

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
 Data File : BP009495.D
 Acq On : 22 Mar 2022 19:11
 Operator : CG/JU
 Sample : N2021-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 MHQ-SP

Quant Time: Mar 23 01:22:32 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Mar 17 18:26:53 2022
 Response via : Initial Calibration

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

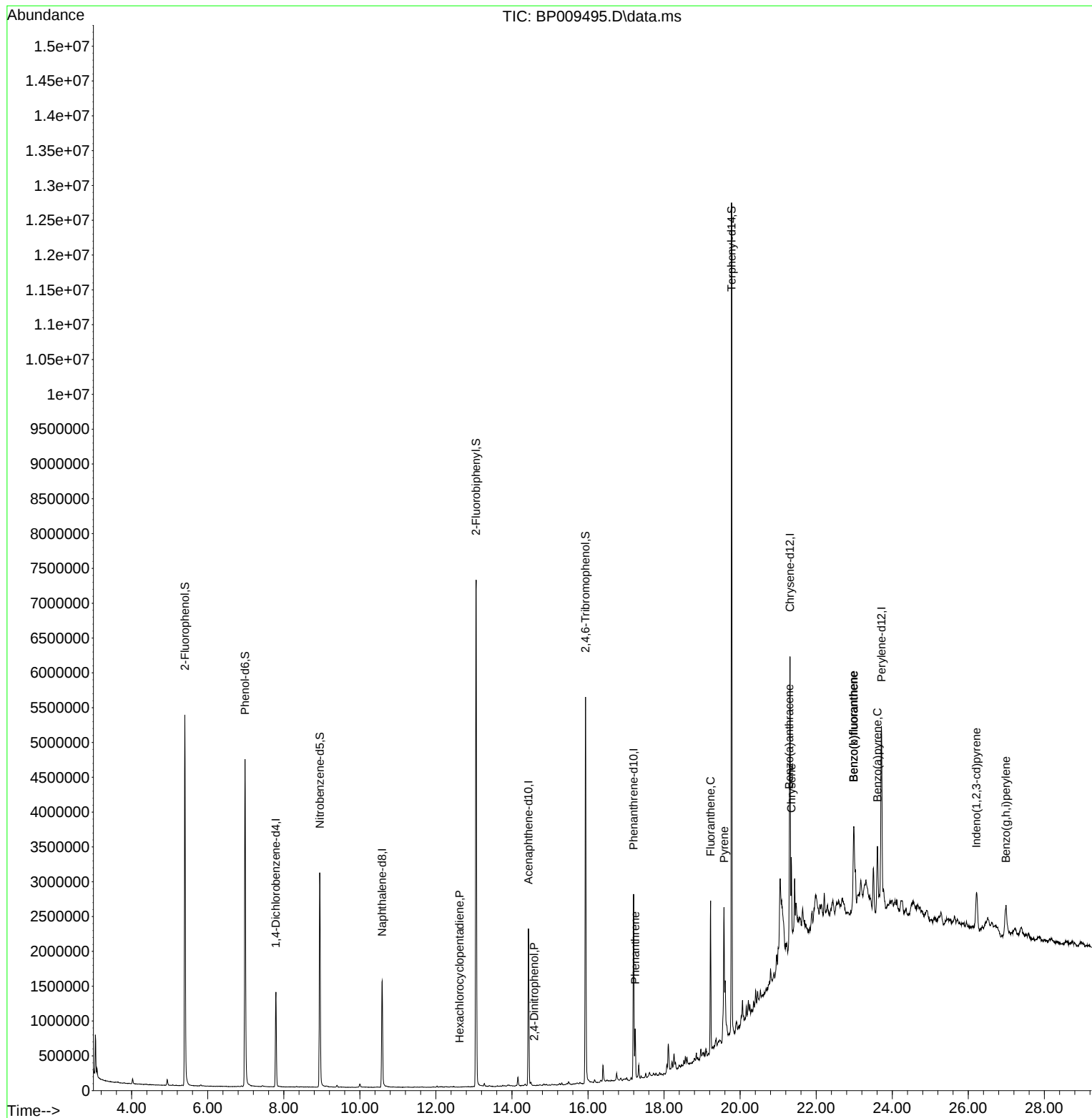
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	423967	20.000	ng	0.00
21) Naphthalene-d8	10.587	136	1529624	20.000	ng	0.00
39) Acenaphthene-d10	14.434	164	863418	20.000	ng	-0.01
64) Phenanthrene-d10	17.198	188	1722361	20.000	ng	0.00
76) Chrysene-d12	21.310	240	1856574	20.000	ng	0.00
86) Perylene-d12	23.716	264	2091213	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2727975	112.340	ng	0.00
7) Phenol-d6	6.981	99	3259734	99.263	ng	-0.01
23) Nitrobenzene-d5	8.946	82	2073876	72.048	ng	-0.01
42) 2,4,6-Tribromophenol	15.934	330	1257037	88.226	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	4357652	69.966	ng	0.00
79) Terphenyl-d14	19.775	244	6300919	60.916	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.952	77	5039	Below Cal	#	72
41) Hexachlorocyclopentadiene	12.622	237	25	7.290	ng	79
54) 2,4-Dinitrophenol	14.587	184	119	4.546	ng	# 1
71) Phenanthrene	17.240	178	466632	5.061	ng	100
75) Fluoranthene	19.222	202	1358368	12.170	ng	98
78) Pyrene	19.575	202	1205638	9.855	ng	100
81) Benzo(a)anthracene	21.292	228	739931	6.066	ng	98
83) Chrysene	21.345	228	762140	6.599	ng	98
87) Indeno(1,2,3-cd)pyrene	26.215	276	579321	3.651	ng	# 93
88) Benzo(b)fluoranthene	22.986	252	1543844	12.367	ng	93
89) Benzo(k)fluoranthene	22.986	252	1543844	12.631	ng	93
90) Benzo(a)pyrene	23.610	252	766690	7.178	ng	97
92) Benzo(g,h,i)perylene	26.986	276	567490	4.363	ng	96

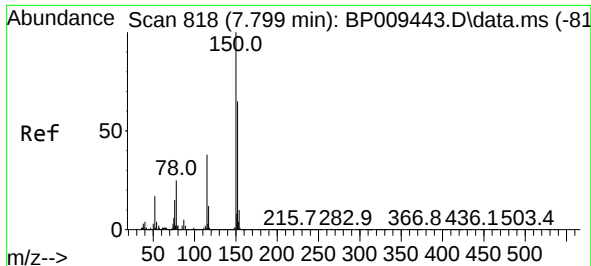
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP032222\
Data File : BP009495.D
Acq On : 22 Mar 2022 19:11
Operator : CG/JU
Sample : N2021-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
MHQ-SP

Quant Time: Mar 23 01:22:32 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP031722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 17 18:26:53 2022
Response via : Initial Calibration

