

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
 Data File : BP009287.D
 Acq On : 07 Mar 2022 16:09
 Operator : CG/JU
 Sample : N1708-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PPSP-B2-20.5-21.0

Quant Time: Mar 07 16:39:59 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)

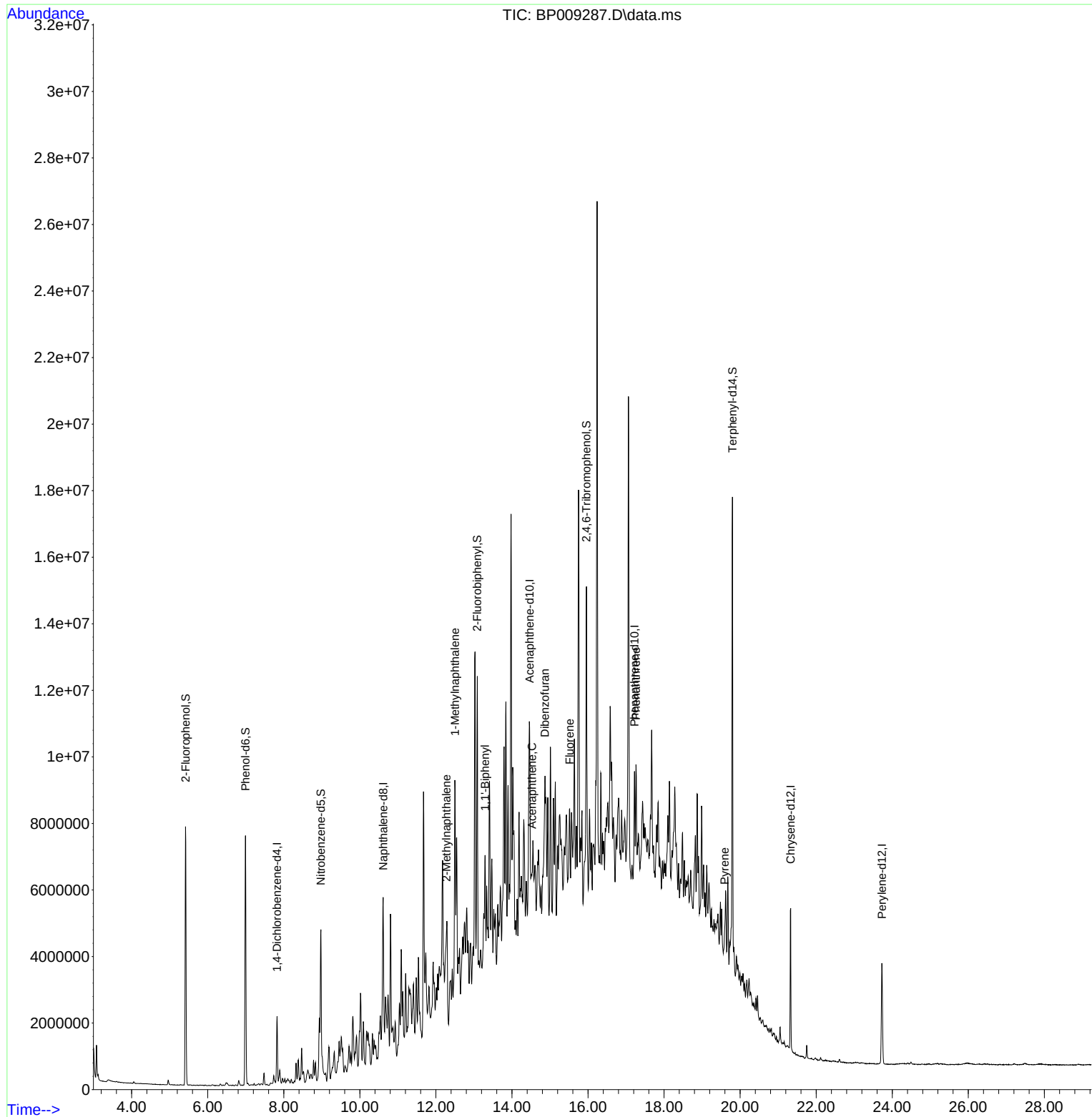
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	532802	20.000	ng	0.00
21) Naphthalene-d8	10.616	136	1898795	20.000	ng	# 0.00
39) Acenaphthene-d10	14.463	164	1078921	20.000	ng	0.00
64) Phenanthrene-d10	17.222	188	2086716	20.000	ng	0.00
76) Chrysene-d12	21.328	240	2170210	20.000	ng	0.00
86) Perylene-d12	23.727	264	2282354	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.417	112	3777292	103.484	ng	0.00
7) Phenol-d6	6.993	99	4596269	99.089	ng	0.00
23) Nitrobenzene-d5	8.975	82	2842876	82.464	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1505325	115.545	ng	0.00
45) 2-Fluorobiphenyl	13.087	172	4900421	62.461	ng	0.00
79) Terphenyl-d14	19.798	244	6936147	60.314	ng	0.00
Target Compounds						
						Qvalue
37) 2-Methylnaphthalene	12.281	142	280000m	3.748	ng	
38) 1-Methylnaphthalene	12.499	142	2987353	43.417	ng	# 100
46) 1,1'-Biphenyl	13.293	154	614911	6.981	ng	97
52) Acenaphthene	14.528	154	256254	3.878	ng	93
55) Dibenzofuran	14.863	168	358905	3.586	ng	# 23
58) Fluorene	15.516	166	759286	9.687	ng	# 95
71) Phenanthrene	17.263	178	1576881	13.149	ng	# 94
78) Pyrene	19.592	202	609779	4.162	ng	# 94

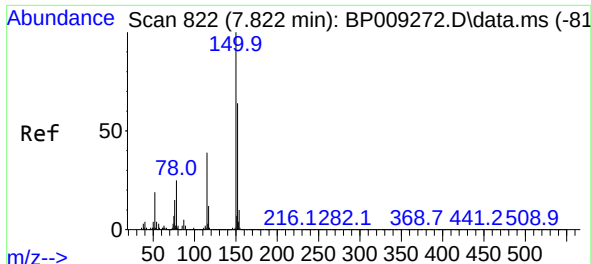
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP030722\
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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

