

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006816.D
 Acq On : 21 Aug 2021 00:20
 Operator : CG/JU
 Sample : M3434-21
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 01:01:00 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 20 11:25:25 2021
 Response via : Initial Calibration

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

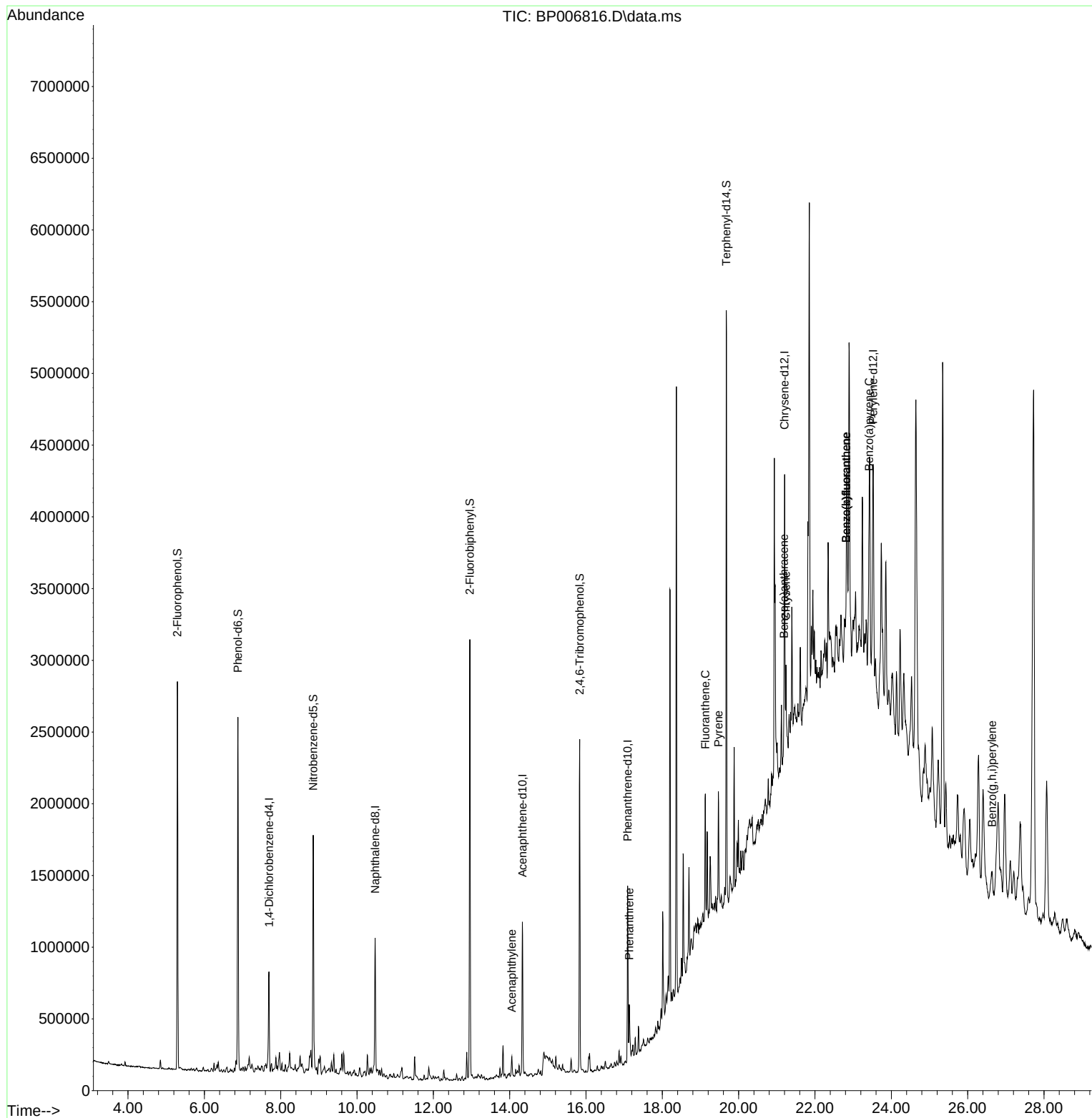
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.692	152	176828	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	692003	20.000	ng	# 0.00
39) Acenaphthene-d10	14.333	164	351296	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	655183	20.000	ng	# 0.00
76) Chrysene-d12	21.203	240	728836	20.000	ng	# 0.00
86) Perylene-d12	23.527	264	849996	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1145901	99.534	ng	0.00
7) Phenol-d6	6.881	99	1373340	83.976	ng	0.00
23) Nitrobenzene-d5	8.851	82	962754	64.217	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	354124	96.454	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1453830	61.917	ng	0.00
79) Terphenyl-d14	19.674	244	1667876	45.855	ng	0.00
Target Compounds						
						Qvalue
49) Acenaphthylene	14.057	152	80379	2.434	ng	99
71) Phenanthrene	17.133	178	210422	5.694	ng	99
75) Fluoranthene	19.127	202	434365	10.472	ng	95
78) Pyrene	19.468	202	440244	9.043	ng	98
81) Benzo(a)anthracene	21.186	228	170271	3.575	ng	# 87
83) Chrysene	21.239	228	250431	5.423	ng	# 93
88) Benzo(b)fluoranthene	22.815	252	330351	5.980	ng	# 76
89) Benzo(k)fluoranthene	22.815	252	330351	6.228	ng	# 76
90) Benzo(a)pyrene	23.415	252	211426	4.267	ng	# 74
92) Benzo(g,h,i)perylene	26.639	276	172636	3.381	ng	# 85

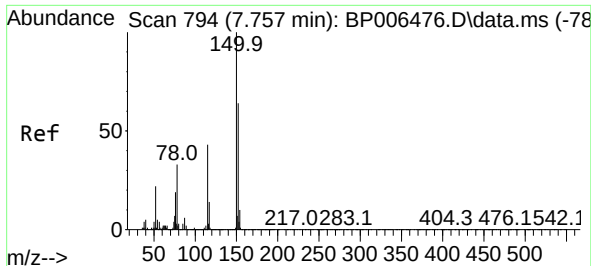
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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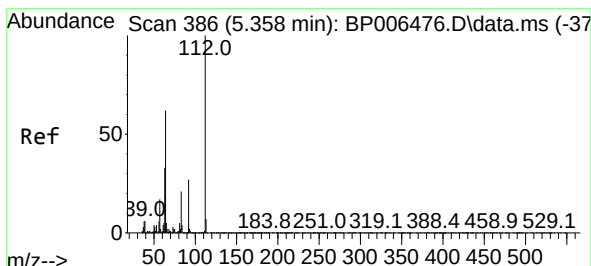
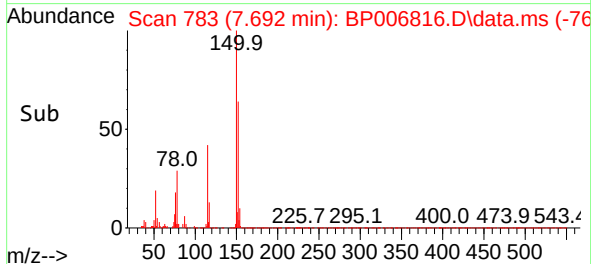
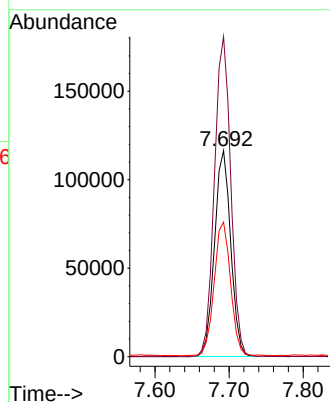
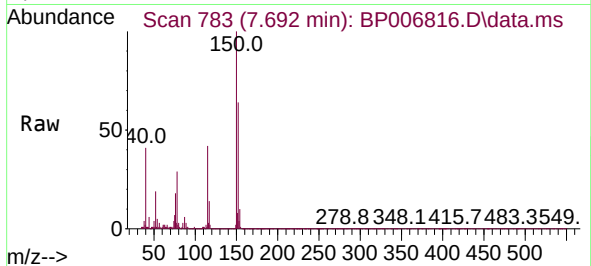




