

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021622\
 Data File : BP009177.D
 Acq On : 16 Feb 2022 14:23
 Operator : CG/JU
 Sample : N1514-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 16 14:58:07 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP020722.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 16 14:30:24 2022
 Response via : Initial Calibration

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

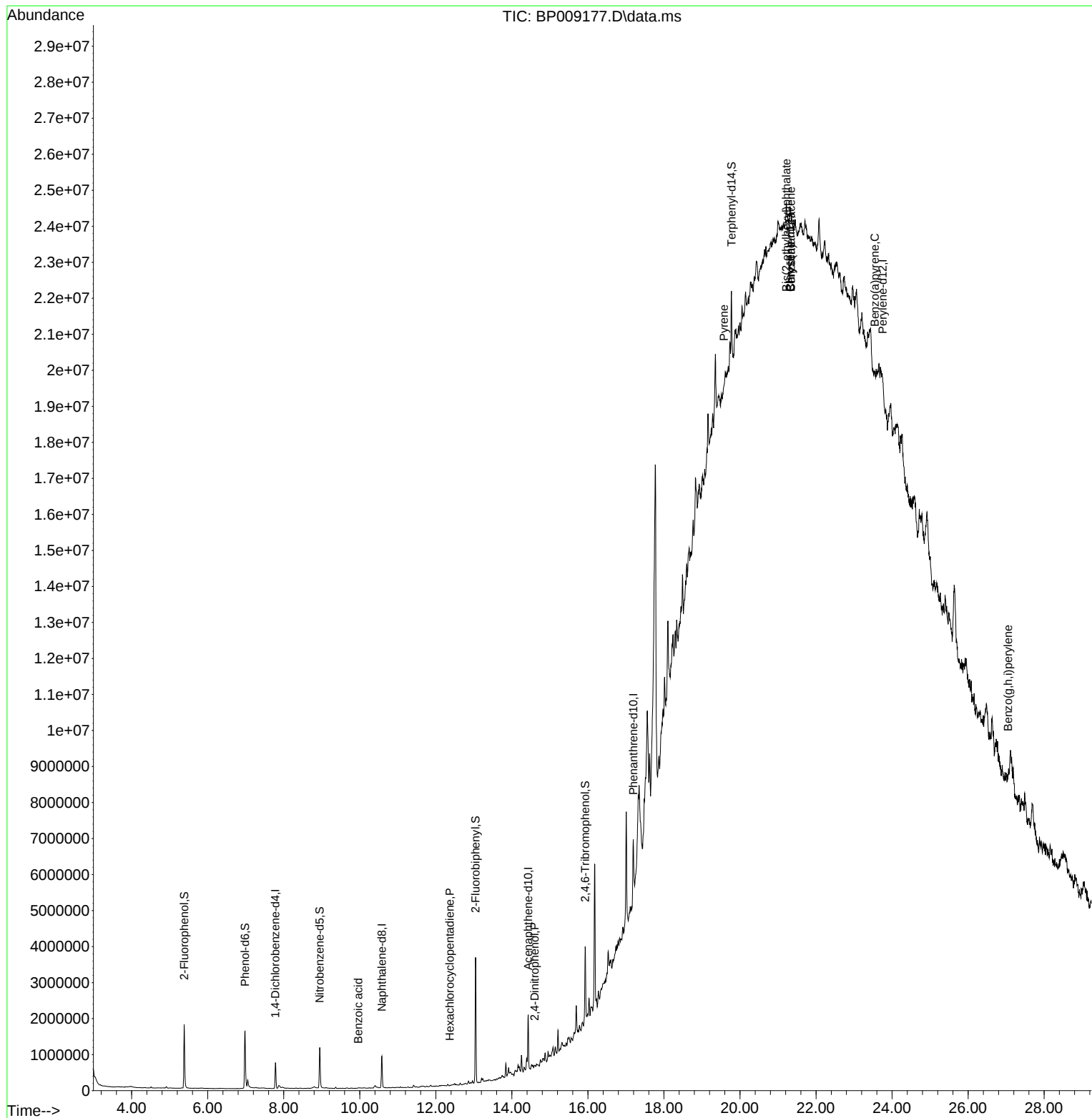
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	218468	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	810443	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	523593	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	899749	20.000	ng	0.00
76) Chrysene-d12	21.322	240	488022	20.000	ng	# 0.04
86) Perylene-d12	23.751	264	906597	20.000	ng	# 0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.381	112	940470	76.790	ng	0.00
7) Phenol-d6	6.981	99	1139431	70.606	ng	0.00
23) Nitrobenzene-d5	8.946	82	719459	50.063	ng	0.00
42) 2,4,6-Tribromophenol	15.928	330	550830	78.792	ng	0.00
45) 2-Fluorobiphenyl	13.046	172	1967393	52.601	ng	0.00
79) Terphenyl-d14	19.775	244	1913635	70.516	ng	0.02
Target Compounds						
						Qvalue
32) Benzoic acid	9.963	122	2984	3.088	ng	# 83
41) Hexachlorocyclopentadiene	12.369	237	31	8.660	ng	91
54) 2,4-Dinitrophenol	14.598	184	144	2.210	ng	# 1
78) Pyrene	19.580	202	90586	2.609	ng	# 17
81) Benzo(a)anthracene	21.339	228	95924	3.050	ng	# 13
83) Chrysene	21.339	228	98749	3.257	ng	# 20
84) Bis(2-ethylhexyl)phtha...	21.216	149	595910	37.739	ng	# 81
90) Benzo(a)pyrene	23.545	252	150194	3.228	ng	# 1
92) Benzo(g,h,i)perylene	27.051	276	255509	4.636	ng	# 58

