

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
 Data File : BP009289.D
 Acq On : 07 Mar 2022 17:18
 Operator : CG/JU
 Sample : N1710-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 HP-1-50

Quant Time: Mar 08 02:54:02 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

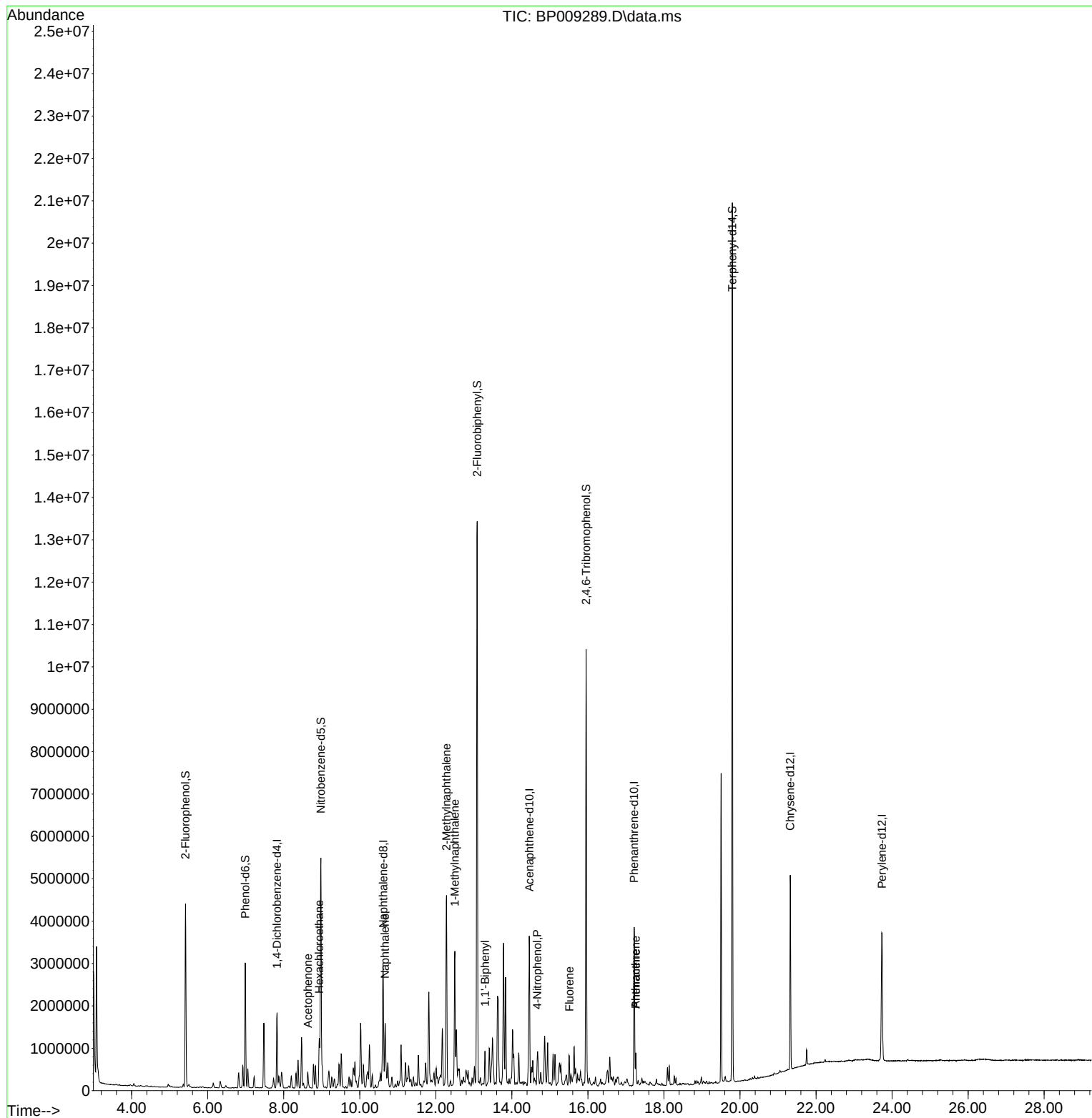
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	534259	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	2016812	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	1180907	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	2349031	20.000	ng	0.00
76) Chrysene-d12	21.322	240	2334021	20.000	ng	0.00
86) Perylene-d12	23.733	264	2400588	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	2076344	56.729	ng	0.00
7) Phenol-d6	6.987	99	1606688	34.543	ng	0.00
23) Nitrobenzene-d5	8.975	82	3411030	93.154	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	2033865	142.632	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	7463935	86.920	ng	0.00
79) Terphenyl-d14	19.798	244	10127313	81.882	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	8.934	117	149767	9.602	ng	# 1
22) Acetophenone	8.634	105	294053	5.454	ng	# 61
31) Naphthalene	10.663	128	949814	8.504	ng	99
37) 2-Methylnaphthalene	12.281	142	2328606	29.344	ng	99
38) 1-Methylnaphthalene	12.499	142	1507942	20.633	ng	99
46) 1,1'-Biphenyl	13.293	154	391680	4.062	ng	99
56) 4-Nitrophenol	14.669	139	37565	2.472	ng	# 23
58) Fluorene	15.510	166	220340	2.568	ng	# 94
71) Phenanthrene	17.257	178	488730	3.620	ng	99
72) Anthracene	17.257	178	488730	3.637	ng	99

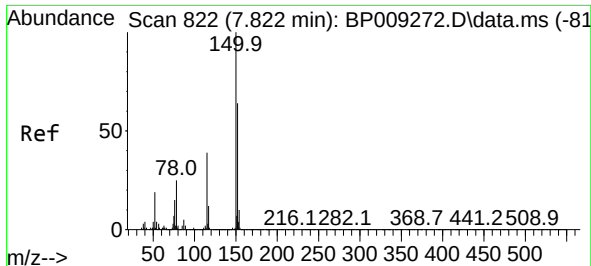
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
Data File : BP009289.D
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Sample : N1710-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

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BNA_P
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Quant Time: Mar 08 02:54:02 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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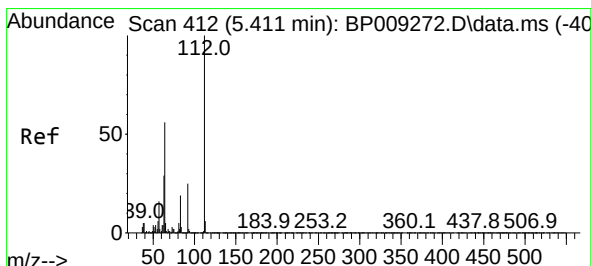
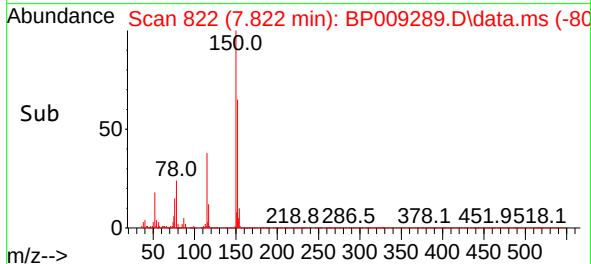
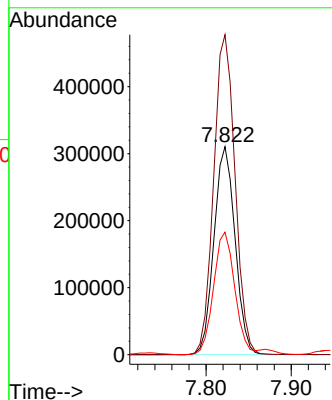
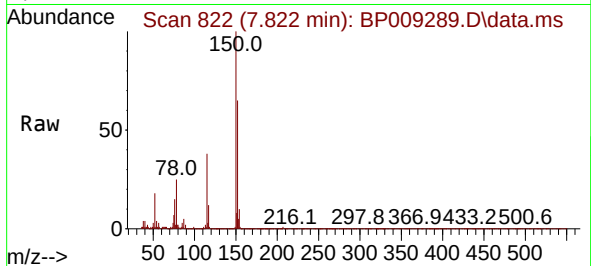




