

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 :
 PR-2

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)

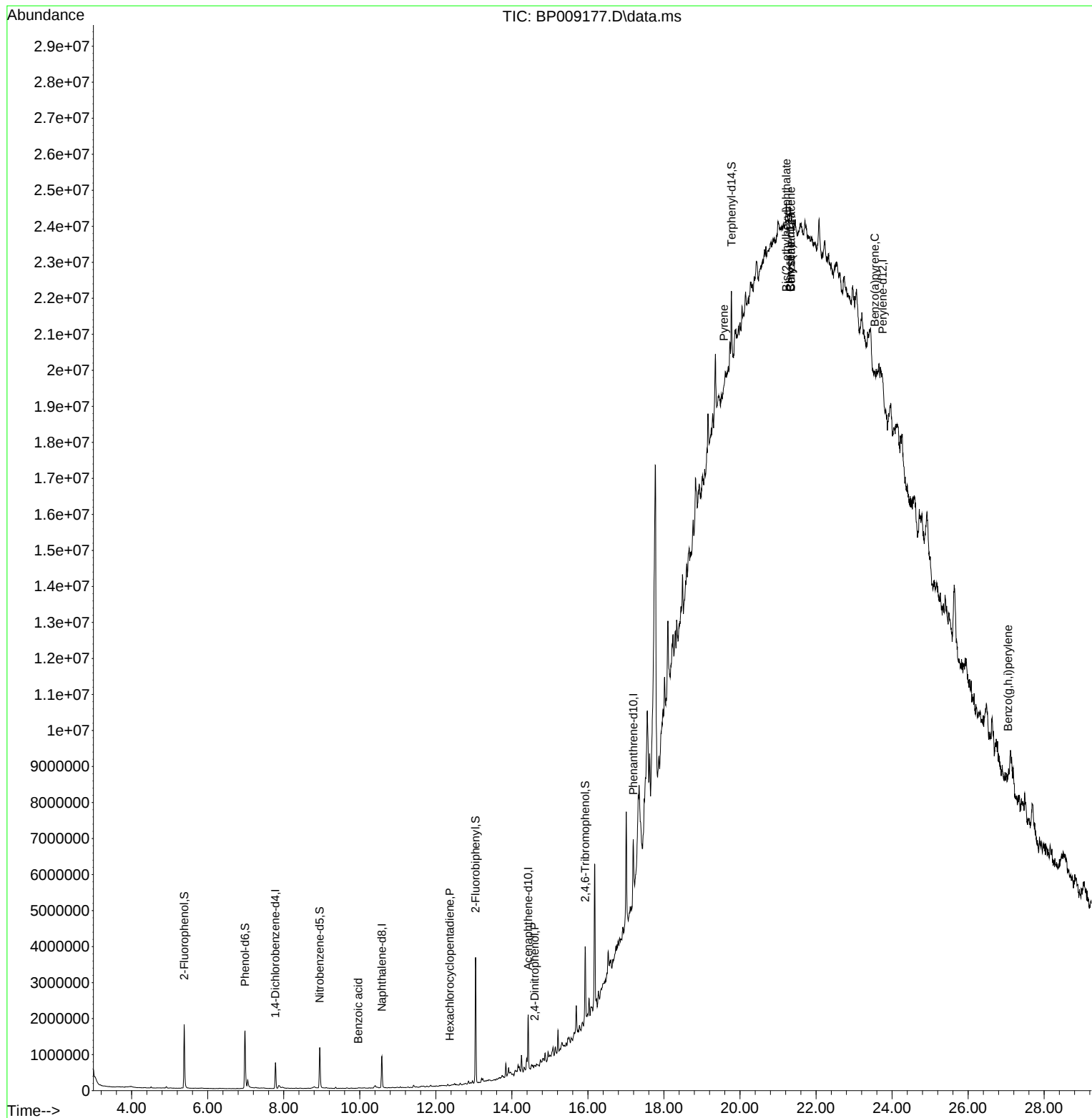
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	218468	20.000	ng	0.00
21) Naphthalene-d8	10.581	136	810443	20.000	ng	0.00
39) Acenaphthene-d10	14.428	164	523593	20.000	ng	0.00
64) Phenanthrene-d10	17.192	188	899749	20.000	ng	0.00
76) Chrysene-d12	21.322	240	488022	20.000	ng	# 0.04
86) Perylene-d12	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

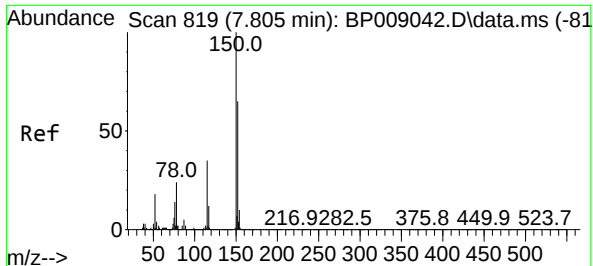
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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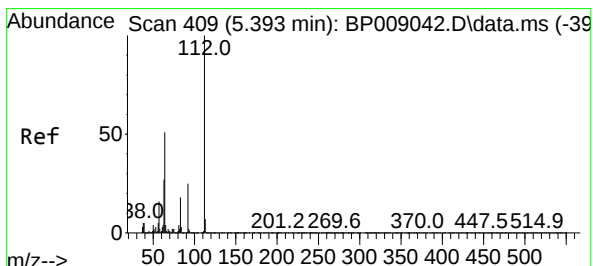
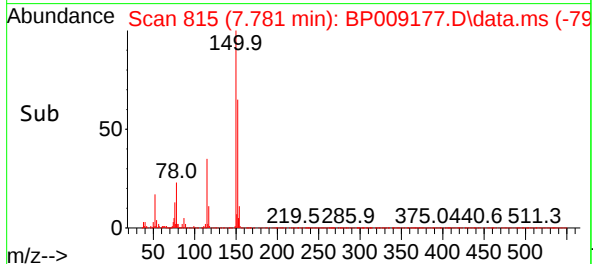
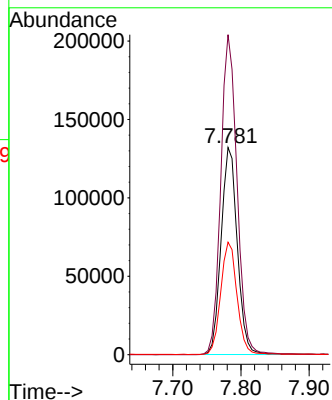
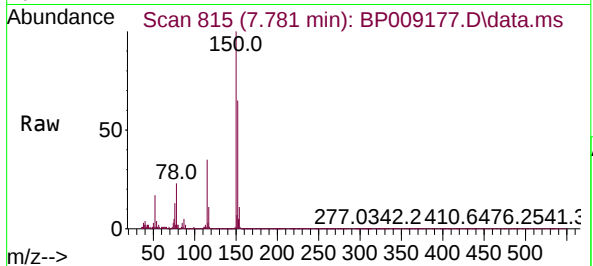