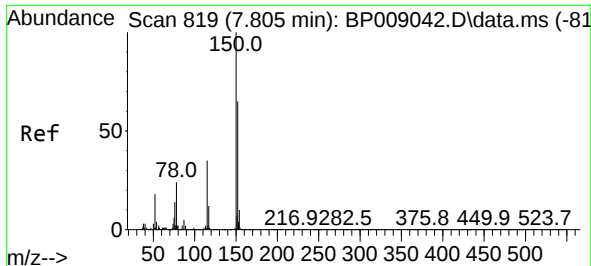
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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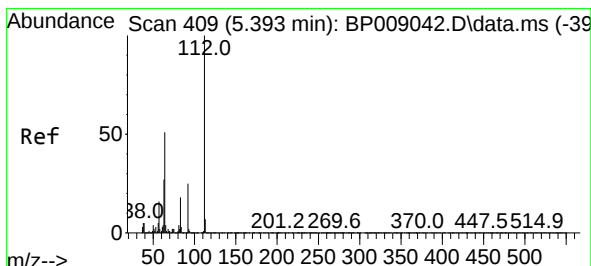
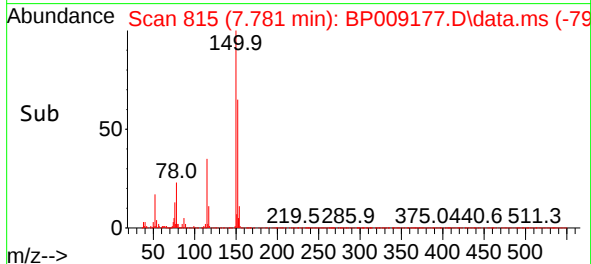
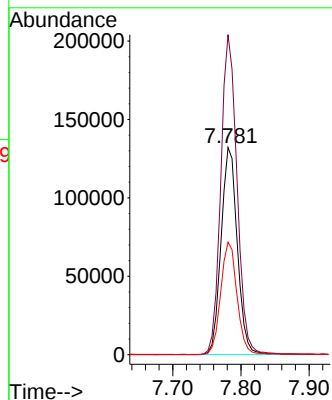
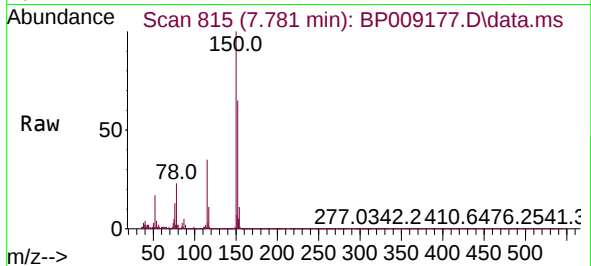




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

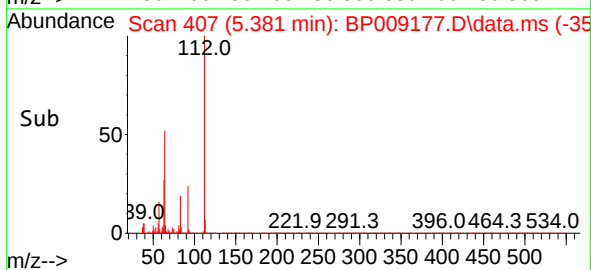
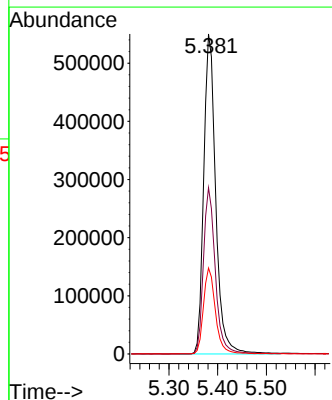
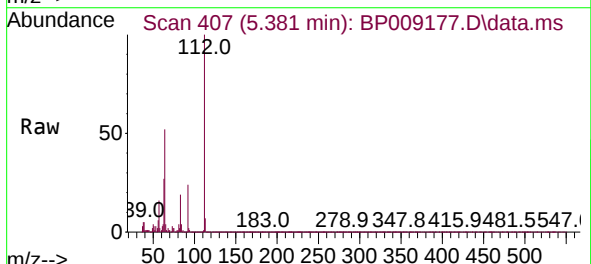
Instrument :
BNA_P
ClientSampleId :

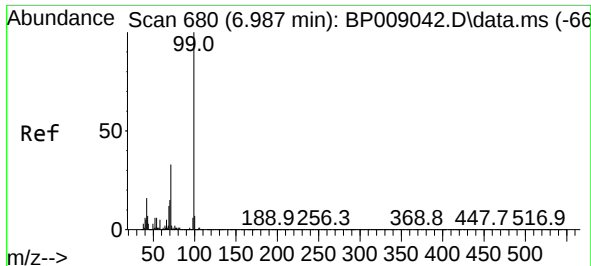
Tgt Ion:152 Resp: 218468
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 54.3 43.7 65.5



#5
2-Fluorophenol
Concen: 76.790 ng
RT: 5.381 min Scan# 407
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Tgt Ion:112 Resp: 940470
Ion Ratio Lower Upper
112 100
64 52.0 39.7 59.5
63 26.9 20.0 30.0

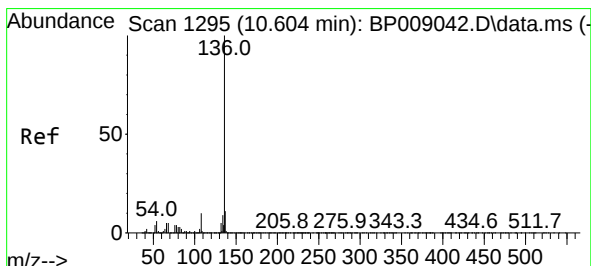
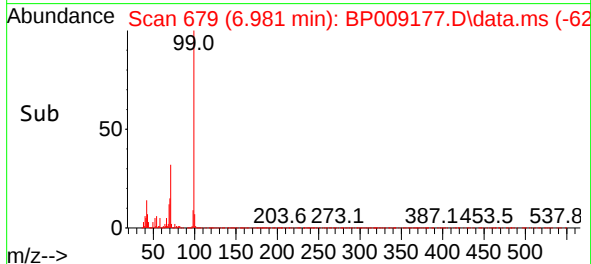
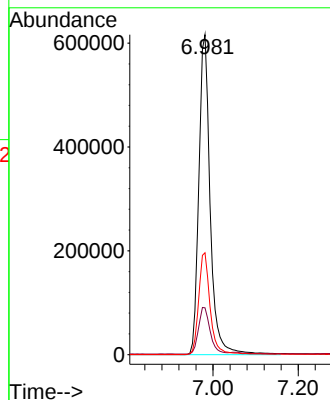
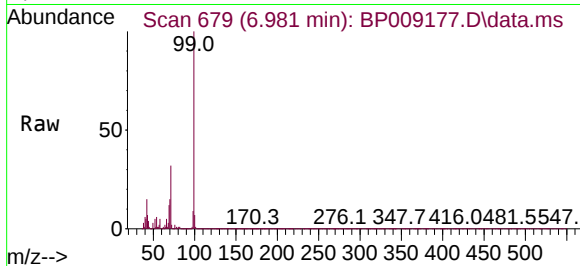




#7
Phenol-d6
Concen: 70.606 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

