

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006811.D
 Acq On : 20 Aug 2021 21:28
 Operator : CG/JU
 Sample : M3434-19
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 00:59:52 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)

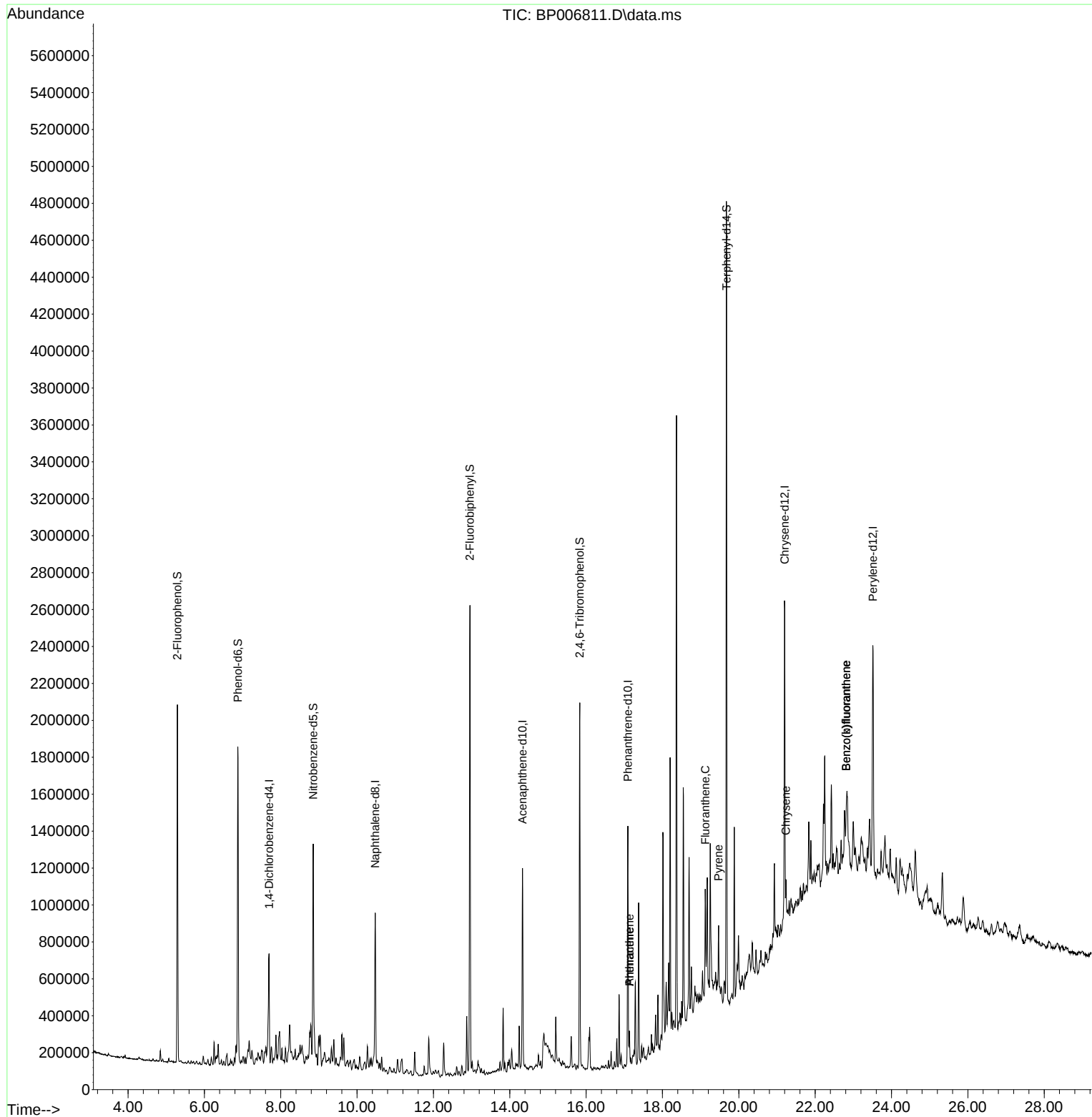
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	150053	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	634407	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	354698	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	696402	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	728949	20.000	ng	# 0.00
86) Perylene-d12	23.510	264	807068	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	788408	80.701	ng	0.00
7) Phenol-d6	6.875	99	977126	70.410	ng	0.00
23) Nitrobenzene-d5	8.852	82	685023	49.840	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	307049	82.830	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1222764	51.577	ng	0.00
79) Terphenyl-d14	19.675	244	1746493	48.009	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.134	178	97743	2.488	ng	98
72) Anthracene	17.134	178	97743	2.575	ng	97
75) Fluoranthene	19.122	202	202499	4.593	ng	95
78) Pyrene	19.469	202	186602	3.832	ng	100
83) Chrysene	21.233	228	103866	2.249	ng	# 93
88) Benzo(b)fluoranthene	22.810	252	123786	2.360	ng	# 85
89) Benzo(k)fluoranthene	22.810	252	123786	2.458	ng	# 86

