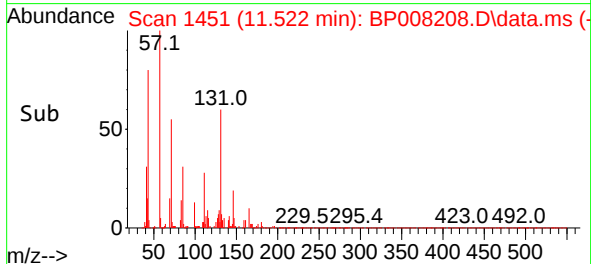
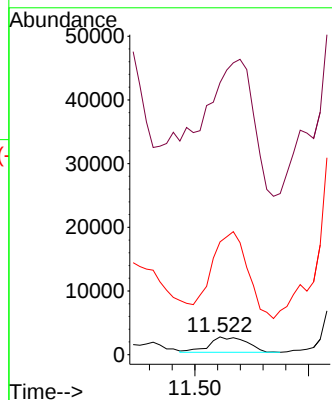
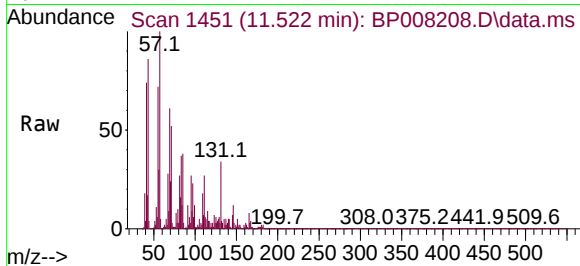




#35
Caprolactam
Concen: 5.263 ng
RT: 11.522 min Scan# 1460
Delta R.T. -0.053 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

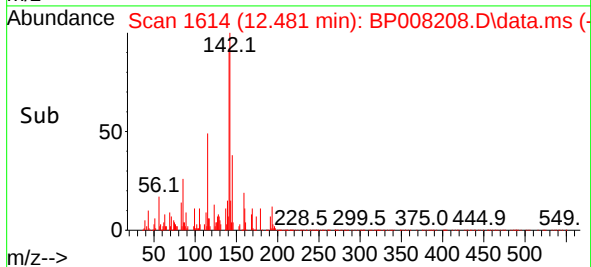
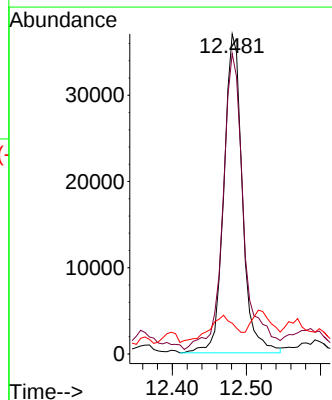
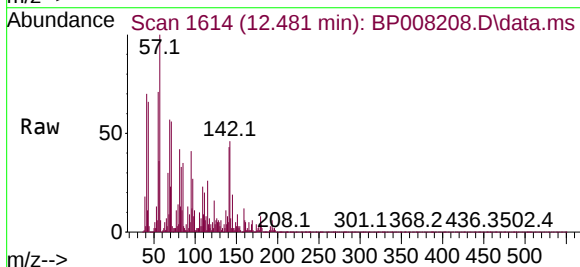
Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

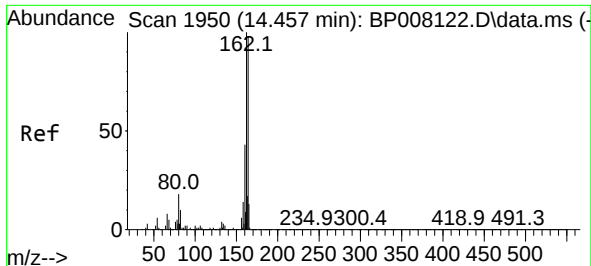
Tgt Ion:113 Resp: 5515
Ion Ratio Lower Upper
113 100
55 1533.9 174.2 214.2#
56 636.5 130.3 170.3#



#38
1-Methylnaphthalene
Concen: 6.328 ng
RT: 12.481 min Scan# 1614
Delta R.T. 0.000 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Tgt Ion:142 Resp: 64046
Ion Ratio Lower Upper
142 100
141 93.8 74.2 111.4
116 9.6 3.4 5.2#