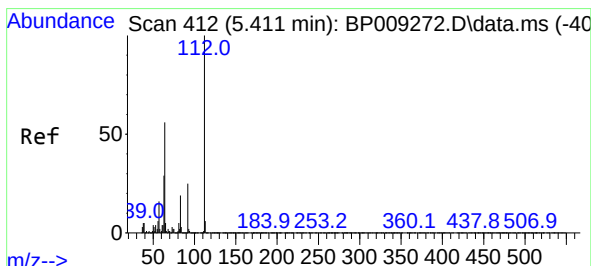
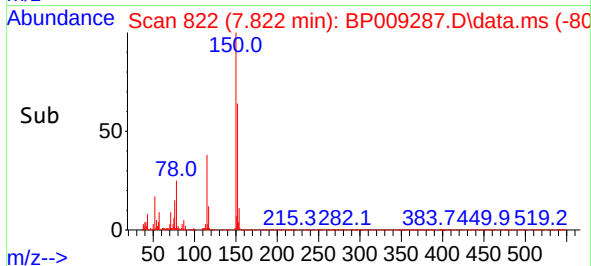
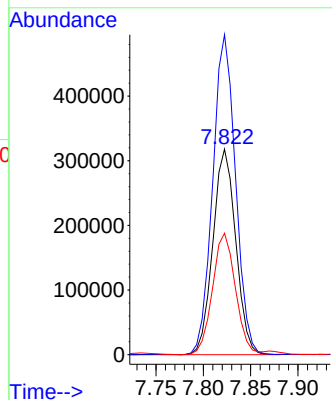
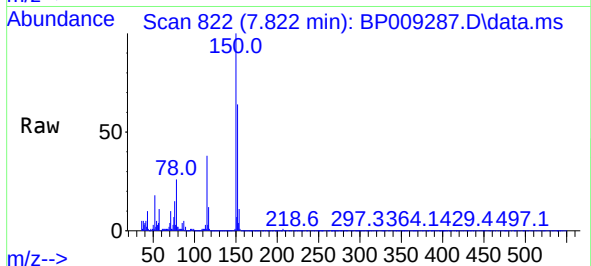




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

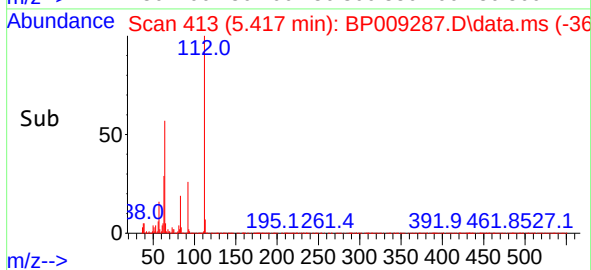
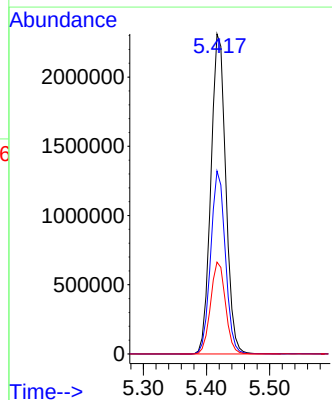
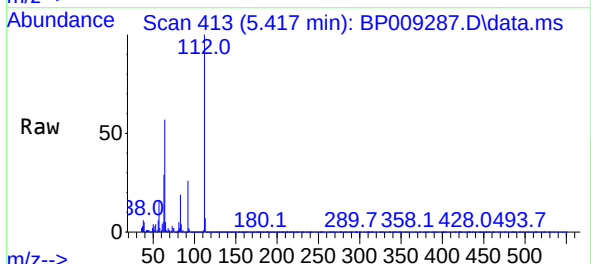
Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

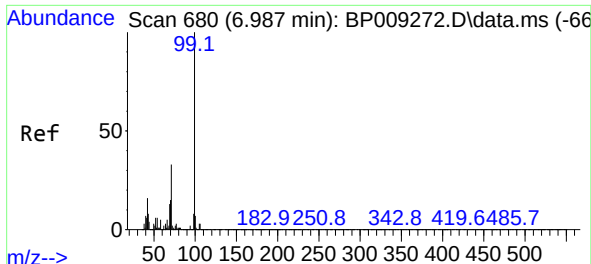
Tgt Ion:152 Resp: 532802
Ion Ratio Lower Upper
152 100
150 155.6 124.5 186.7
115 59.0 48.2 72.4



#5
2-Fluorophenol
Concen: 103.484 ng
RT: 5.417 min Scan# 413
Delta R.T. 0.006 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion:112 Resp: 3777292
Ion Ratio Lower Upper
112 100
64 57.2 45.0 67.4
63 28.7 23.0 34.6

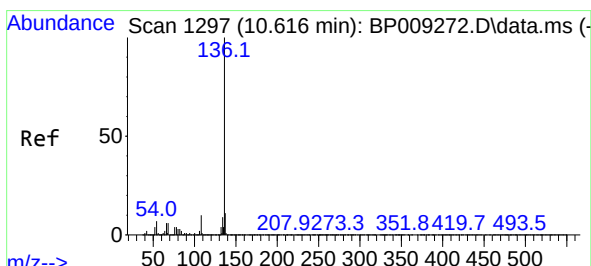
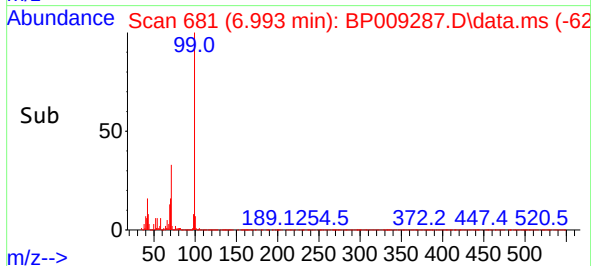
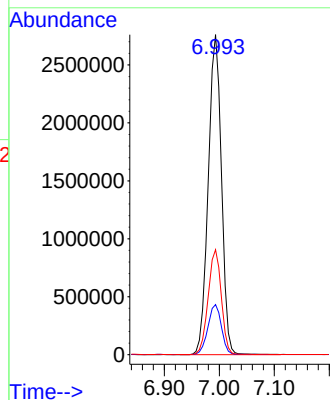
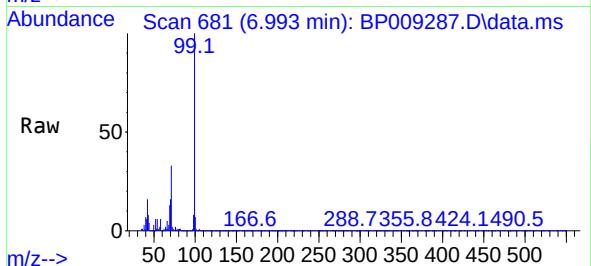