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.692 min Scan# 783
Delta R.T. -0.001 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

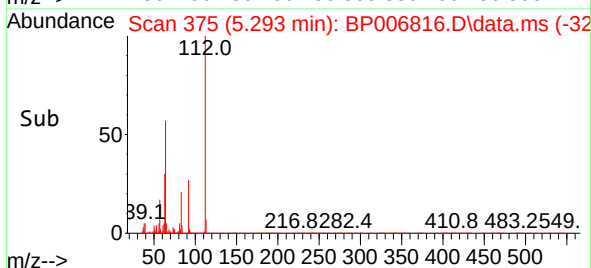
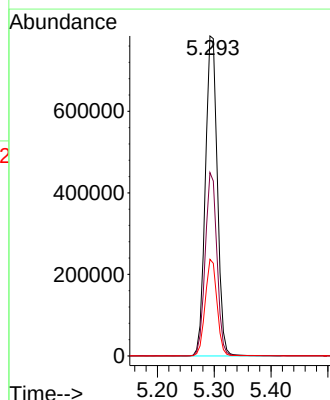
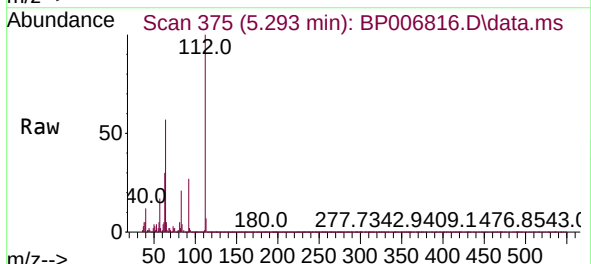
Instrument :
BNA_P
ClientSampleId :

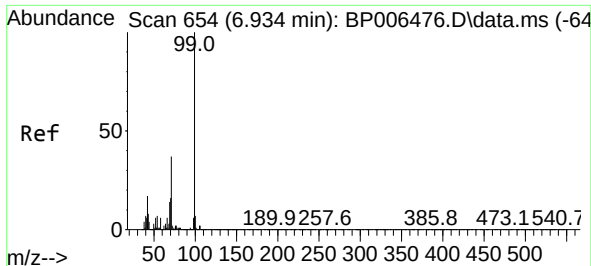
Tgt Ion:152 Resp: 176828
Ion Ratio Lower Upper
152 100
150 155.2 125.6 188.4
115 65.3 48.5 72.7



#5
2-Fluorophenol
Concen: 99.534 ng
RT: 5.293 min Scan# 375
Delta R.T. -0.000 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion:112 Resp: 1145901
Ion Ratio Lower Upper
112 100
64 57.3 41.4 62.2
63 30.2 23.8 35.8

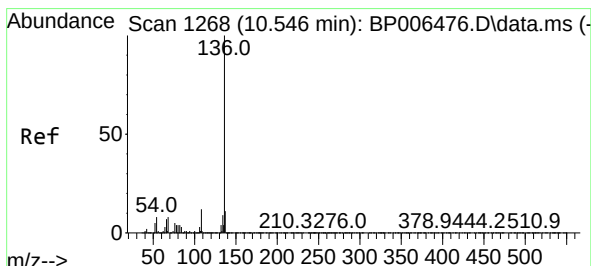
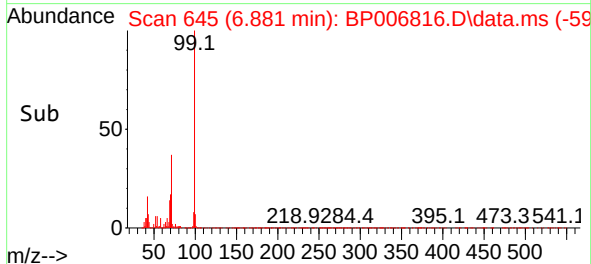
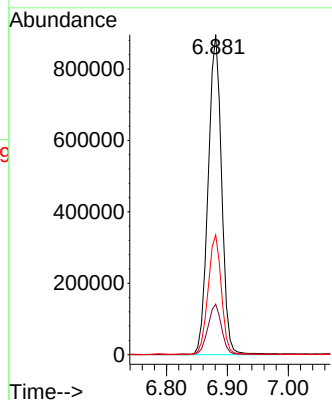
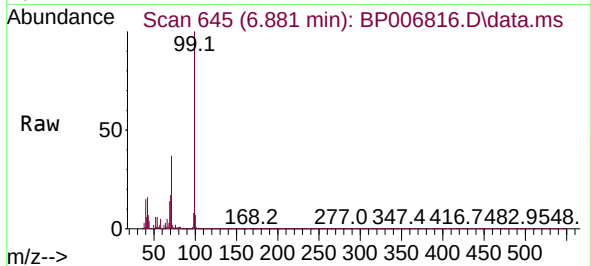




#7
Phenol-d6
Concen: 83.976 ng
RT: 6.881 min Scan# 645
Delta R.T. -0.000 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

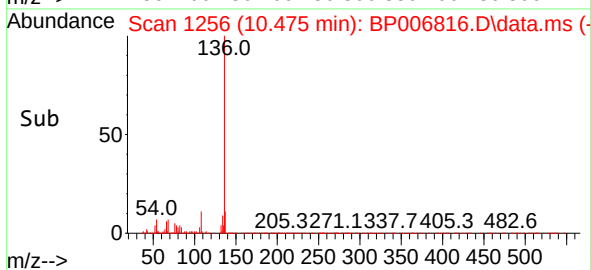
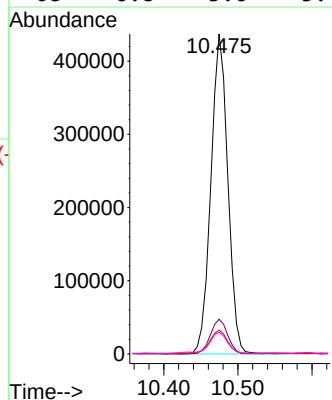
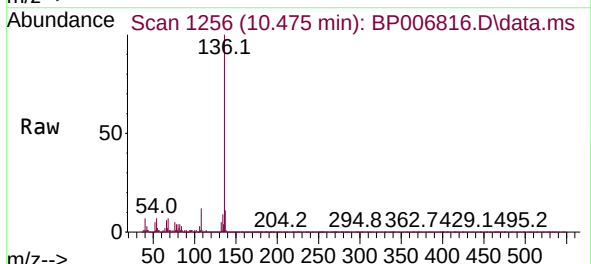
Instrument :
BNA_P
ClientSampleId :