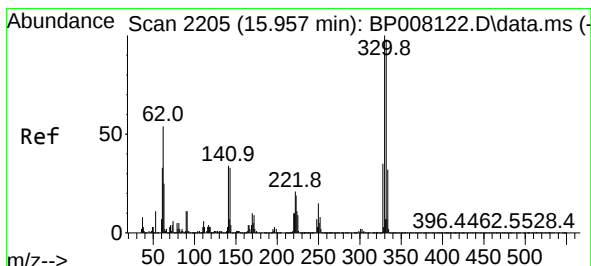
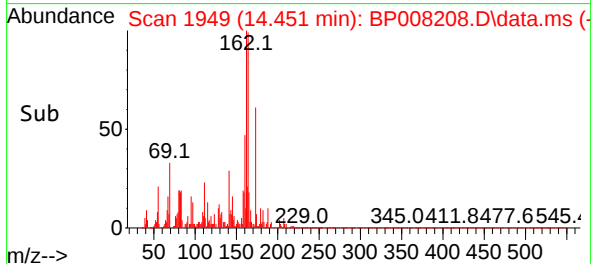
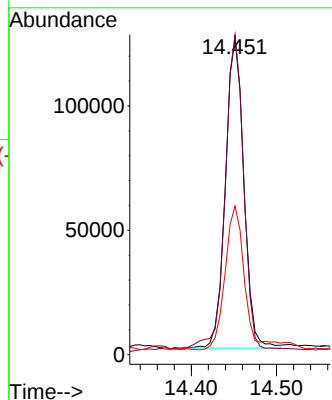
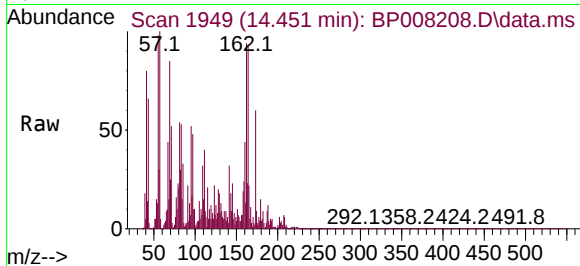




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

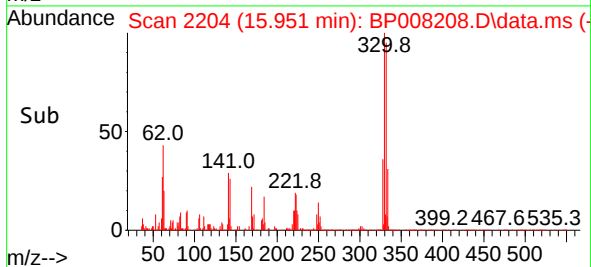
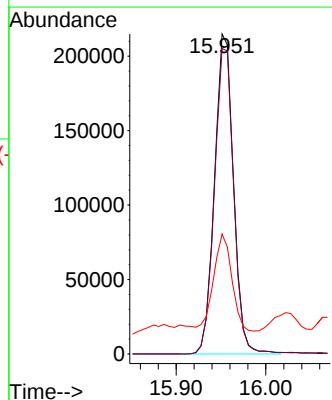
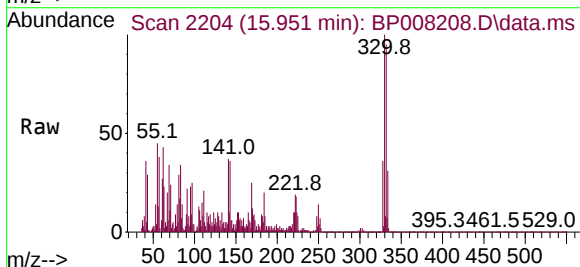
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ClientSampleId :
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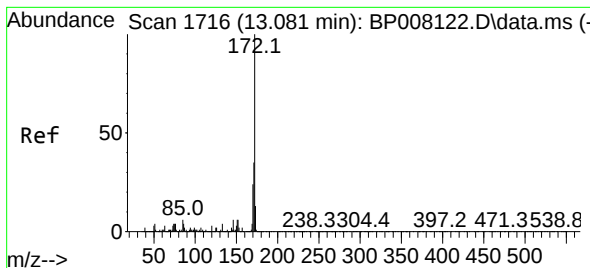
Tgt Ion:164 Resp: 187822
Ion Ratio Lower Upper
164 100
162 101.3 81.9 122.9
160 47.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 131.353 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.000 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Tgt Ion:330 Resp: 315336
Ion Ratio Lower Upper
330 100
332 97.4 77.0 115.4
141 29.1 28.4 42.6