#7
Phenol-d6
Concen: 99.089 ng
RT: 6.993 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

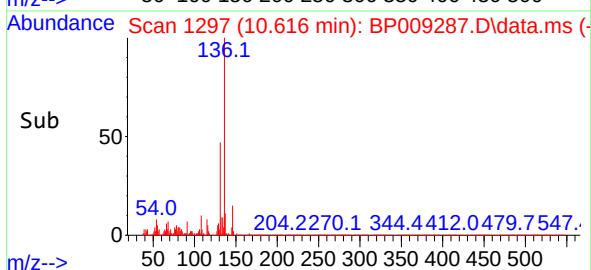
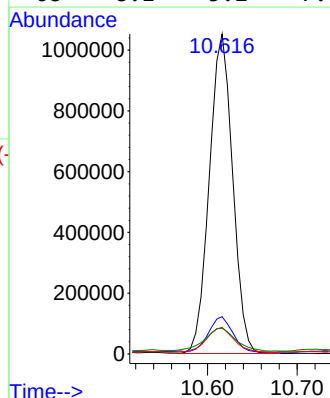
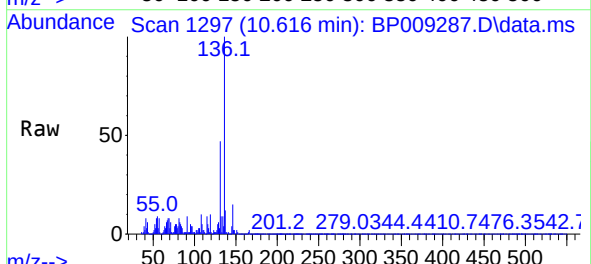
Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

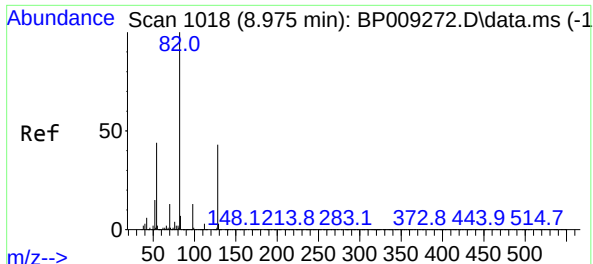
Tgt Ion: 99 Resp: 4596269
Ion Ratio Lower Upper
99 100
42 15.7 12.8 19.2
71 32.8 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.616 min Scan# 1297
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion:136 Resp: 1898795
Ion Ratio Lower Upper
136 100
137 11.6 8.6 12.8
54 8.3 5.8 8.8
68 8.1 5.2 7.8#

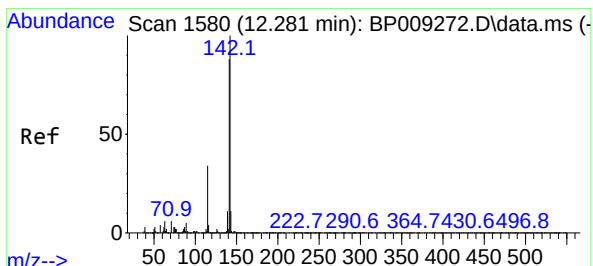
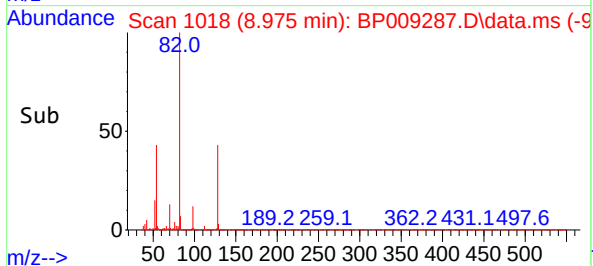
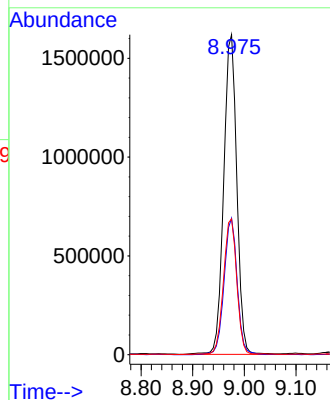
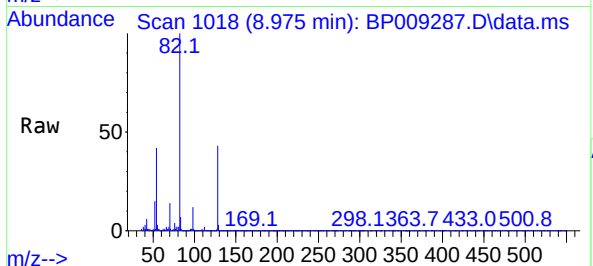




#23
Nitrobenzene-d5
Concen: 82.464 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

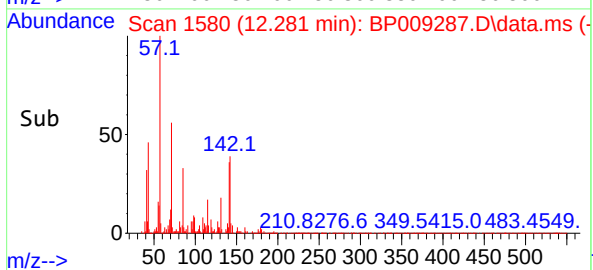
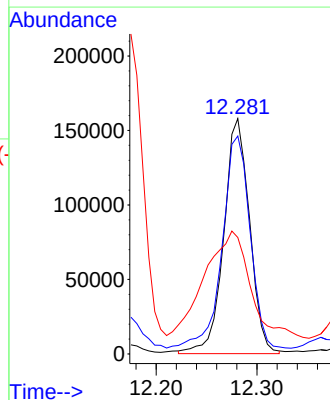
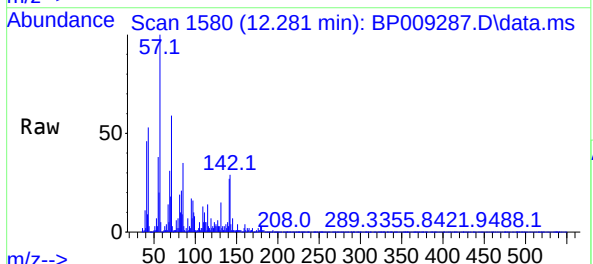
Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