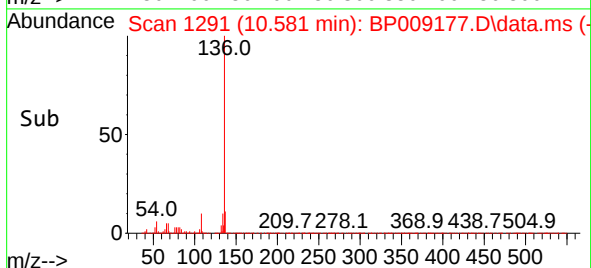
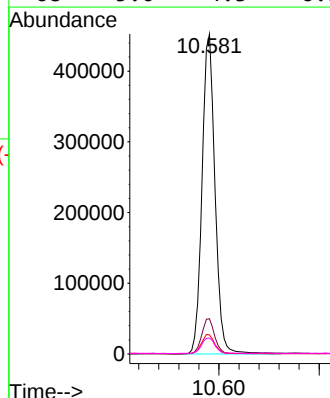
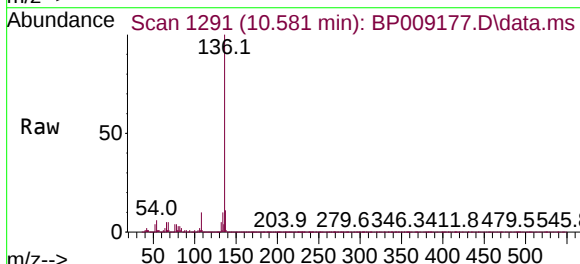
Instrument :
BNA_P
ClientSampleId :

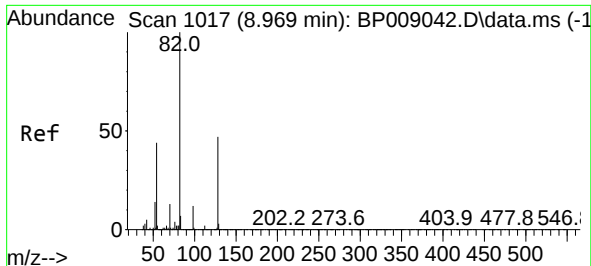
Tgt Ion: 99 Resp: 1139431
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 31.9 23.8 35.6



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Tgt Ion: 136 Resp: 810443
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.4
54 6.0 4.9 7.3
68 5.0 4.3 6.5





#23

Nitrobenzene-d5

Concen: 50.063 ng

RT: 8.946 min Scan# 1

Delta R.T. 0.000 min

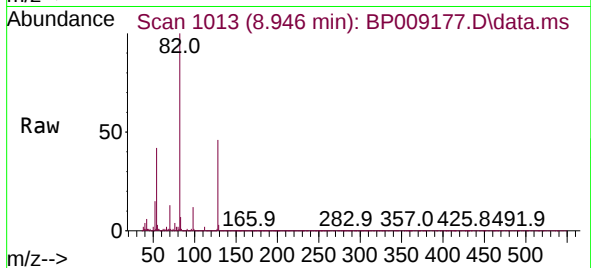
Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :



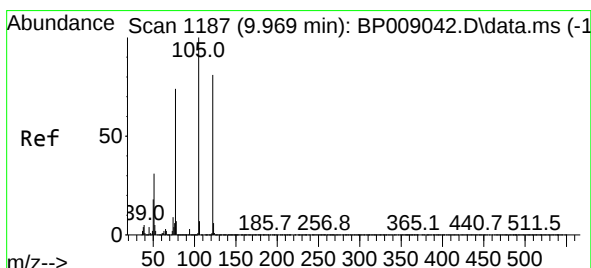
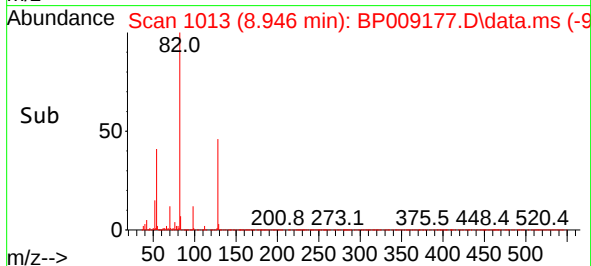
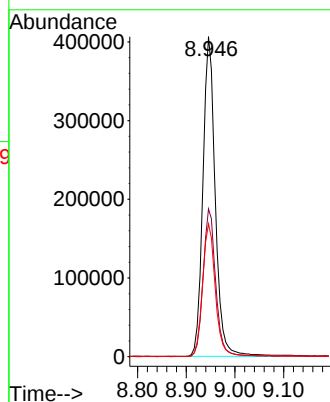
Tgt Ion: 82 Resp: 719459

Ion Ratio Lower Upper

82 100

128 46.2 39.4 59.2

54 41.5 32.6 48.8



#32

Benzoic acid

Concen: 3.088 ng

RT: 9.963 min Scan# 1186

Delta R.T. -0.029 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

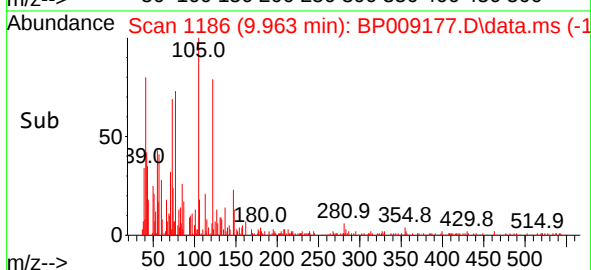
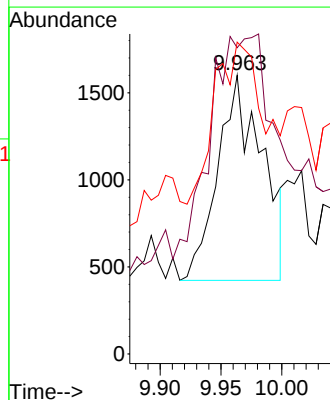
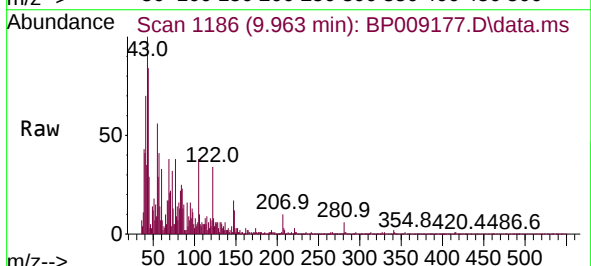
Tgt Ion:122 Resp: 2984