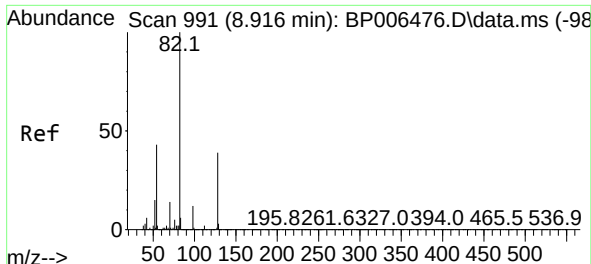
Tgt Ion: 99 Resp: 1373340
Ion Ratio Lower Upper
99 100
42 15.8 13.4 20.0
71 37.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. -0.000 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion: 136 Resp: 692003
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 7.4 4.6 6.8#
68 6.8 3.6 5.4#

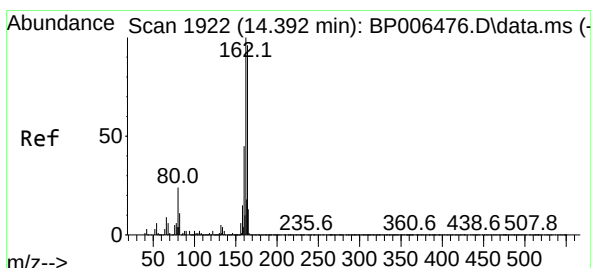
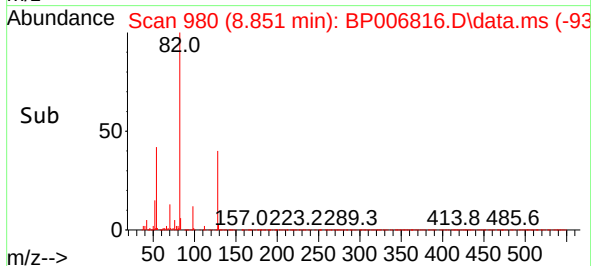
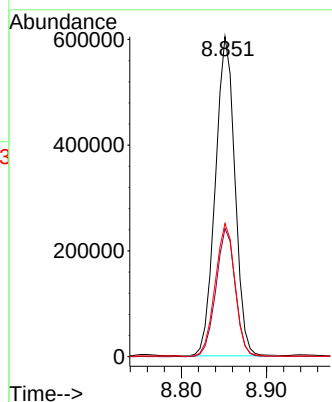
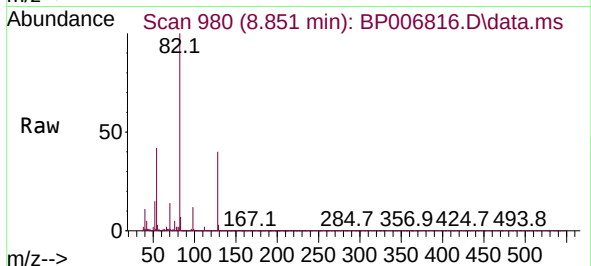




#23
Nitrobenzene-d5
Concen: 64.217 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

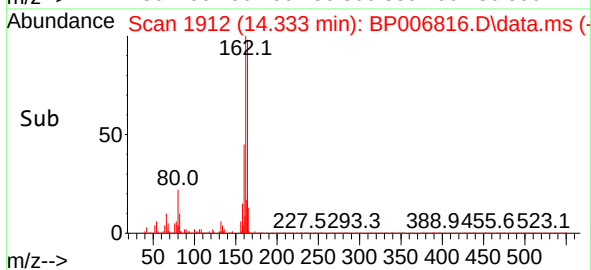
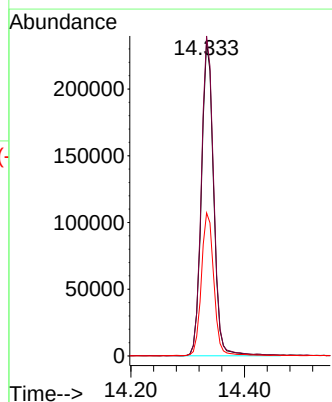
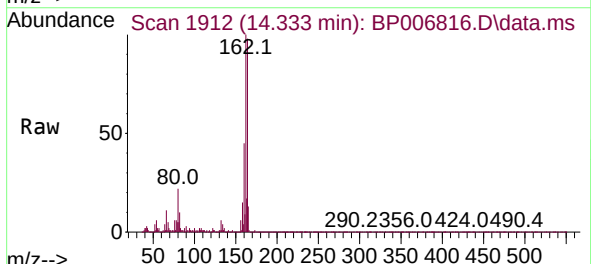
Instrument :
BNA_P
ClientSampleId :

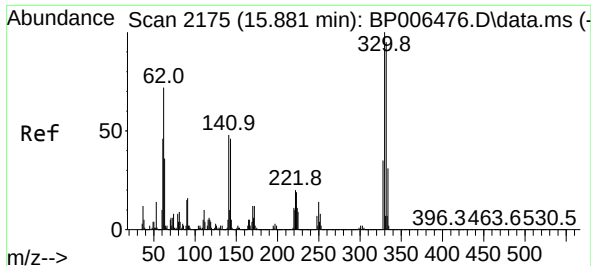
Tgt Ion: 82 Resp: 962754
Ion Ratio Lower Upper
82 100
128 40.1 35.7 53.5
54 41.6 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.333 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion: 164 Resp: 351296
Ion Ratio Lower Upper
164 100
162 101.8 80.2 120.2
160 45.5 34.5 51.7