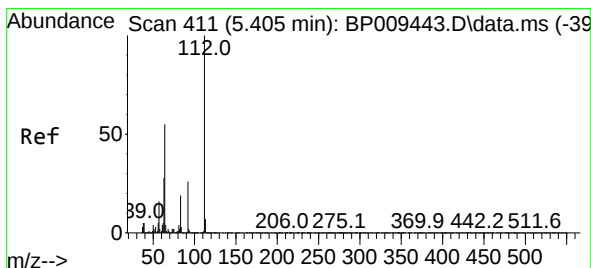
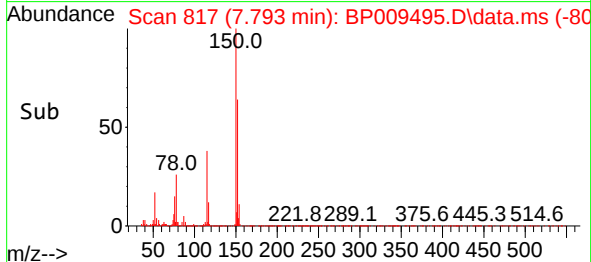
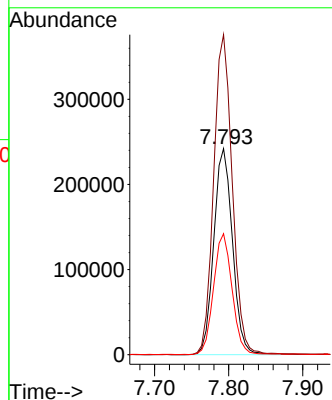
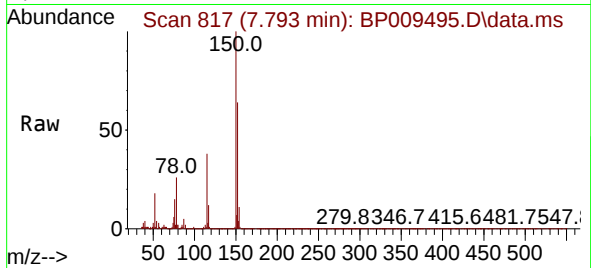




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.793 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

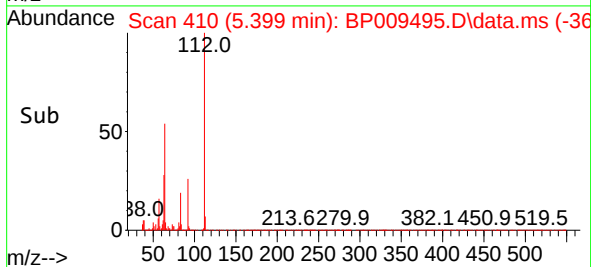
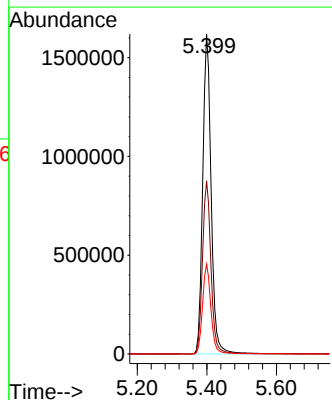
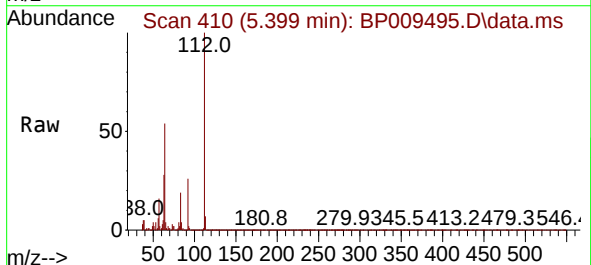
Instrument :
BNA_P
ClientSampleId :
MHQ-SP

Tgt Ion:152 Resp: 423967
Ion Ratio Lower Upper
152 100
150 155.2 124.5 186.7
115 58.7 48.2 72.4



#5
2-Fluorophenol
Concen: 112.340 ng
RT: 5.399 min Scan# 410
Delta R.T. -0.006 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

Tgt Ion:112 Resp: 2727975
Ion Ratio Lower Upper
112 100
64 54.1 45.0 67.4
63 28.1 23.0 34.6

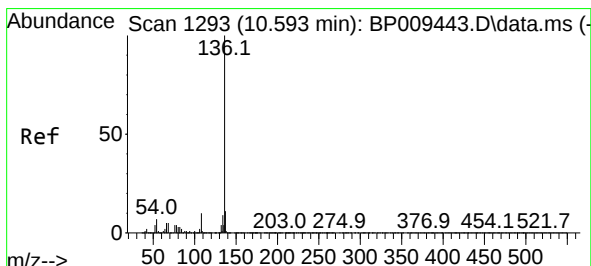
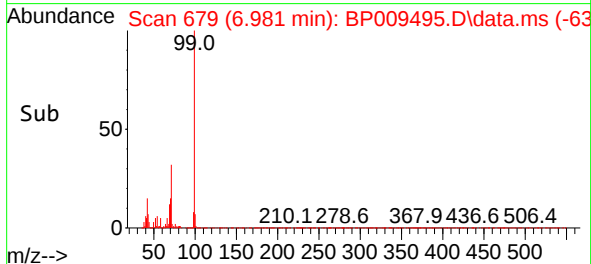
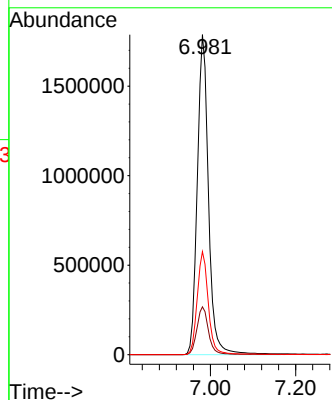
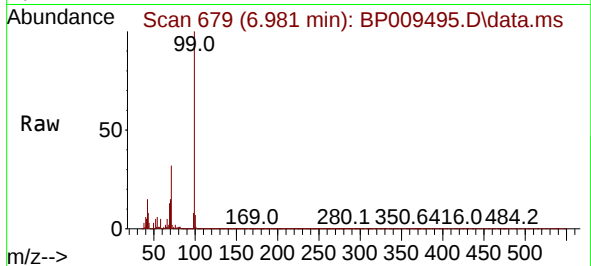




#7
Phenol-d6
Concen: 99.263 ng
RT: 6.981 min Scan# 61
Delta R.T. -0.012 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

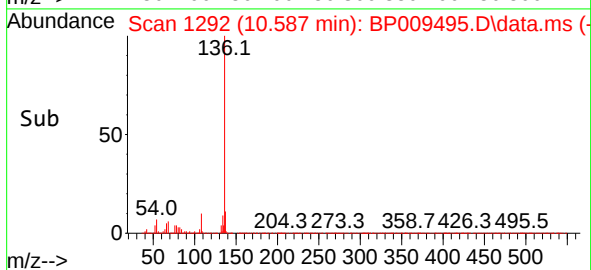
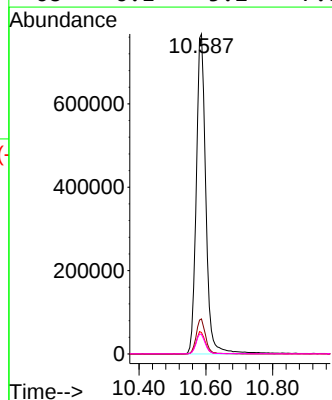
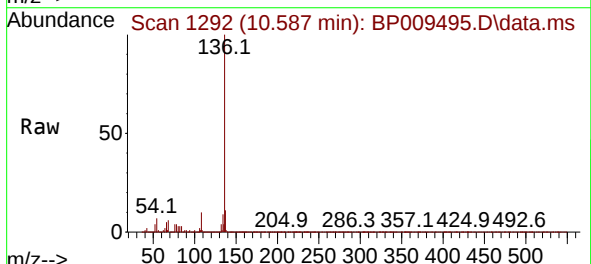
Instrument :
BNA_P
ClientSampleId :
MHQ-SP

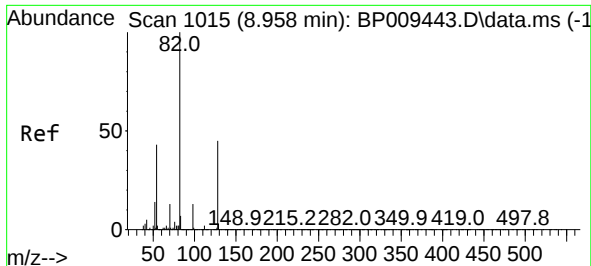
Tgt Ion: 99 Resp: 3259734
Ion Ratio Lower Upper
99 100
42 15.0 12.8 19.2
71 32.2 26.3 39.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.587 min Scan# 1292
Delta R.T. -0.006 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