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.822 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP009289.D
 Acq: 07 Mar 2022 17:18

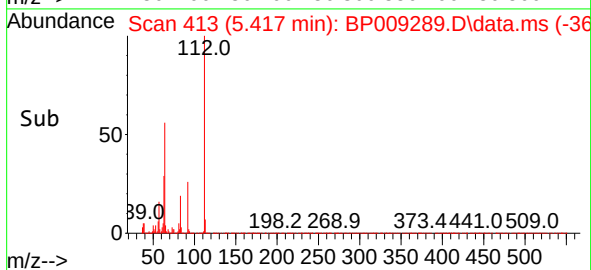
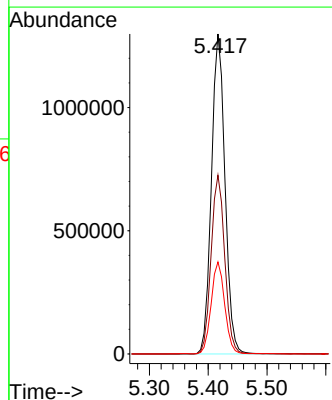
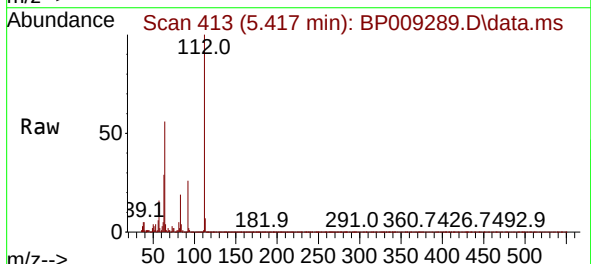
Instrument :
 BNA_P
 ClientSampleId :
 HP-1-50

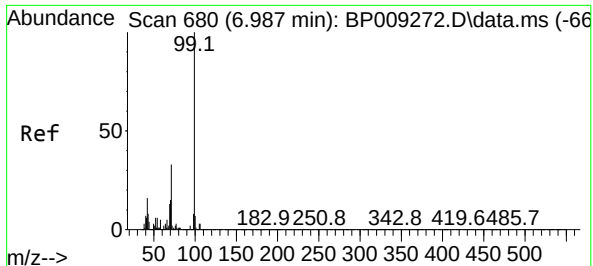
Tgt Ion:152 Resp: 534259
 Ion Ratio Lower Upper
 152 100
 150 153.9 124.5 186.7
 115 59.0 48.2 72.4



#5
 2-Fluorophenol
 Concen: 56.729 ng
 RT: 5.417 min Scan# 413
 Delta R.T. 0.006 min
 Lab File: BP009289.D
 Acq: 07 Mar 2022 17:18

Tgt Ion:112 Resp: 2076344
 Ion Ratio Lower Upper
 112 100
 64 55.8 45.0 67.4
 63 28.7 23.0 34.6

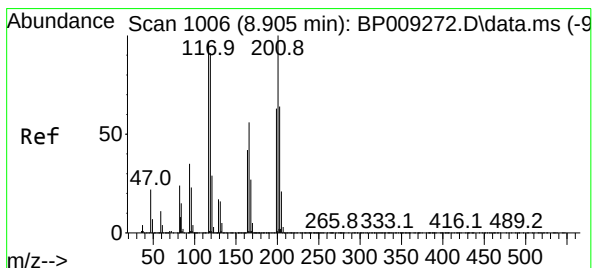
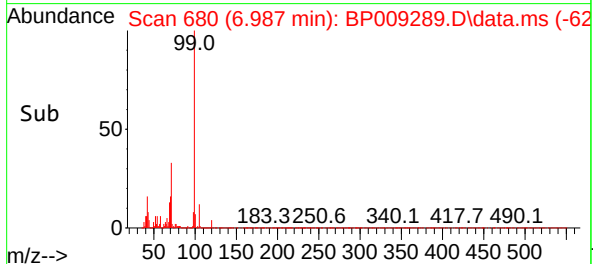
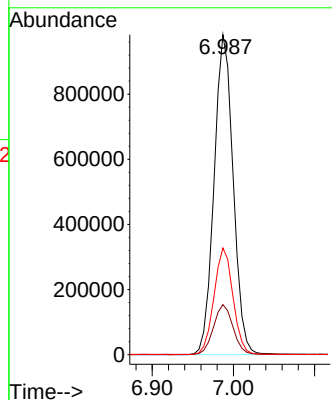
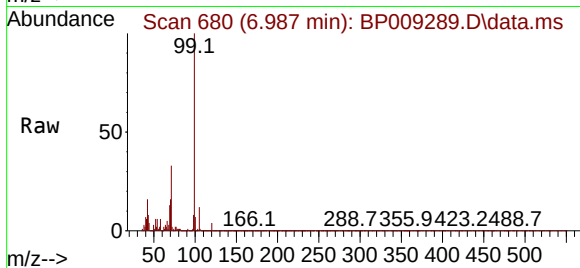




#7
Phenol-d6
Concen: 34.543 ng
RT: 6.987 min Scan# 60
Delta R.T. 0.000 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

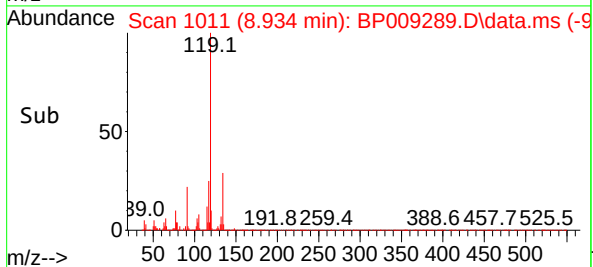
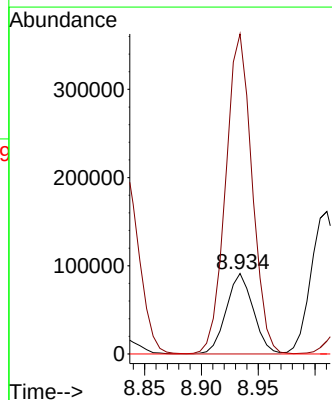
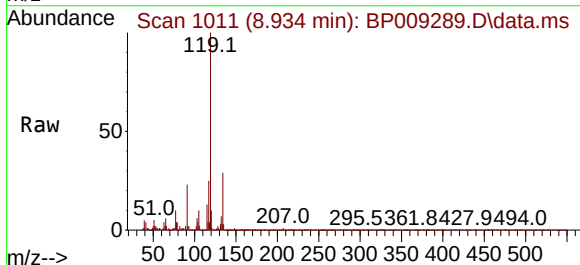
Instrument :
BNA_P
ClientSampleId :
HP-1-50