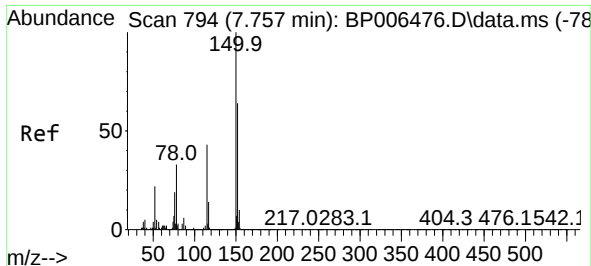
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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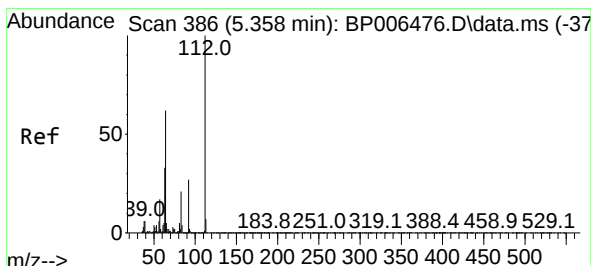
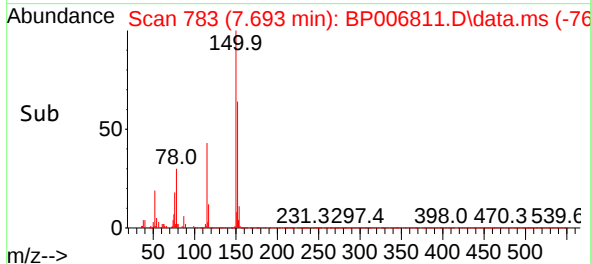
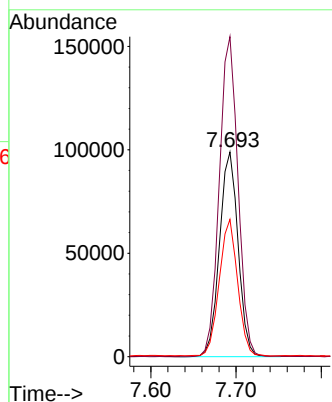
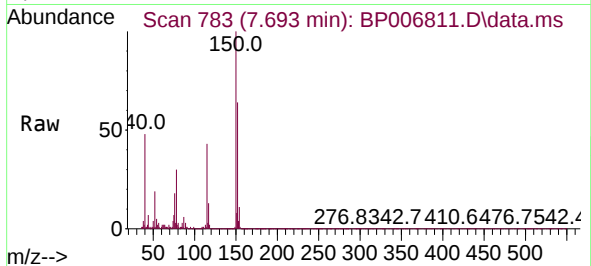