#45

2-Fluorobiphenyl

Concen: 75.523 ng

RT: 13.069 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP008208.D

Acq: 03 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

SB-3-4.5

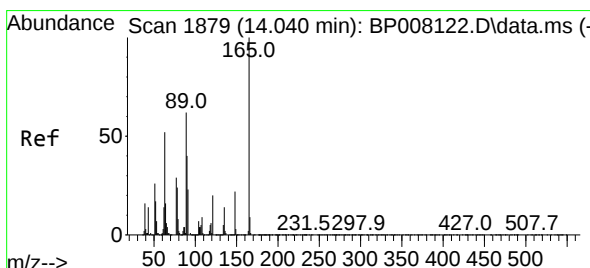
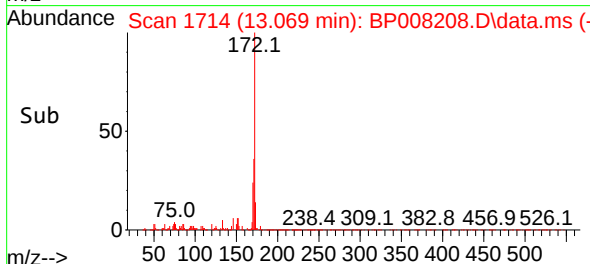
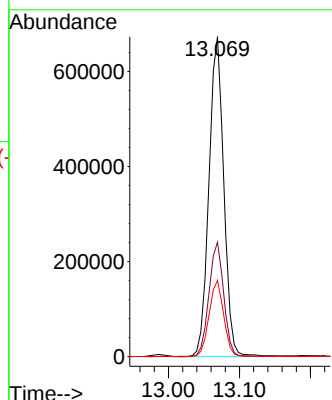
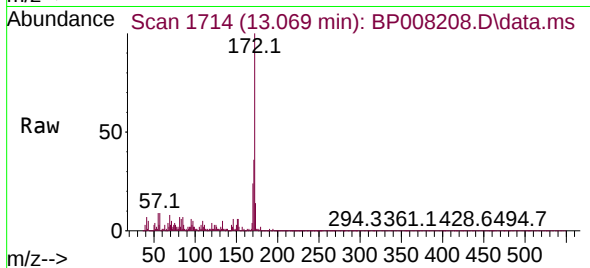
Tgt Ion:172 Resp: 976566

Ion Ratio Lower Upper

172 100

171 35.8 28.0 42.0

170 23.9 18.9 28.3



#51

2,6-Dinitrotoluene

Concen: 3.591 ng

RT: 14.069 min Scan# 1884

Delta R.T. 0.035 min

Lab File: BP008208.D

Acq: 03 Dec 2021 16:53

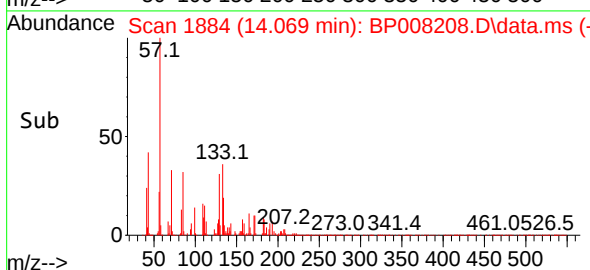
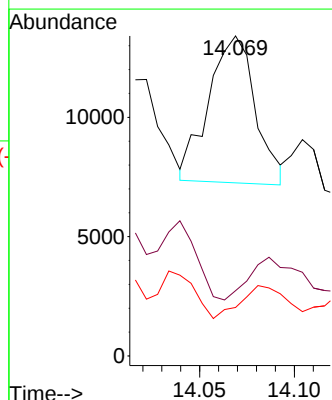
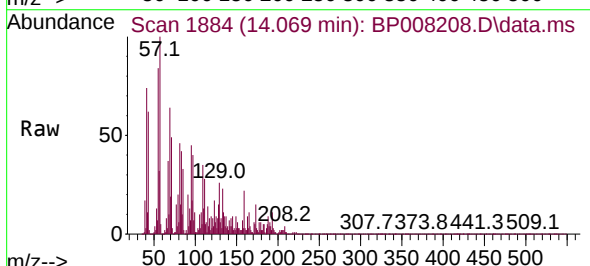
Tgt Ion:165 Resp: 10510