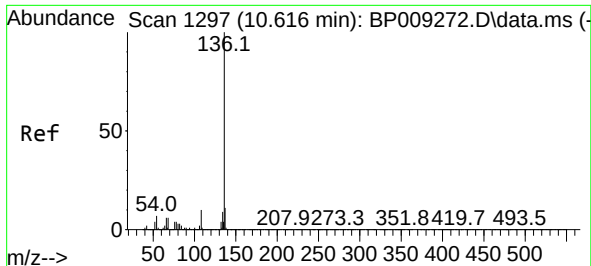
Tgt Ion: 99 Resp: 1606688
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 33.3 26.3 39.5



#18
Hexachloroethane
Concen: 9.602 ng
RT: 8.934 min Scan# 1011
Delta R.T. 0.029 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

Tgt Ion: 117 Resp: 149767
Ion Ratio Lower Upper
117 100
119 397.4 76.4 114.6#
201 0.0 83.4 125.2#

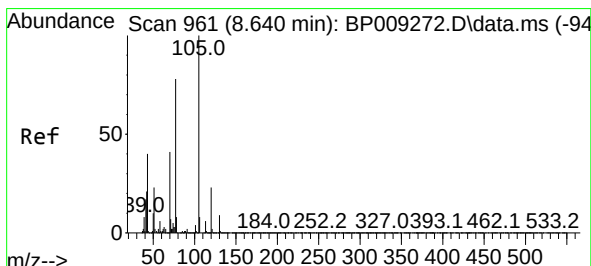
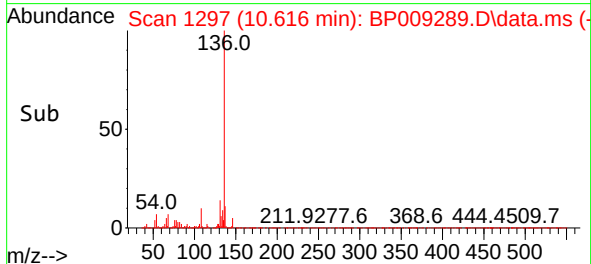
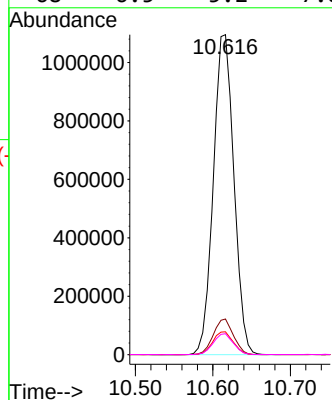
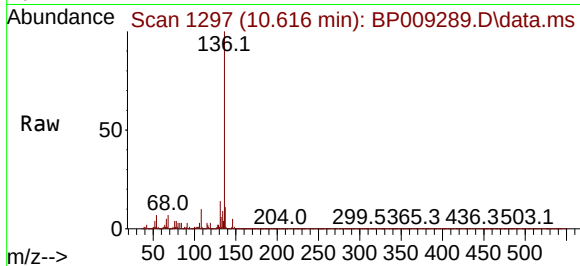




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

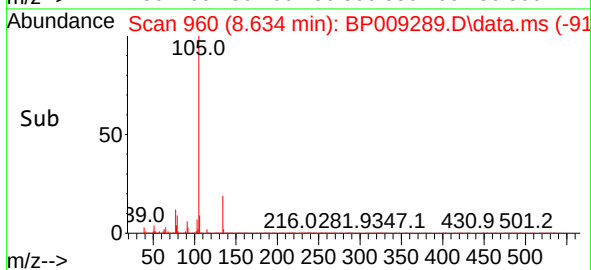
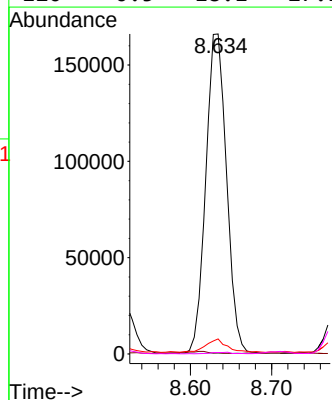
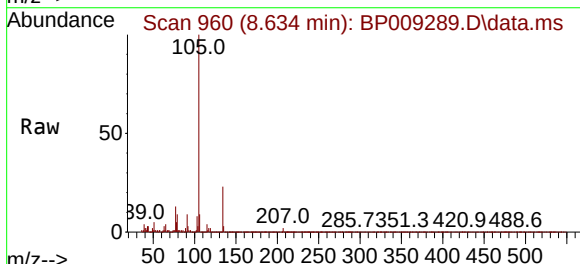
Instrument :
BNA_P
ClientSampleId :
HP-1-50

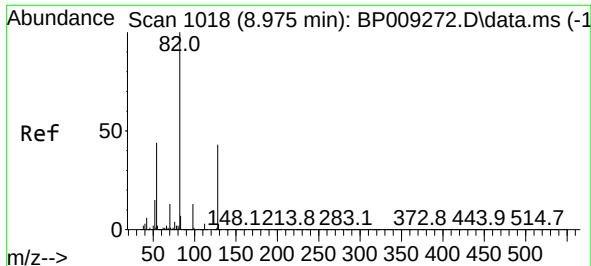
Tgt Ion:136 Resp: 2016812
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.1 5.8 8.8
68 6.5 5.2 7.8



#22
Acetophenone
Concen: 5.454 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

Tgt Ion:105 Resp: 294053
Ion Ratio Lower Upper
105 100
71 0.3 5.5 8.3#
51 4.7 18.9 28.3#
120 0.5 18.1 27.1#