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

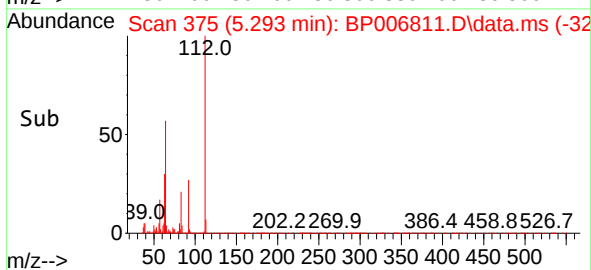
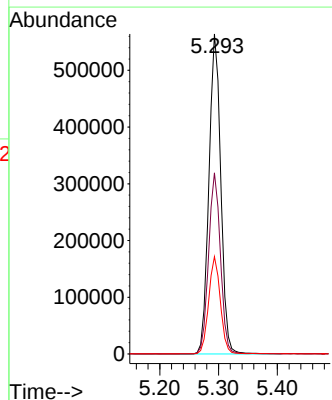
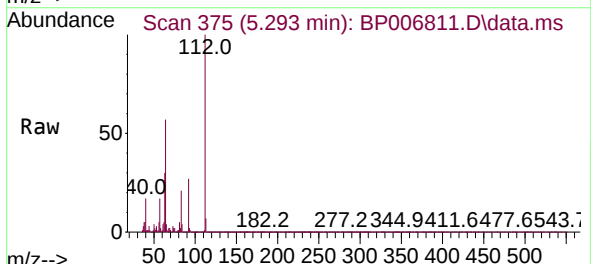
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:152 Resp: 150053
Ion Ratio Lower Upper
152 100
150 156.4 125.6 188.4
115 67.1 48.5 72.7



#5
2-Fluorophenol
Concen: 80.701 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:112 Resp: 788408
Ion Ratio Lower Upper
112 100
64 56.6 41.4 62.2
63 30.4 23.8 35.8

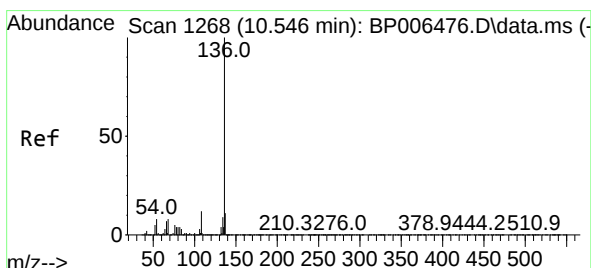
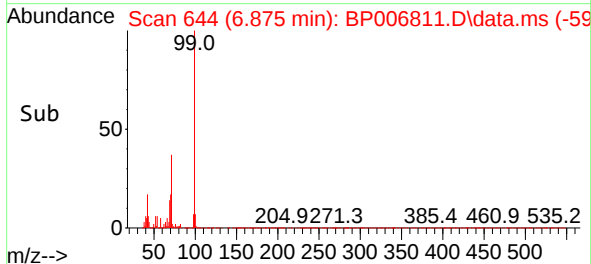
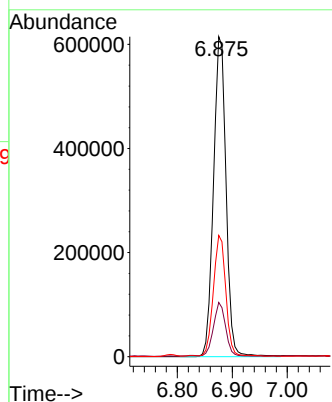
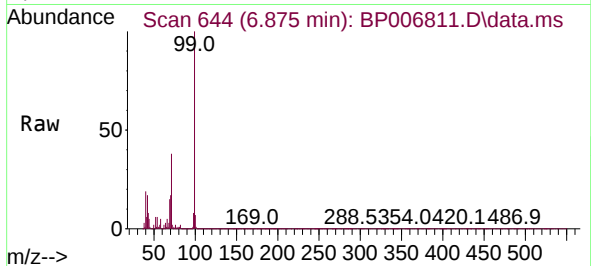




#7
Phenol-d6
Concen: 70.410 ng
RT: 6.875 min Scan# 644
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

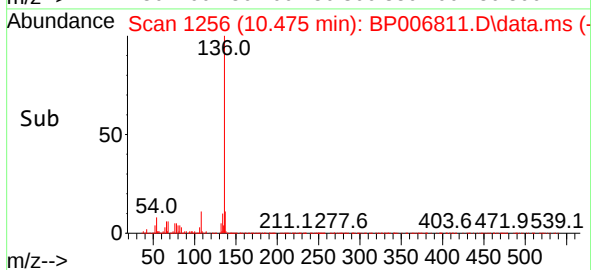
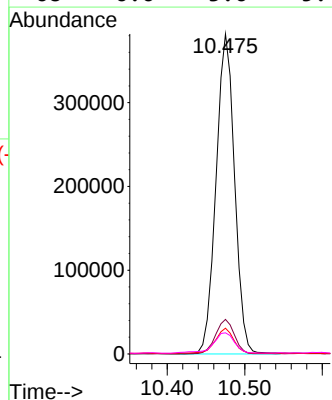
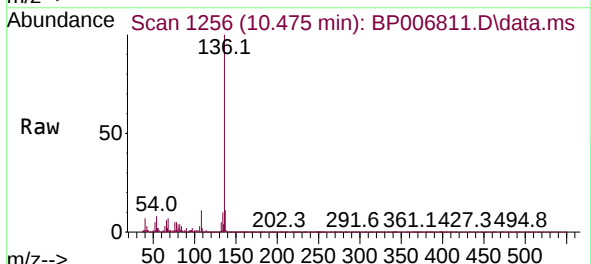
Instrument :
BNA_P
ClientSampleId :