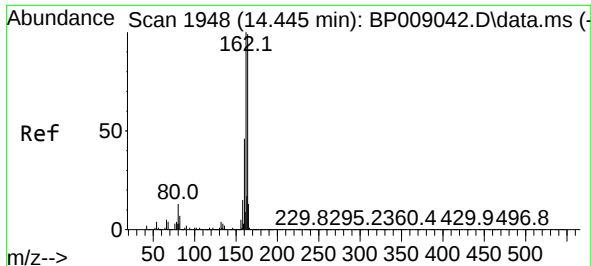
Ion Ratio Lower Upper

122 100

105 109.9 100.1 140.1

77 111.9 65.5 105.5#

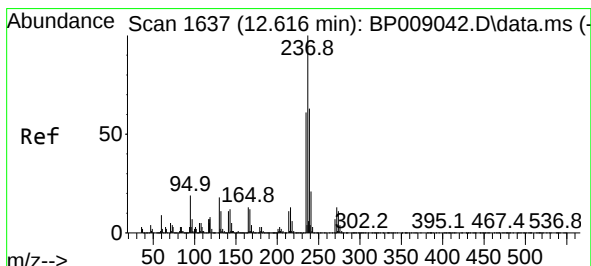
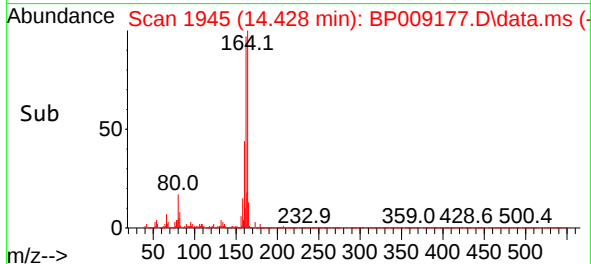
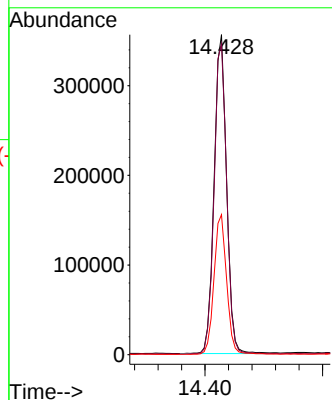
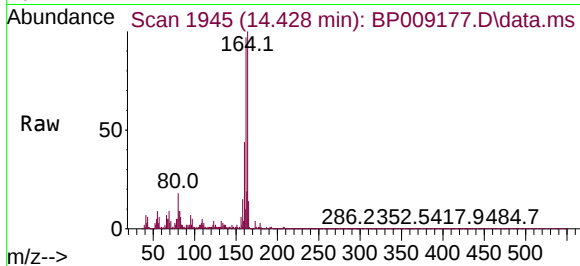




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

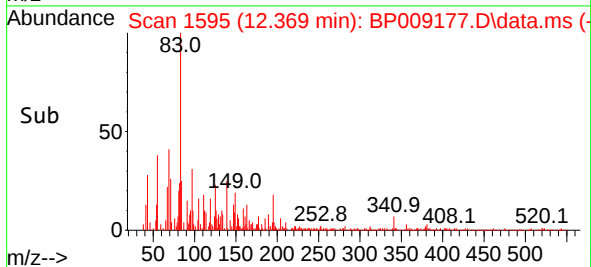
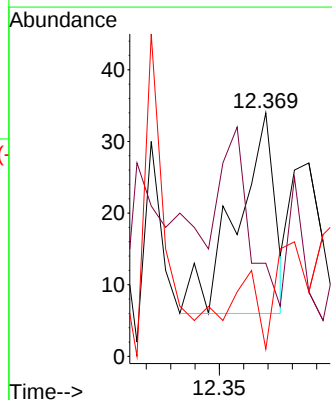
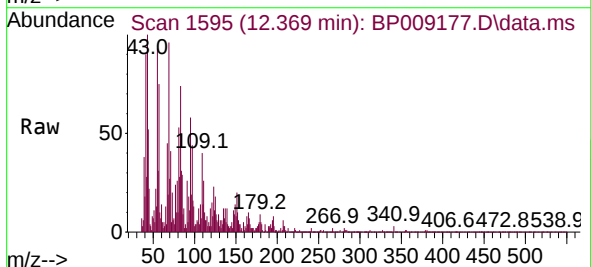
Instrument :
BNA_P
ClientSampleId :

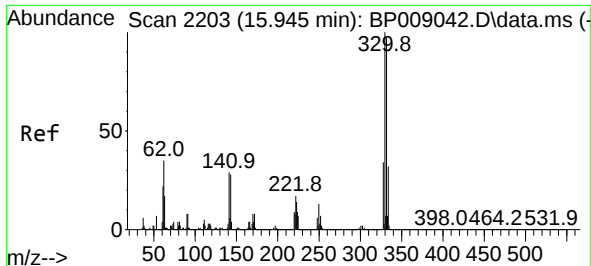
Tgt Ion:164 Resp: 523593
Ion Ratio Lower Upper
164 100
162 97.1 79.9 119.9
160 43.8 35.5 53.3



#41
Hexachlorocyclopentadiene
Concen: 8.660 ng
RT: 12.369 min Scan# 1595
Delta R.T. -0.223 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Tgt Ion:237 Resp: 31
Ion Ratio Lower Upper
237 100
235 58.8 42.9 82.9
272 2.9 0.0 33.8

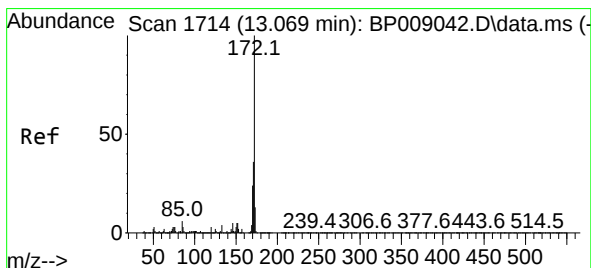
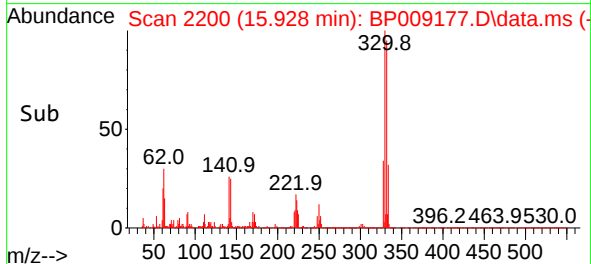
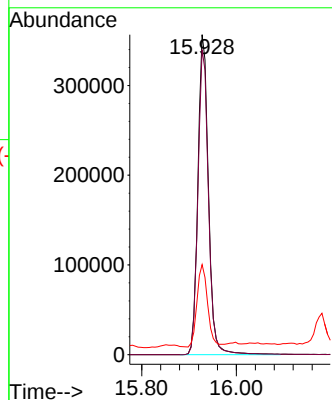
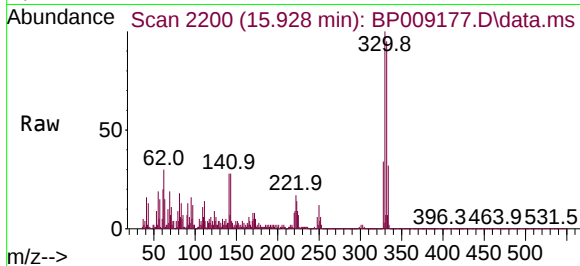




#42
2,4,6-Tribromophenol
Concen: 78.792 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