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.781 min Scan# 819
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

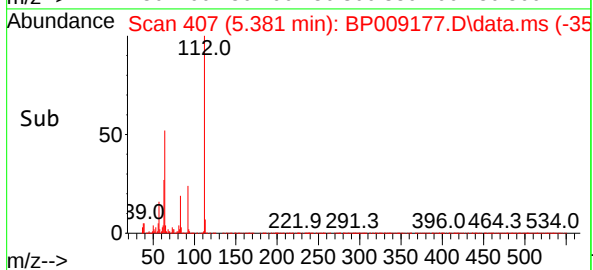
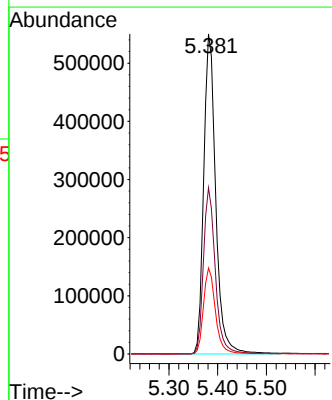
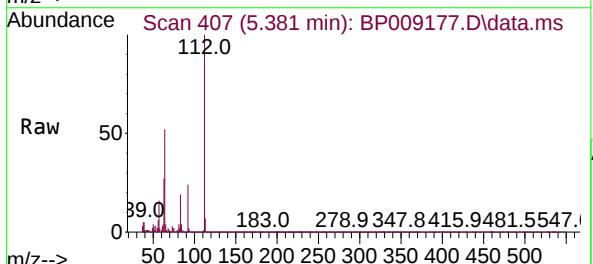
Instrument :
BNA_P
ClientSampleId :
PR-2

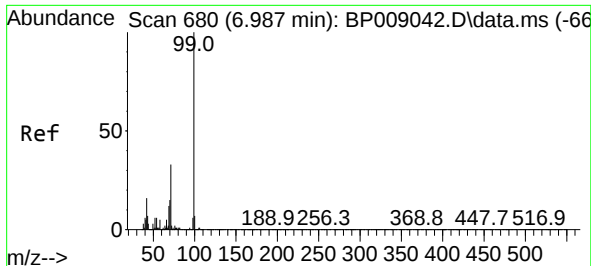
Tgt Ion:152 Resp: 218468
Ion Ratio Lower Upper
152 100
150 154.5 127.0 190.6
115 54.3 43.7 65.5



#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

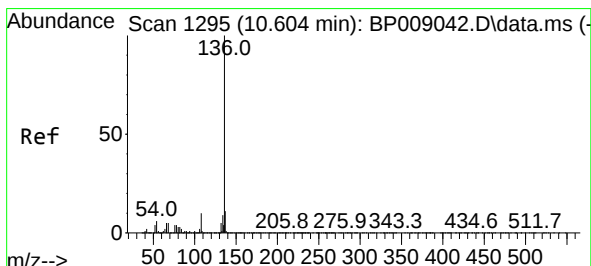
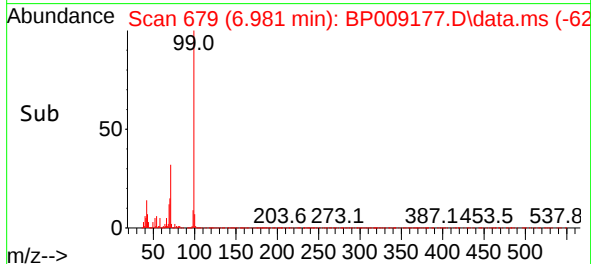
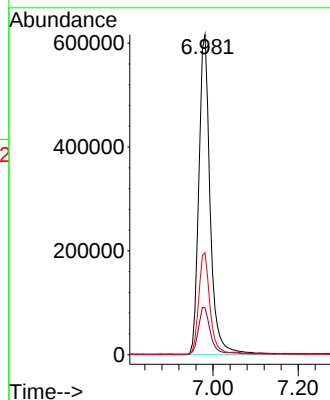
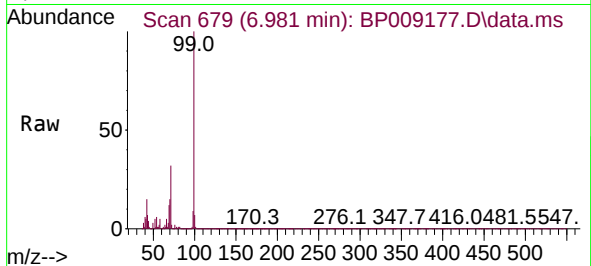




#7
Phenol-d6
Concen: 70.606 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

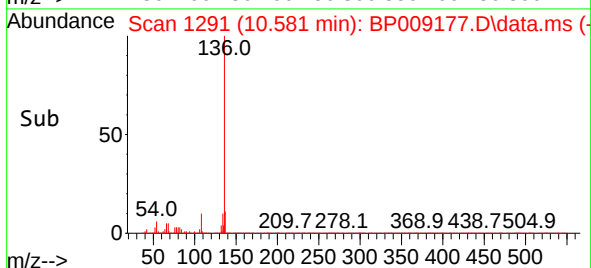
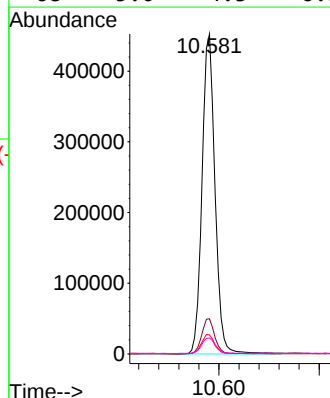
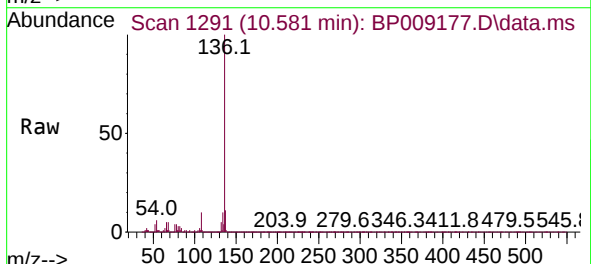
Instrument :
BNA_P
ClientSampleId :
PR-2