Tgt Ion: 136 Resp: 1529624
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 6.7 5.8 8.8
68 6.1 5.2 7.8

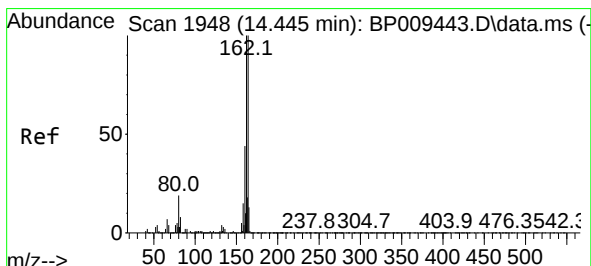
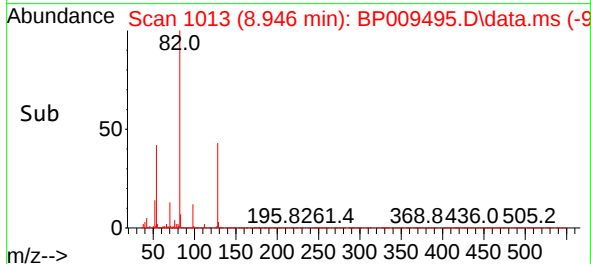
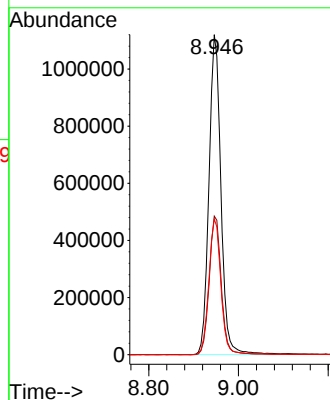
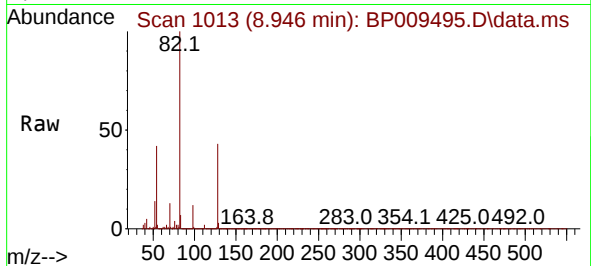




#23
Nitrobenzene-d5
Concen: 72.048 ng
RT: 8.946 min Scan# 1015
Delta R.T. -0.012 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

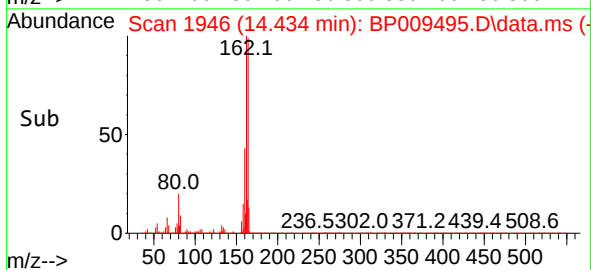
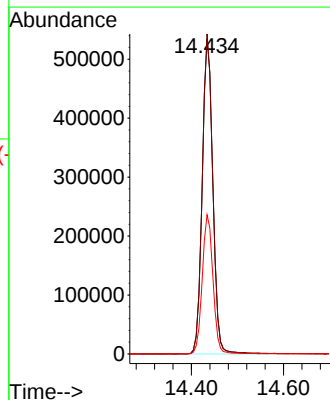
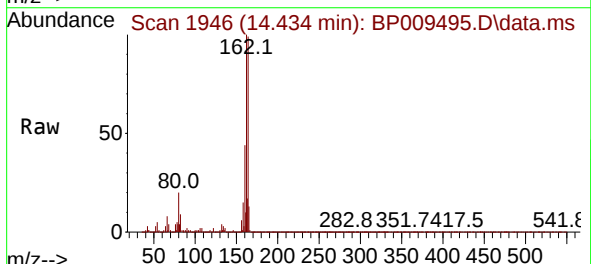
Instrument :
BNA_P
ClientSampleId :
MHQ-SP

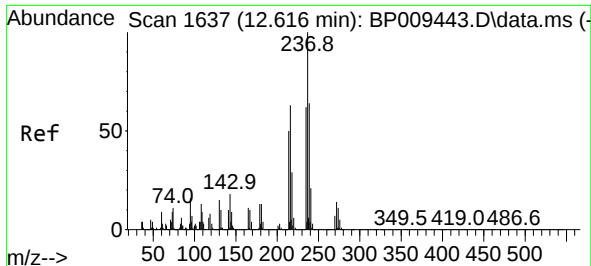
Tgt Ion: 82 Resp: 2073876
Ion Ratio Lower Upper
82 100
128 43.3 34.2 51.4
54 42.4 34.7 52.1



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.434 min Scan# 1946
Delta R.T. -0.011 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

Tgt Ion:164 Resp: 863418
Ion Ratio Lower Upper
164 100
162 101.5 79.1 118.7
160 44.1 34.9 52.3

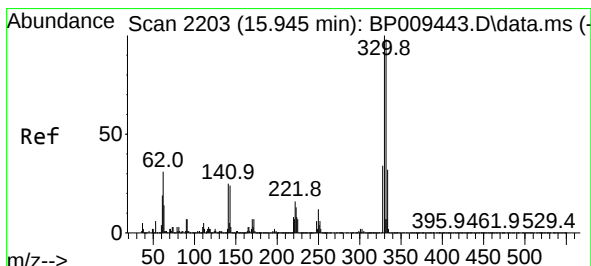
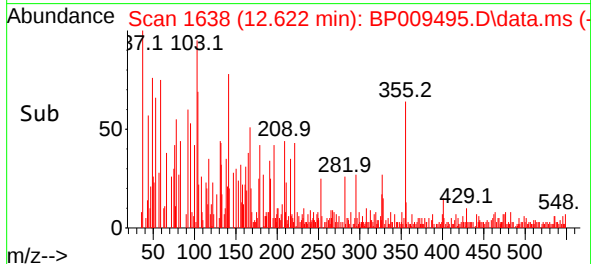
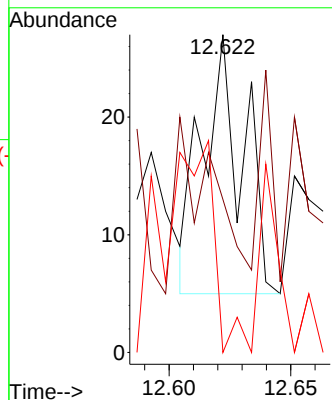
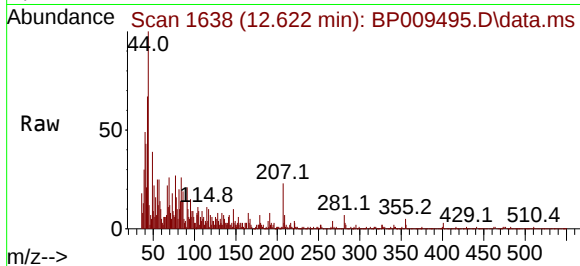




#41
Hexachlorocyclopentadiene
Concen: 7.290 ng
RT: 12.622 min Scan# 1
Delta R.T. 0.006 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