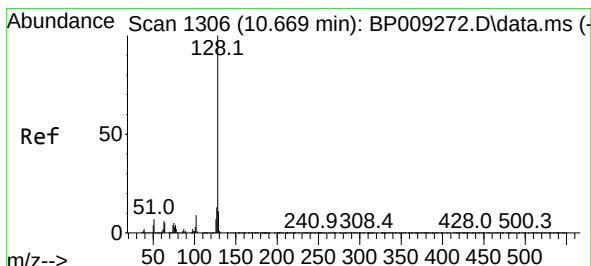
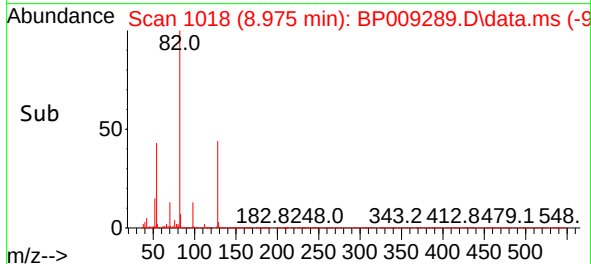
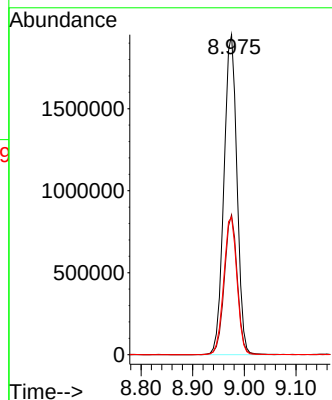
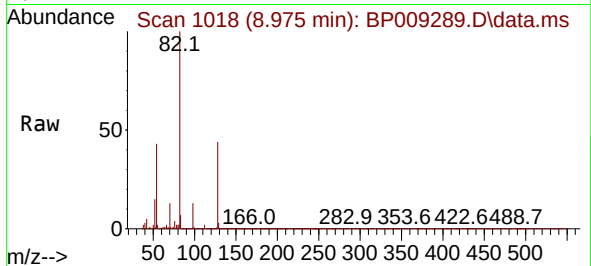




#23
Nitrobenzene-d5
Concen: 93.154 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

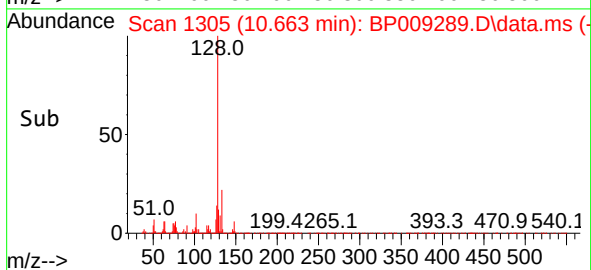
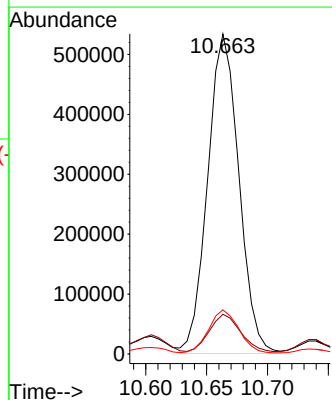
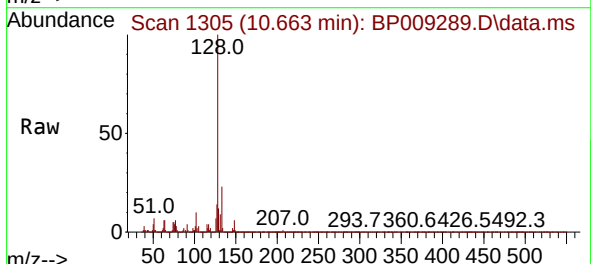
Instrument :
BNA_P
ClientSampleId :
HP-1-50

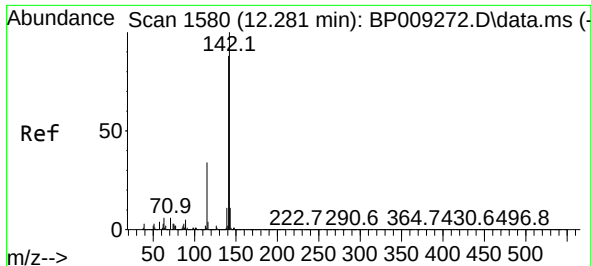
Tgt Ion: 82 Resp: 3411030
Ion Ratio Lower Upper
82 100
128 43.7 34.2 51.4
54 43.0 34.7 52.1



#31
Naphthalene
Concen: 8.504 ng
RT: 10.663 min Scan# 1305
Delta R.T. -0.006 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

Tgt Ion: 128 Resp: 949814
Ion Ratio Lower Upper
128 100
129 12.4 8.6 13.0
127 13.8 10.5 15.7

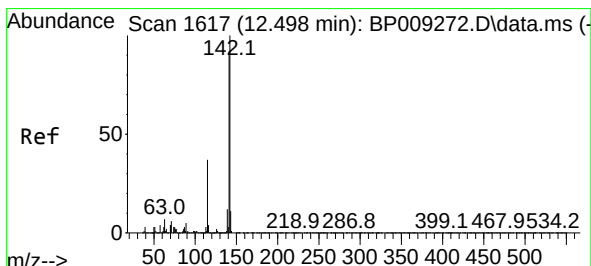
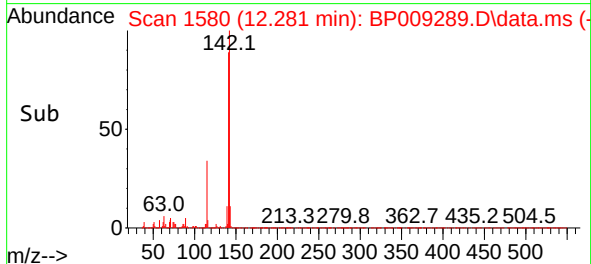
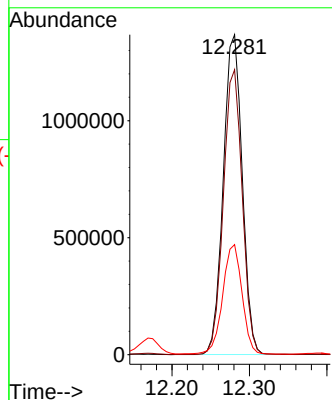
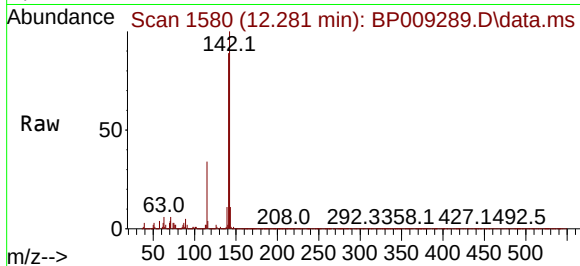




#37
2-Methylnaphthalene
Concen: 29.344 ng
RT: 12.281 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

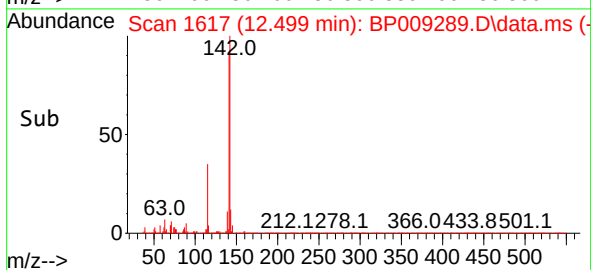
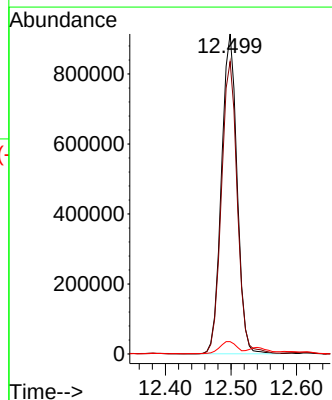
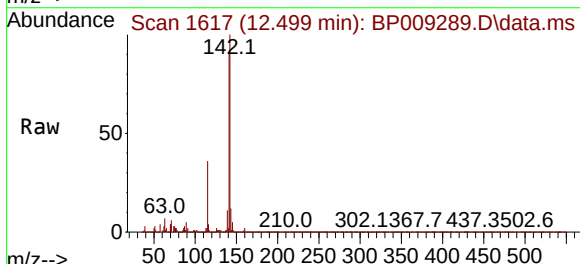
Instrument :
BNA_P
ClientSampleId :
HP-1-50