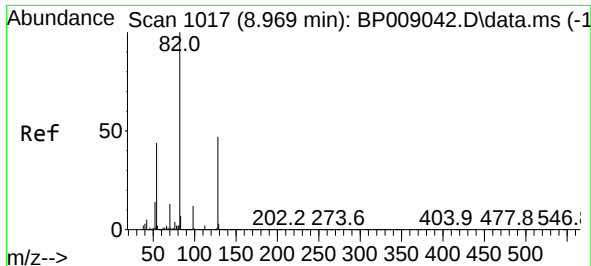
Tgt Ion: 99 Resp: 1139431
Ion Ratio Lower Upper
99 100
42 14.7 10.8 16.2
71 31.9 23.8 35.6



#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 :

PR-2

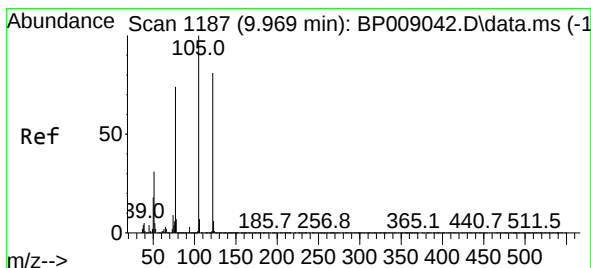
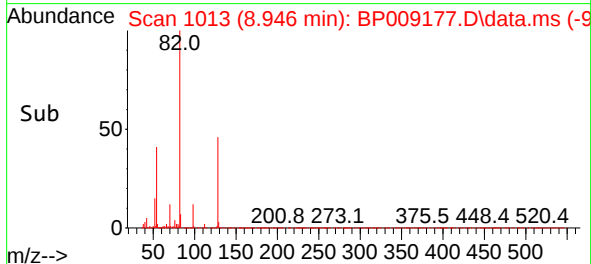
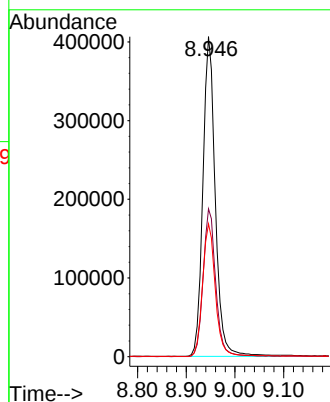
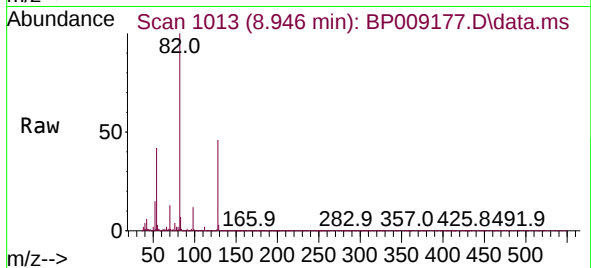
Tgt Ion: 82 Resp: 719459

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

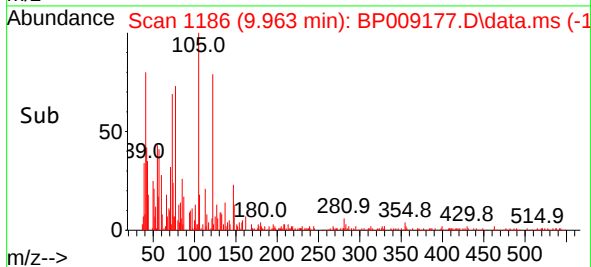
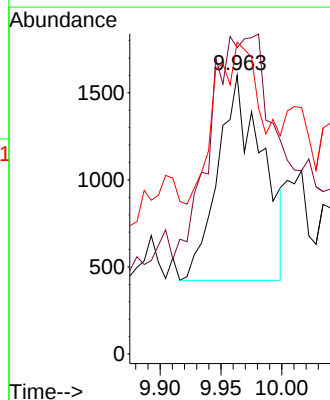
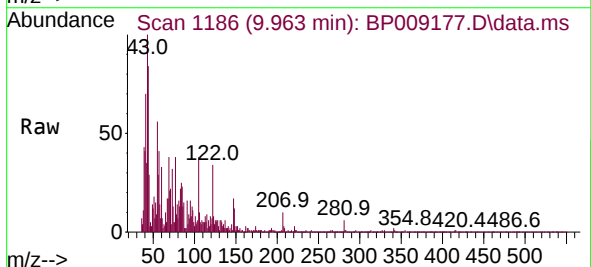
Tgt Ion:122 Resp: 2984