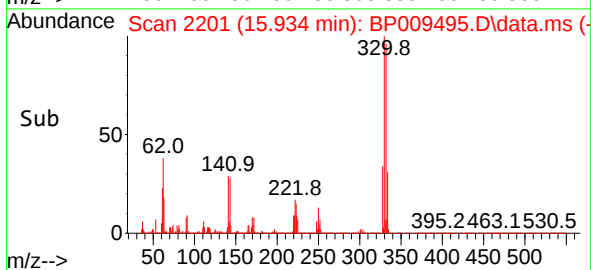
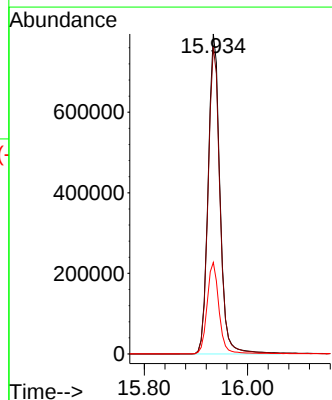
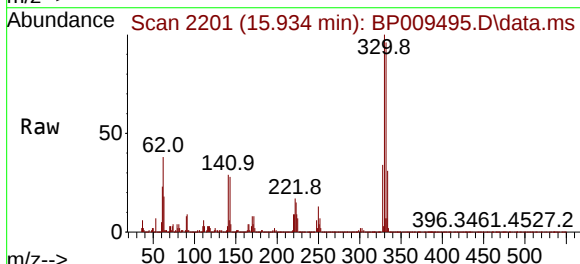
Instrument :
BNA_P
ClientSampleId :
MHQ-SP

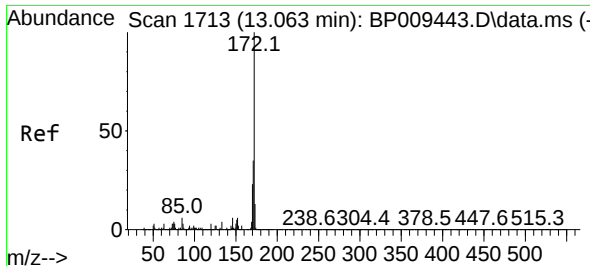
Tgt Ion:	237	Resp:	25
Ion	Ratio	Lower	Upper
237	100		
235	48.1	42.6	82.6
272	0.0	0.0	32.8



#42
2,4,6-Tribromophenol
Concen: 88.226 ng
RT: 15.934 min Scan# 2201
Delta R.T. -0.012 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

Tgt Ion:	330	Resp:	1257037
Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	28.8	27.6	41.4

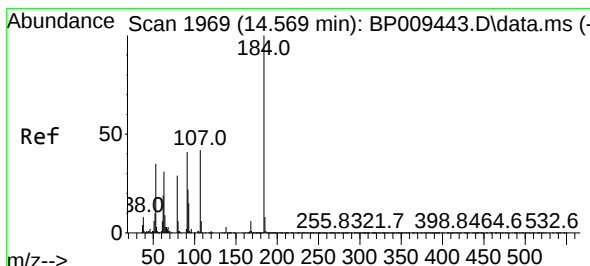
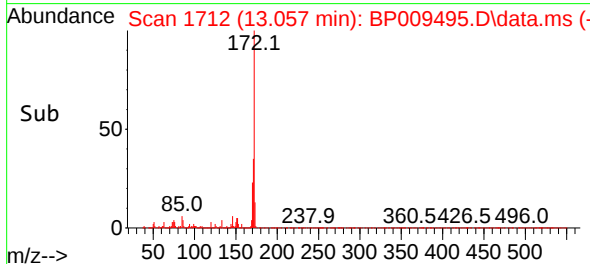
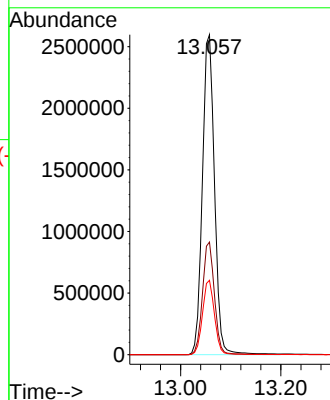
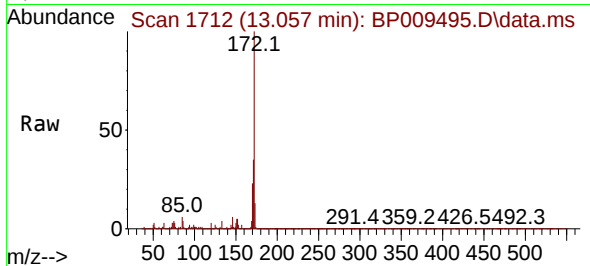




#45
2-Fluorobiphenyl
Concen: 69.966 ng
RT: 13.057 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

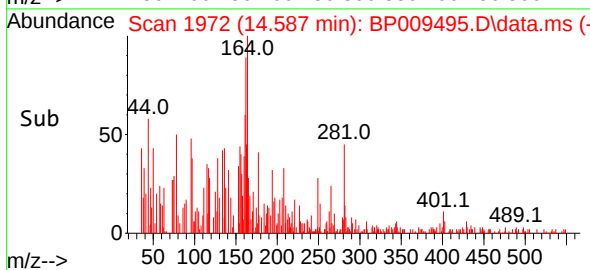
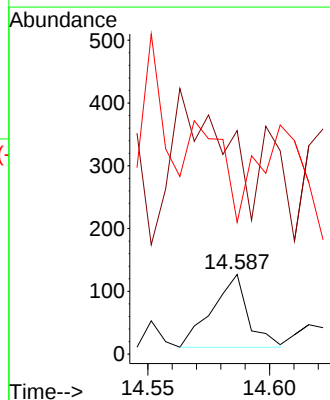
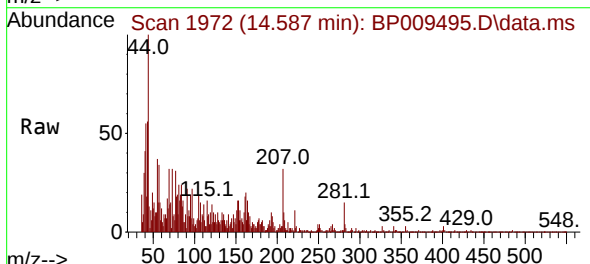
Instrument :
BNA_P
ClientSampleId :
MHQ-SP

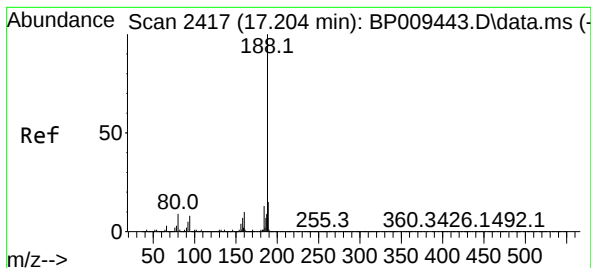
Tgt Ion:172 Resp: 4357652
Ion Ratio Lower Upper
172 100
171 35.2 28.0 42.0
170 23.3 18.6 27.8



#54
2,4-Dinitrophenol
Concen: 4.546 ng
RT: 14.587 min Scan# 1972
Delta R.T. 0.018 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

Tgt Ion:184 Resp: 119
Ion Ratio Lower Upper
184 100
63 280.3 46.3 69.5#
154 165.4 45.8 68.6#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.198 min Scan# 2416

Delta R.T. -0.006 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

Instrument :

BNA_P

ClientSampleId :