Tgt Ion:	99	Resp:	977126
Ion	Ratio	Lower	Upper
99	100		
42	16.9	13.4	20.0
71	37.9	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: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:	136	Resp:	634407
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.6	12.8
54	8.1	4.6	6.8#
68	6.6	3.6	5.4#

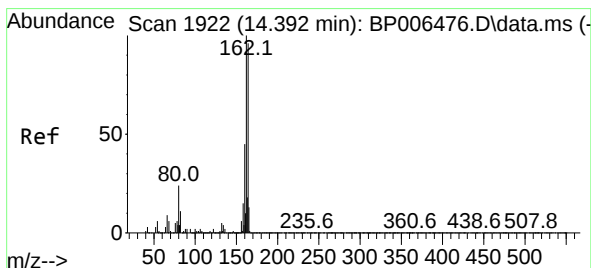
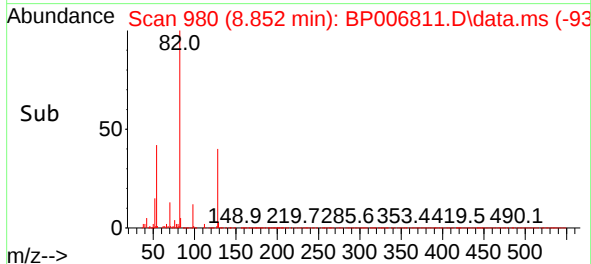
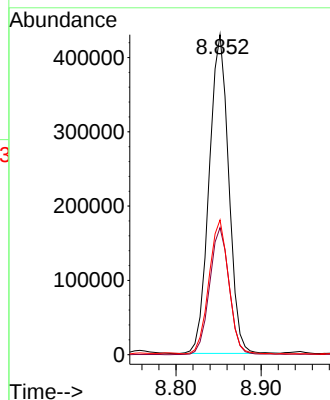
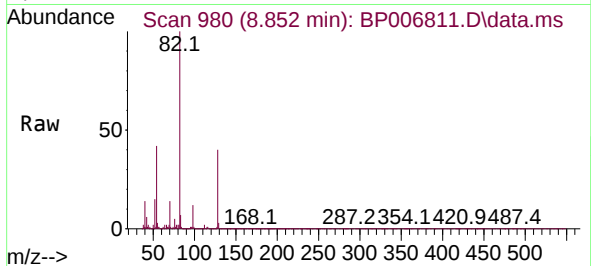




#23
Nitrobenzene-d5
Concen: 49.840 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

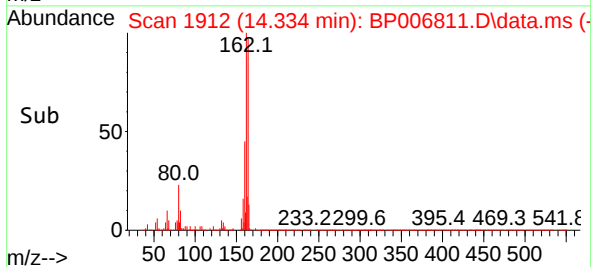
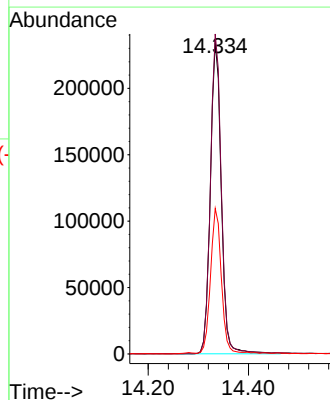
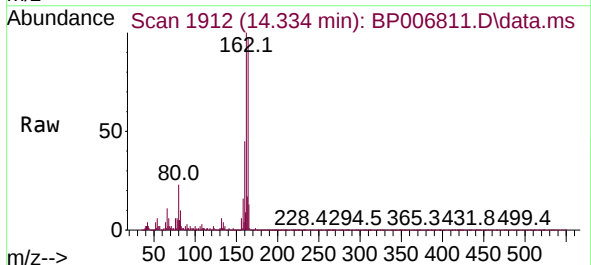
Instrument :
BNA_P
ClientSampleId :