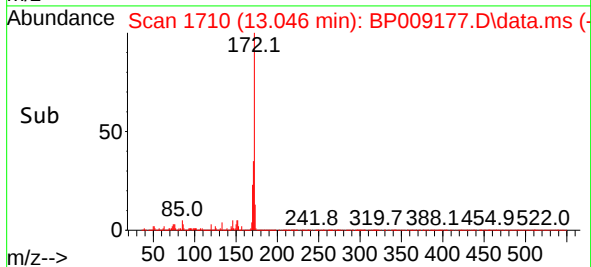
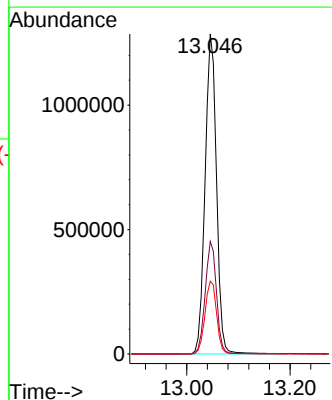
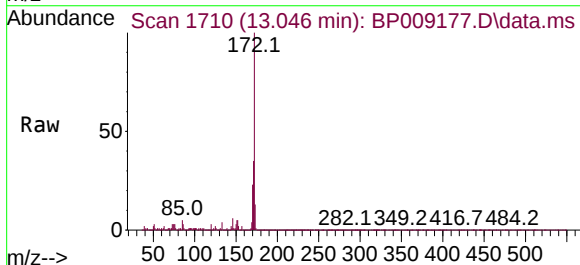
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BNA_P
ClientSampleId :

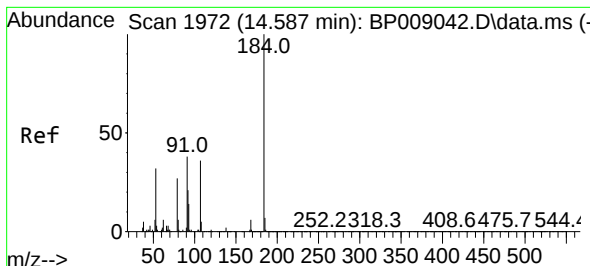
Tgt Ion:330 Resp: 550830
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 25.9 21.3 31.9



#45
2-Fluorobiphenyl
Concen: 52.601 ng
RT: 13.046 min Scan# 1710
Delta R.T. -0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

Tgt Ion:172 Resp: 1967393
Ion Ratio Lower Upper
172 100
171 35.2 29.3 43.9
170 22.8 19.5 29.3





#54

2,4-Dinitrophenol

Concen: 2.210 ng

RT: 14.598 min Scan# 1974

Delta R.T. 0.012 min

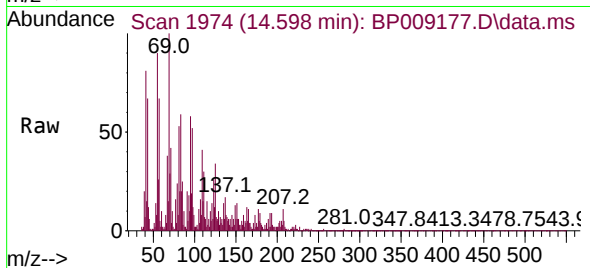
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Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :



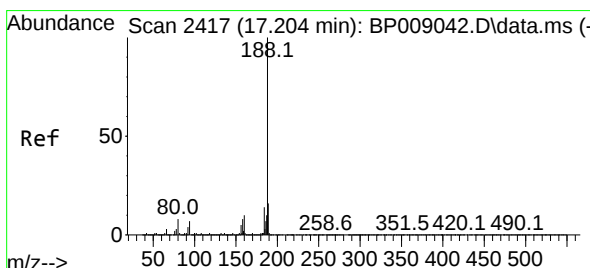
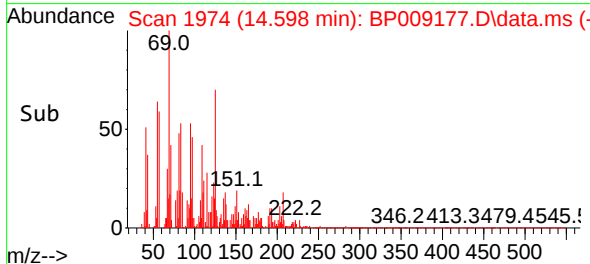
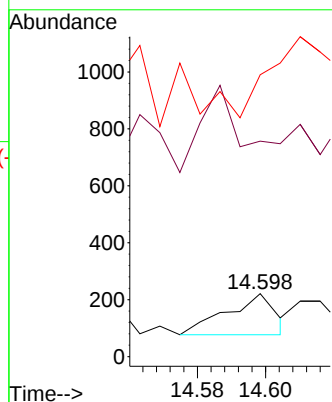
Tgt Ion:184 Resp: 144

Ion Ratio Lower Upper

184 100

63 342.5 35.6 53.4#

154 448.0 43.4 65.0#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.192 min Scan# 2415

Delta R.T. 0.006 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

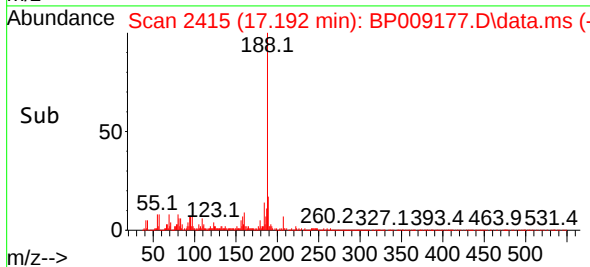
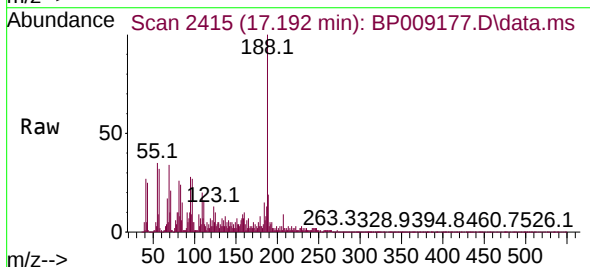
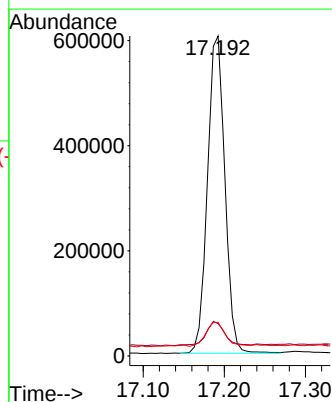
Tgt Ion:188 Resp: 899749