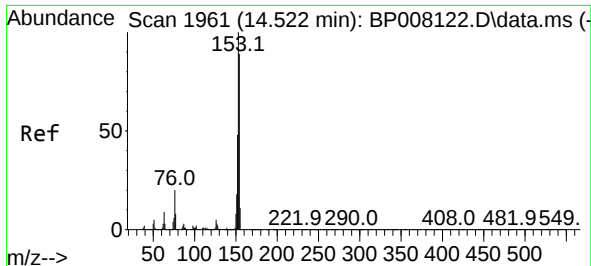
Ion Ratio Lower Upper

165 100

63 20.4 50.8 76.2#

89 15.2 50.0 75.0#

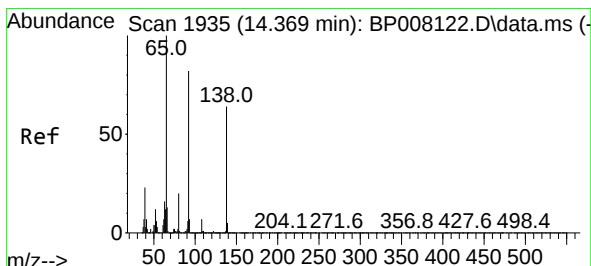
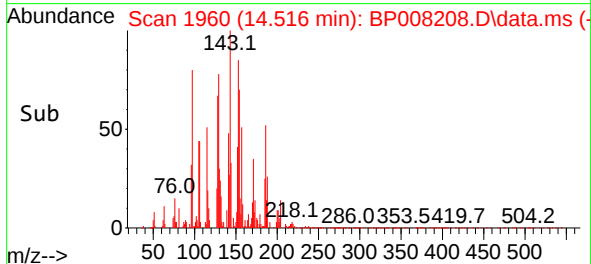
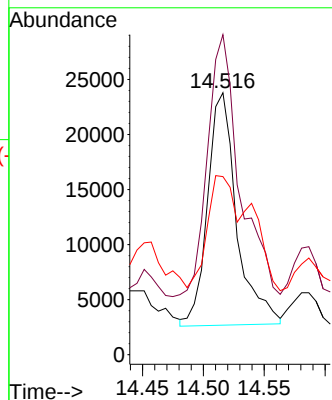
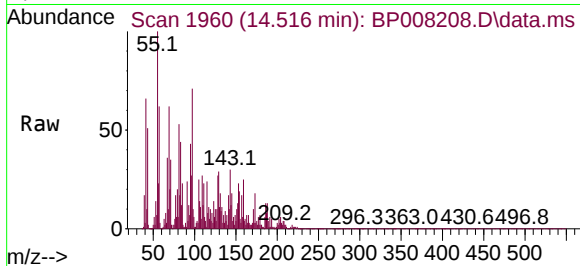




#52
Acenaphthene
Concen: 3.550 ng
RT: 14.516 min Scan# 1960
Delta R.T. 0.000 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

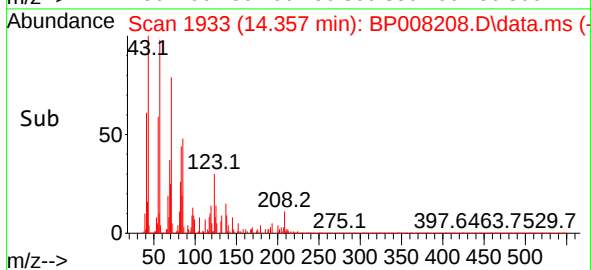
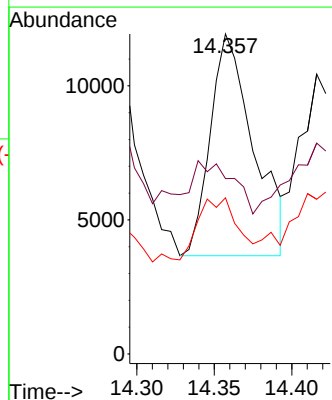
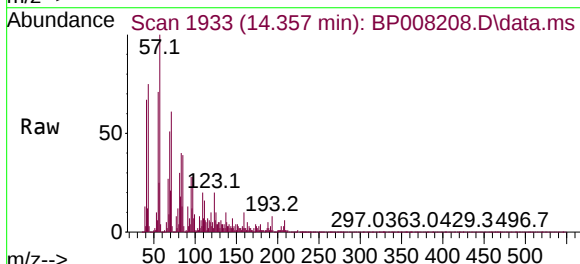
Instrument :
BNA_P
ClientSampleId :
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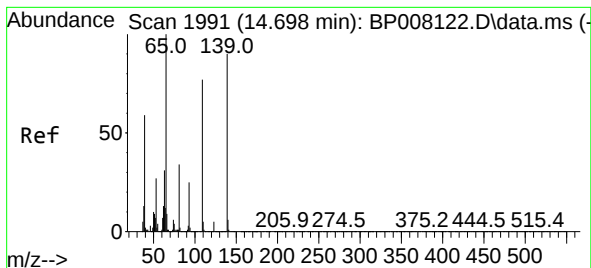
Tgt Ion:154 Resp: 35127
Ion Ratio Lower Upper
154 100
153 122.2 90.3 135.5
152 68.0 43.3 64.9#