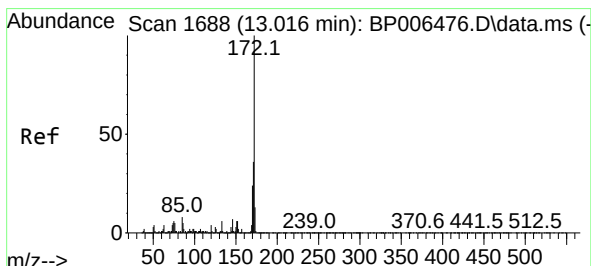
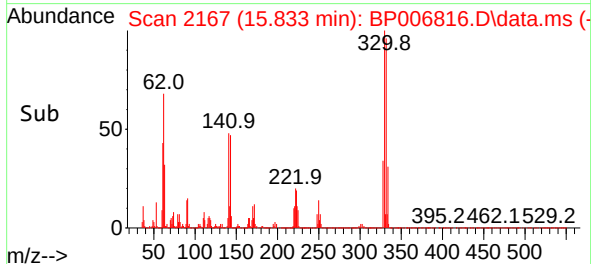
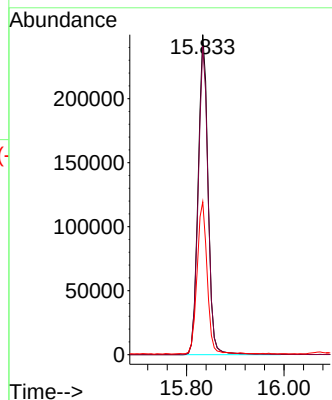
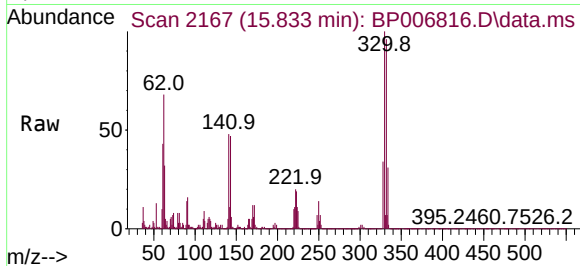




#42
2,4,6-Tribromophenol
Concen: 96.454 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

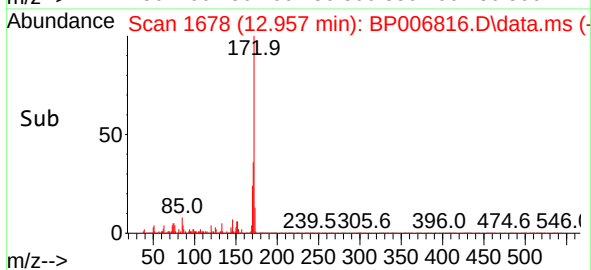
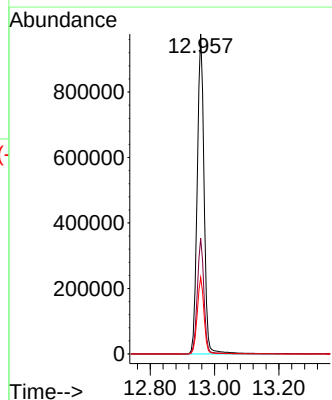
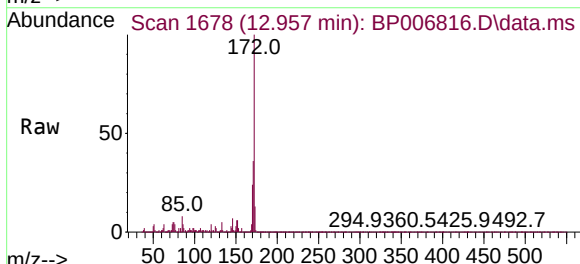
Instrument :
BNA_P
ClientSampleId :

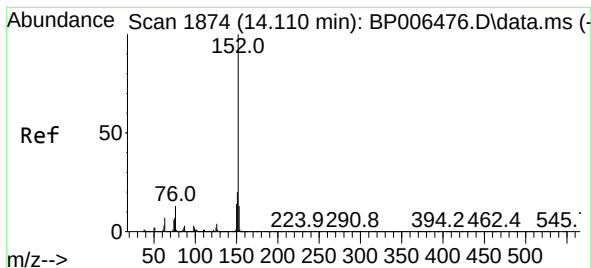
Tgt Ion:330 Resp: 354124
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 48.5 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 61.917 ng
RT: 12.957 min Scan# 1678
Delta R.T. -0.000 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion:172 Resp: 1453830
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 23.9 18.6 27.8





#49

Acenaphthylene

Concen: 2.434 ng

RT: 14.057 min Scan# 1865

Delta R.T. -0.000 min

Lab File: BP006816.D

Acq: 21 Aug 2021 00:20

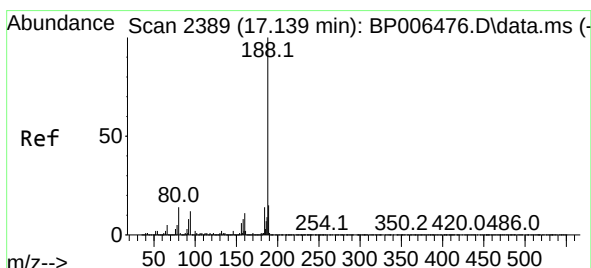
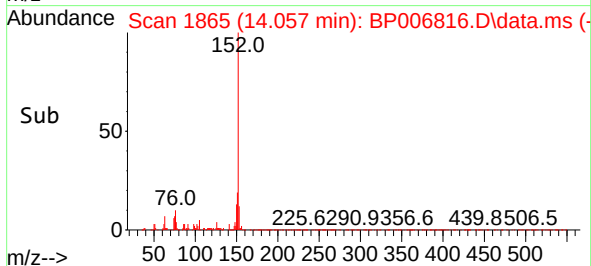
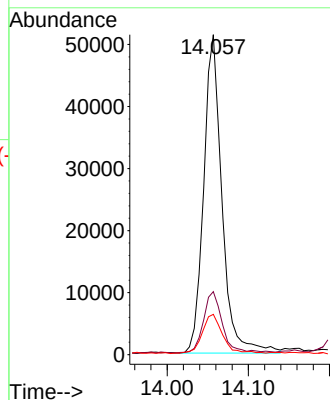
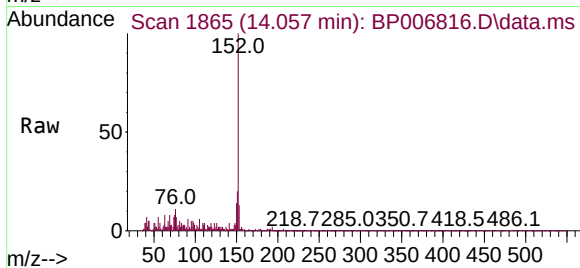
Tgt Ion:152 Resp: 80379

Ion Ratio Lower Upper

152 100

151 19.7 16.2 24.2

153 12.6 10.6 16.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.092 min Scan# 2381

Delta R.T. -0.006 min

Lab File: BP006816.D

Acq: 21 Aug 2021 00:20

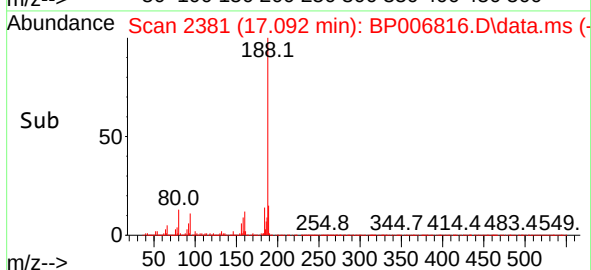
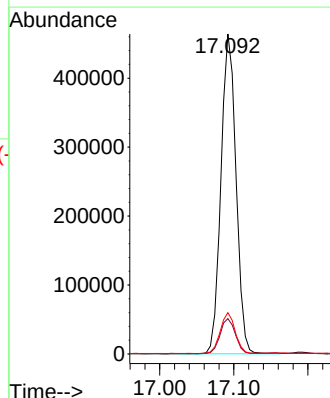
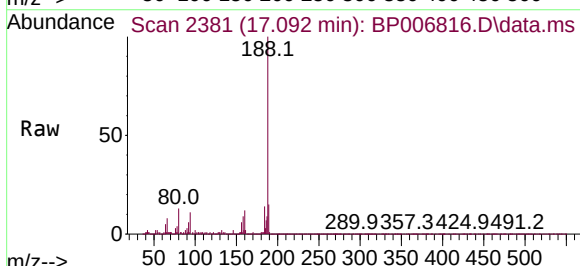
Tgt Ion:188 Resp: 655183