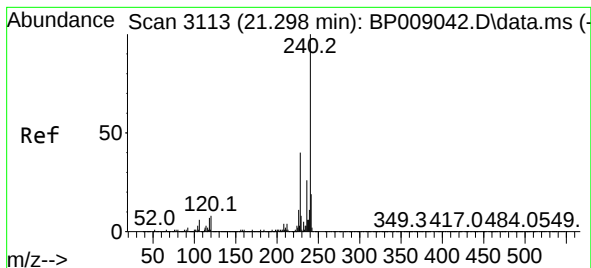
Ion Ratio Lower Upper

188 100

94 10.1 6.8 10.2

80 10.5 7.2 10.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.322 min Scan# 3113

Delta R.T. 0.035 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :

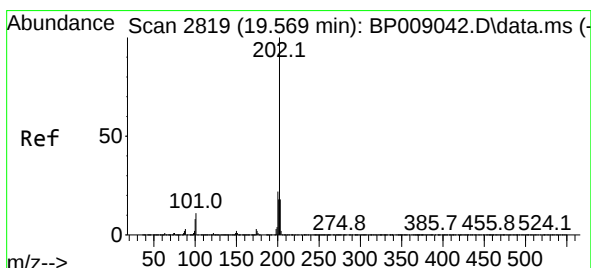
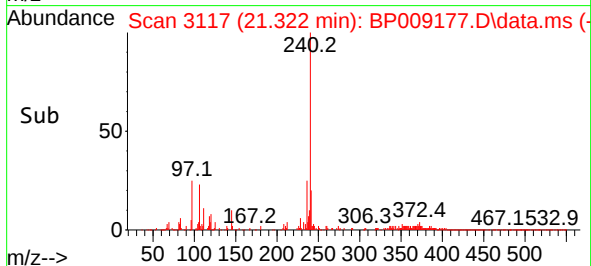
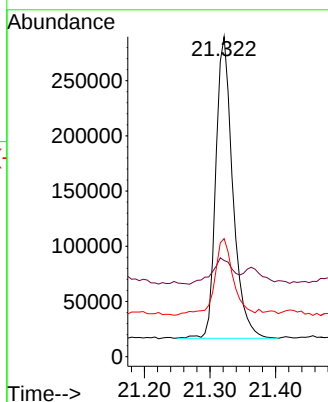
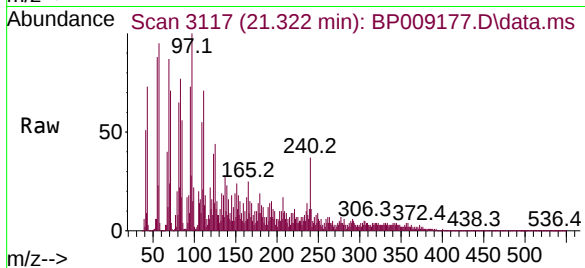
Tgt Ion:240 Resp: 488022

Ion Ratio Lower Upper

240 100

120 30.1 7.7 11.5#

236 36.9 21.2 31.8#



#78

Pyrene

Concen: 2.609 ng

RT: 19.580 min Scan# 2821

Delta R.T. 0.024 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

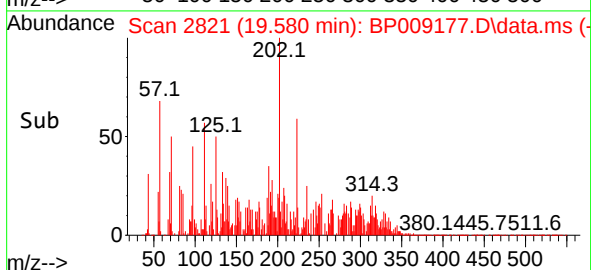
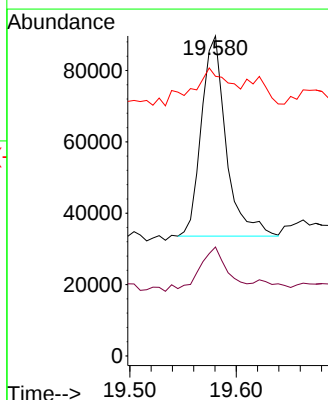
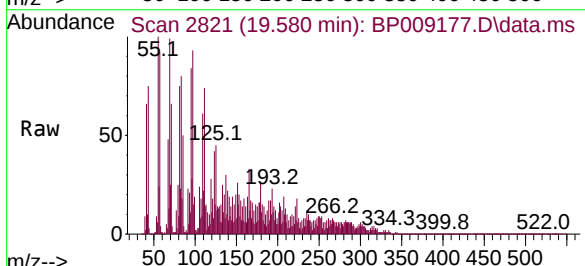
Tgt Ion:202 Resp: 90586

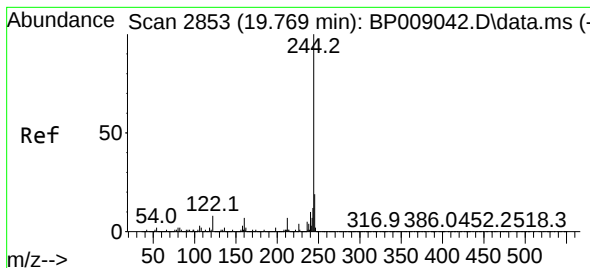
Ion Ratio Lower Upper

202 100

200 34.0 18.0 27.0#

203 87.4 15.0 22.6#





#79

Terphenyl-d14

Concen: 70.516 ng

RT: 19.775 min Scan# 21

Delta R.T. 0.024 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :

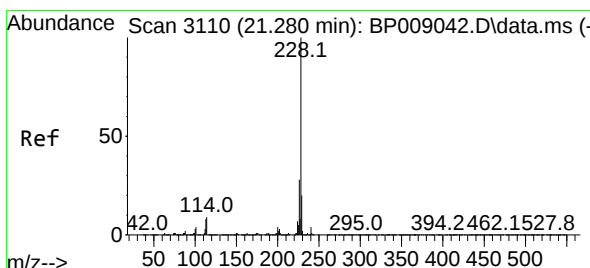
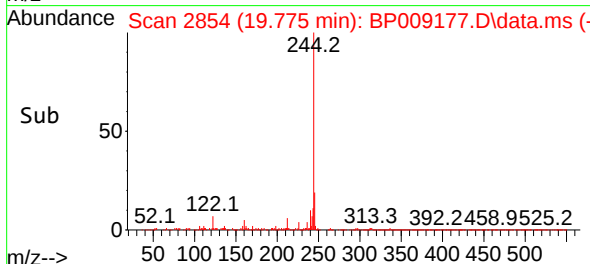
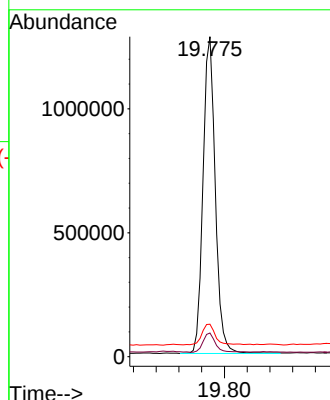
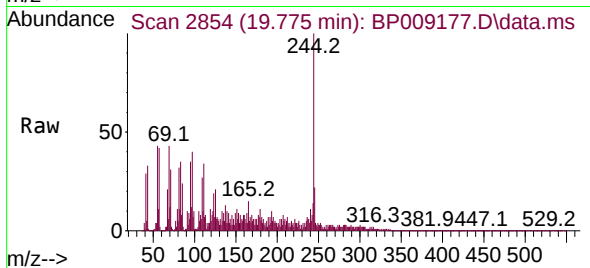
Tgt Ion:244 Resp: 1913635