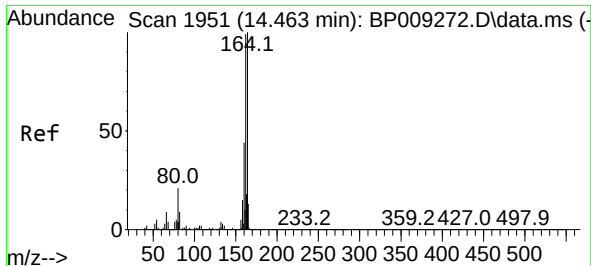
Tgt Ion:142 Resp: 2328606
Ion Ratio Lower Upper
142 100
141 89.0 70.2 105.4
115 34.4 27.4 41.2



#38
1-Methylnaphthalene
Concen: 20.633 ng
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

Tgt Ion:142 Resp: 1507942
Ion Ratio Lower Upper
142 100
141 91.4 73.5 110.3
116 3.8 3.3 4.9

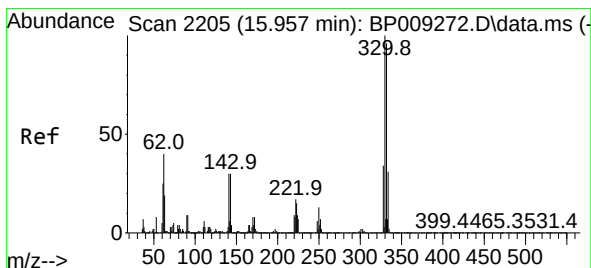
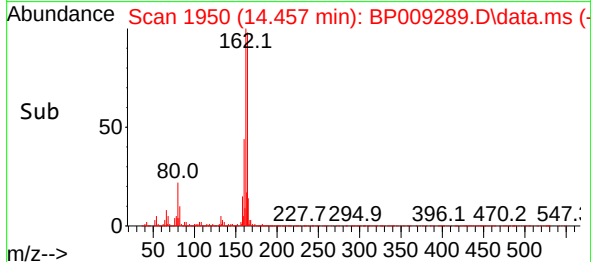
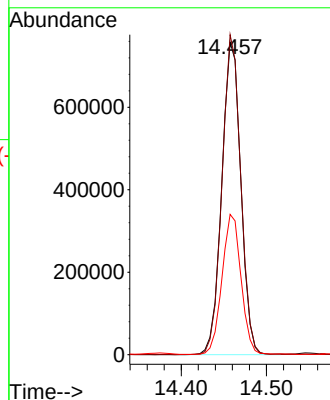
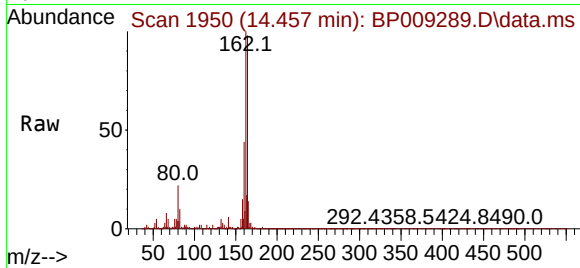




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

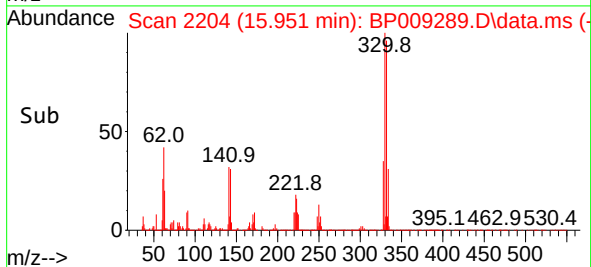
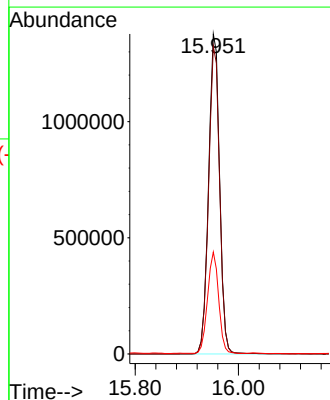
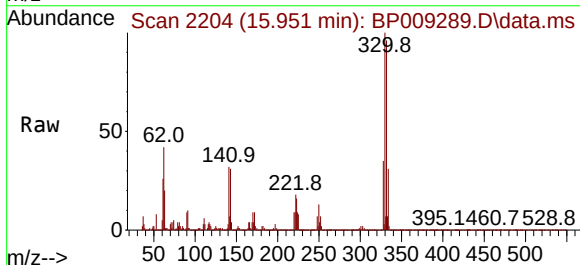
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HP-1-50

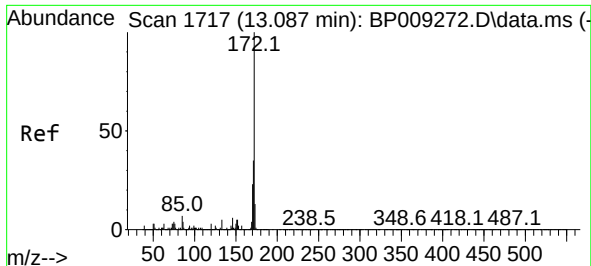
Tgt Ion:164 Resp: 1180907
Ion Ratio Lower Upper
164 100
162 102.4 79.1 118.7
160 44.9 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 142.632 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

Tgt Ion:330 Resp: 2033865
Ion Ratio Lower Upper
330 100
332 96.5 77.0 115.6
141 31.9 27.6 41.4

