

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
 Data File : BP009417.D
 Acq On : 16 Mar 2022 01:49
 Operator : CG/JU
 Sample : N1908-03DL 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WC-8-9-2DL

Quant Time: Mar 16 03:20:19 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)

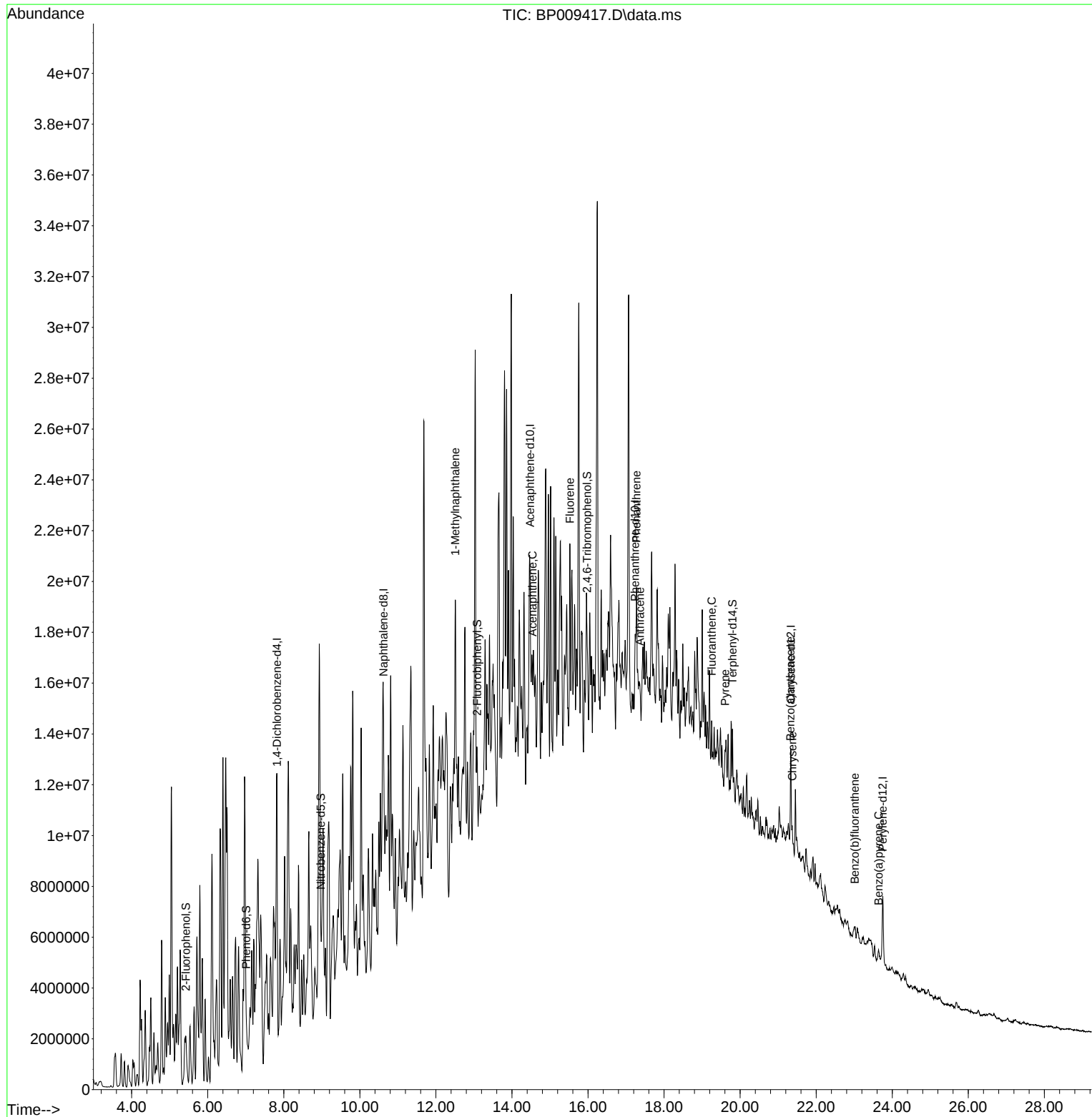
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	321934	20.000	ng	0.00
21) Naphthalene-d8	10.622	136	1252595	20.000	ng	# 0.00
39) Acenaphthene-d10	14.475	164	827616	20.000	ng	0.01
64) Phenanthrene-d10	17.234	188	1703939	20.000	ng	0.01
76) Chrysene-d12	21.333	240	1887069	20.000	ng	0.00
86) Perylene-d12	23.751	264	2099972	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.423	112	305713	13.861	ng	0.01
7) Phenol-d6	7.011	99	422647	15.080	ng	0.02
23) Nitrobenzene-d5	8.975	82	767193	33.735	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	230440	23.059	ng	0.02
45) 2-Fluorobiphenyl	13.087	172	643455	10.692	ng	0.00
79) Terphenyl-d14	19.798	244	1089542	10.896	ng	0.00
Target Compounds						
						Qvalue
38) 1-Methylnaphthalene	12.510	142	4305149	94.848	ng	# 99
52) Acenaphthene	14.540	154	388680	7.669	ng	# 83
58) Fluorene	15.528	166	1069734	17.793	ng	# 82
71) Phenanthrene	17.275	178	2699696	27.569	ng	# 92
72) Anthracene	17.369	178	387309	3.974	ng	# 54
75) Fluoranthene	19.251	202	345145	3.054	ng	68
78) Pyrene	19.604	202	769604	6.040	ng	# 88
81) Benzo(a)anthracene	21.322	228	545840	4.268	ng	# 76
83) Chrysene	21.369	228	637109	5.130	ng	# 79
88) Benzo(b)fluoranthene	23.016	252	323159	2.279	ng	# 61
90) Benzo(a)pyrene	23.639	252	314582	2.339	ng	# 73

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031522\
Data File : BP009417.D
Acq On : 16 Mar 2022 01:49
Operator : CG/JU
Sample : N1908-03DL 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

Quant Time: Mar 16 03:20:19 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

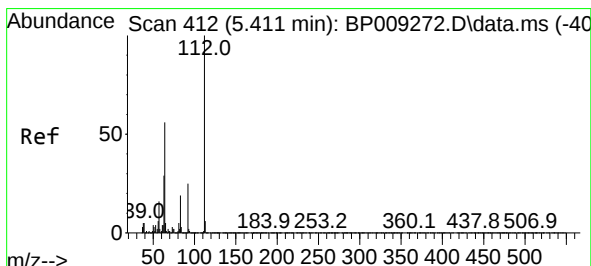
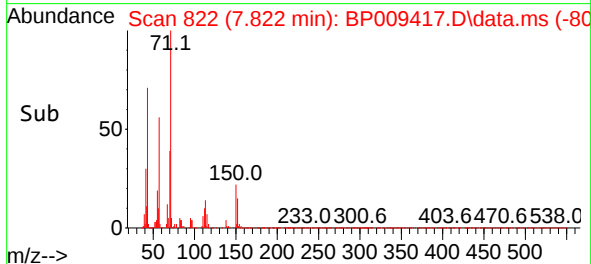
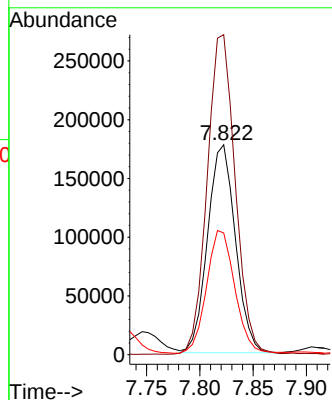
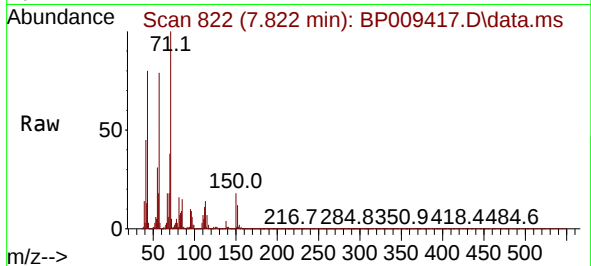