#53
3-Nitroaniline
Concen: 5.397 ng
RT: 14.357 min Scan# 1933
Delta R.T. -0.006 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Tgt Ion:138 Resp: 16011
Ion Ratio Lower Upper
138 100
108 54.8 9.2 13.8#
92 48.8 102.9 154.3#

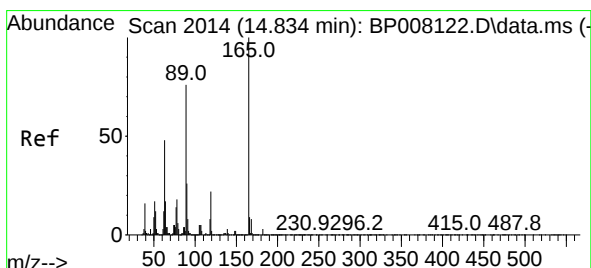
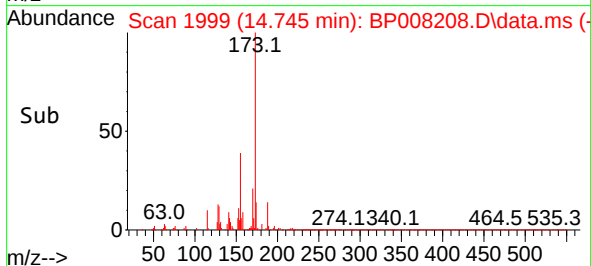
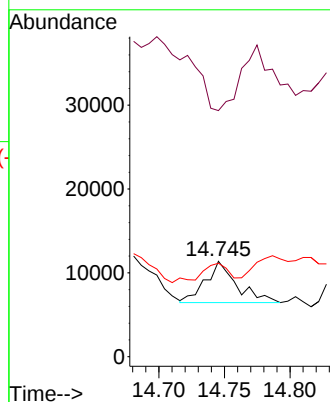
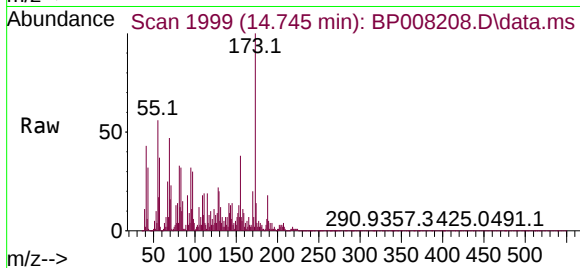




#56
4-Nitrophenol
Concen: 3.569 ng
RT: 14.745 min Scan# 1999
Delta R.T. 0.041 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

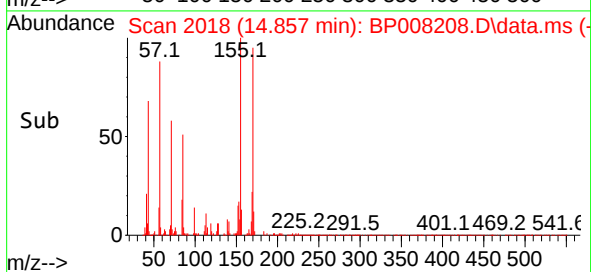
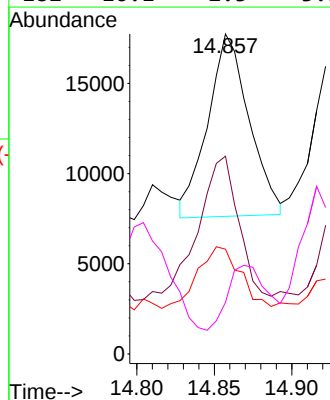
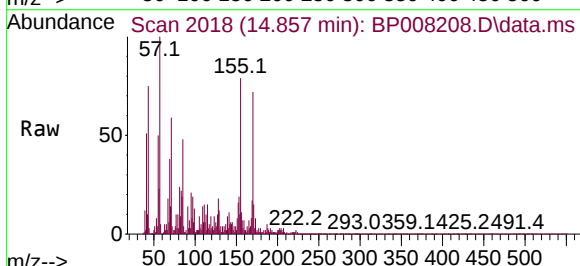
Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