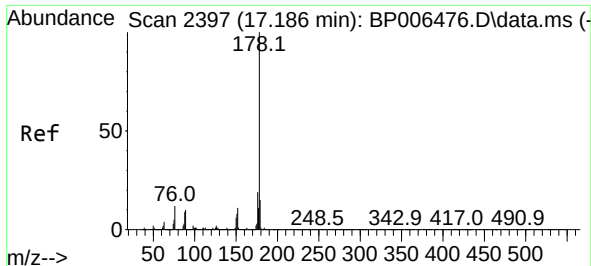
Ion Ratio Lower Upper

188 100

94 11.1 5.6 8.4#

80 12.9 6.3 9.5#

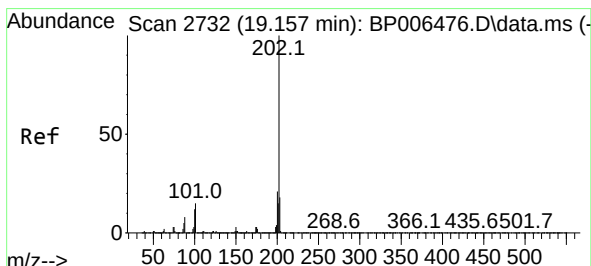
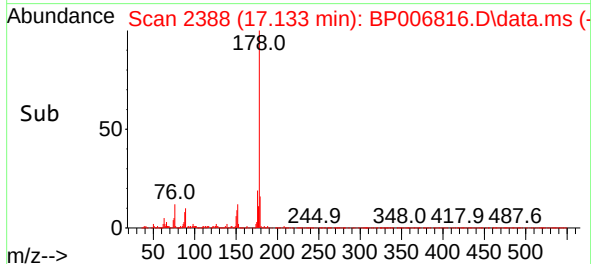
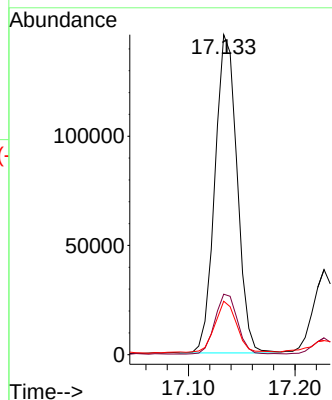
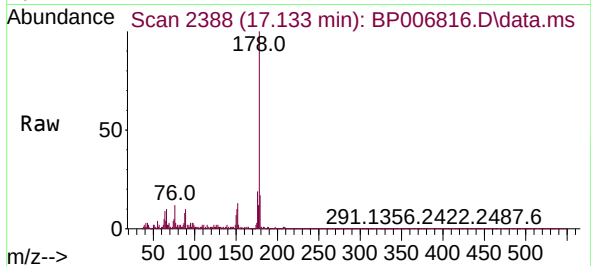




#71
Phenanthrene
Concen: 5.694 ng
RT: 17.133 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

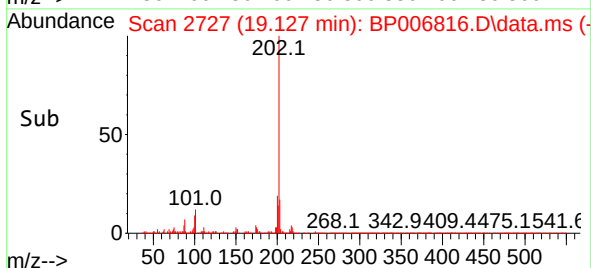
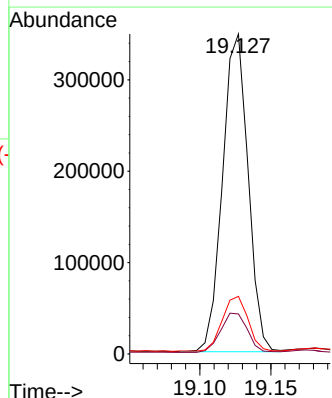
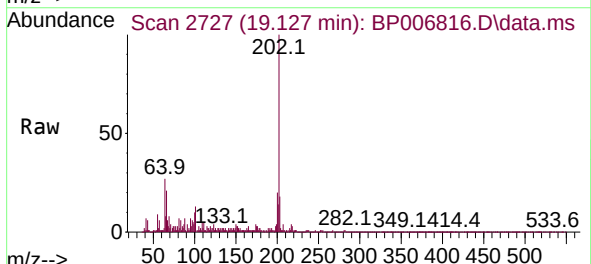
Instrument :
BNA_P
ClientSampleId :

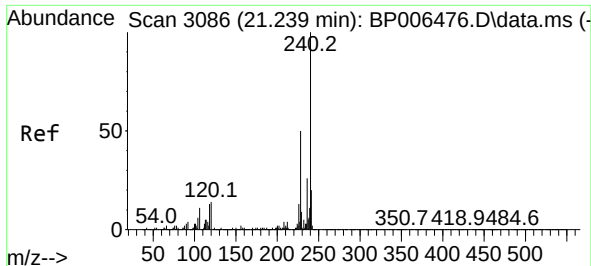
Tgt Ion:178 Resp: 210422
Ion Ratio Lower Upper
178 100
176 18.9 15.1 22.7
179 16.7 12.4 18.6



#75
Fluoranthene
Concen: 10.472 ng
RT: 19.127 min Scan# 2727
Delta R.T. 0.006 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion:202 Resp: 434365
Ion Ratio Lower Upper
202 100
101 12.5 0.0 27.6
203 18.0 0.0 37.8