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.822 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

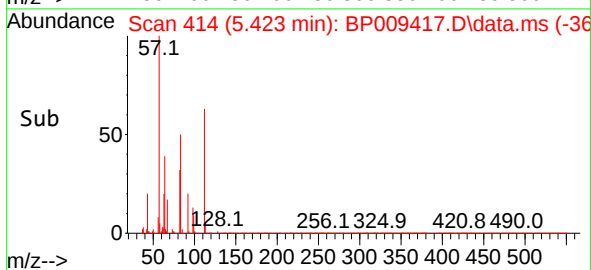
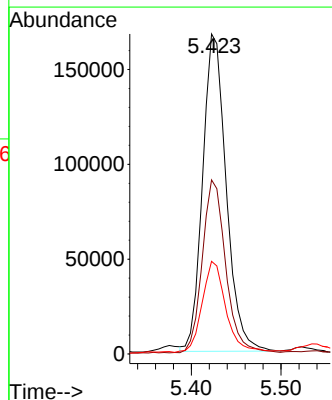
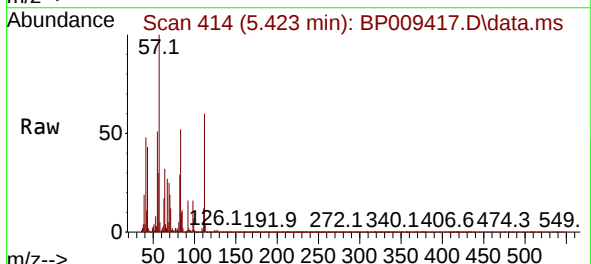
Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

Tgt Ion:152 Resp: 321934
Ion Ratio Lower Upper
152 100
150 152.5 124.5 186.7
115 58.0 48.2 72.4



#5
2-Fluorophenol
Concen: 13.861 ng
RT: 5.423 min Scan# 414
Delta R.T. 0.012 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Tgt Ion:112 Resp: 305713
Ion Ratio Lower Upper
112 100
64 54.4 45.0 67.4
63 29.0 23.0 34.6





#7

Phenol-d6

Concen: 15.080 ng

RT: 7.011 min Scan# 61

Delta R.T. 0.024 min

Lab File: BP009417.D

Acq: 16 Mar 2022 01:49

Instrument :

BNA_P

ClientSampleId :

WC-8-9-2DL

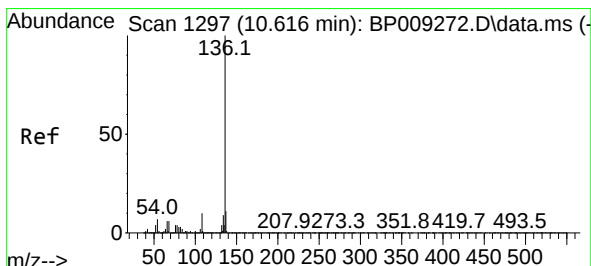
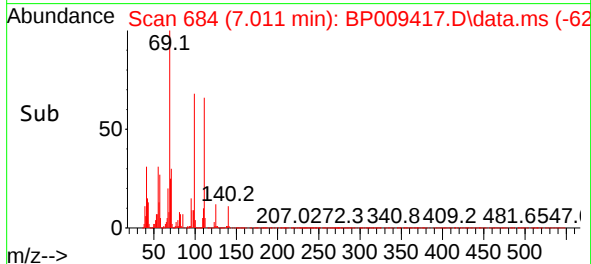
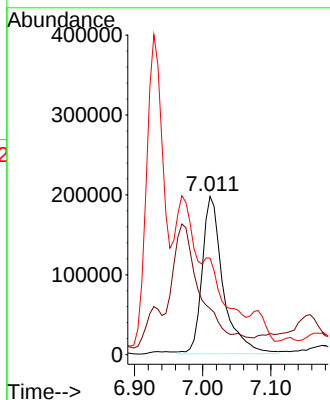
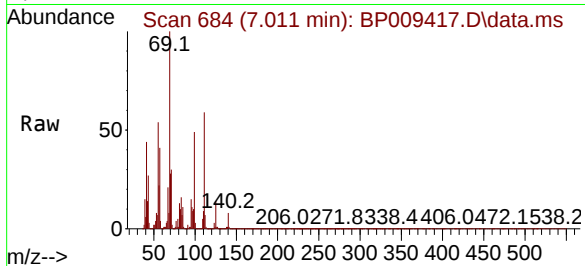
Tgt Ion: 99 Resp: 422647

Ion Ratio Lower Upper

99 100

42 29.2 12.8 19.2#

71 60.9 26.3 39.5#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.622 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BP009417.D

Acq: 16 Mar 2022 01:49

Tgt Ion:136 Resp: 1252595

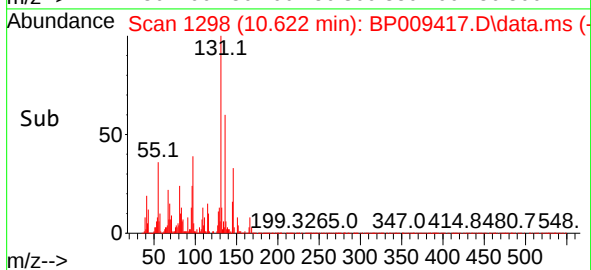
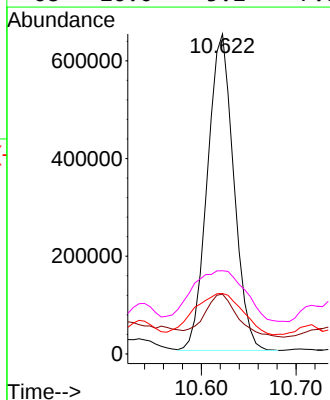
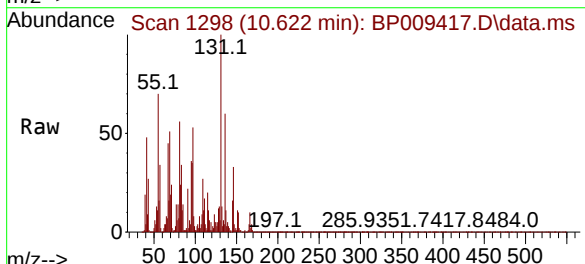
Ion Ratio Lower Upper