Tgt Ion: 82 Resp: 685023
Ion Ratio Lower Upper
82 100
128 39.7 35.7 53.5
54 42.1 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:164 Resp: 354698
Ion Ratio Lower Upper
164 100
162 102.7 80.2 120.2
160 46.6 34.5 51.7

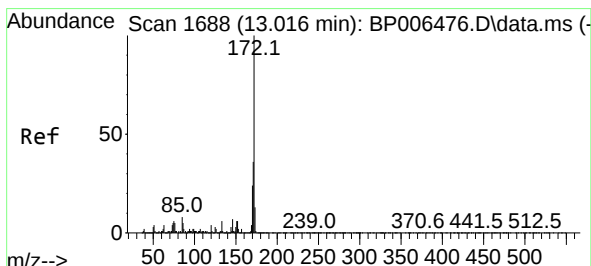
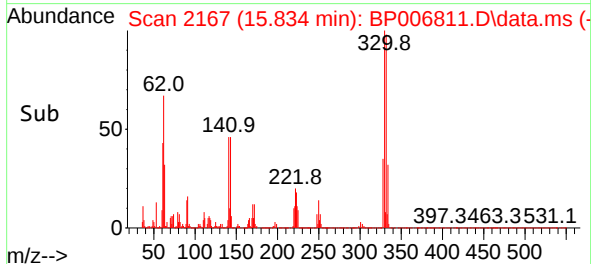
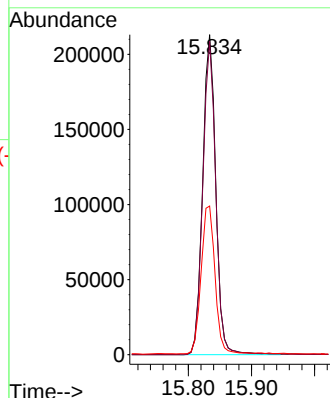
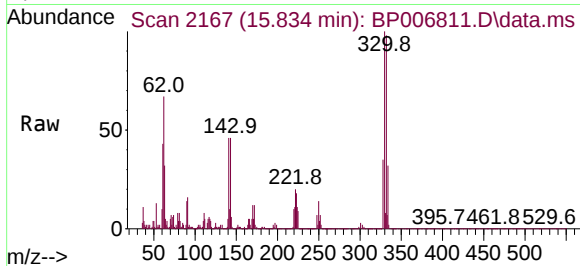




#42
2,4,6-Tribromophenol
Concen: 82.830 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

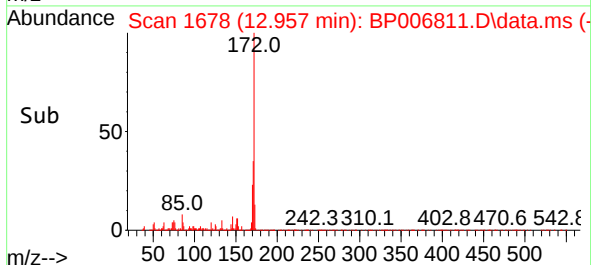
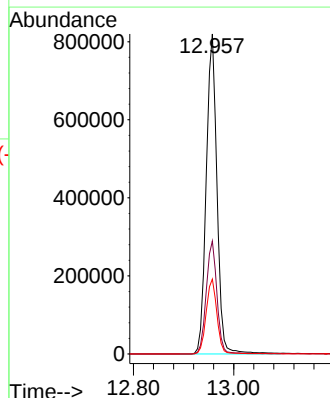
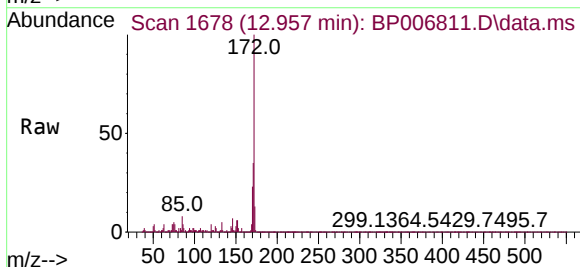
Instrument :
BNA_P
ClientSampleId :