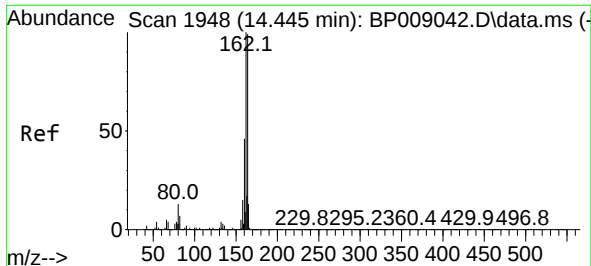
Ion Ratio Lower Upper

122 100

105 109.9 100.1 140.1

77 111.9 65.5 105.5#

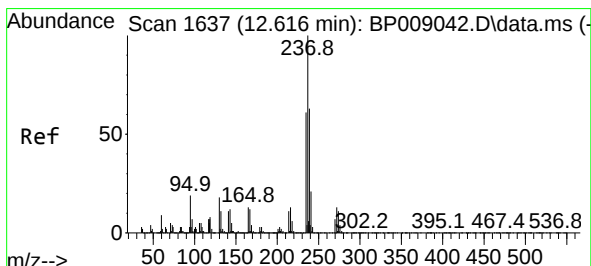
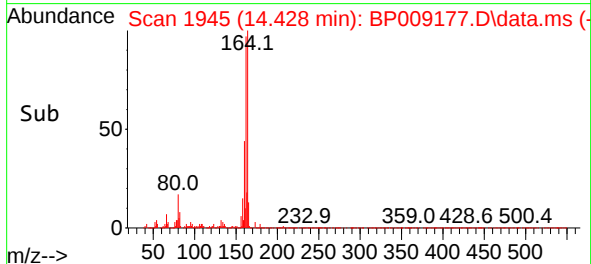
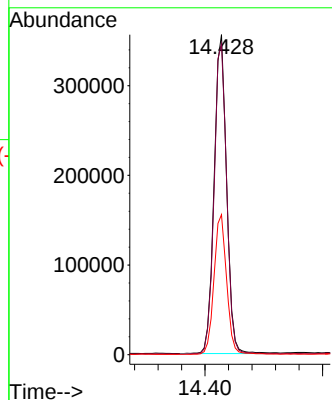
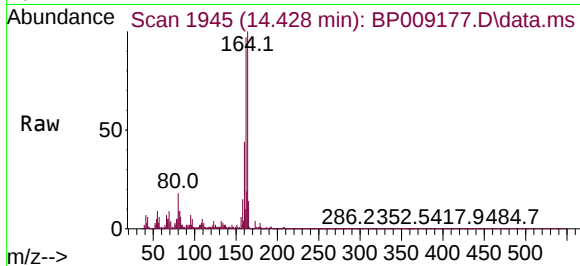




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.428 min Scan# 1595
Delta R.T. 0.000 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

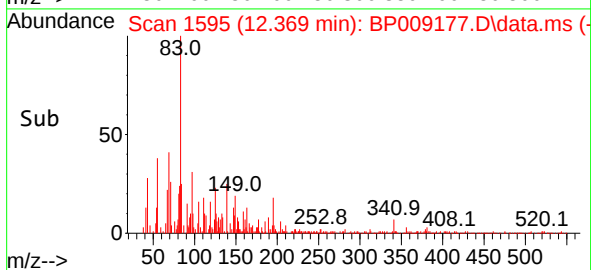
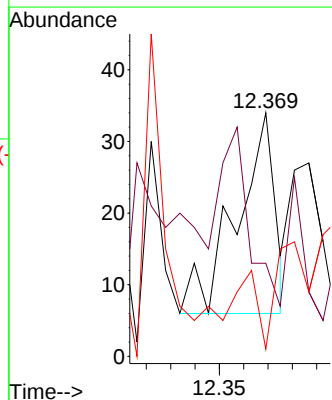
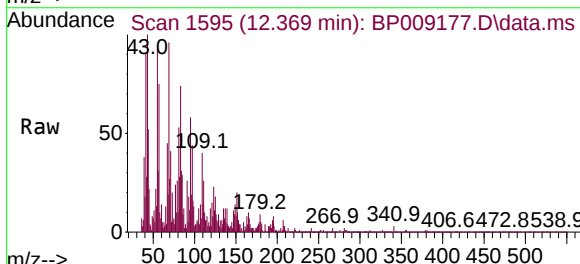
Instrument :
BNA_P
ClientSampleId :
PR-2

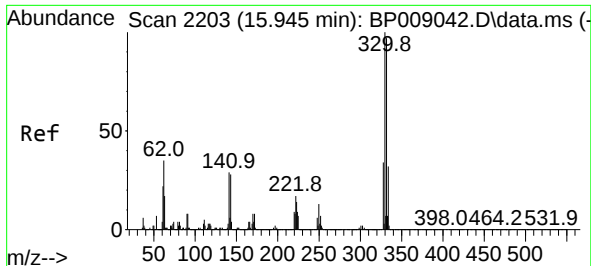
Tgt Ion:	164	Resp:	523593
Ion	Ratio	Lower	Upper
164	100		
162	97.1	79.9	119.9
160	43.8	35.5	53.3



#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

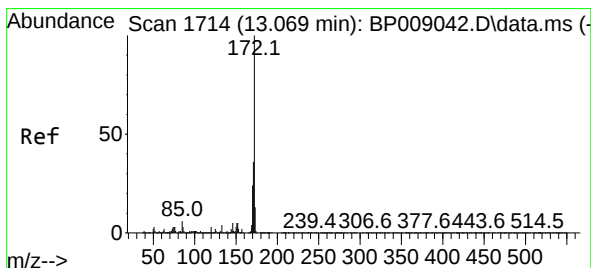
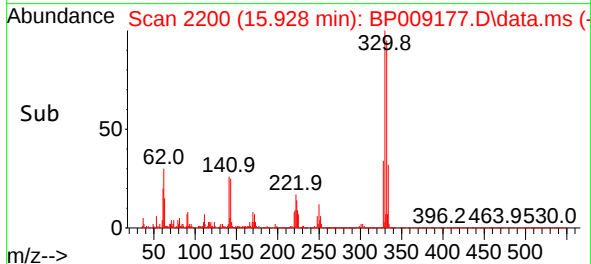
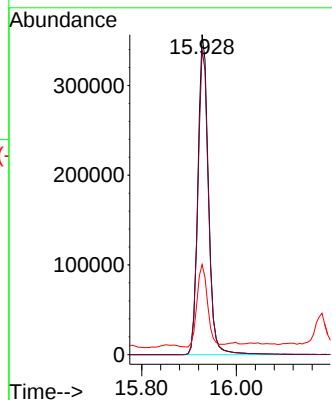
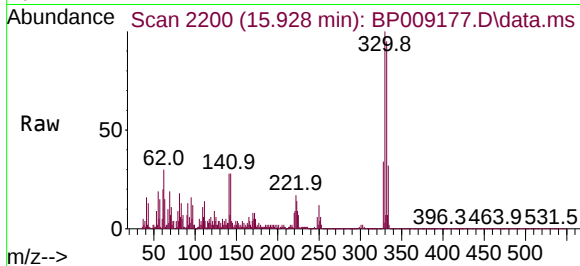