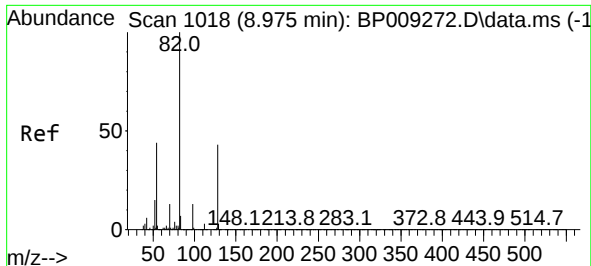
136 100

137 18.7 8.6 12.8#

54 18.9 5.8 8.8#

68 26.0 5.2 7.8#

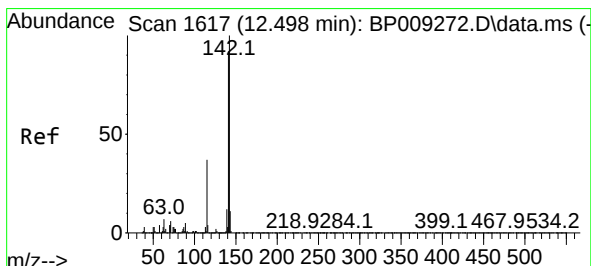
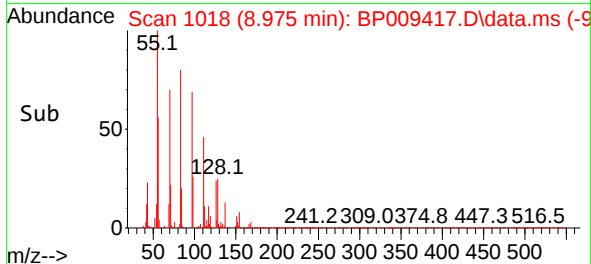
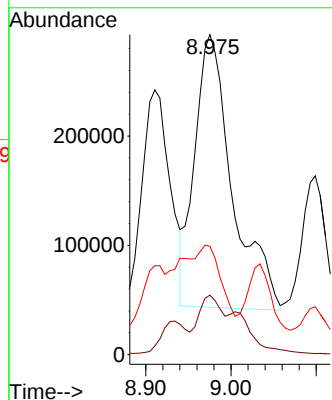
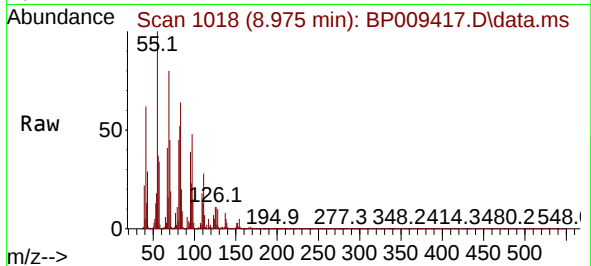




#23
Nitrobenzene-d5
Concen: 33.735 ng
RT: 8.975 min Scan# 1018
Delta R.T. 0.000 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

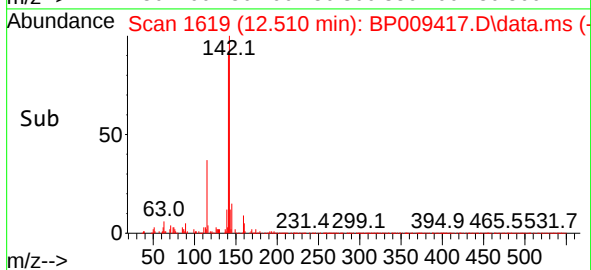
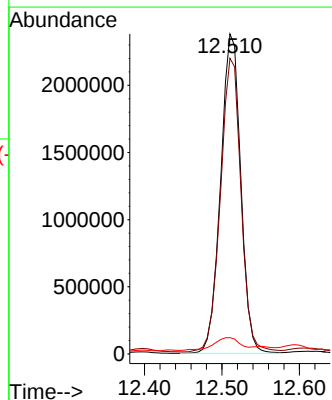
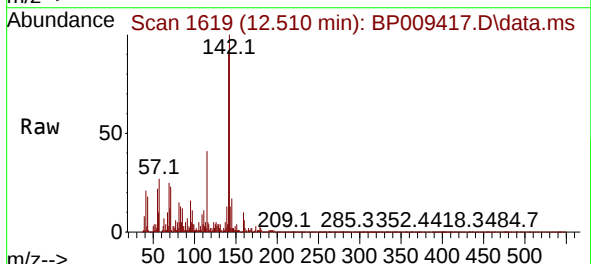
Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

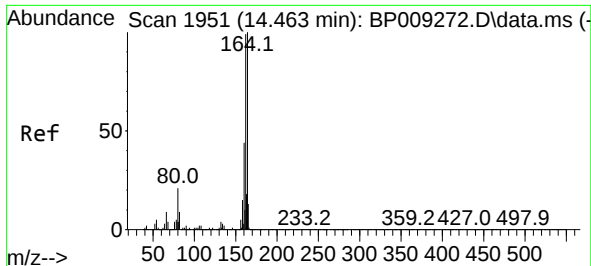
Tgt Ion: 82 Resp: 767193
Ion Ratio Lower Upper
82 100
128 18.6 34.2 51.4#
54 33.9 34.7 52.1#



#38
1-Methylnaphthalene
Concen: 94.848 ng
RT: 12.510 min Scan# 1619
Delta R.T. 0.012 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Tgt Ion:142 Resp: 4305149
Ion Ratio Lower Upper
142 100
141 92.4 73.5 110.3
116 5.1 3.3 4.9#

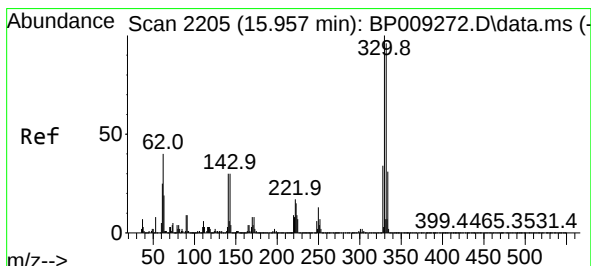
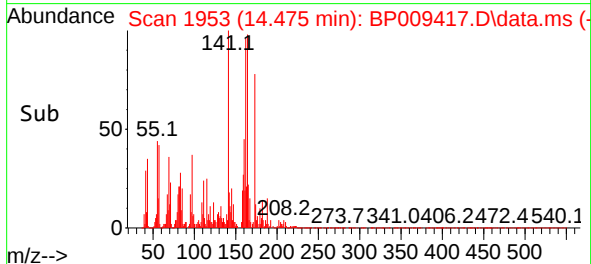
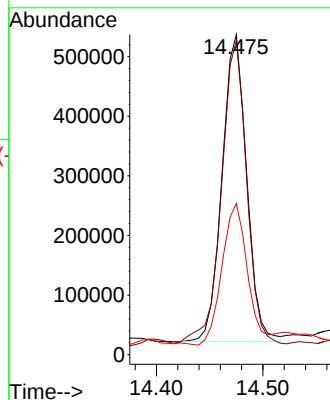
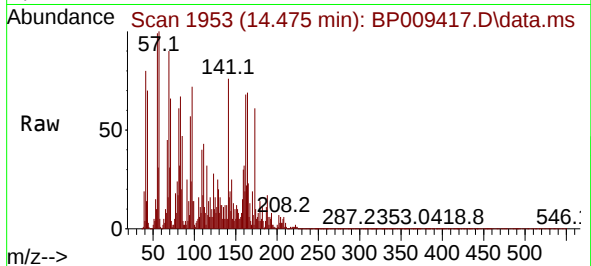




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.475 min Scan# 1953
Delta R.T. 0.012 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