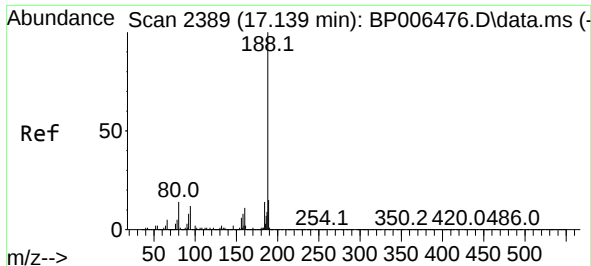
Tgt Ion:330 Resp: 307049
Ion Ratio Lower Upper
330 100
332 97.3 77.8 116.8
141 49.0 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 51.577 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:172 Resp: 1222764
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.4 18.6 27.8

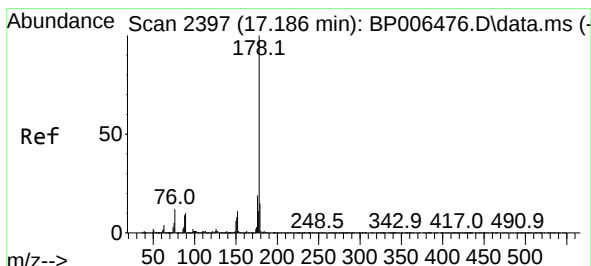
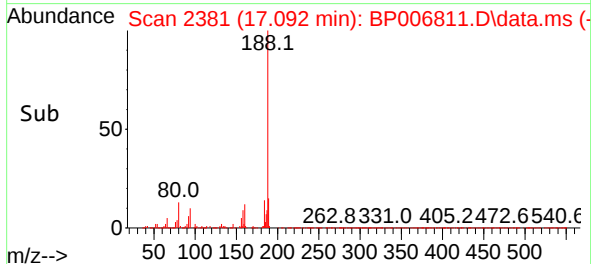
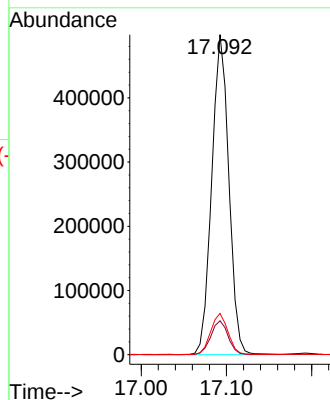
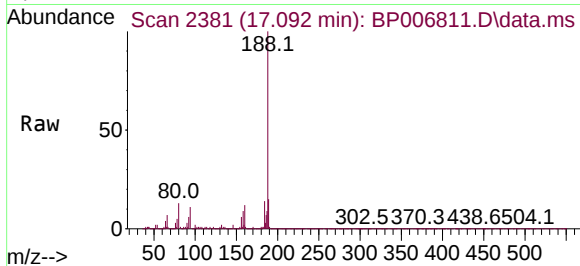




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

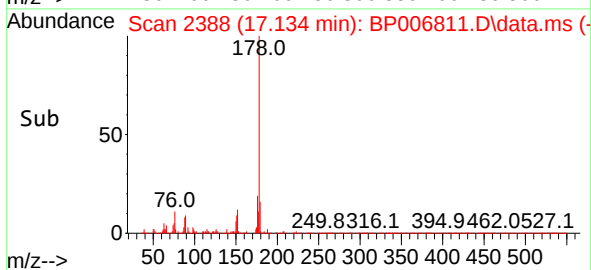
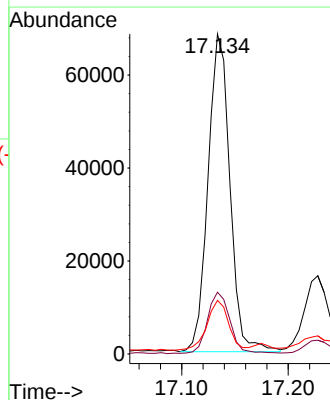
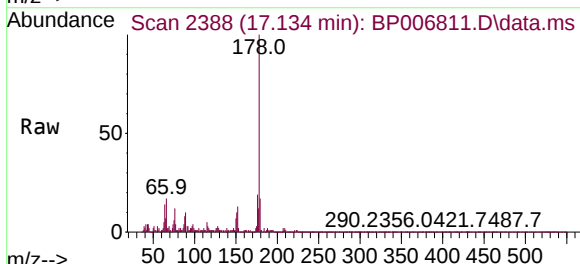
Instrument :
BNA_P
ClientSampleId :