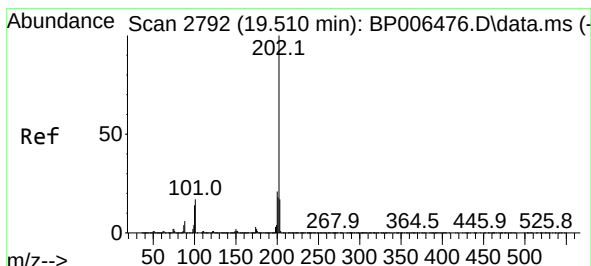
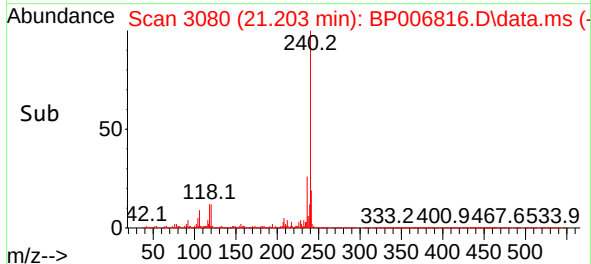
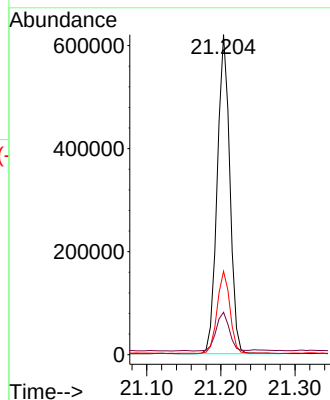
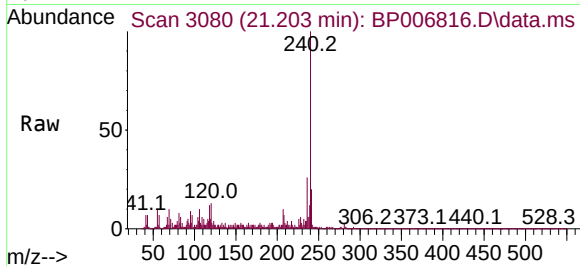




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.203 min Scan# 3080
Delta R.T. -0.000 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

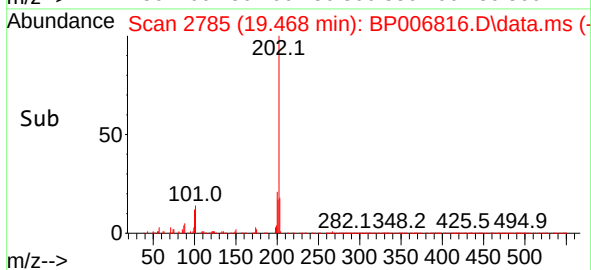
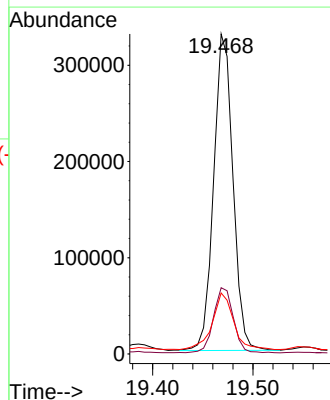
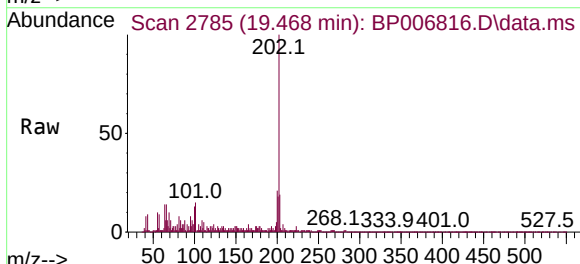
Instrument :
BNA_P
ClientSampleId :

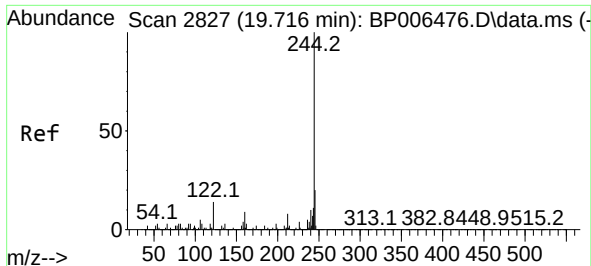
Tgt Ion:240 Resp: 728836
Ion Ratio Lower Upper
240 100
120 13.3 6.5 9.7#
236 26.1 20.6 31.0



#78
Pyrene
Concen: 9.043 ng
RT: 19.468 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion:202 Resp: 440244
Ion Ratio Lower Upper
202 100
200 20.7 16.3 24.5
203 19.0 14.2 21.2

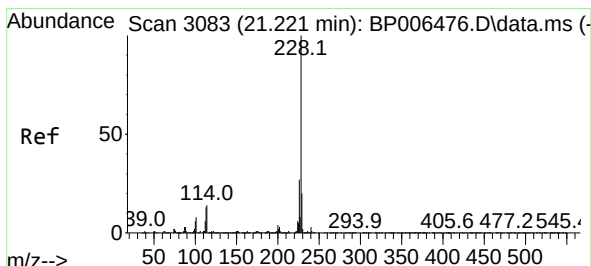
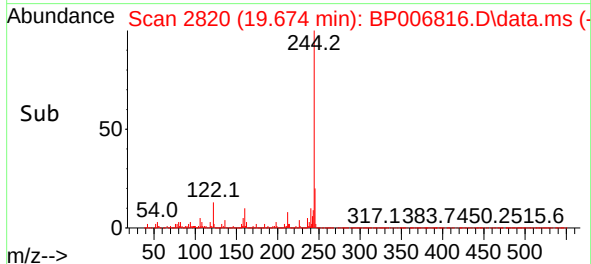
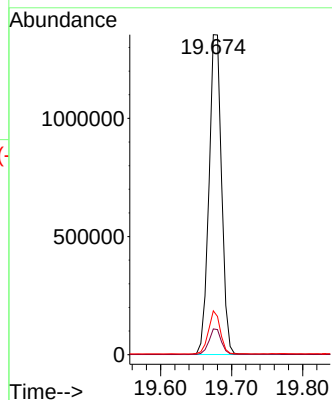
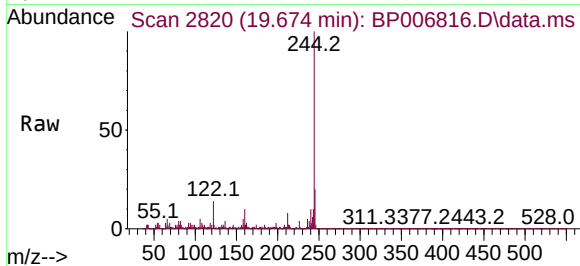




#79
 Terphenyl-d14
 Concen: 45.855 ng
 RT: 19.674 min Scan# 2820
 Delta R.T. -0.006 min
 Lab File: BP006816.D
 Acq: 21 Aug 2021 00:20

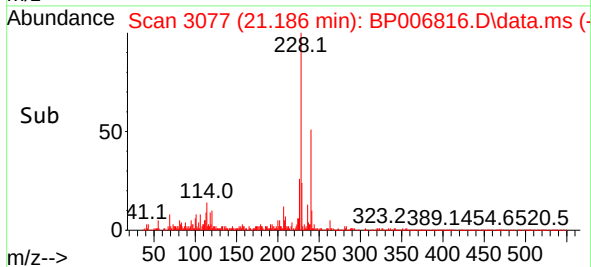
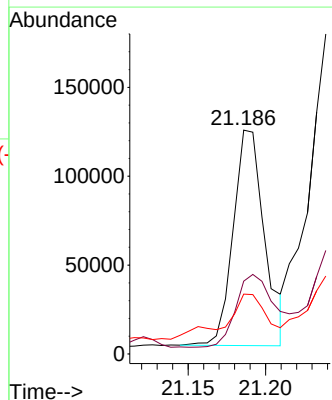
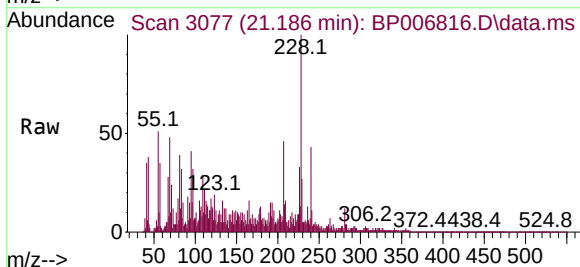
Instrument :
 BNA_P
 ClientSampleId :