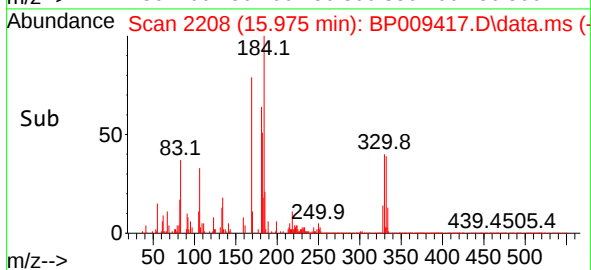
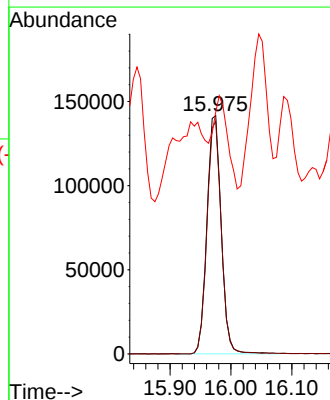
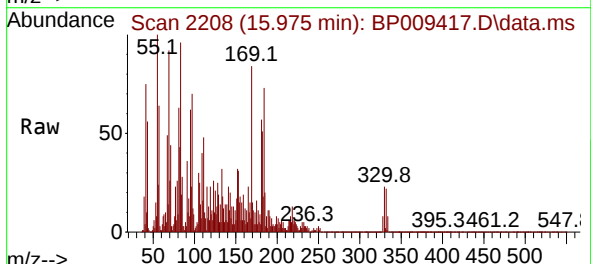
Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

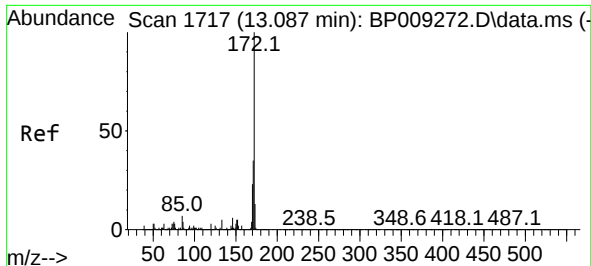
Tgt Ion:164 Resp: 827616
Ion Ratio Lower Upper
164 100
162 98.2 79.1 118.7
160 47.2 34.9 52.3



#42
2,4,6-Tribromophenol
Concen: 23.059 ng
RT: 15.975 min Scan# 2208
Delta R.T. 0.018 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Tgt Ion:330 Resp: 230440
Ion Ratio Lower Upper
330 100
332 97.2 77.0 115.6
141 38.2 27.6 41.4

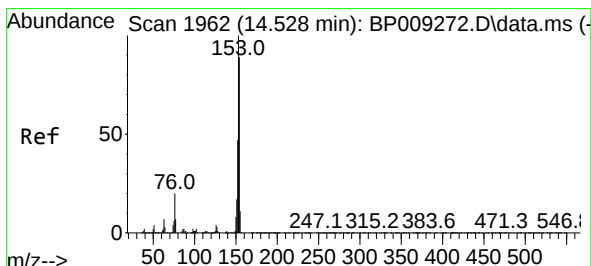
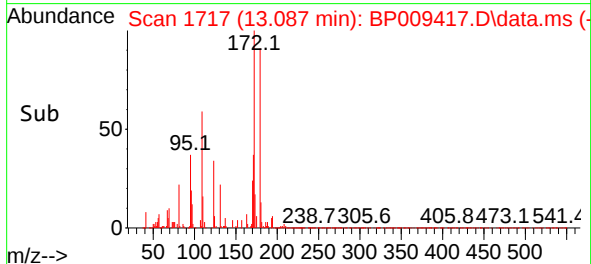
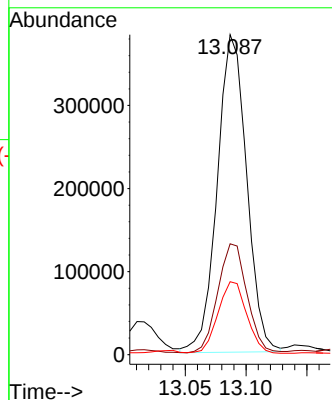
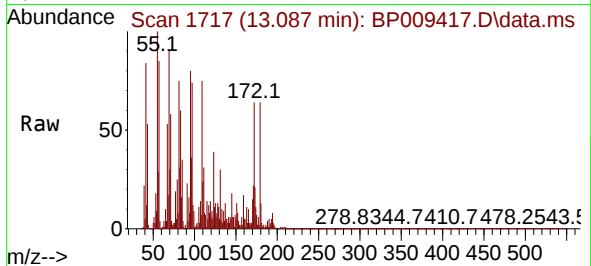




#45
2-Fluorobiphenyl
Concen: 10.692 ng
RT: 13.087 min Scan# 1717
Delta R.T. -0.000 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

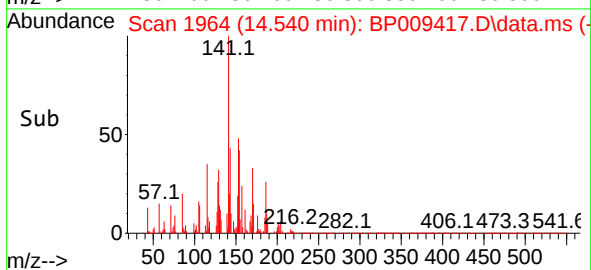
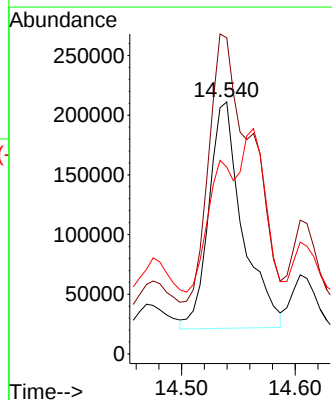
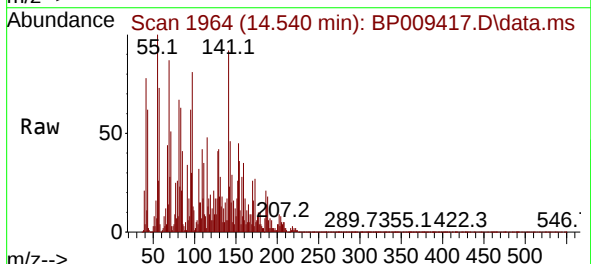
Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

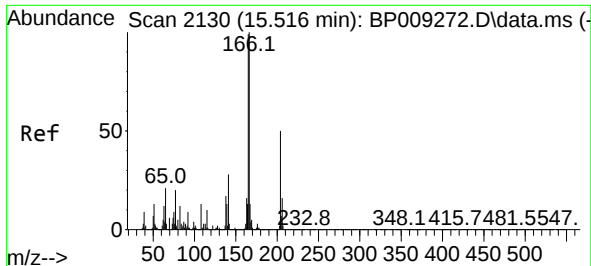
Tgt Ion:172 Resp: 643455
Ion Ratio Lower Upper
172 100
171 34.7 28.0 42.0
170 22.8 18.6 27.8



#52
Acenaphthene
Concen: 7.669 ng
RT: 14.540 min Scan# 1964
Delta R.T. 0.012 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Tgt Ion:154 Resp: 388680
Ion Ratio Lower Upper
154 100
153 125.4 90.2 135.4
152 74.1 42.7 64.1#