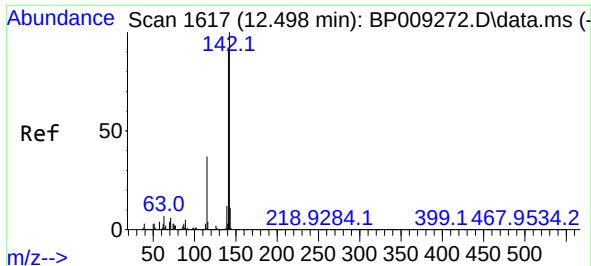
Tgt Ion: 82 Resp: 2842876
Ion Ratio Lower Upper
82 100
128 42.7 34.2 51.4
54 42.4 34.7 52.1



#37
2-Methylnaphthalene
Concen: 3.748 ng m
RT: 12.281 min Scan# 1580
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion: 142 Resp: 280000
Ion Ratio Lower Upper
142 100
141 92.6 70.2 105.4
115 49.5 27.4 41.2#

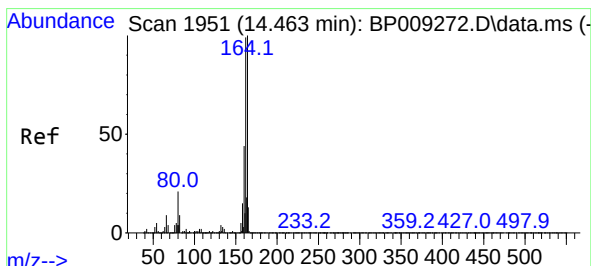
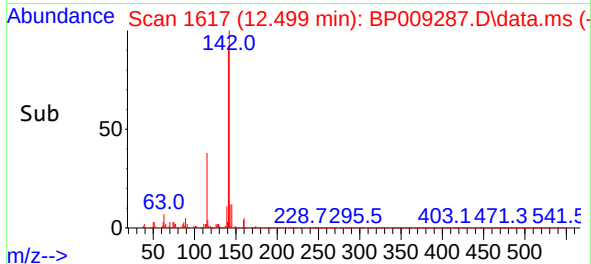
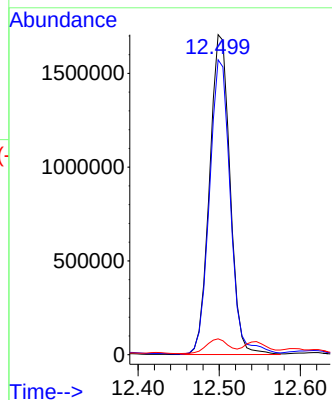
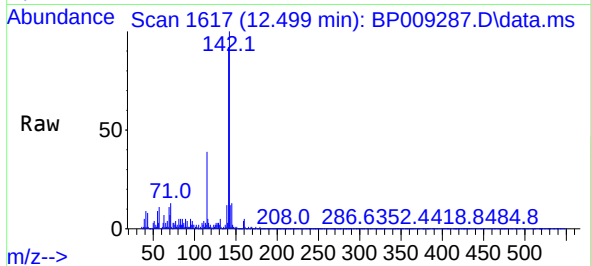




#38
1-Methylnaphthalene
Concen: 43.417 ng
RT: 12.499 min Scan# 1617
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

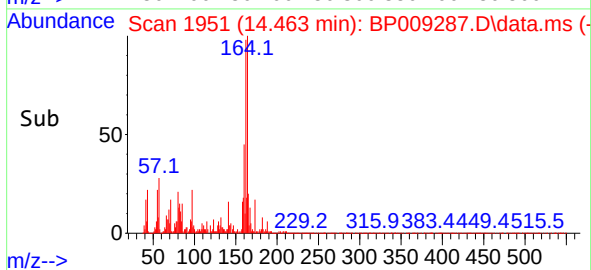
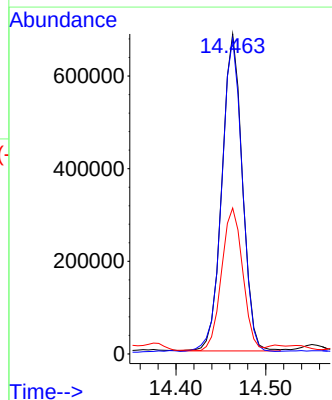
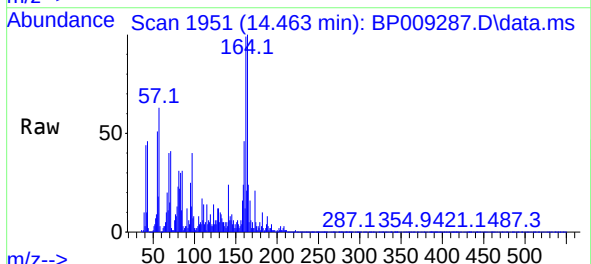
Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

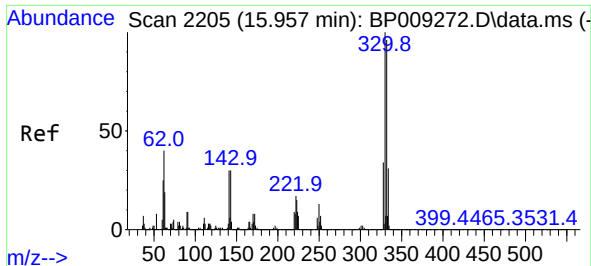
Tgt Ion:142 Resp: 2987353
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 5.0 3.3 4.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.463 min Scan# 1951
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion:164 Resp: 1078921
Ion Ratio Lower Upper
164 100
162 98.6 79.1 118.7
160 45.6 34.9 52.3