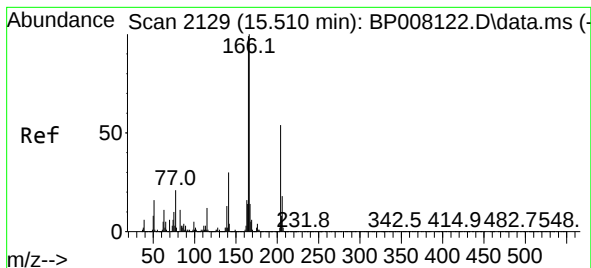
Tgt Ion:139 Resp: 8115
Ion Ratio Lower Upper
139 100
109 257.9 65.9 105.9#
65 97.9 91.9 131.9



#57
2,4-Dinitrotoluene
Concen: 4.659 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.029 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Tgt Ion:165 Resp: 18716
Ion Ratio Lower Upper
165 100
63 61.8 38.9 58.3#
89 32.8 60.5 90.7#
182 16.1 2.3 3.5#





#58

Fluorene

Concen: 2.388 ng

RT: 15.504 min Scan# 2129

Delta R.T. 0.000 min

Lab File: BP008208.D

Acq: 03 Dec 2021 16:53

Instrument :

BNA_P

ClientSampleId :

SB-3-4.5

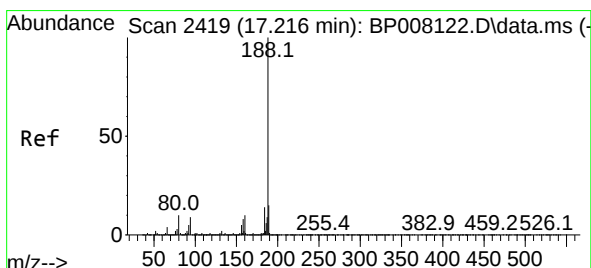
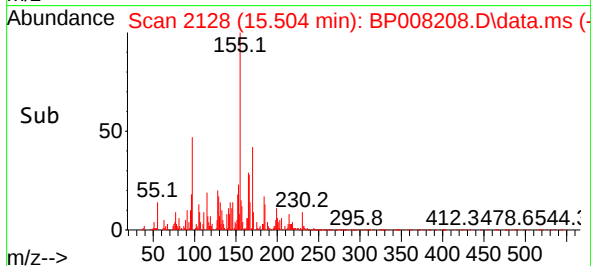
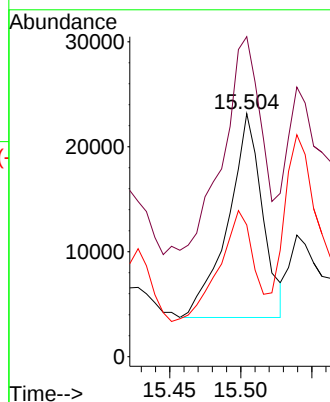
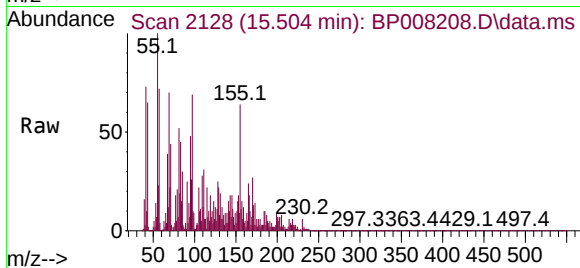
Tgt Ion:166 Resp: 32805