MHQ-SP

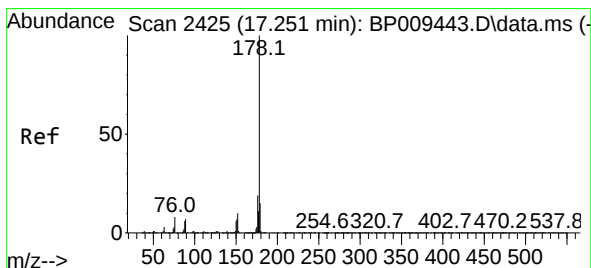
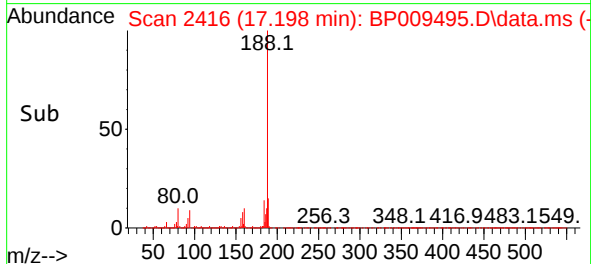
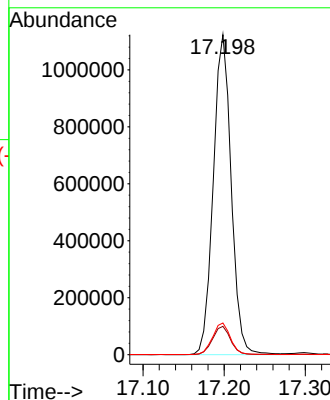
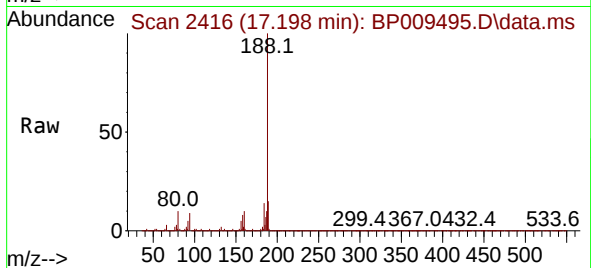
Tgt Ion:188 Resp: 1722361

Ion Ratio Lower Upper

188 100

94 8.9 7.9 11.9

80 9.9 8.8 13.2



#71

Phenanthrene

Concen: 5.061 ng

RT: 17.240 min Scan# 2423

Delta R.T. -0.012 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

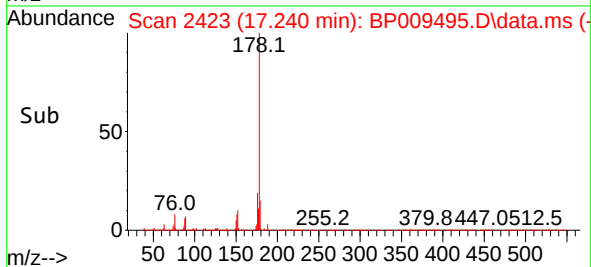
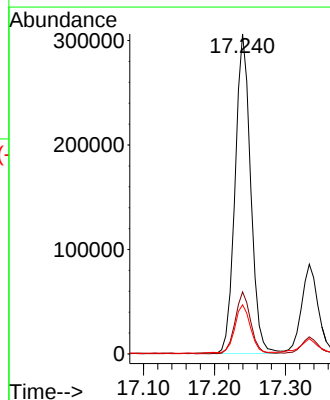
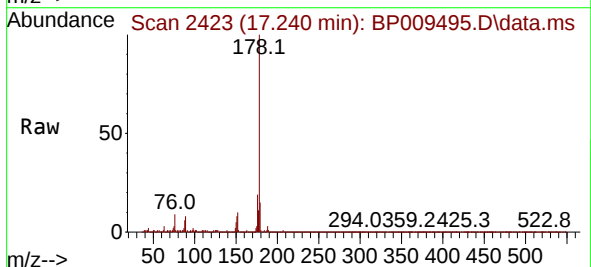
Tgt Ion:178 Resp: 466632

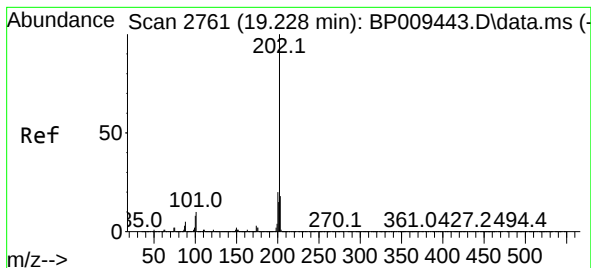
Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

179 15.3 12.3 18.5





#75

Fluoranthene

Concen: 12.170 ng

RT: 19.222 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

Instrument :

BNA_P

ClientSampleId :

MHQ-SP

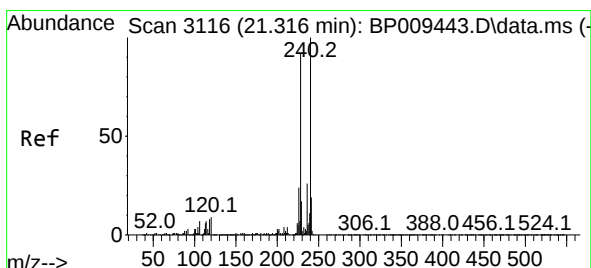
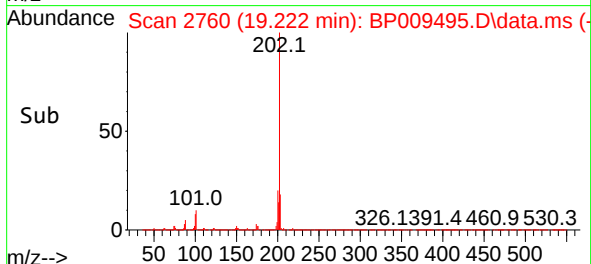
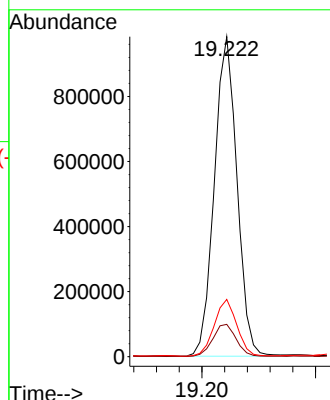
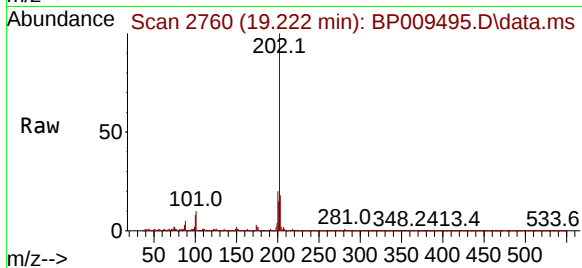
Tgt Ion:202 Resp: 1358368

Ion Ratio Lower Upper

202 100

101 10.1 0.0 31.5

203 17.9 0.0 37.8



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.006 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

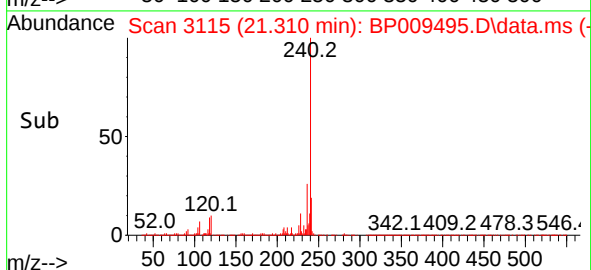
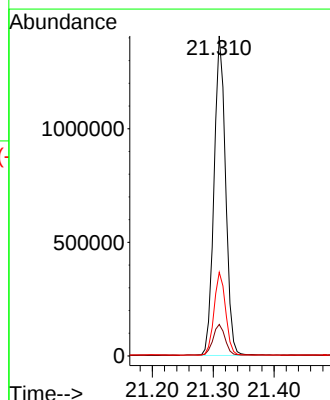
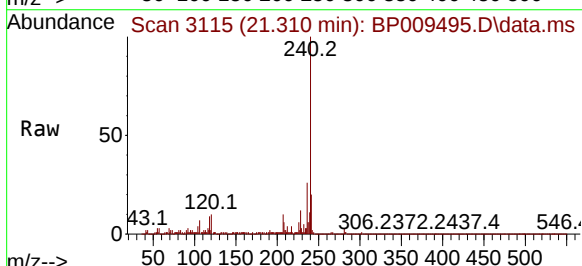
Tgt Ion:240 Resp: 1856574