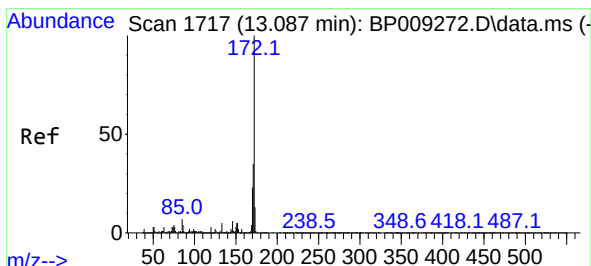
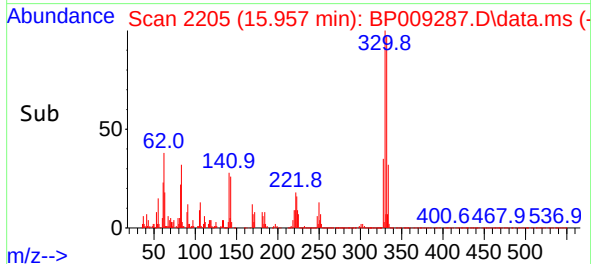
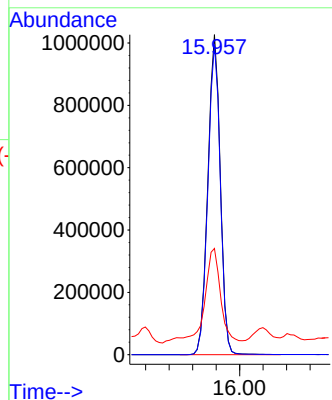
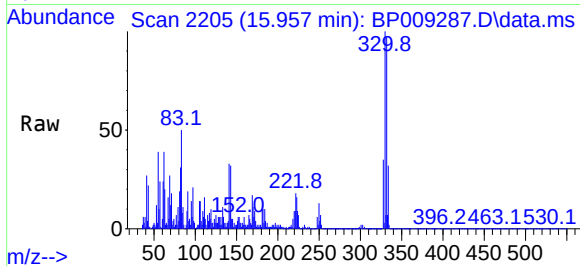




#42
2,4,6-Tribromophenol
Concen: 115.545 ng
RT: 15.957 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

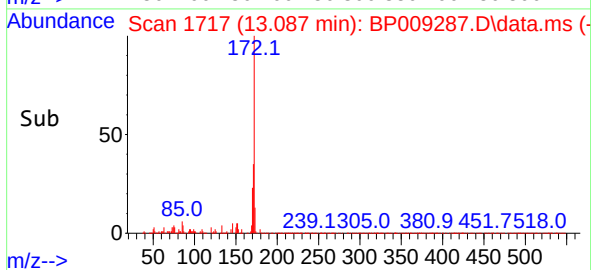
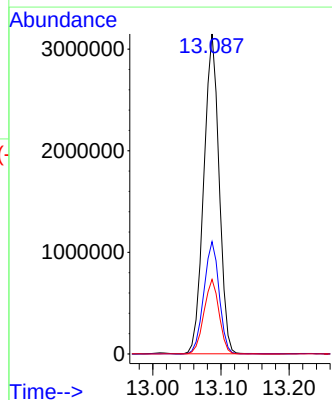
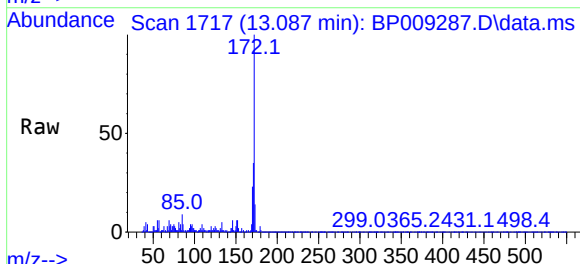
Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

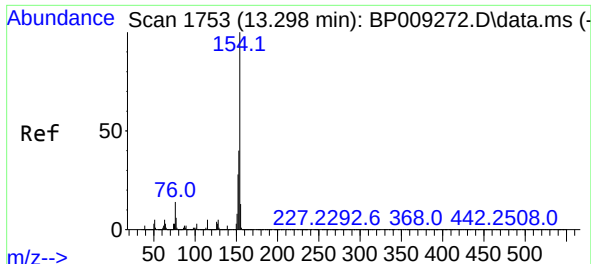
Tgt Ion:330 Resp: 1505325
Ion Ratio Lower Upper
330 100
332 97.1 77.0 115.6
141 38.8 27.6 41.4



#45
2-Fluorobiphenyl
Concen: 62.461 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion:172 Resp: 4900421
Ion Ratio Lower Upper
172 100
171 35.1 28.0 42.0
170 23.3 18.6 27.8





#46

1,1'-Biphenyl

Concen: 6.981 ng

RT: 13.293 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP009287.D

Acq: 07 Mar 2022 16:09

Instrument :

BNA_P

ClientSampleId :

PPSP-B2-20.5-21.0

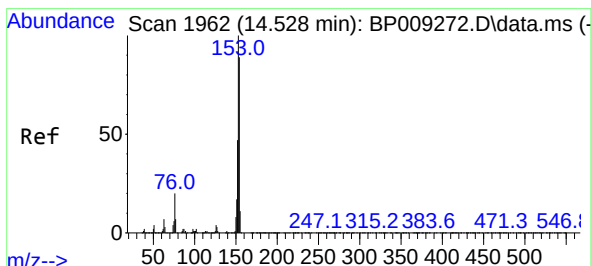
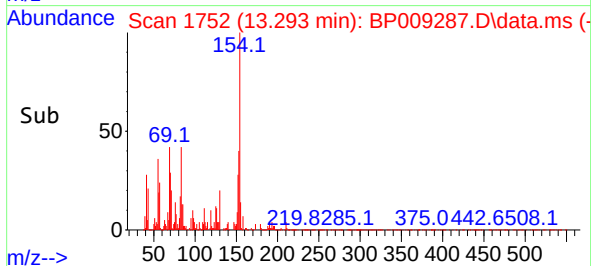
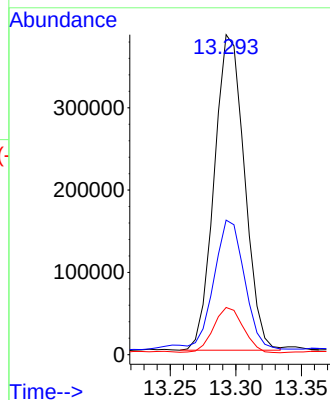
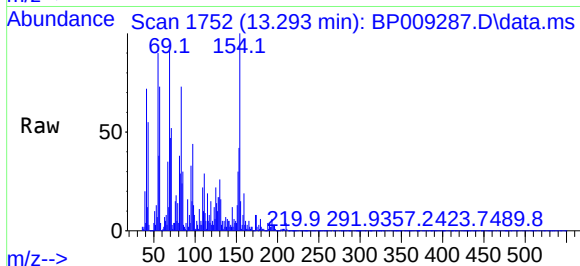
Tgt Ion:154 Resp: 614911