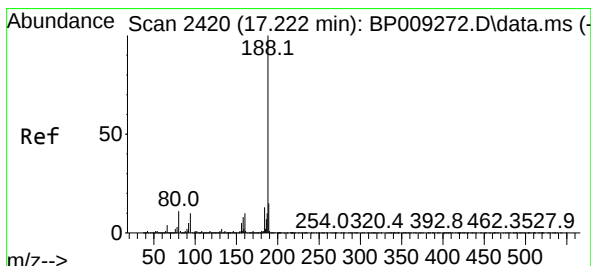
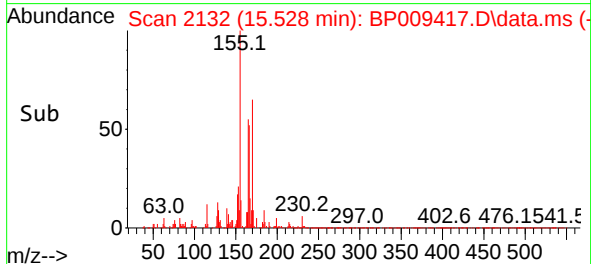
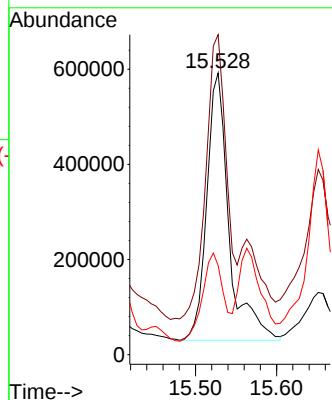
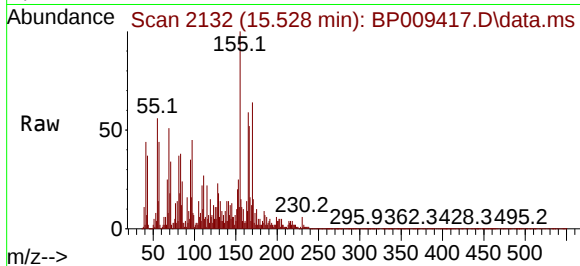




#58
Fluorene
Concen: 17.793 ng
RT: 15.528 min Scan# 2130
Delta R.T. 0.012 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

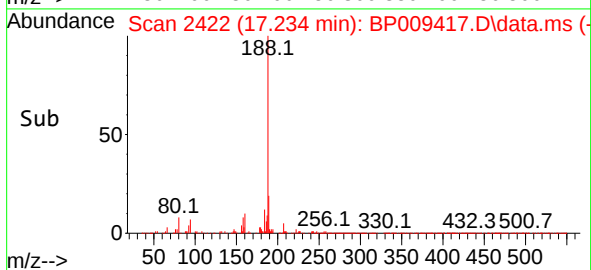
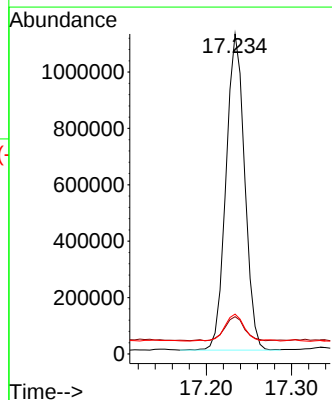
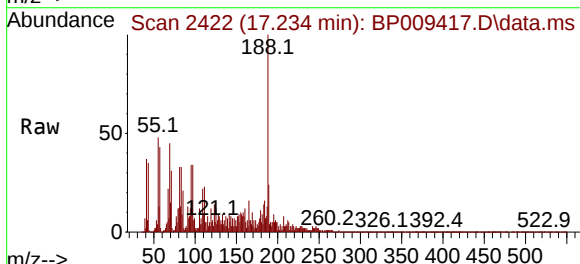
Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

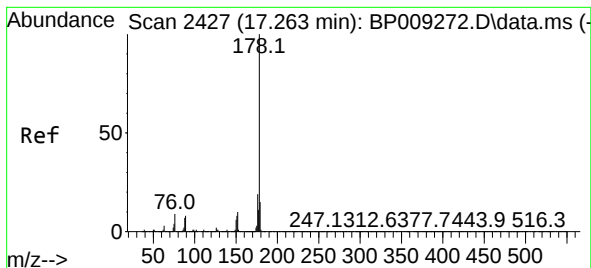
Tgt Ion:166 Resp: 1069734
Ion Ratio Lower Upper
166 100
165 113.5 79.2 118.8
167 31.7 10.7 16.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.234 min Scan# 2422
Delta R.T. 0.012 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Tgt Ion:188 Resp: 1703939
Ion Ratio Lower Upper
188 100
94 11.7 7.9 11.9
80 12.4 8.8 13.2





#71

Phenanthrene

Concen: 27.569 ng

RT: 17.275 min Scan# 2429

Delta R.T. 0.012 min

Lab File: BP009417.D

Acq: 16 Mar 2022 01:49

Instrument :

BNA_P

ClientSampleId :

WC-8-9-2DL

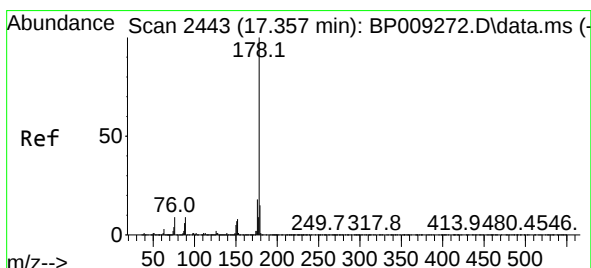
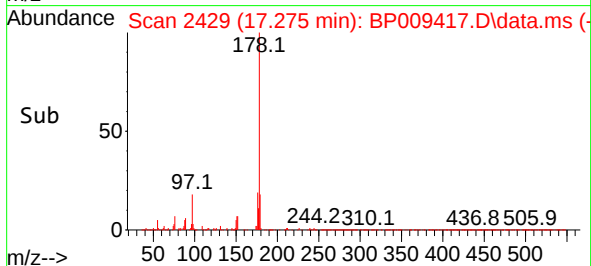
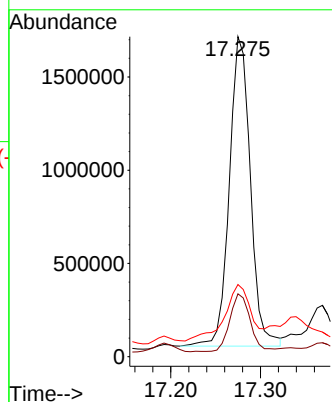
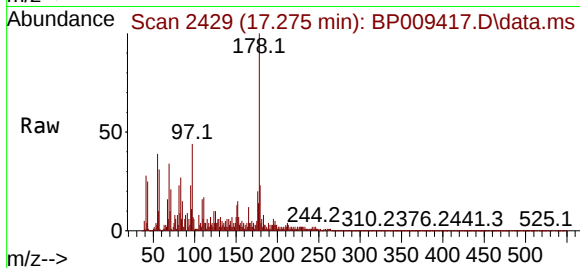
Tgt Ion:178 Resp: 2699696