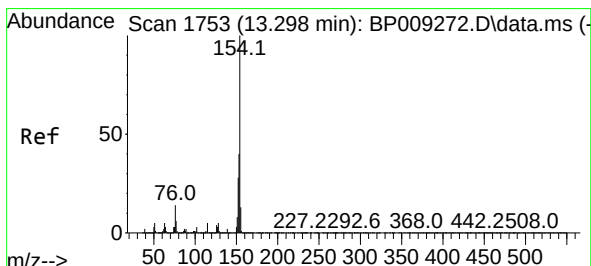
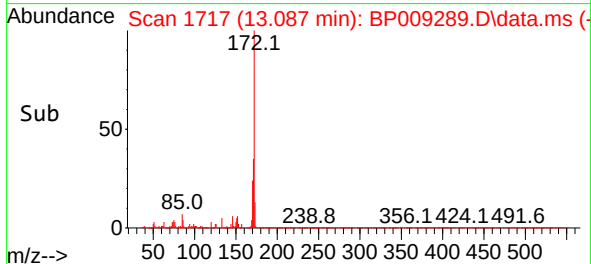
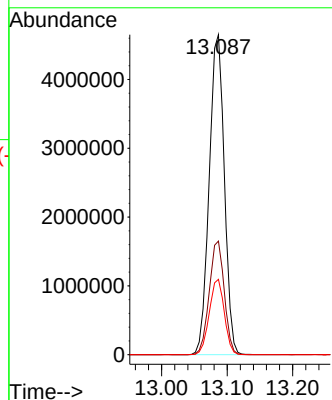
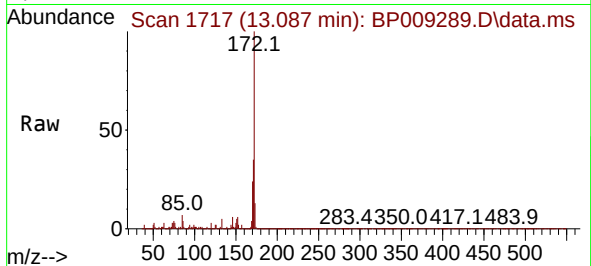




#45
2-Fluorobiphenyl
Concen: 86.920 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

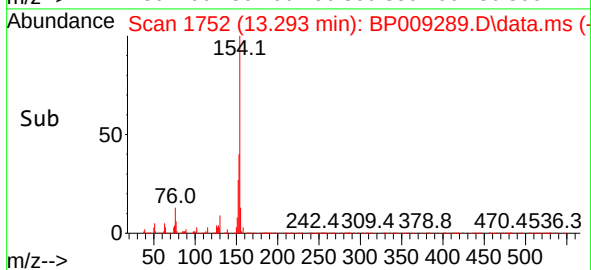
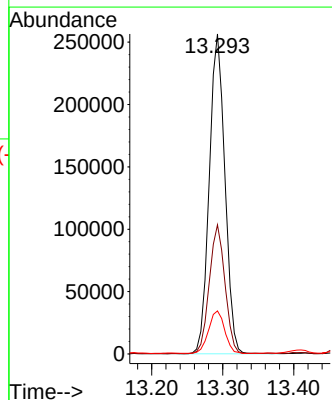
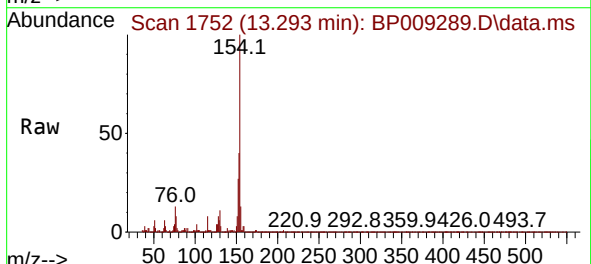
Instrument :
BNA_P
ClientSampleId :
HP-1-50

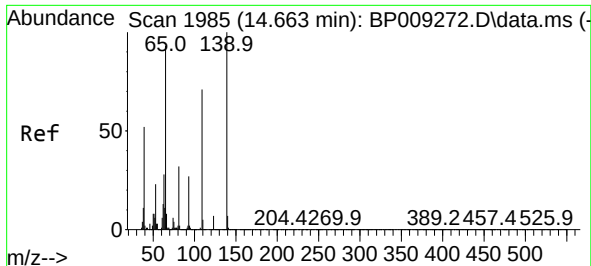
Tgt Ion:172 Resp: 7463935
Ion Ratio Lower Upper
172 100
171 35.5 28.0 42.0
170 23.6 18.6 27.8



#46
1,1'-Biphenyl
Concen: 4.062 ng
RT: 13.293 min Scan# 1752
Delta R.T. -0.006 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

Tgt Ion:154 Resp: 391680
Ion Ratio Lower Upper
154 100
153 40.3 20.2 60.2
76 13.4 0.0 34.0

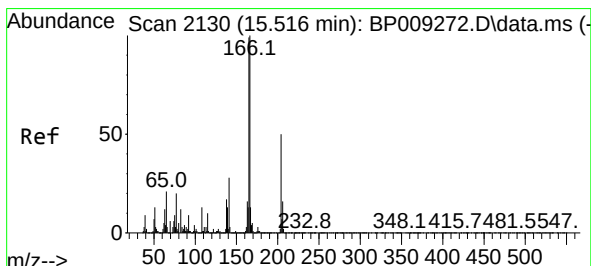
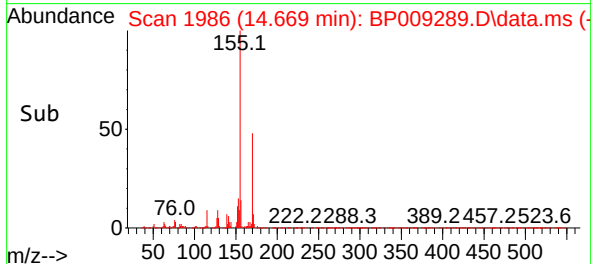
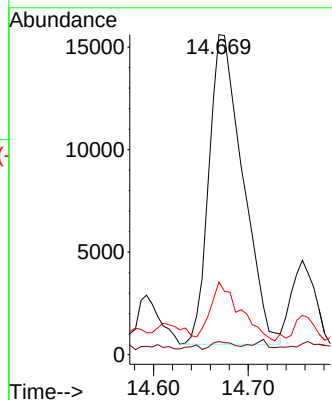
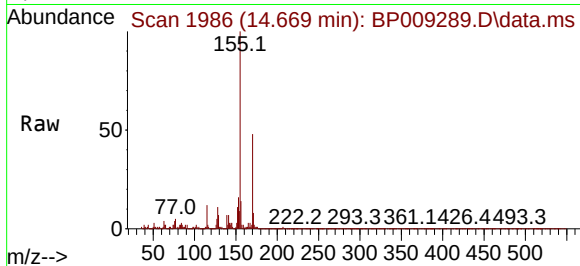




#56
4-Nitrophenol
Concen: 2.472 ng
RT: 14.669 min Scan# 1985
Delta R.T. 0.006 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

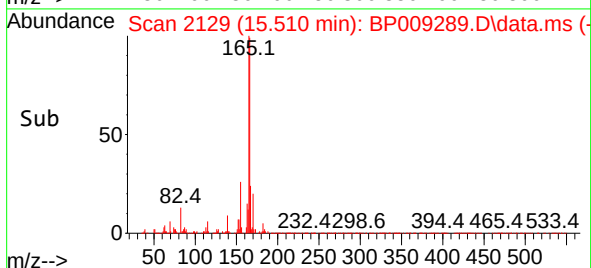
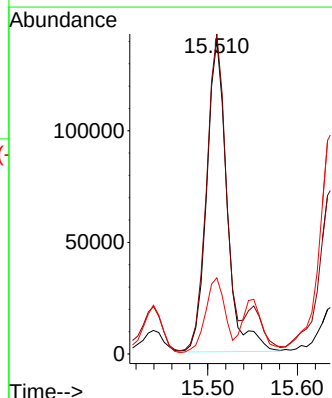
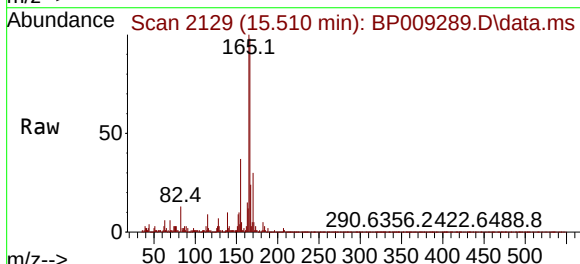
Instrument :
BNA_P
ClientSampleId :
HP-1-50