Ion Ratio Lower Upper

154 100

153 42.1 20.2 60.2

76 14.8 0.0 34.0



#52

Acenaphthene

Concen: 3.878 ng

RT: 14.528 min Scan# 1962

Delta R.T. 0.000 min

Lab File: BP009287.D

Acq: 07 Mar 2022 16:09

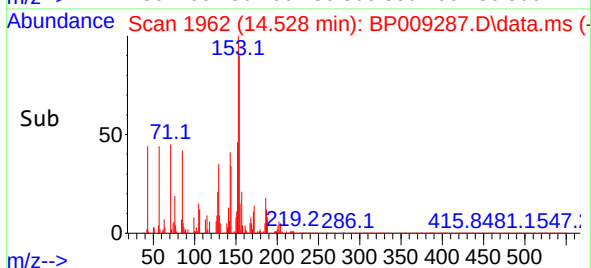
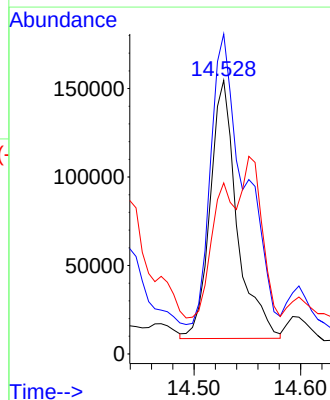
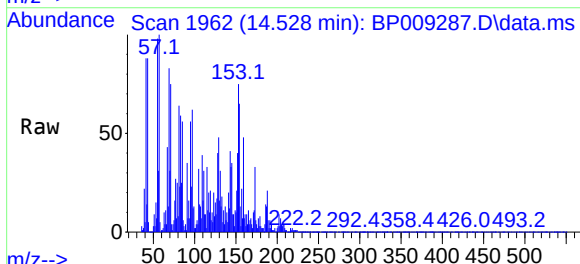
Tgt Ion:154 Resp: 256254

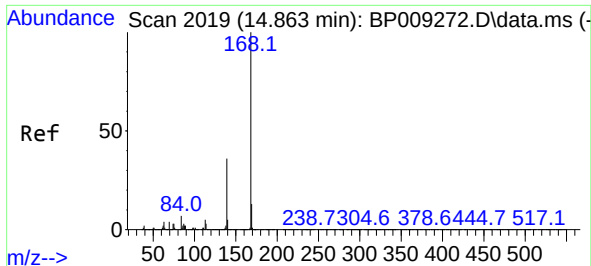
Ion Ratio Lower Upper

154 100

153 117.0 90.2 135.4

152 62.5 42.7 64.1

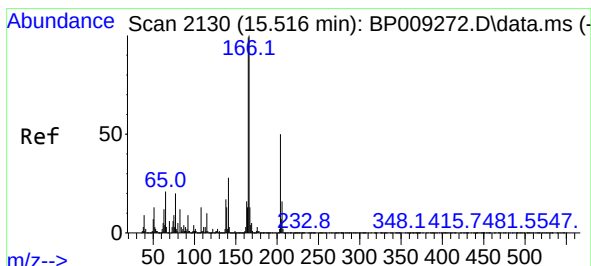
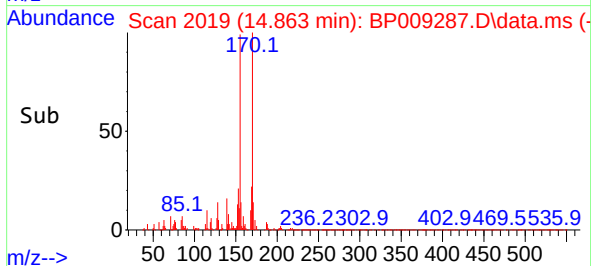
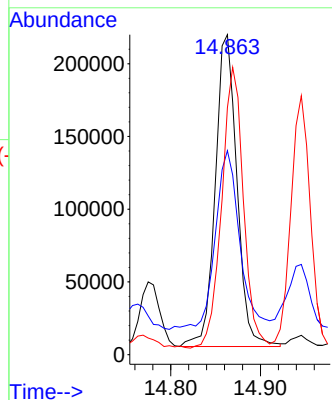
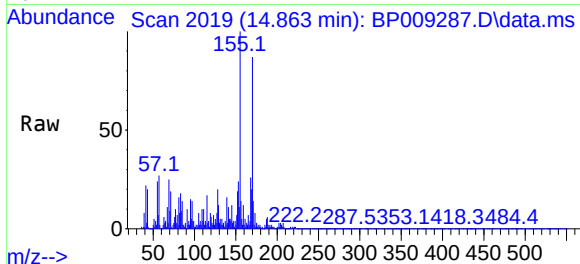




#55
Dibenzenofuran
Concen: 3.586 ng
RT: 14.863 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

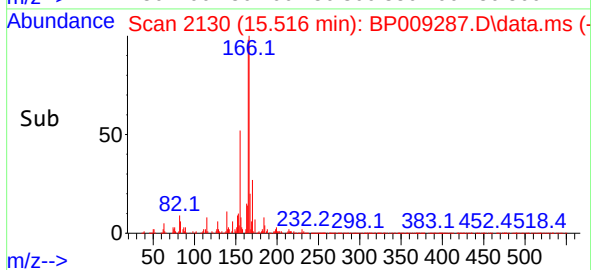
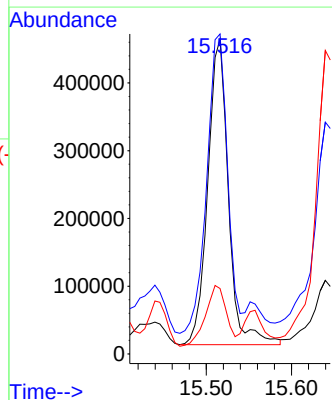
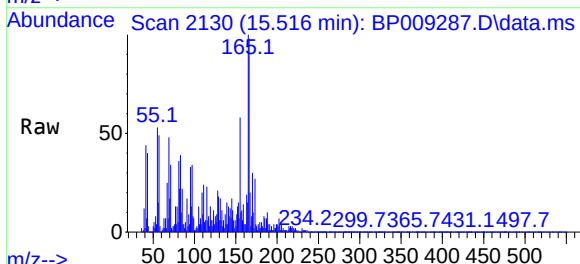
Instrument :
BNA_P
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PPSP-B2-20.5-21.0