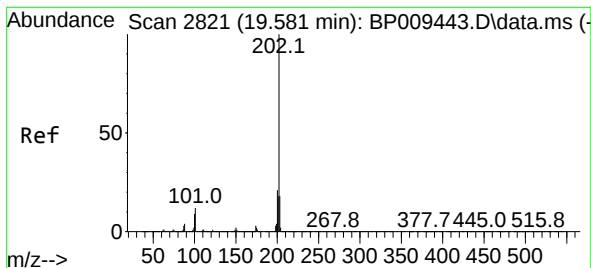
Ion Ratio Lower Upper

240 100

120 9.9 9.0 13.4

236 26.1 20.6 30.8





#78

Pyrene

Concen: 9.855 ng

RT: 19.575 min Scan# 2820

Delta R.T. -0.006 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

Instrument :

BNA_P

ClientSampleId :

MHQ-SP

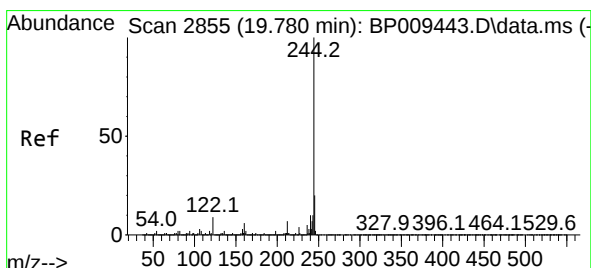
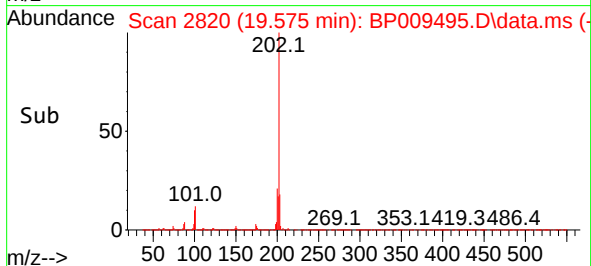
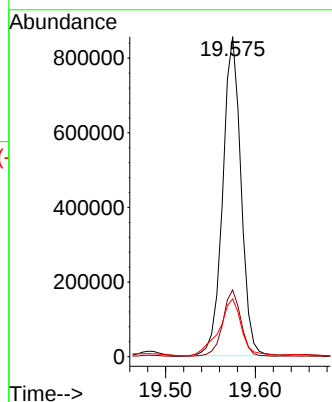
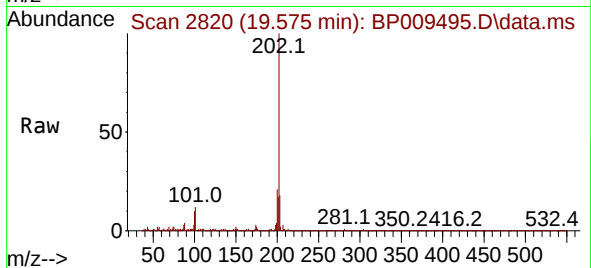
Tgt Ion:202 Resp: 1205638

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

203 18.0 14.2 21.4



#79

Terphenyl-d14

Concen: 60.916 ng

RT: 19.775 min Scan# 2854

Delta R.T. -0.006 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

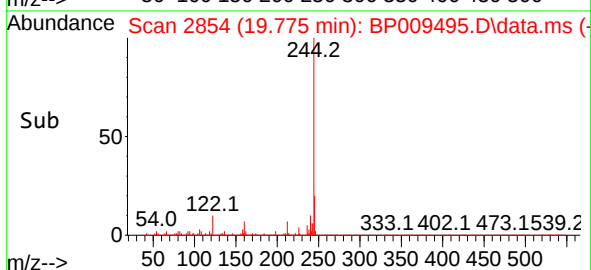
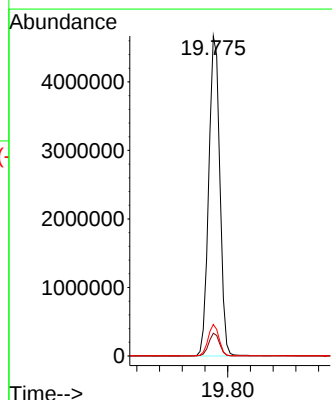
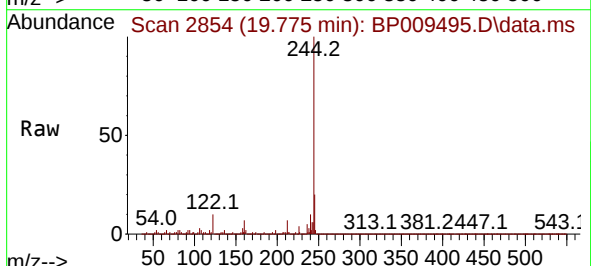
Tgt Ion:244 Resp: 6300919

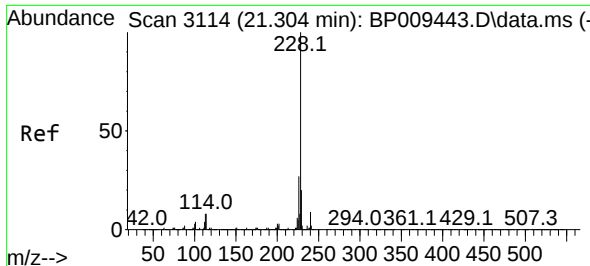
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.6

122 9.9 8.3 12.5

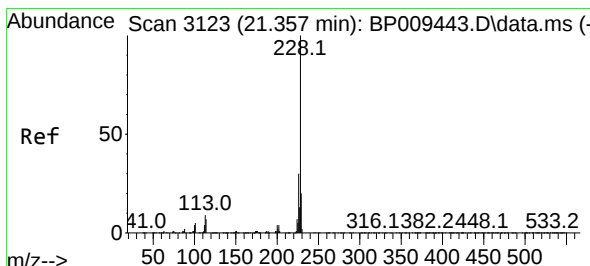
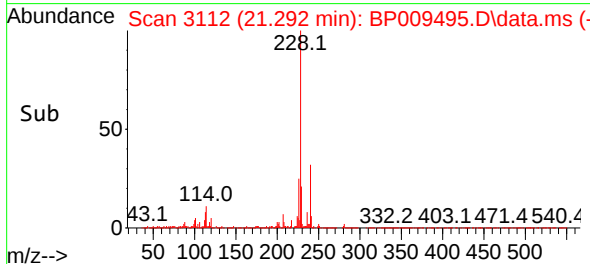
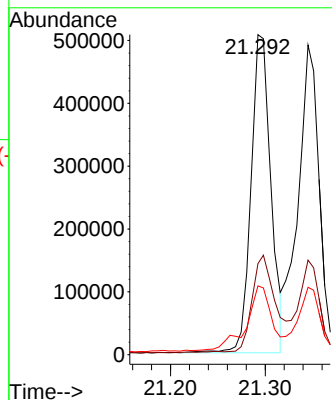
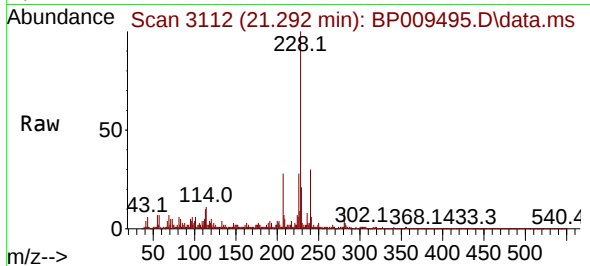