#42
2,4,6-Tribromophenol
Concen: 78.792 ng
RT: 15.928 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

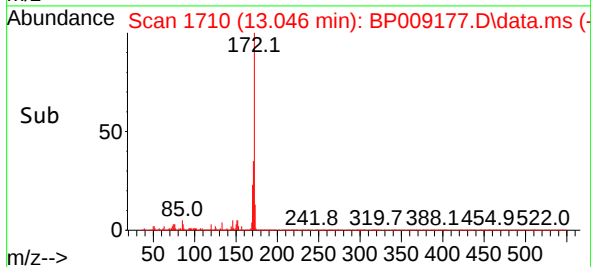
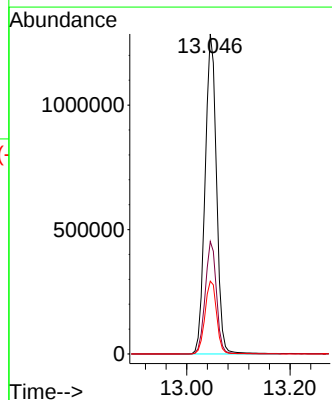
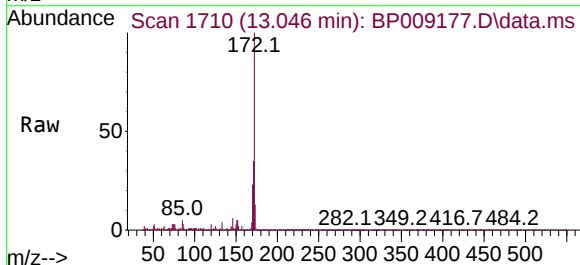
Instrument :
BNA_P
ClientSampleId :
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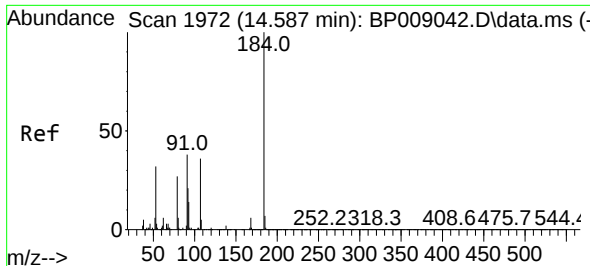
Tgt Ion:330 Resp: 550830
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.4
141 25.9 21.3 31.9



#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

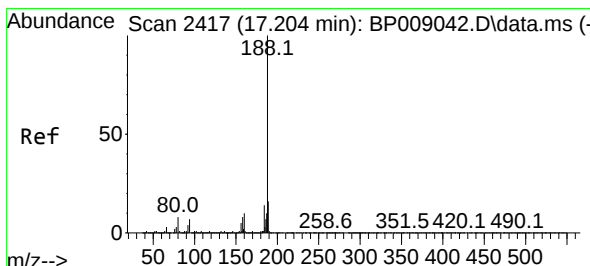
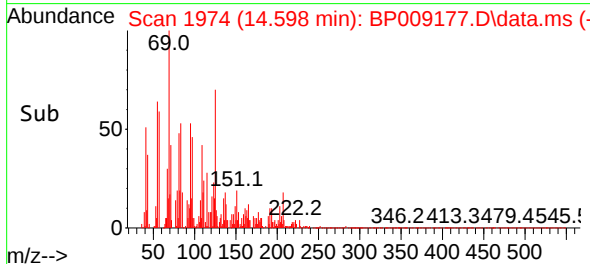
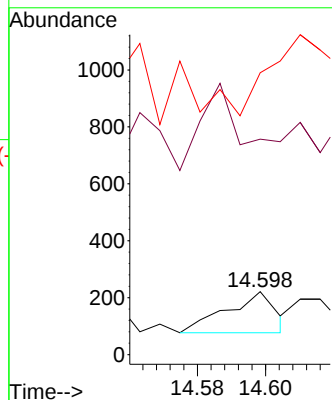
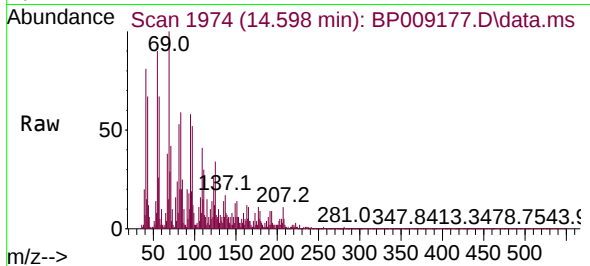




#54
2,4-Dinitrophenol
Concen: 2.210 ng
RT: 14.598 min Scan# 1974
Delta R.T. 0.012 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

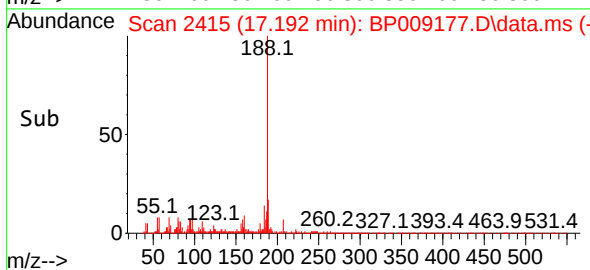
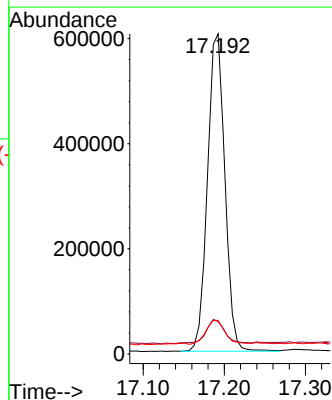
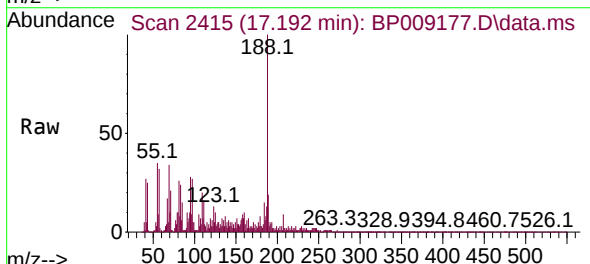
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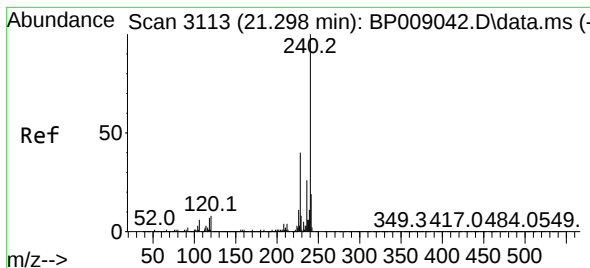
Tgt Ion:184 Resp: 144
Ion Ratio Lower Upper
184 100
63 342.5 35.6 53.4#
154 448.0 43.4 65.0#