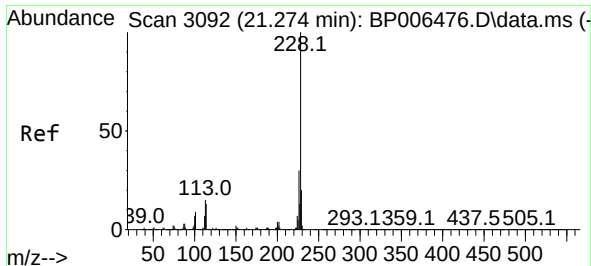
Tgt Ion:244 Resp: 1667876
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.0 9.0
 122 13.7 7.1 10.7#



#81
 Benzo(a)anthracene
 Concen: 3.575 ng
 RT: 21.186 min Scan# 3077
 Delta R.T. -0.006 min
 Lab File: BP006816.D
 Acq: 21 Aug 2021 00:20

Tgt Ion:228 Resp: 170271
 Ion Ratio Lower Upper
 228 100
 226 32.5 21.6 32.4#
 229 26.8 15.8 23.6#

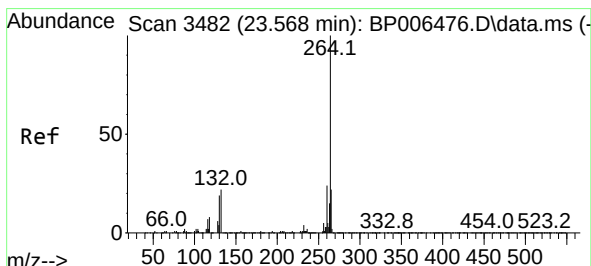
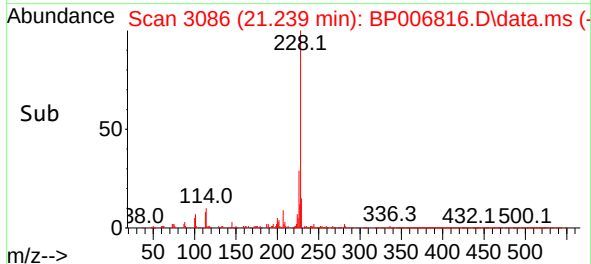
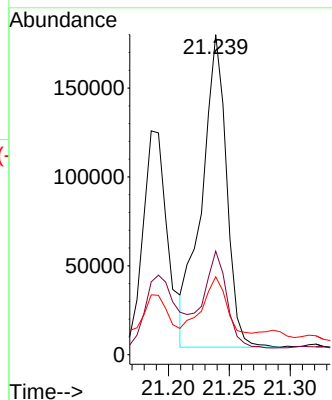
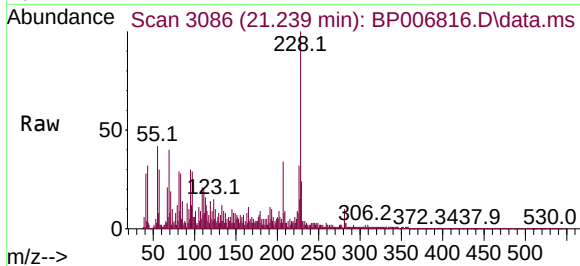




#83
Chrysene
Concen: 5.423 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

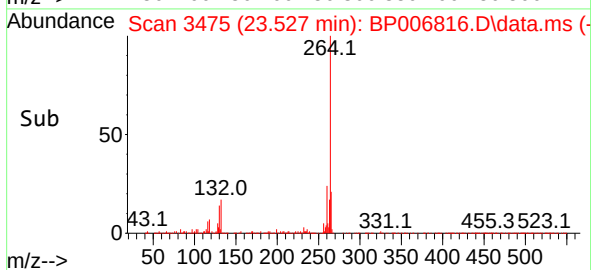
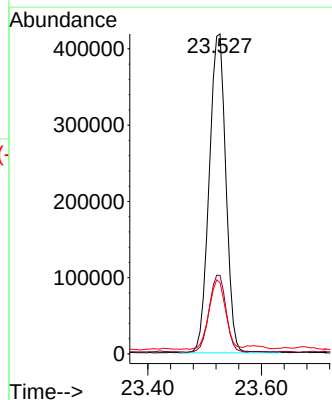
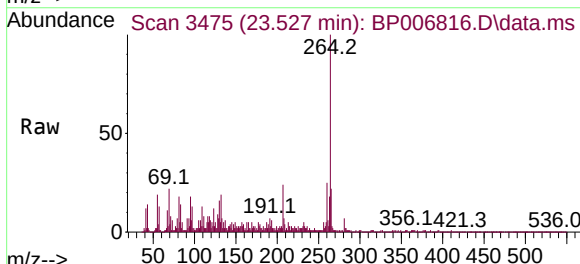
Instrument :
BNA_P
ClientSampleId :

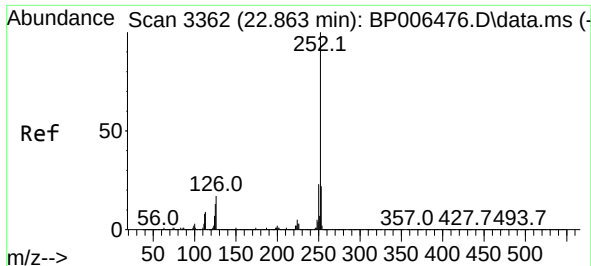
Tgt Ion:228 Resp: 250431
Ion Ratio Lower Upper
228 100
226 32.3 23.8 35.6
229 24.4 15.4 23.2#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.527 min Scan# 3475
Delta R.T. 0.012 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion:264 Resp: 849996
Ion Ratio Lower Upper
264 100
260 24.6 18.6 28.0
265 22.2 17.6 26.4