Ion Ratio Lower Upper

166 100

165 131.7 79.4 119.2#

167 54.2 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: BP008208.D

Acq: 03 Dec 2021 16:53

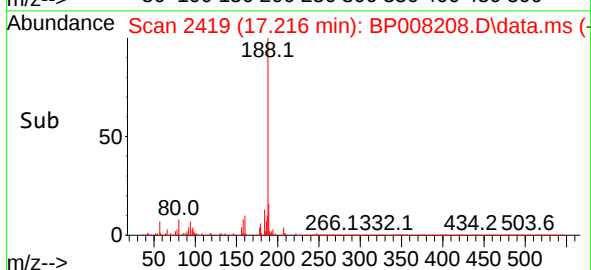
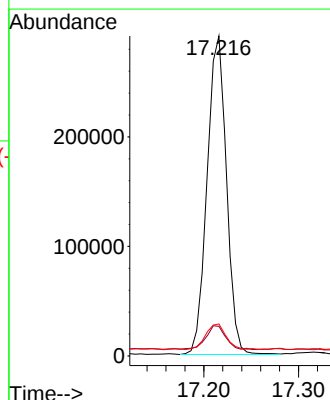
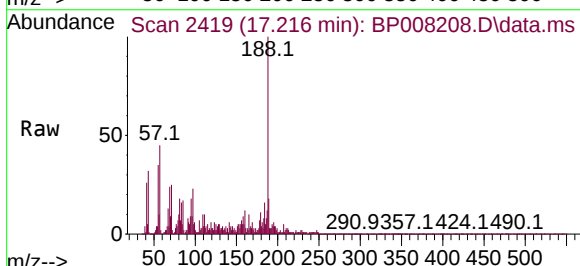
Tgt Ion:188 Resp: 412507

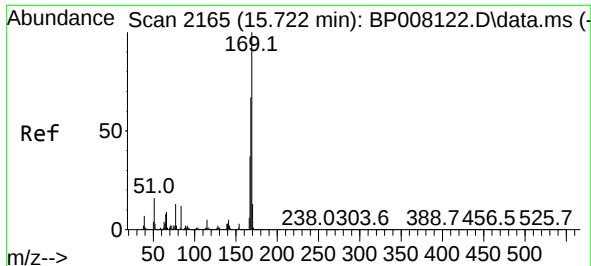
Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

80 10.0 8.2 12.4

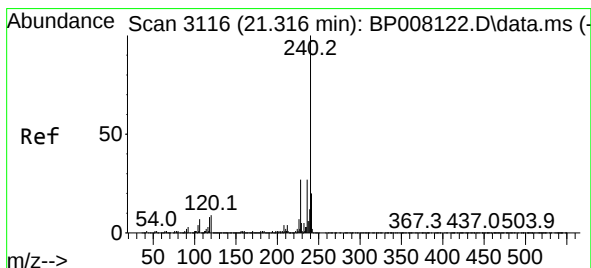
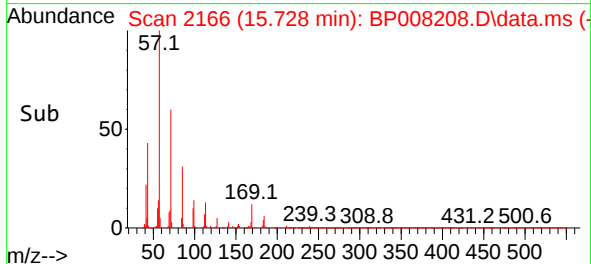
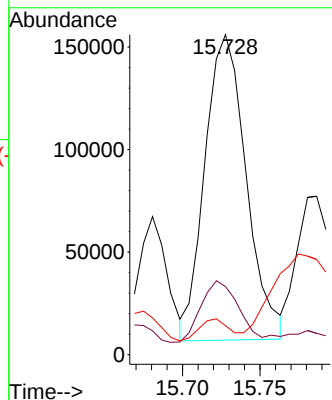
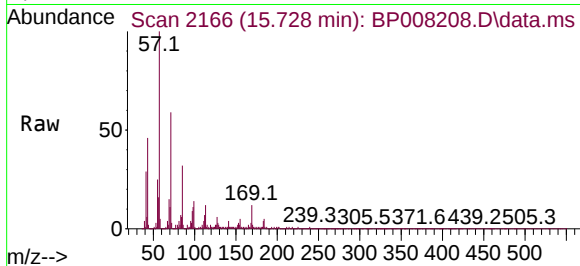




#66
n-Nitrosodiphenylamine
Concen: 23.091 ng
RT: 15.728 min Scan# 2165
Delta R.T. 0.012 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