#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 :

PR-2

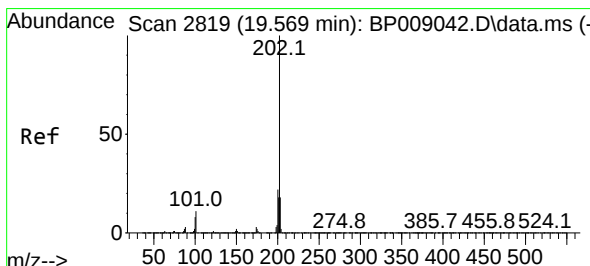
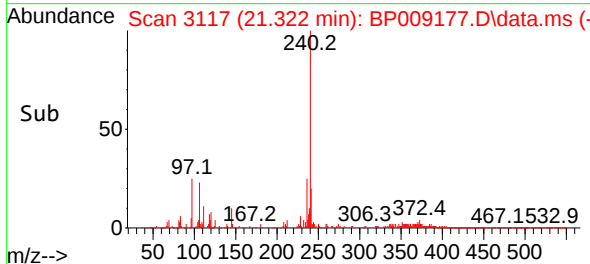
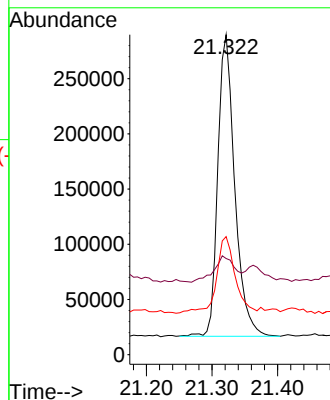
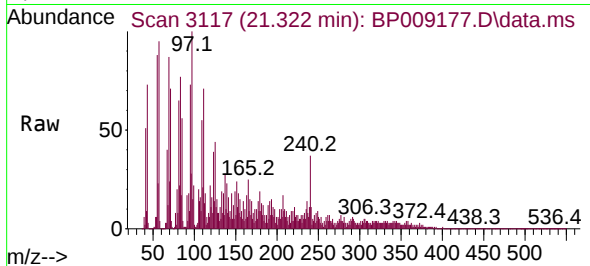
Tgt Ion:240 Resp: 488022

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

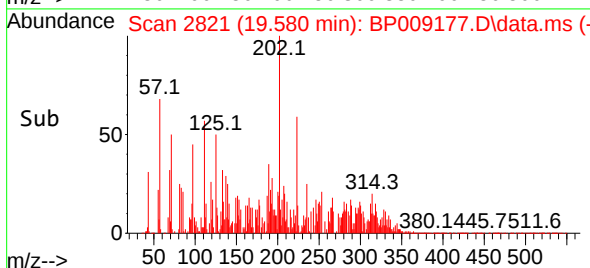
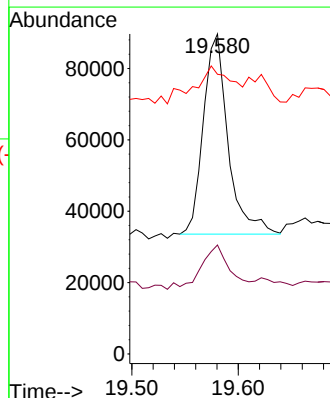
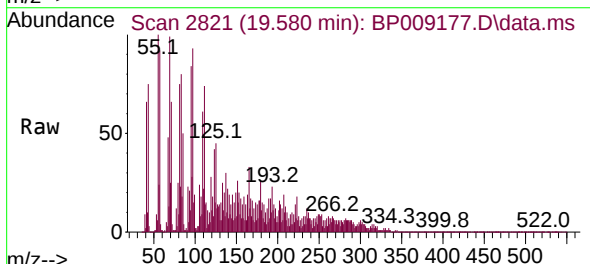
Tgt Ion:202 Resp: 90586

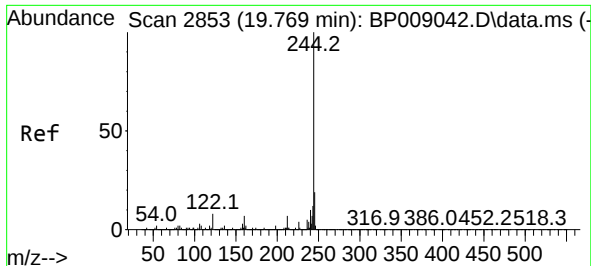
Ion Ratio Lower Upper

202 100

200 34.0 18.0 27.0#

203 87.4 15.0 22.6#

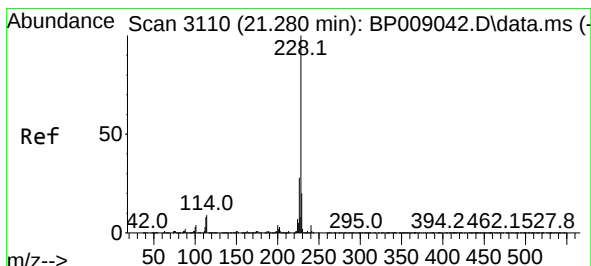
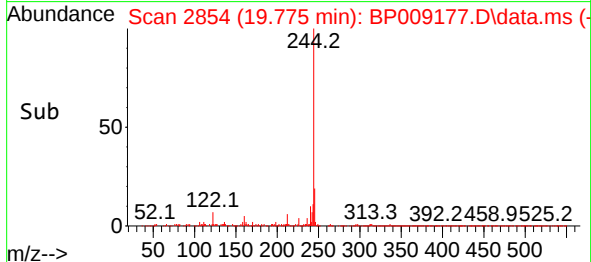
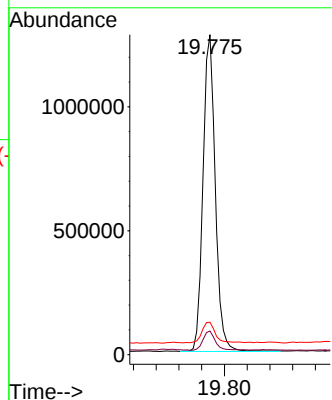
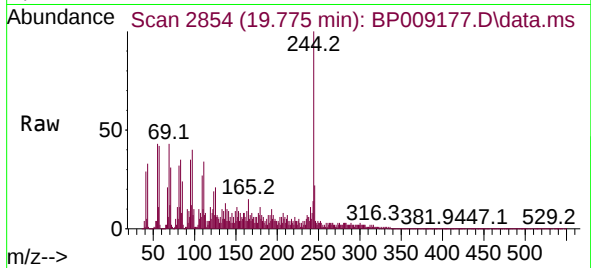