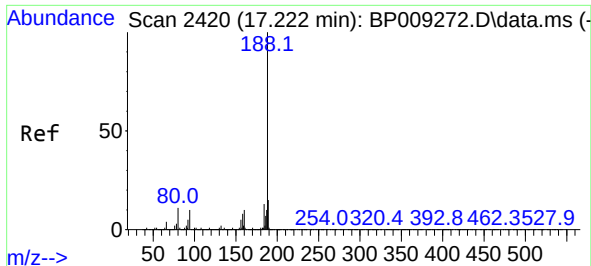
Tgt Ion:168 Resp: 358905
Ion Ratio Lower Upper
168 100
139 63.7 29.1 43.7#
169 77.2 10.6 16.0#



#58
Fluorene
Concen: 9.687 ng
RT: 15.516 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion:166 Resp: 759286
Ion Ratio Lower Upper
166 100
165 101.6 79.2 118.8
167 20.8 10.7 16.1#

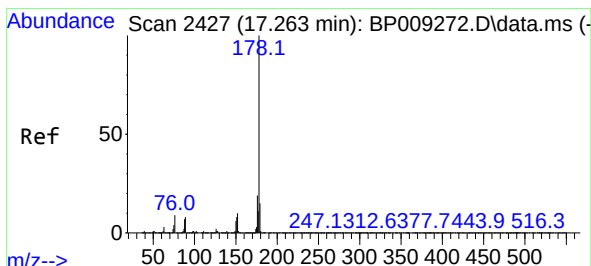
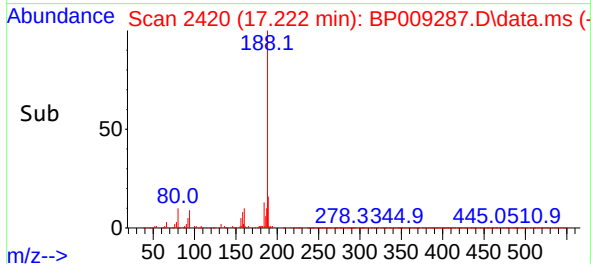
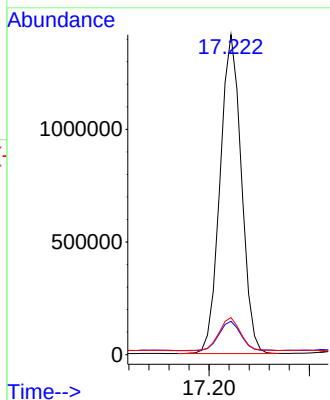
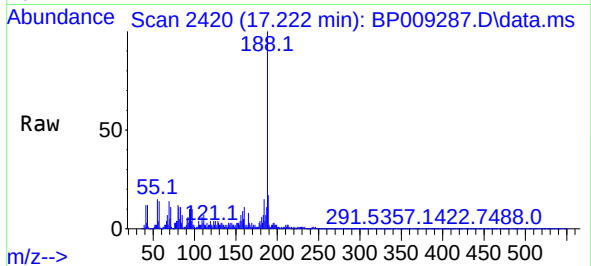




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.222 min Scan# 2420
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

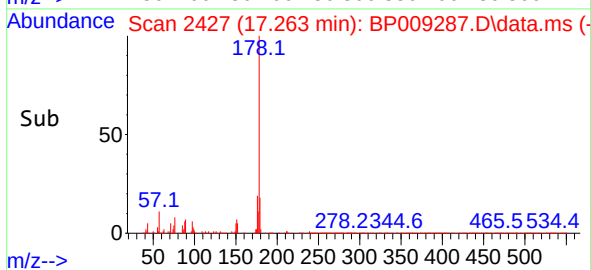
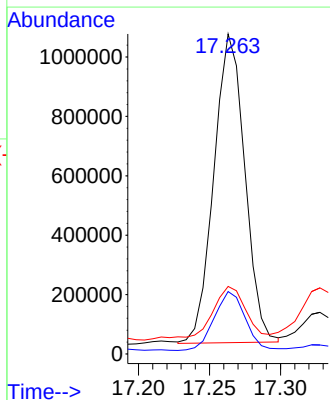
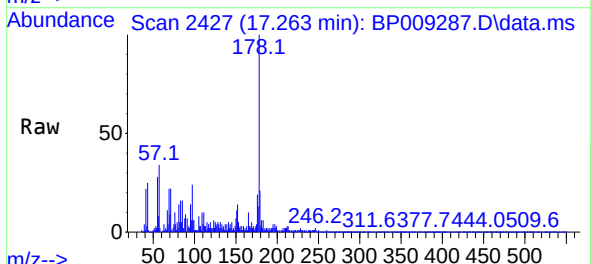
Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

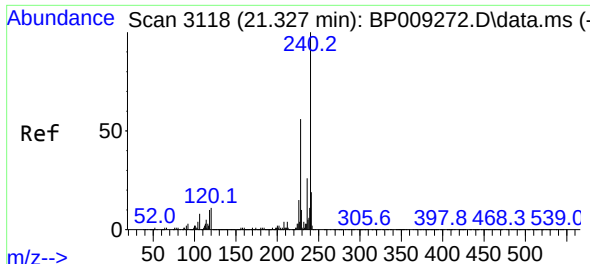
Tgt Ion:188 Resp: 2086716
Ion Ratio Lower Upper
188 100
94 10.5 7.9 11.9
80 11.6 8.8 13.2



#71
Phenanthrene
Concen: 13.149 ng
RT: 17.263 min Scan# 2427
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion:178 Resp: 1576881
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 21.1 12.3 18.5#

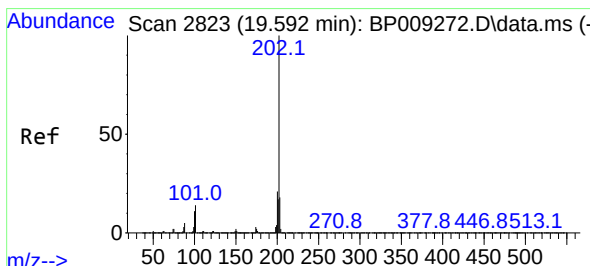
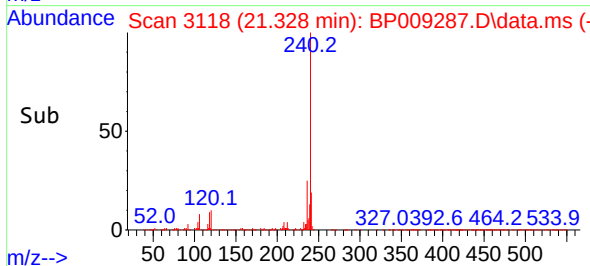
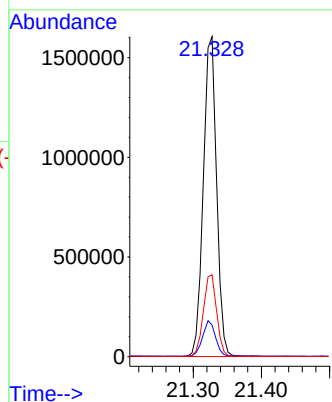
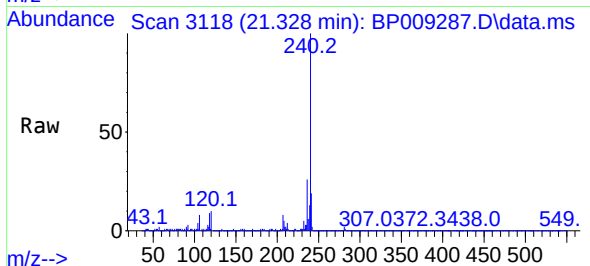