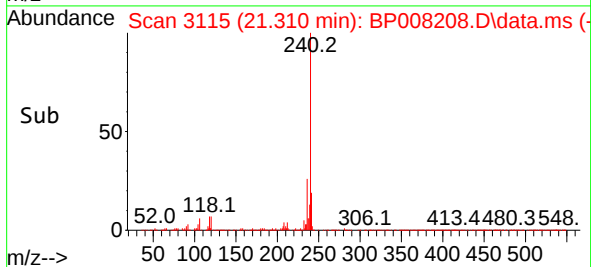
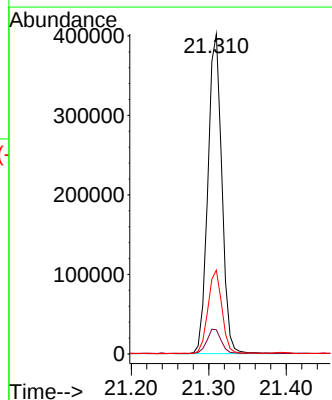
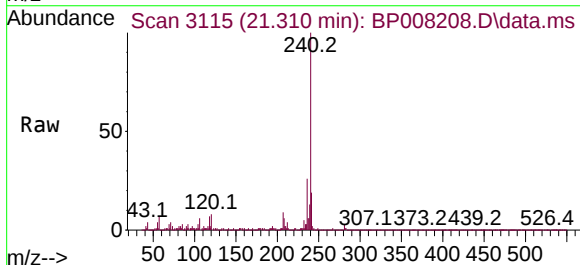
Instrument :
BNA_P
ClientSampleId :
SB-3-4.5

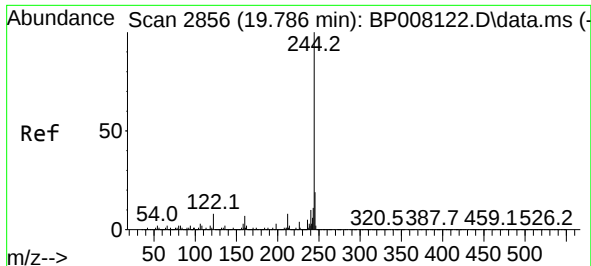
Tgt Ion:169 Resp: 275917
Ion Ratio Lower Upper
169 100
168 21.3 53.5 80.3#
167 9.0 29.3 43.9#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.006 min
Lab File: BP008208.D
Acq: 03 Dec 2021 16:53

Tgt Ion:240 Resp: 500791
Ion Ratio Lower Upper
240 100
120 7.5 7.3 10.9
236 26.2 21.4 32.2

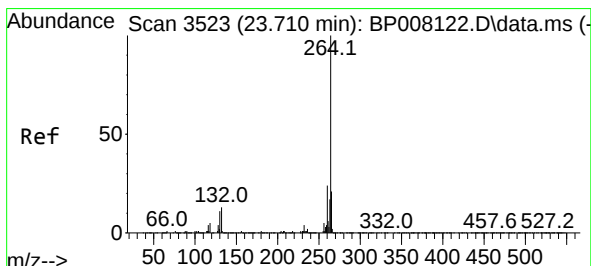
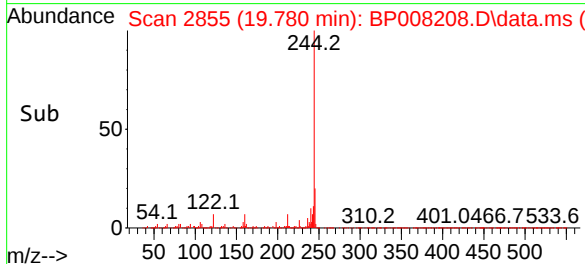
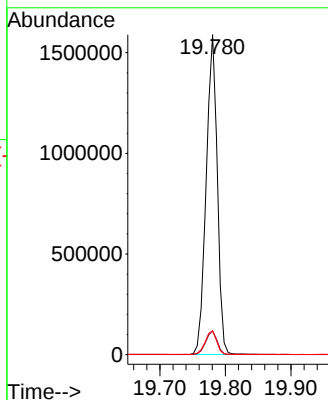
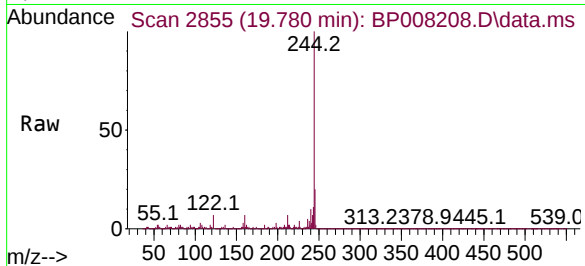




#79
 Terphenyl-d14
 Concen: 78.194 ng
 RT: 19.780 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP008208.D
 Acq: 03 Dec 2021 16:53

Instrument :
 BNA_P
 ClientSampleId :
 SB-3-4.5

Tgt Ion:244 Resp: 1873691
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 7.5 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: BP008208.D
 Acq: 03 Dec 2021 16:53

Tgt Ion:264 Resp: 484211
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.4 29.2
 265 21.9 17.6 26.4