Ion Ratio Lower Upper

244 100

212 7.4 6.5 9.7

122 10.2 9.2 13.8



#81

Benzo(a)anthracene

Concen: 3.050 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.071 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

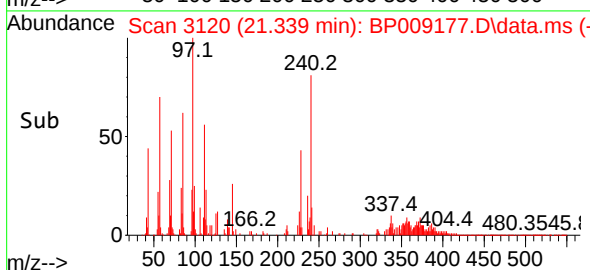
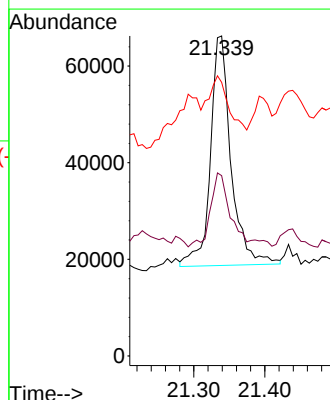
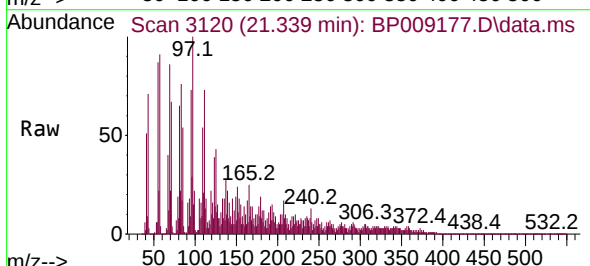
Tgt Ion:228 Resp: 95924

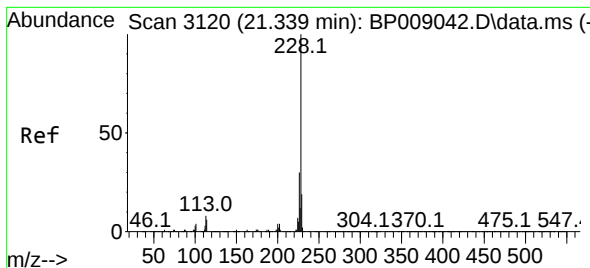
Ion Ratio Lower Upper

228 100

226 56.3 23.3 34.9#

229 85.5 17.0 25.6#





#83

Chrysene

Concen: 3.257 ng

RT: 21.339 min Scan# 3120

Delta R.T. 0.018 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :

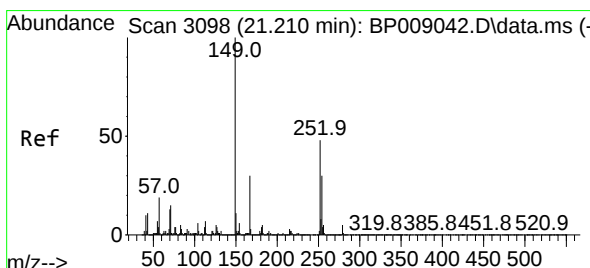
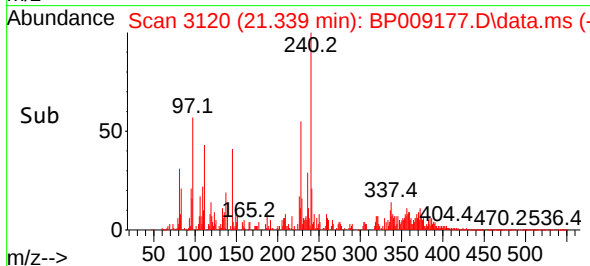
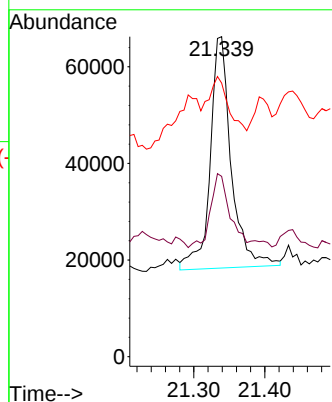
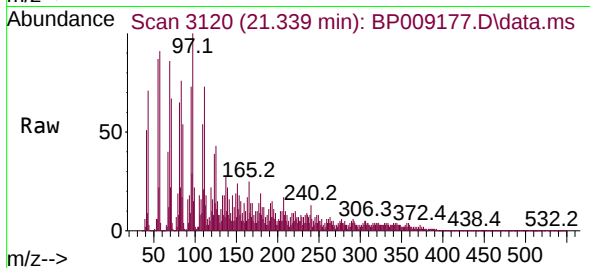
Tgt Ion:228 Resp: 98749

Ion Ratio Lower Upper

228 100

226 56.3 26.0 39.0#

229 85.5 16.9 25.3#



#84

Bis(2-ethylhexyl)phthalate

Concen: 37.739 ng

RT: 21.216 min Scan# 3099

Delta R.T. 0.030 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

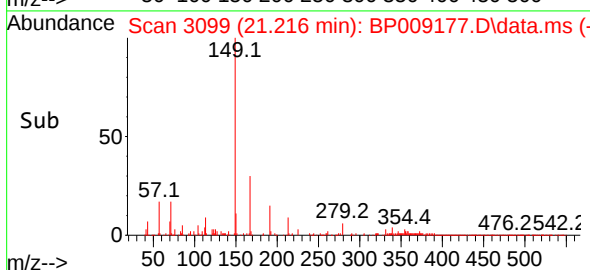
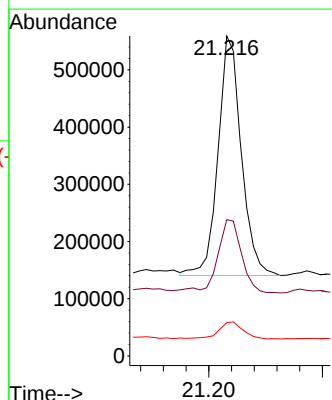
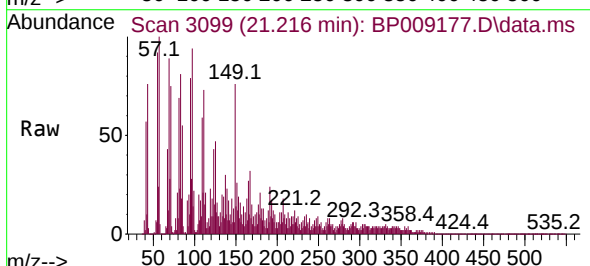
Tgt Ion:149 Resp: 595910