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.328 min Scan# 3118
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

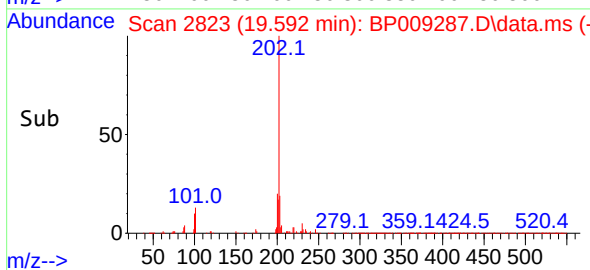
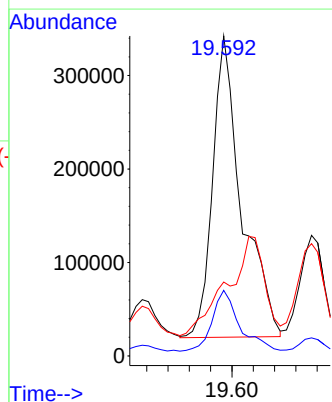
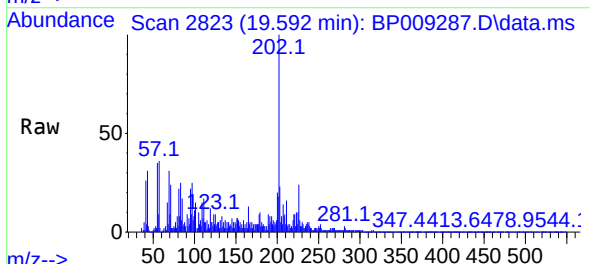
Instrument :
BNA_P
ClientSampleId :
PPSP-B2-20.5-21.0

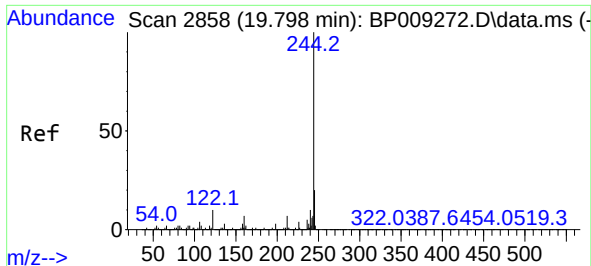
Tgt Ion:240 Resp: 2170210
Ion Ratio Lower Upper
240 100
120 9.9 9.0 13.4
236 25.6 20.6 30.8



#78
Pyrene
Concen: 4.162 ng
RT: 19.592 min Scan# 2823
Delta R.T. 0.000 min
Lab File: BP009287.D
Acq: 07 Mar 2022 16:09

Tgt Ion:202 Resp: 609779
Ion Ratio Lower Upper
202 100
200 20.5 16.8 25.2
203 23.1 14.2 21.4#

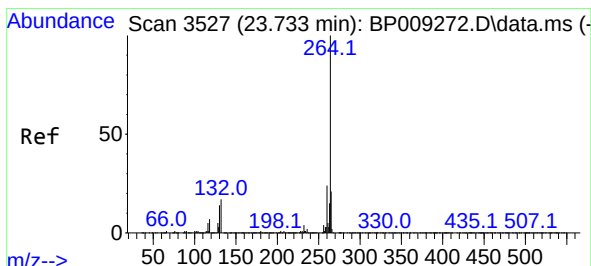
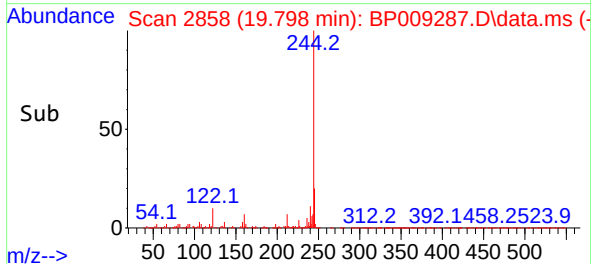
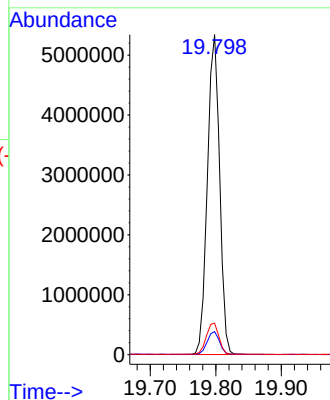
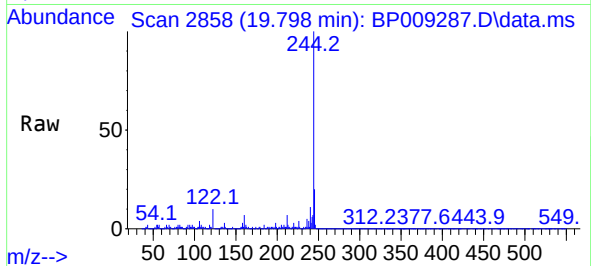




#79
 Terphenyl-d14
 Concen: 60.314 ng
 RT: 19.798 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BP009287.D
 Acq: 07 Mar 2022 16:09

Instrument :
 BNA_P
 ClientSampleId :
 PPSP-B2-20.5-21.0

Tgt Ion:244 Resp: 6936147
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.6
 122 9.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.727 min Scan# 3526
 Delta R.T. -0.006 min
 Lab File: BP009287.D
 Acq: 07 Mar 2022 16:09

Tgt Ion:264 Resp: 2282354
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.4 29.0
 265 22.1 17.2 25.8