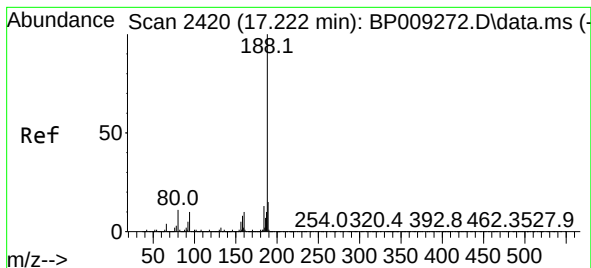
Tgt Ion:139 Resp: 37565
Ion Ratio Lower Upper
139 100
109 4.1 51.2 91.2#
65 22.7 73.2 113.2#



#58
Fluorene
Concen: 2.568 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP009289.D
Acq: 07 Mar 2022 17:18

Tgt Ion:166 Resp: 220340
Ion Ratio Lower Upper
166 100
165 102.0 79.2 118.8
167 24.3 10.7 16.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.216 min Scan# 2419

Delta R.T. -0.006 min

Lab File: BP009289.D

Acq: 07 Mar 2022 17:18

Instrument :

BNA_P

ClientSampleId :

HP-1-50

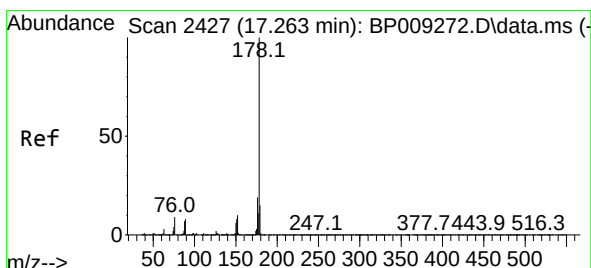
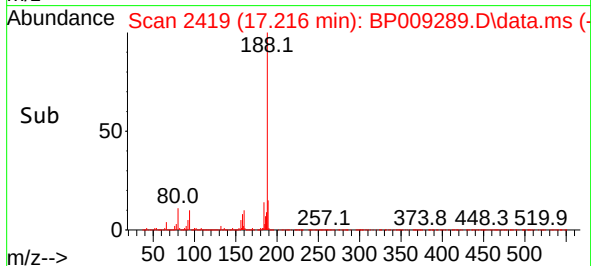
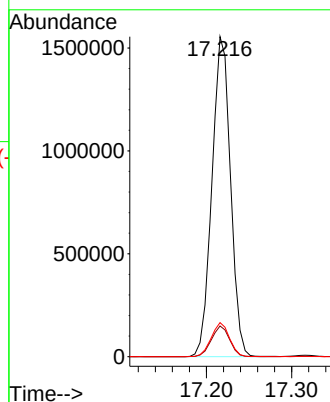
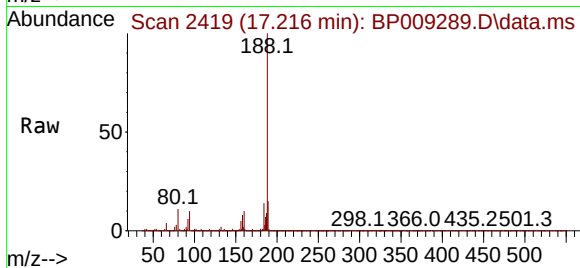
Tgt Ion:188 Resp: 2349031

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

80 10.6 8.8 13.2



#71

Phenanthrene

Concen: 3.620 ng

RT: 17.257 min Scan# 2426

Delta R.T. -0.006 min

Lab File: BP009289.D

Acq: 07 Mar 2022 17:18

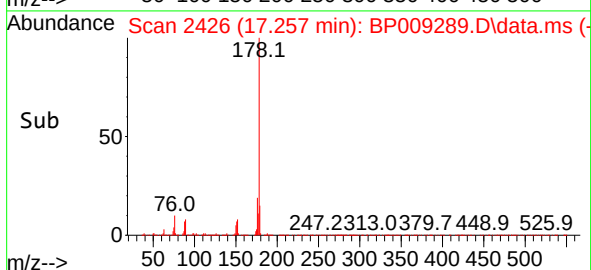
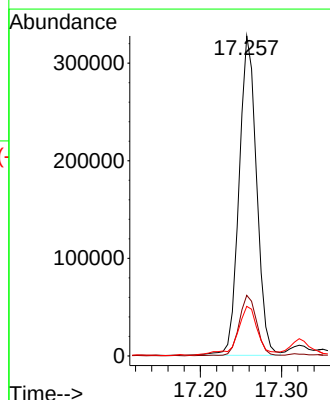
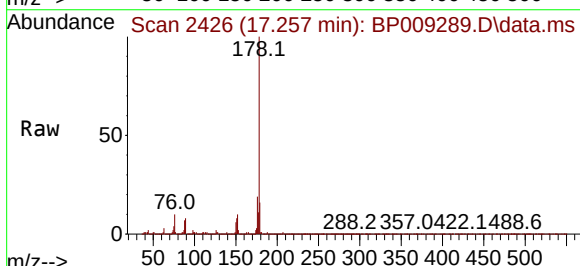
Tgt Ion:178 Resp: 488730

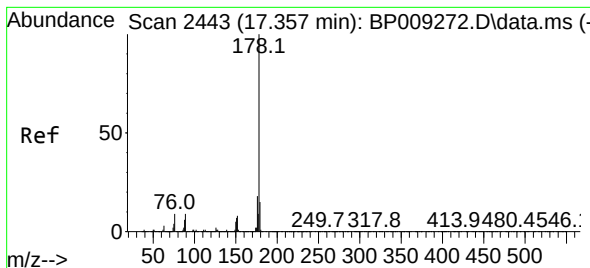
Ion Ratio Lower Upper

178 100

176 18.9 15.4 23.2

179 15.5 12.3 18.5





#72

Anthracene

Concen: 3.637 ng

RT: 17.257 min Scan# 2443

Delta R.T. -0.100 min

Lab File: BP009289.D

Acq: 07 Mar 2022 17:18

Instrument :

BNA_P

ClientSampleId :