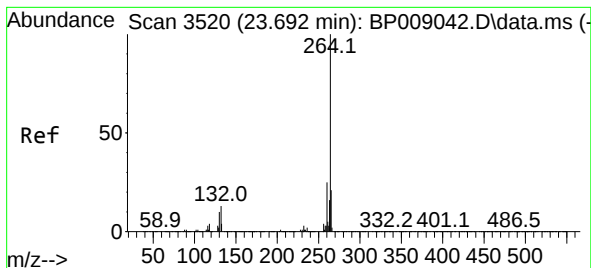
Ion Ratio Lower Upper

149 100

167 42.6 25.0 37.4#

279 10.4 4.8 7.2#





#86

Perylene-d12

Concen: 20.000 ng

RT: 23.751 min Scan# 3

Delta R.T. 0.077 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :

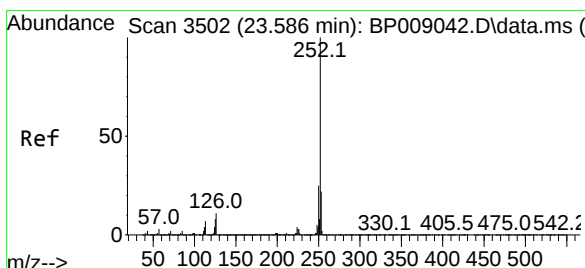
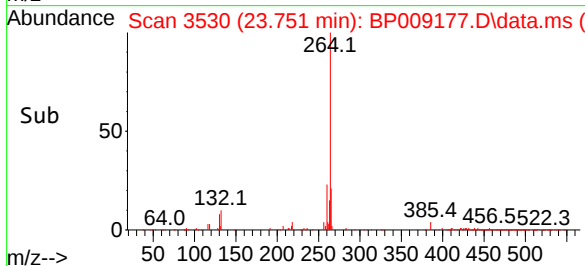
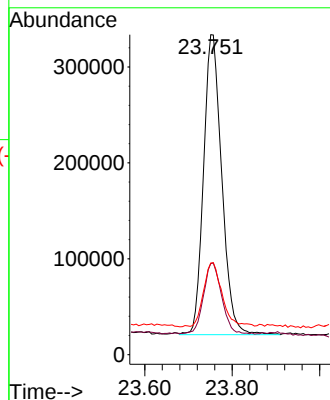
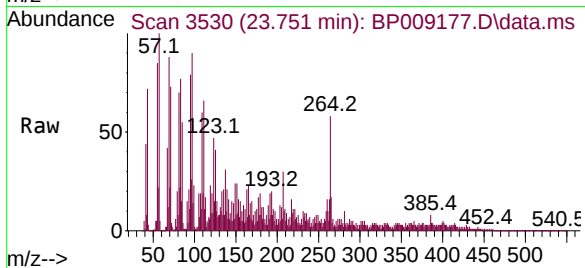
Tgt Ion:264 Resp: 906597

Ion Ratio Lower Upper

264 100

260 28.5 19.1 28.7

265 28.6 17.1 25.7#



#90

Benzo(a)pyrene

Concen: 3.228 ng

RT: 23.545 min Scan# 3495

Delta R.T. -0.023 min

Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

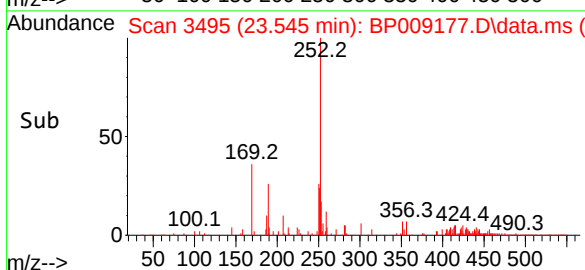
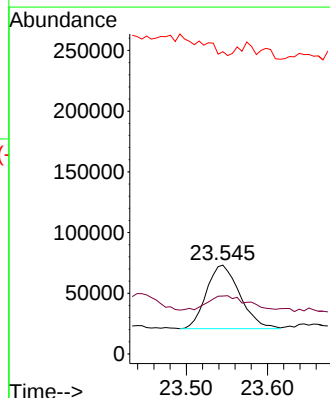
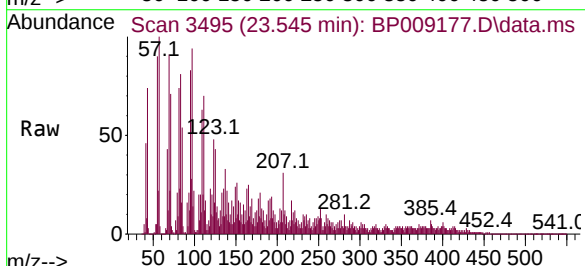
Tgt Ion:252 Resp: 150194

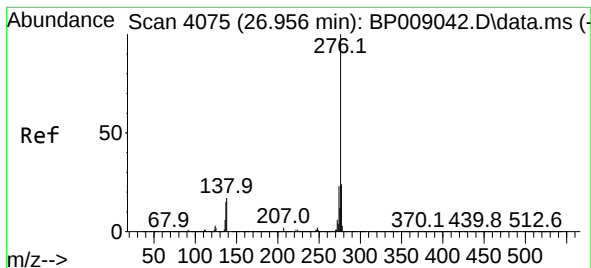
Ion Ratio Lower Upper

252 100

253 65.3 17.8 26.8#

125 340.6 7.8 11.6#





#92

Benzo(g,h,i)perylene

Concen: 4.636 ng

RT: 27.051 min Scan# 4091

Delta R.T. 0.118 min

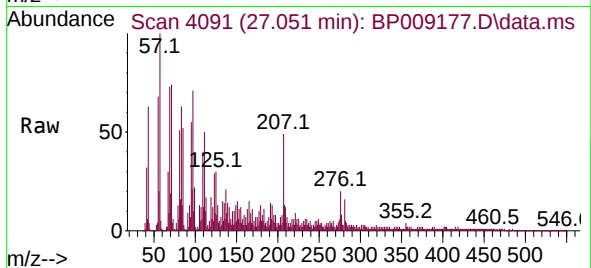
Lab File: BP009177.D

Acq: 16 Feb 2022 14:23

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:276 Resp: 255509

Ion Ratio Lower Upper

276 100

277 40.4 19.2 28.8#

138 43.0 15.0 22.4#