#81
Benzo(a)anthracene
Concen: 6.066 ng
RT: 21.292 min Scan# 3112
Delta R.T. -0.012 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

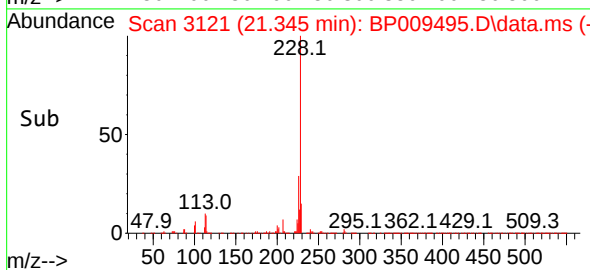
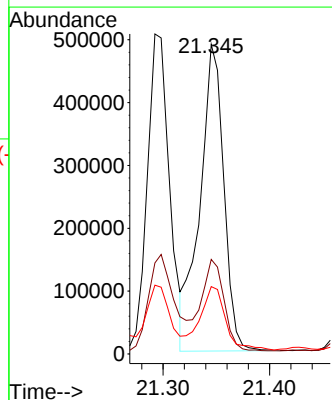
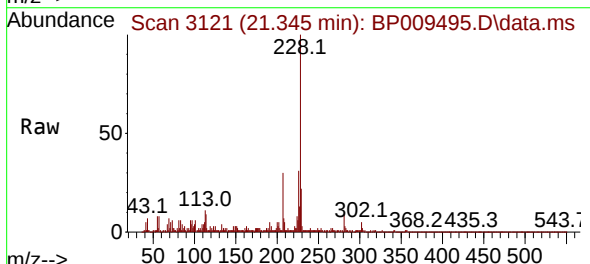
Instrument :
BNA_P
ClientSampleId :
MHQ-SP

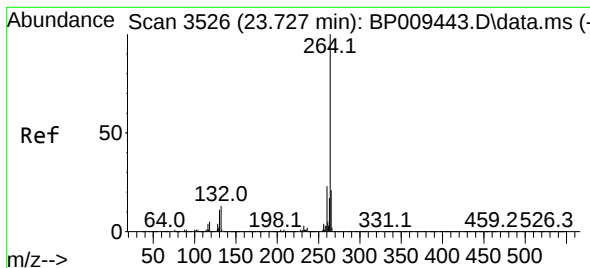
Tgt Ion:228 Resp: 739931
Ion Ratio Lower Upper
228 100
226 28.5 22.0 33.0
229 21.5 16.1 24.1



#83
Chrysene
Concen: 6.599 ng
RT: 21.345 min Scan# 3121
Delta R.T. -0.012 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

Tgt Ion:228 Resp: 762140
Ion Ratio Lower Upper
228 100
226 30.5 24.2 36.2
229 21.8 16.1 24.1





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.716 min Scan# 3

Delta R.T. -0.012 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

Instrument :

BNA_P

ClientSampleId :

MHQ-SP

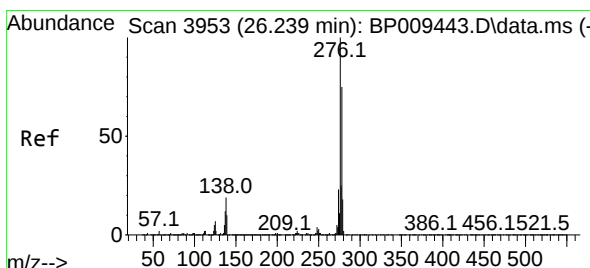
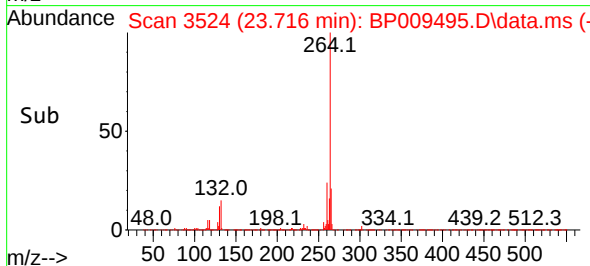
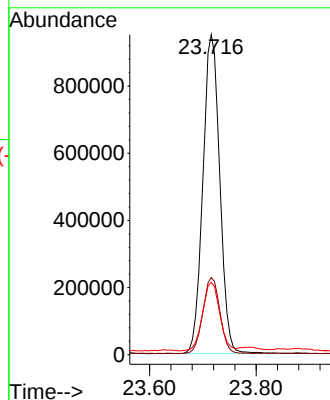
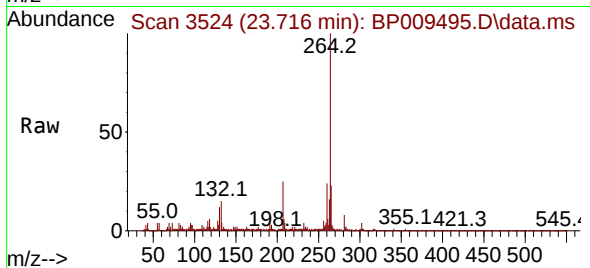
Tgt Ion:264 Resp: 2091213

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.0

265 22.6 17.2 25.8



#87

Indeno(1,2,3-cd)pyrene

Concen: 3.651 ng

RT: 26.215 min Scan# 3949

Delta R.T. -0.023 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

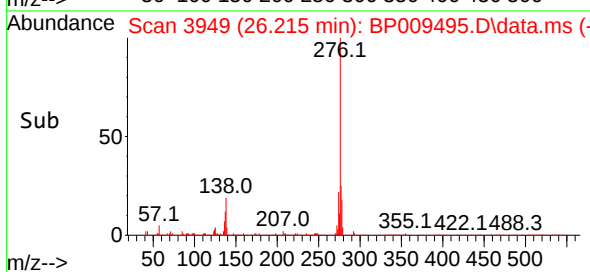
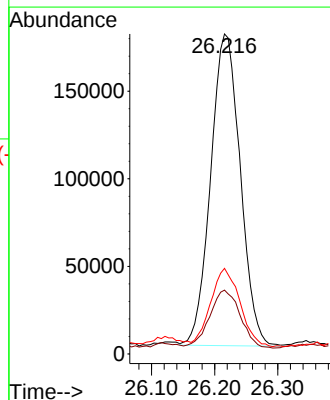
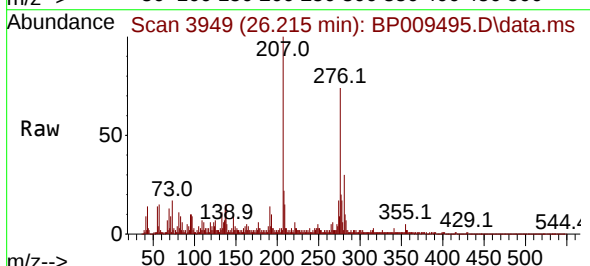
Tgt Ion:276 Resp: 579321