#79
 Terphenyl-d14
 Concen: 70.516 ng
 RT: 19.775 min Scan# 21
 Delta R.T. 0.024 min
 Lab File: BP009177.D
 Acq: 16 Feb 2022 14:23

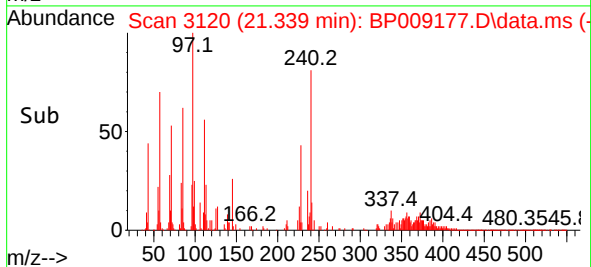
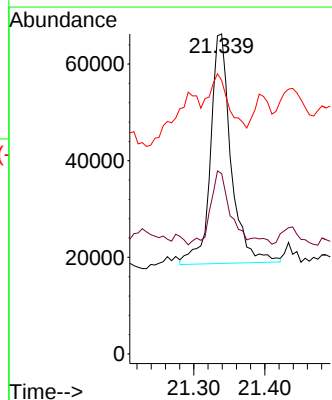
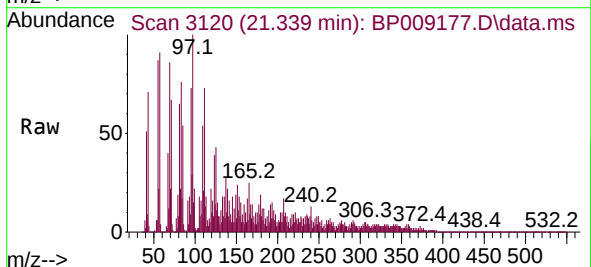
Instrument :
 BNA_P
 ClientSampleId :
 PR-2

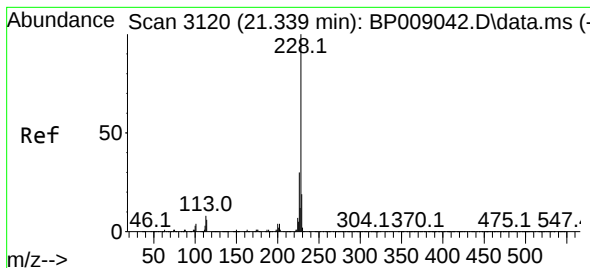
Tgt Ion:244 Resp: 1913635
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.5 9.7
 122 10.2 9.2 13.8



#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 :

PR-2

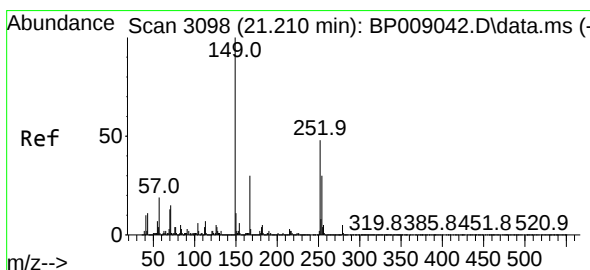
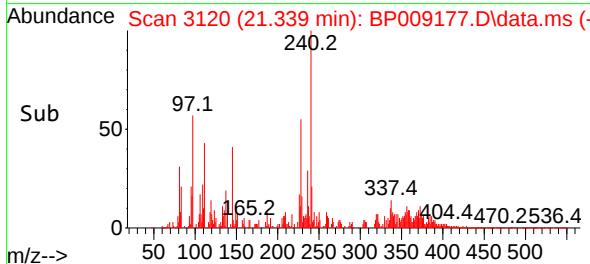
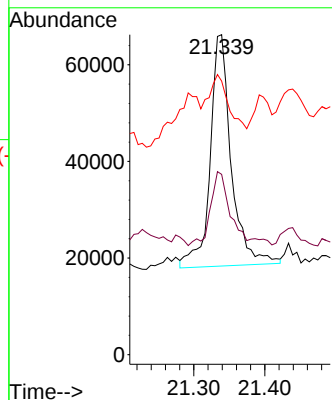
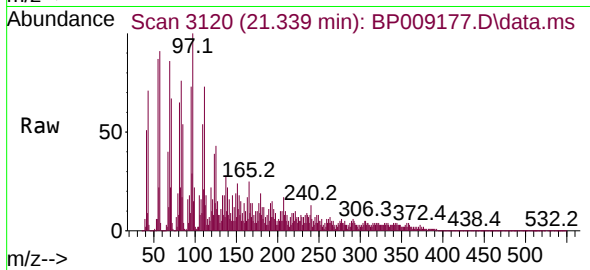
Tgt Ion:228 Resp: 98749