HP-1-50

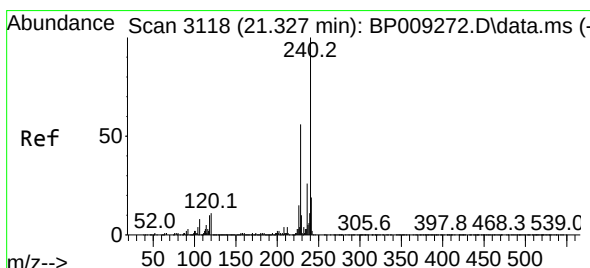
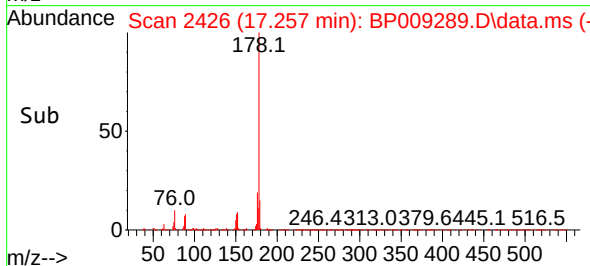
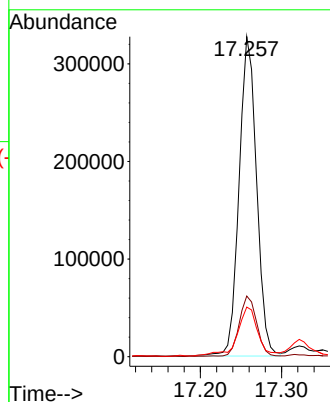
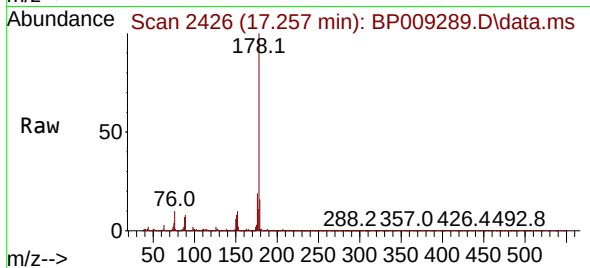
Tgt Ion:178 Resp: 488730

Ion Ratio Lower Upper

178 100

176 18.9 14.8 22.2

179 15.5 12.2 18.4



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.322 min Scan# 3117

Delta R.T. -0.006 min

Lab File: BP009289.D

Acq: 07 Mar 2022 17:18

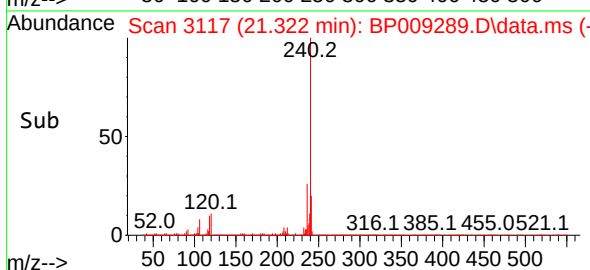
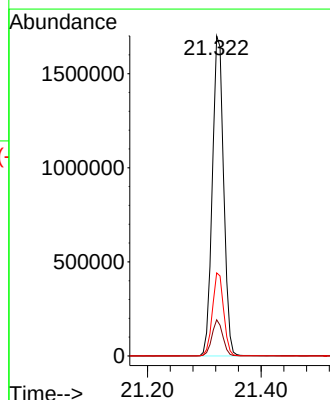
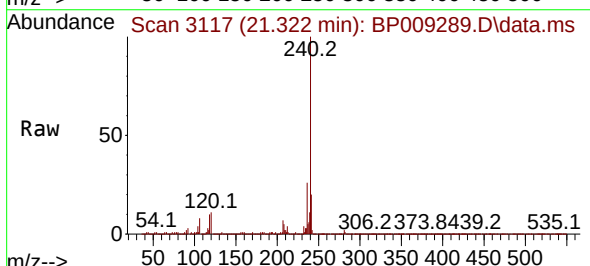
Tgt Ion:240 Resp: 2334021

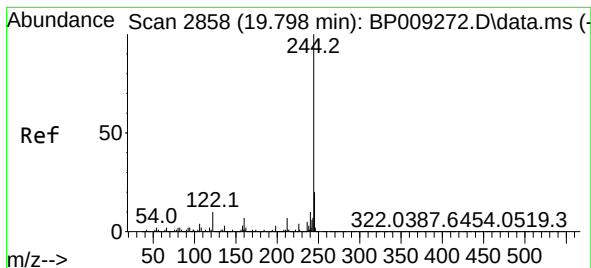
Ion Ratio Lower Upper

240 100

120 11.3 9.0 13.4

236 26.0 20.6 30.8





#79

Terphenyl-d14

Concen: 81.882 ng

RT: 19.798 min Scan# 2858

Delta R.T. 0.000 min

Lab File: BP009289.D

Acq: 07 Mar 2022 17:18

Instrument :

BNA_P

ClientSampleId :

HP-1-50

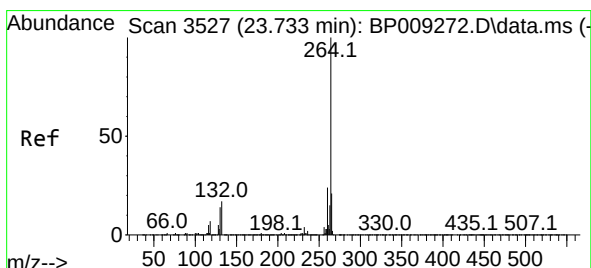
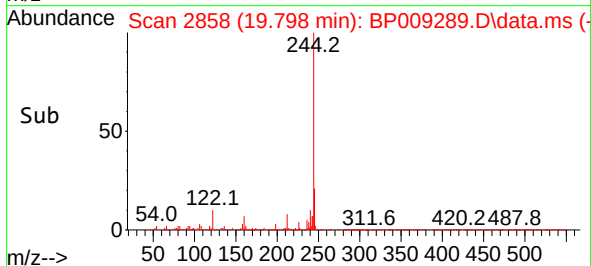
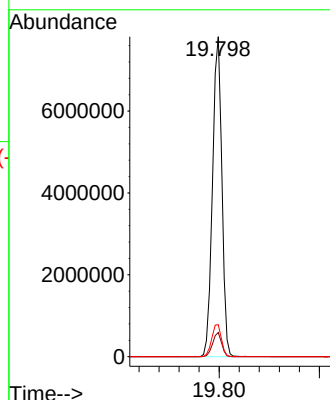
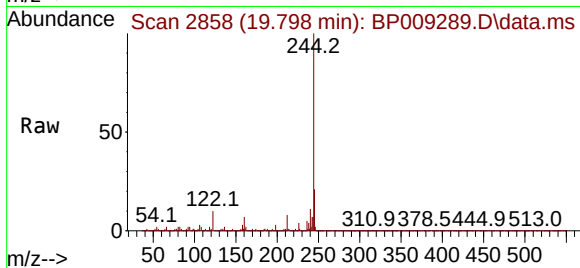
Tgt Ion:244 Resp:10127313

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.6

122 10.0 8.3 12.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.733 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BP009289.D

Acq: 07 Mar 2022 17:18

Tgt Ion:264 Resp: 2400588

Ion Ratio Lower Upper

264 100

260 23.9 19.4 29.0

265 21.4 17.2 25.8