Ion Ratio Lower Upper

178 100

176 19.6 15.4 23.2

179 22.5 12.3 18.5#



#72

Anthracene

Concen: 3.974 ng

RT: 17.369 min Scan# 2445

Delta R.T. 0.012 min

Lab File: BP009417.D

Acq: 16 Mar 2022 01:49

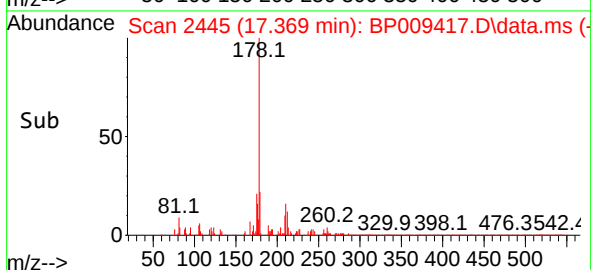
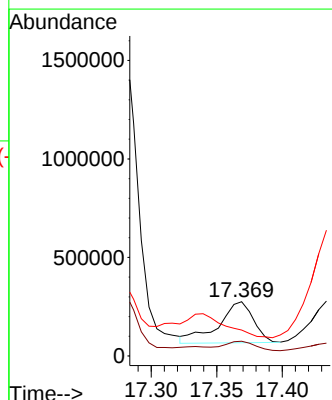
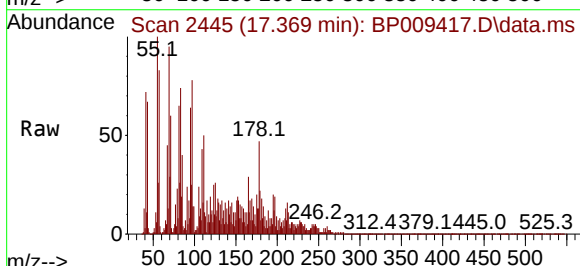
Tgt Ion:178 Resp: 387309

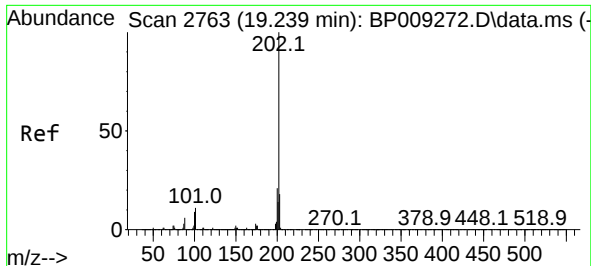
Ion Ratio Lower Upper

178 100

176 27.3 14.8 22.2#

179 47.8 12.2 18.4#

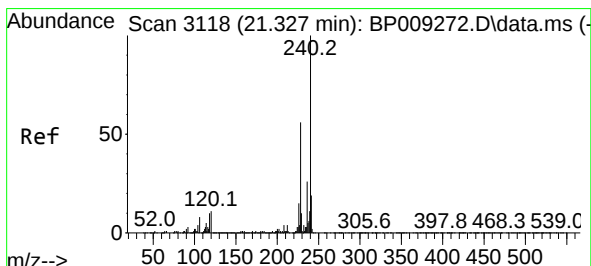
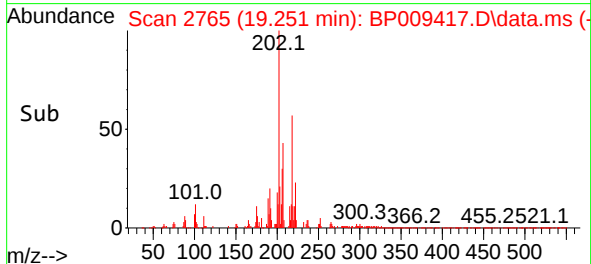
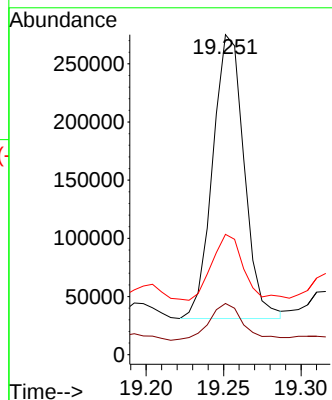
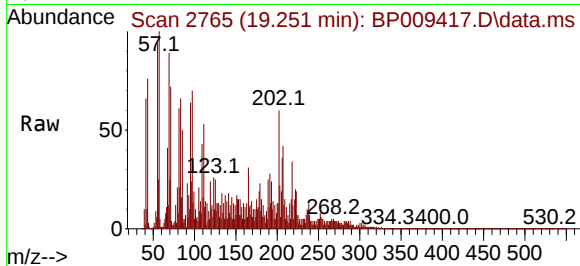




#75
Fluoranthene
Concen: 3.054 ng
RT: 19.251 min Scan# 21
Delta R.T. 0.012 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

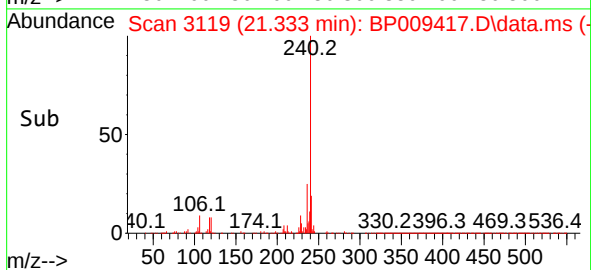
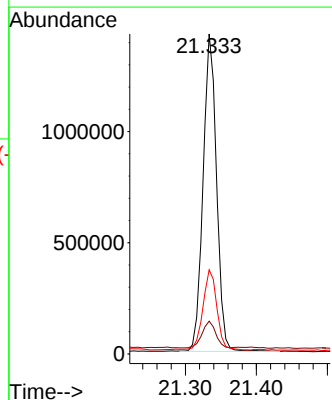
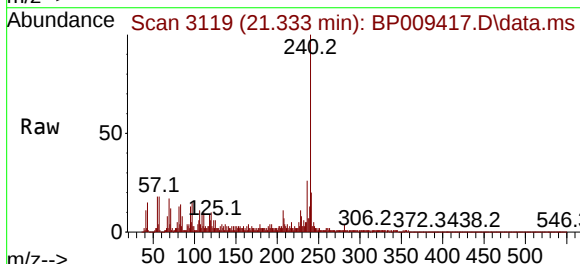
Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

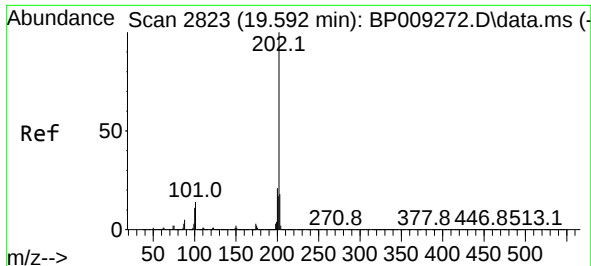
Tgt Ion:202 Resp: 345145
Ion Ratio Lower Upper
202 100
101 16.0 0.0 31.5
203 37.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.333 min Scan# 3119
Delta R.T. 0.006 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Tgt Ion:240 Resp: 1887069
Ion Ratio Lower Upper
240 100
120 10.3 9.0 13.4
236 26.3 20.6 30.8