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

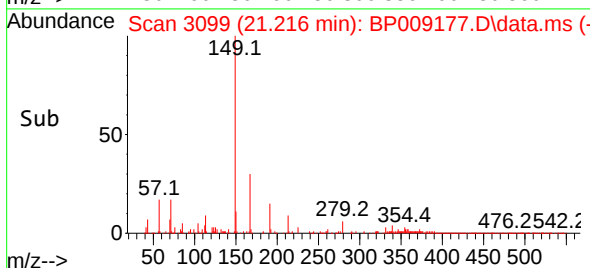
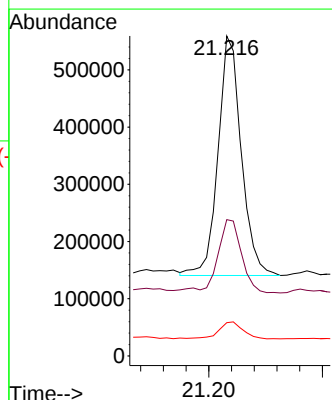
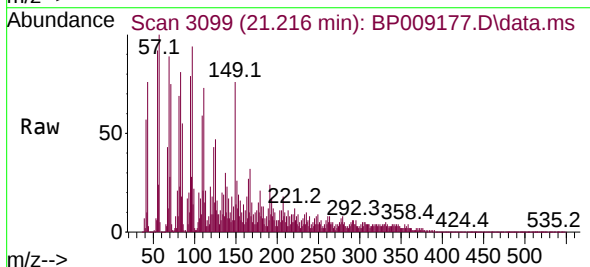
Tgt Ion:149 Resp: 595910

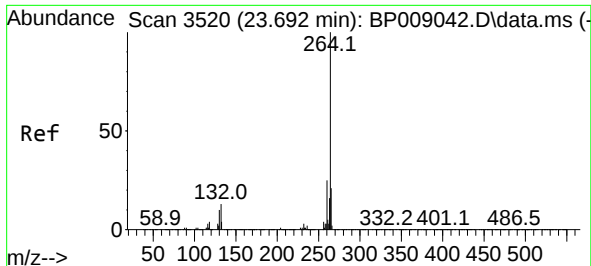
Ion Ratio Lower Upper

149 100

167 42.6 25.0 37.4#

279 10.4 4.8 7.2#

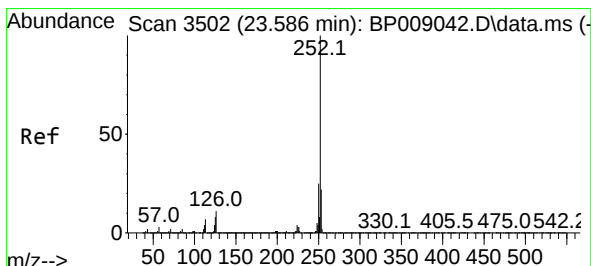
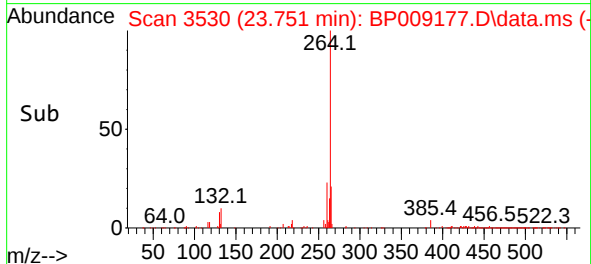
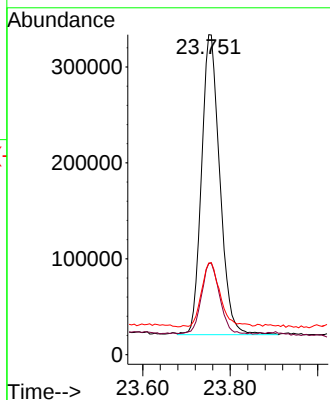
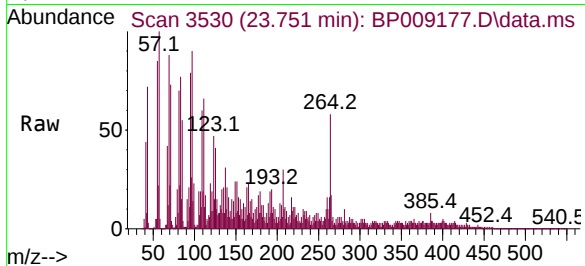




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 31
Delta R.T. 0.077 min
Lab File: BP009177.D
Acq: 16 Feb 2022 14:23

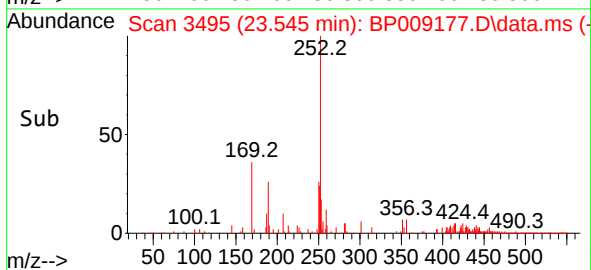
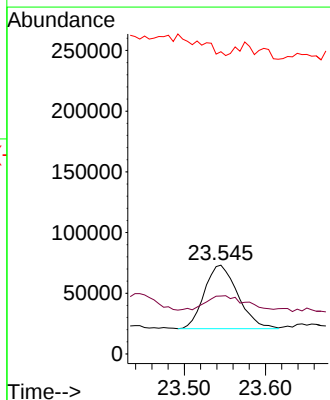
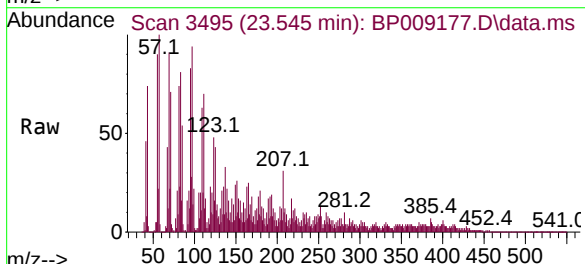
Instrument :
BNA_P
ClientSampleId :
PR-2

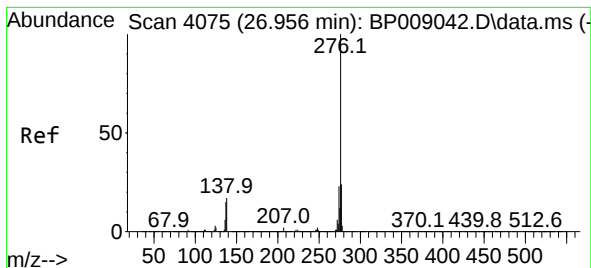
Tgt Ion:264 Resp: 906597
Ion Ratio Lower Upper
264 100
260 28.5 19.1 28.7
265 28.6 17.1 25.7#



#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 :

PR-2

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#