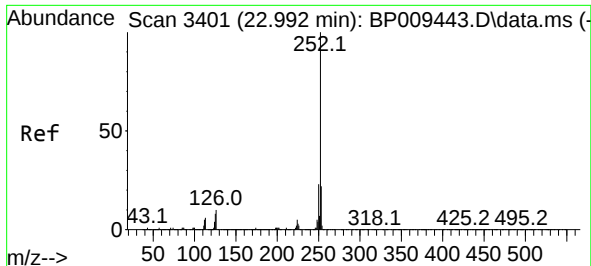
Ion Ratio Lower Upper

276 100

138 19.3 20.5 30.7#

277 24.9 20.4 30.6

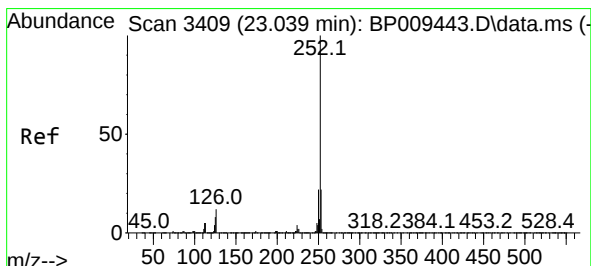
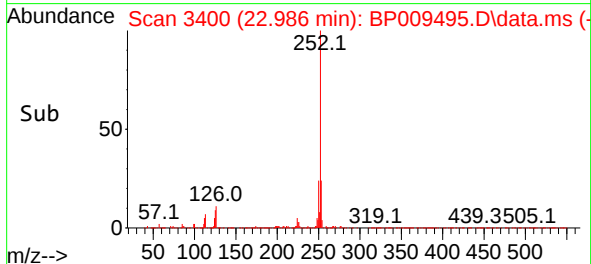
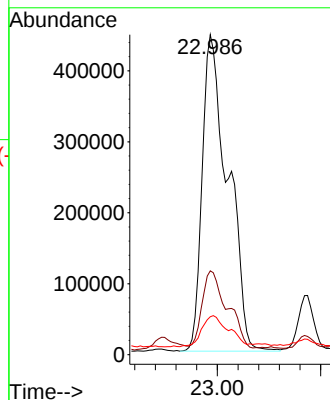
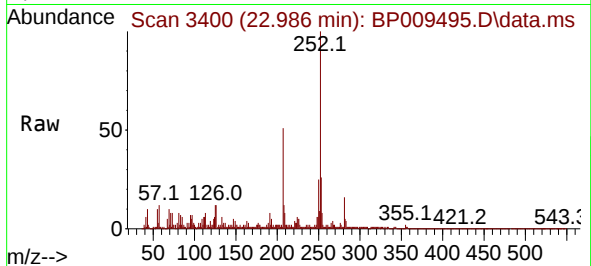




#88
Benzo(b)fluoranthene
Concen: 12.367 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.006 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

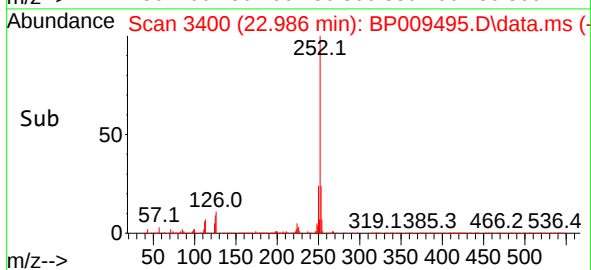
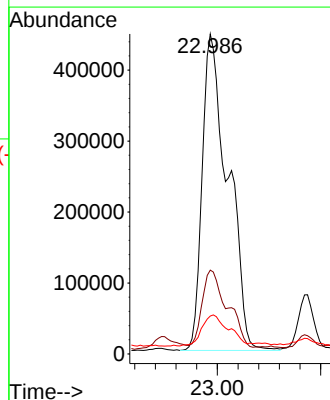
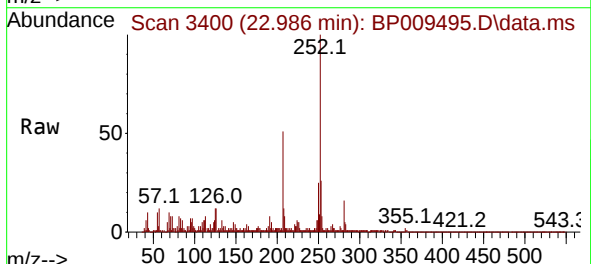
Instrument :
BNA_P
ClientSampleId :
MHQ-SP

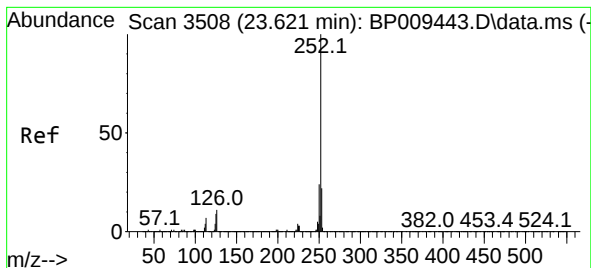
Tgt Ion:252 Resp: 1543844
Ion Ratio Lower Upper
252 100
253 26.2 17.8 26.8
125 11.8 8.1 12.1



#89
Benzo(k)fluoranthene
Concen: 12.631 ng
RT: 22.986 min Scan# 3400
Delta R.T. -0.053 min
Lab File: BP009495.D
Acq: 22 Mar 2022 19:11

Tgt Ion:252 Resp: 1543844
Ion Ratio Lower Upper
252 100
253 26.2 17.5 26.3
125 11.8 8.3 12.5





#90

Benzo(a)pyrene

Concen: 7.178 ng

RT: 23.610 min Scan# 3506

Delta R.T. -0.012 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

Instrument :

BNA_P

ClientSampleId :

MHQ-SP

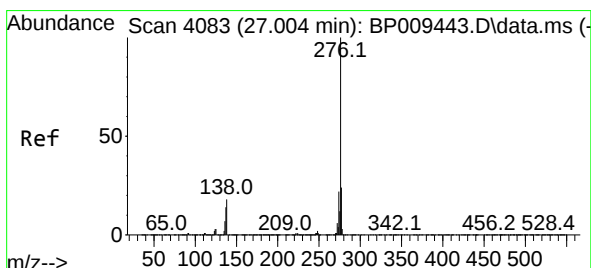
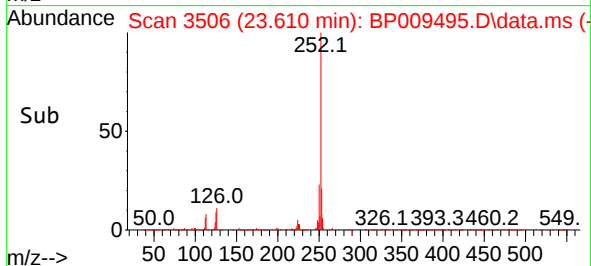
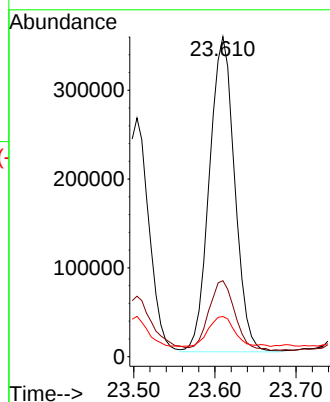
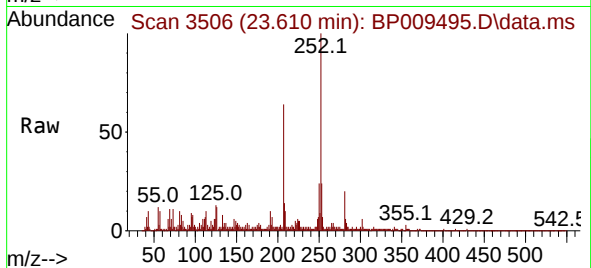
Tgt Ion:252 Resp: 766690

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 12.5 9.3 13.9



#92

Benzo(g,h,i)perylene

Concen: 4.363 ng

RT: 26.986 min Scan# 4080

Delta R.T. -0.018 min

Lab File: BP009495.D

Acq: 22 Mar 2022 19:11

Tgt Ion:276 Resp: 567490

Ion Ratio Lower Upper

276 100

277 26.3 19.2 28.8

138 20.6 18.0 27.0