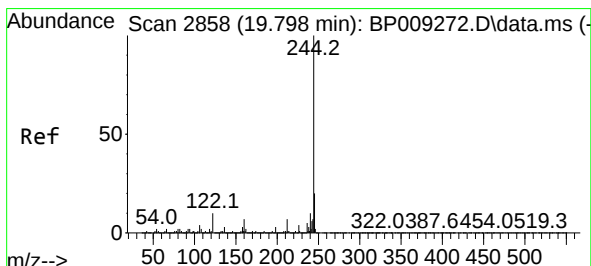
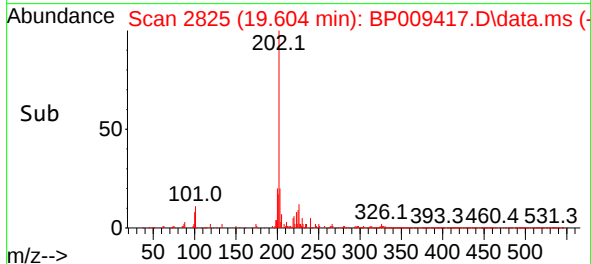
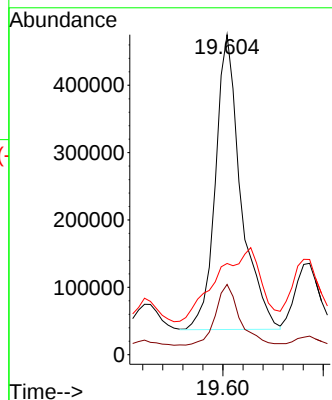
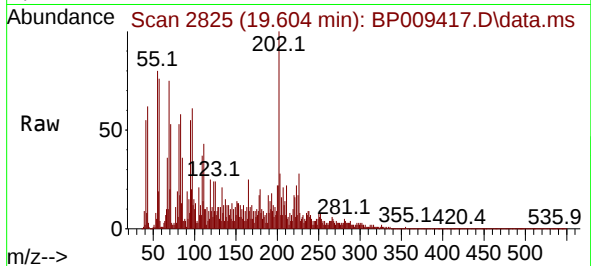




#78
 Pyrene
 Concen: 6.040 ng
 RT: 19.604 min Scan# 2825
 Delta R.T. 0.012 min
 Lab File: BP009417.D
 Acq: 16 Mar 2022 01:49

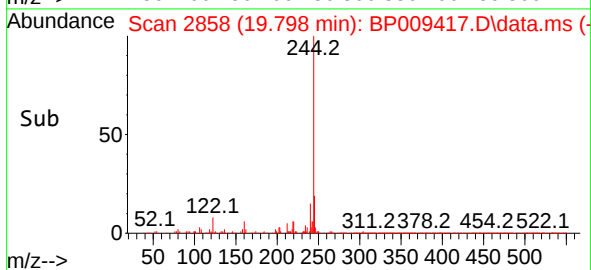
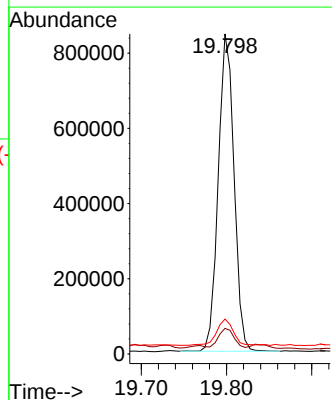
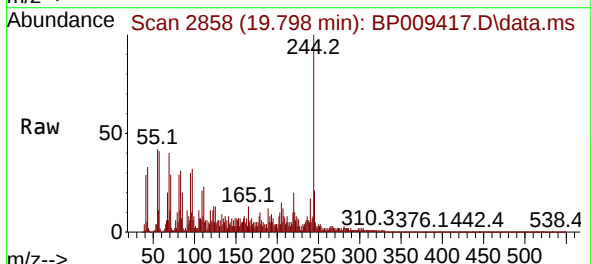
Instrument :
 BNA_P
 ClientSampleId :
 WC-8-9-2DL

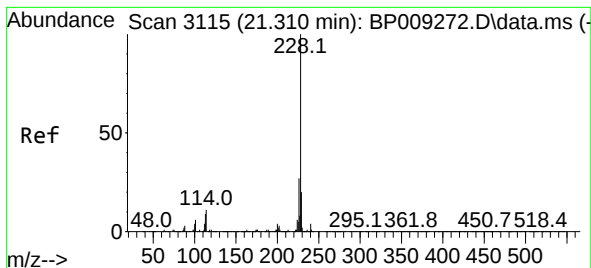
Tgt Ion:202 Resp: 769604
 Ion Ratio Lower Upper
 202 100
 200 22.0 16.8 25.2
 203 28.5 14.2 21.4#



#79
 Terphenyl-d14
 Concen: 10.896 ng
 RT: 19.798 min Scan# 2858
 Delta R.T. 0.000 min
 Lab File: BP009417.D
 Acq: 16 Mar 2022 01:49

Tgt Ion:244 Resp: 1089542
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.8 8.6
 122 10.9 8.3 12.5





#81

Benzo(a)anthracene

Concen: 4.268 ng

RT: 21.322 min Scan# 3117

Delta R.T. 0.012 min

Lab File: BP009417.D

Acq: 16 Mar 2022 01:49

Instrument :

BNA_P

ClientSampleId :

WC-8-9-2DL

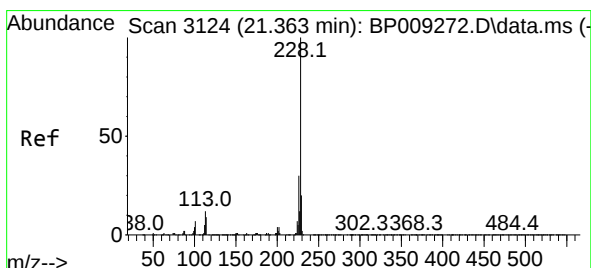
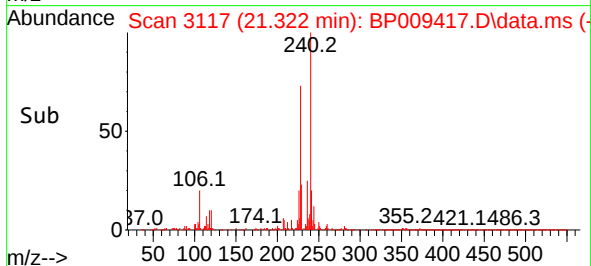
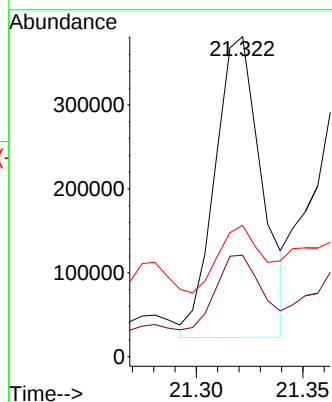
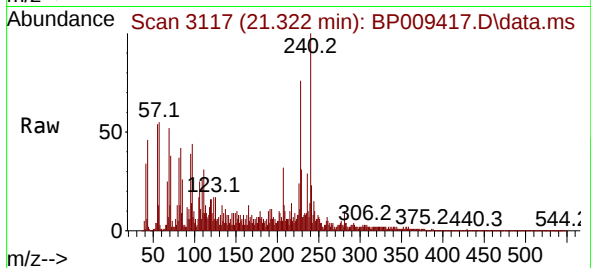
Tgt Ion:228 Resp: 545840

Ion Ratio Lower Upper

228 100

226 31.7 22.0 33.0

229 41.1 16.1 24.1#



#83

Chrysene

Concen: 5.130 ng

RT: 21.369 min Scan# 3125

Delta R.T. 0.006 min

Lab File: BP009417.D

Acq: 16 Mar 2022 01:49

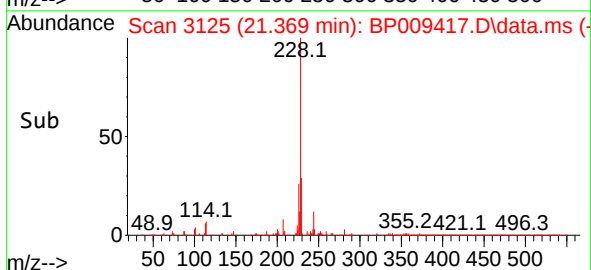
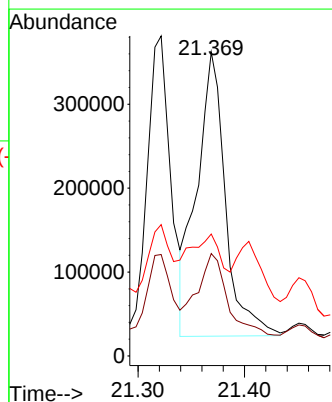
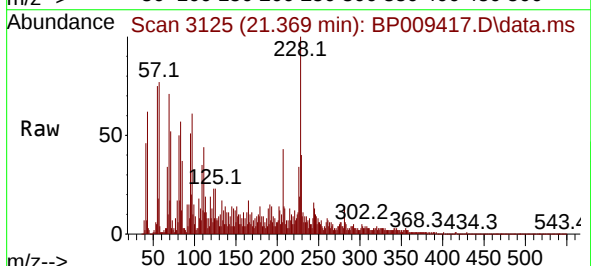
Tgt Ion:228 Resp: 637109