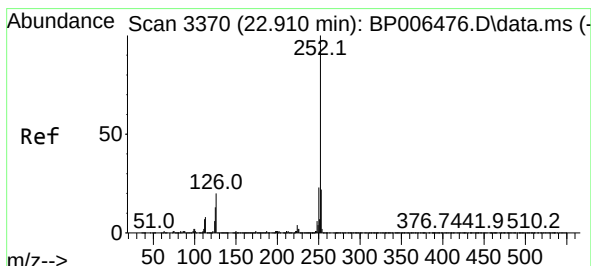
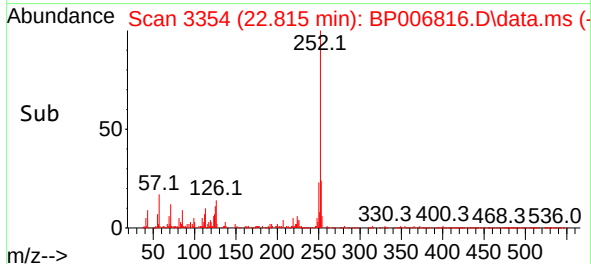
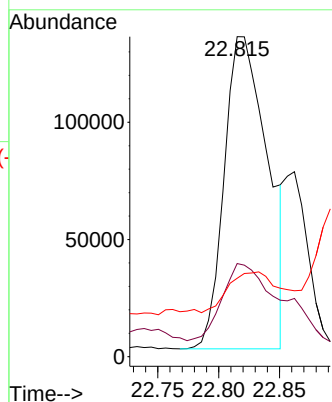
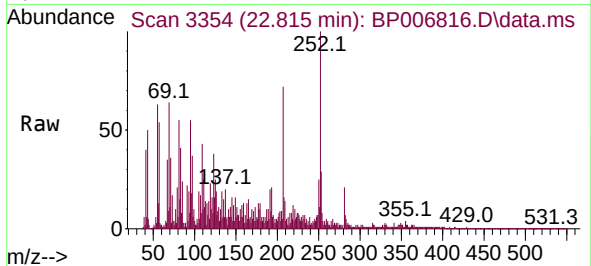




#88
Benzo(b)fluoranthene
Concen: 5.980 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.000 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

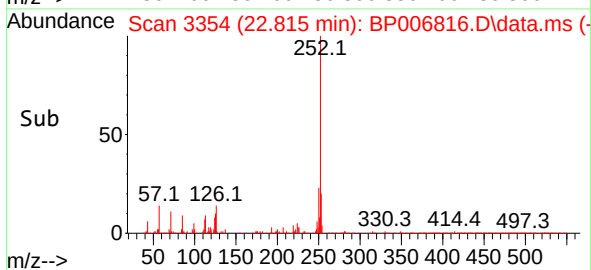
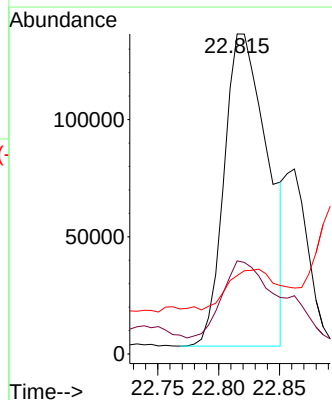
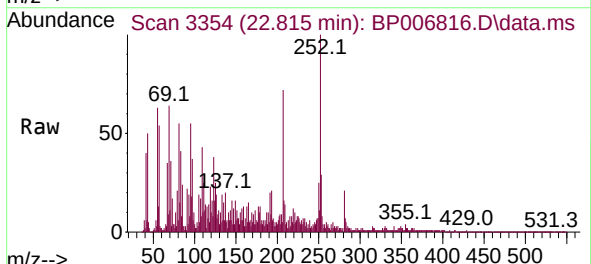
Instrument :
BNA_P
ClientSampleId :

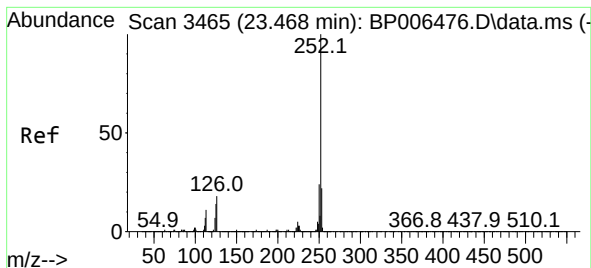
Tgt Ion:252 Resp: 330351
Ion Ratio Lower Upper
252 100
253 29.1 17.5 26.3#
125 24.5 6.2 9.4#



#89
Benzo(k)fluoranthene
Concen: 6.228 ng
RT: 22.815 min Scan# 3354
Delta R.T. -0.047 min
Lab File: BP006816.D
Acq: 21 Aug 2021 00:20

Tgt Ion:252 Resp: 330351
Ion Ratio Lower Upper
252 100
253 29.1 17.6 26.4#
125 24.5 6.0 9.0#





#90

Benzo(a)pyrene

Concen: 4.267 ng

RT: 23.415 min Scan# 3456

Delta R.T. -0.000 min

Lab File: BP006816.D

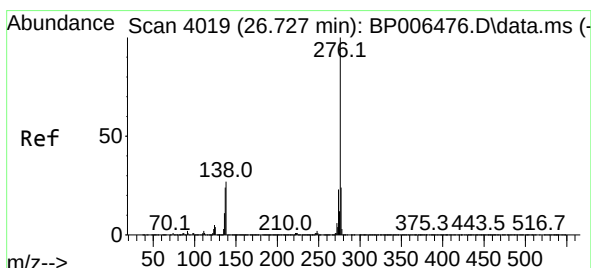
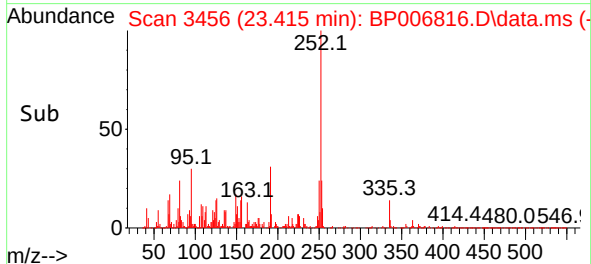
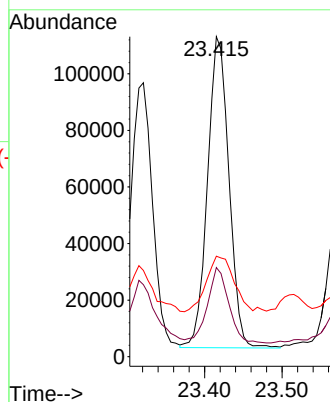
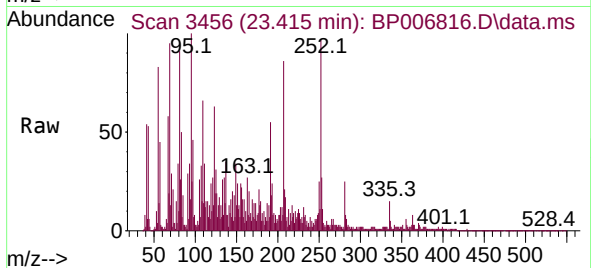
Acq: 21 Aug 2021 00:20

Instrument :

BNA_P

ClientSampleId :

Tgt Ion:	252	Resp:	211426
Ion Ratio	Lower	Upper	
252	100		
253	27.8	17.9	26.9#
125	31.4	6.5	9.7#



#92

Benzo(g,h,i)perylene

Concen: 3.381 ng

RT: 26.639 min Scan# 4004

Delta R.T. -0.000 min

Lab File: BP006816.D

Acq: 21 Aug 2021 00:20

Tgt Ion:	276	Resp:	172636
Ion Ratio	Lower	Upper	
276	100		
277	26.0	18.9	28.3
138	28.3	12.6	18.8#