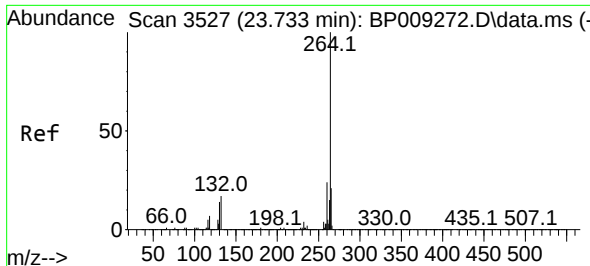
Ion Ratio Lower Upper

228 100

226 33.7 24.2 36.2

229 40.2 16.1 24.1#



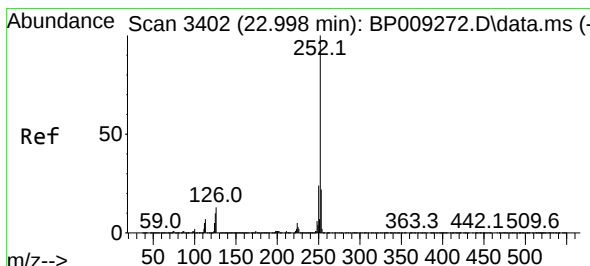
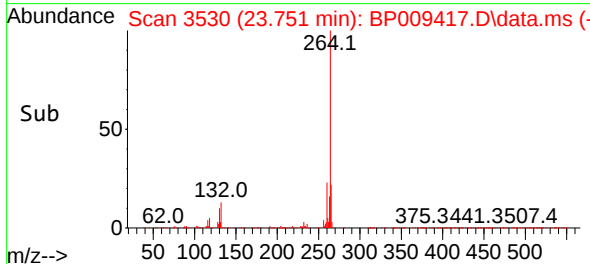
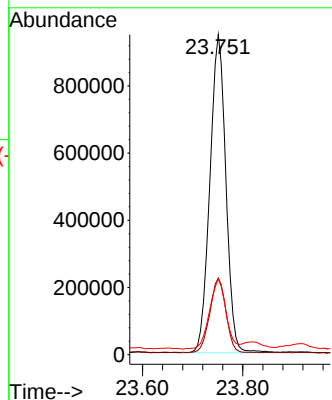
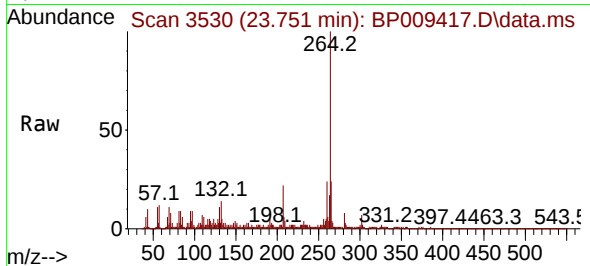


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.751 min Scan# 31
Delta R.T. 0.018 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Instrument :
BNA_P
ClientSampleId :
WC-8-9-2DL

Tgt Ion:264 Resp: 2099972

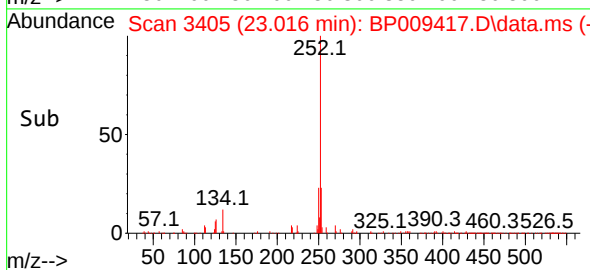
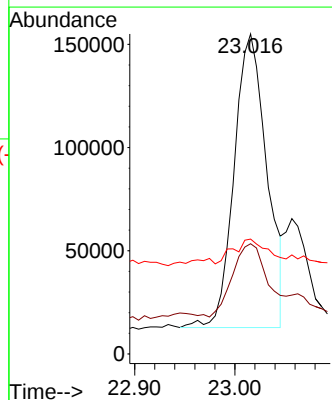
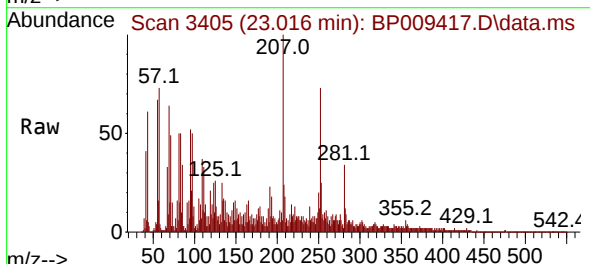
Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.4	29.0
265	23.7	17.2	25.8

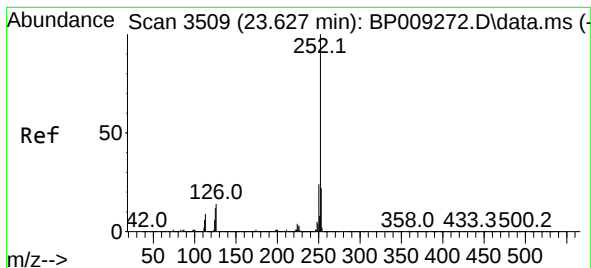


#88
Benzo(b)fluoranthene
Concen: 2.279 ng
RT: 23.016 min Scan# 3405
Delta R.T. 0.018 min
Lab File: BP009417.D
Acq: 16 Mar 2022 01:49

Tgt Ion:252 Resp: 323159

Ion	Ratio	Lower	Upper
252	100		
253	34.4	17.8	26.8#
125	35.9	8.1	12.1#





#90

Benzo(a)pyrene

Concen: 2.339 ng

RT: 23.639 min Scan# 31

Delta R.T. 0.012 min

Lab File: BP009417.D

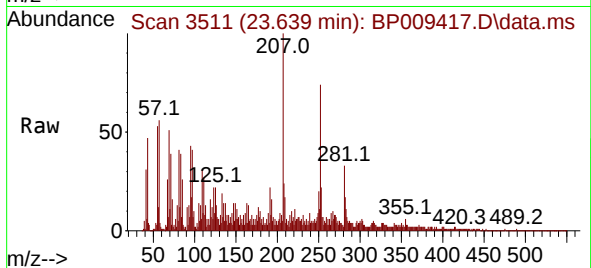
Acq: 16 Mar 2022 01:49

Instrument :

BNA_P

ClientSampleId :

WC-8-9-2DL



Tgt Ion:252 Resp: 314582

Ion Ratio Lower Upper

252 100

253 30.2 17.8 26.6#

125 29.2 9.3 13.9#