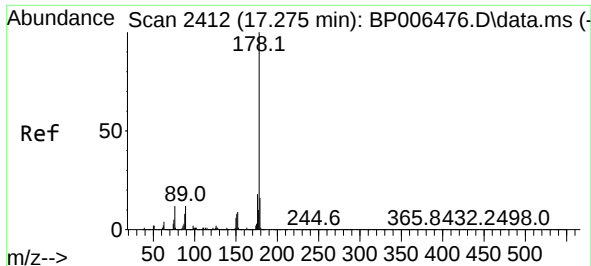
Tgt Ion:188 Resp: 696402
Ion Ratio Lower Upper
188 100
94 10.6 5.6 8.4#
80 12.9 6.3 9.5#



#71
Phenanthrene
Concen: 2.488 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:178 Resp: 97743
Ion Ratio Lower Upper
178 100
176 19.3 15.1 22.7
179 16.7 12.4 18.6

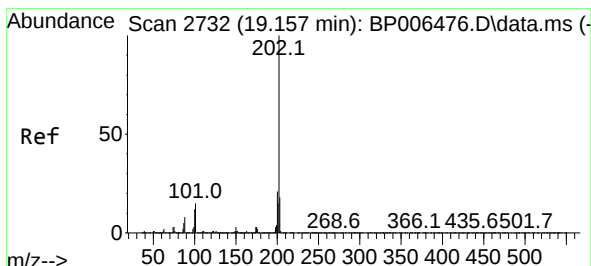
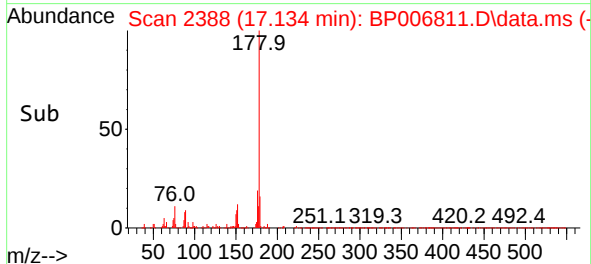
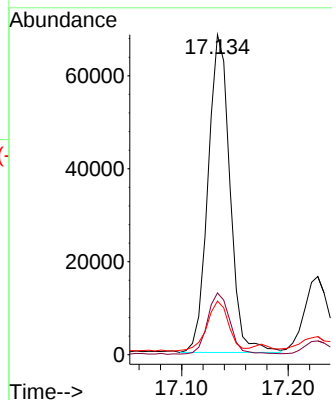
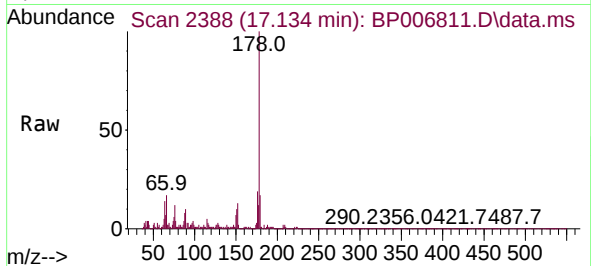




#72
 Anthracene
 Concen: 2.575 ng
 RT: 17.134 min Scan# 2388
 Delta R.T. -0.100 min
 Lab File: BP006811.D
 Acq: 20 Aug 2021 21:28

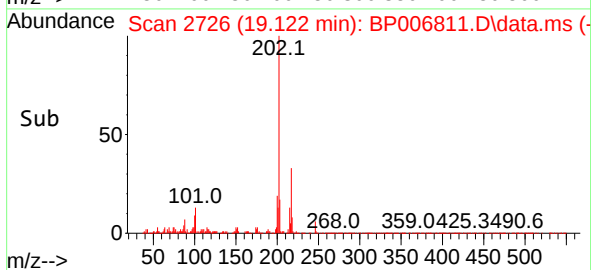
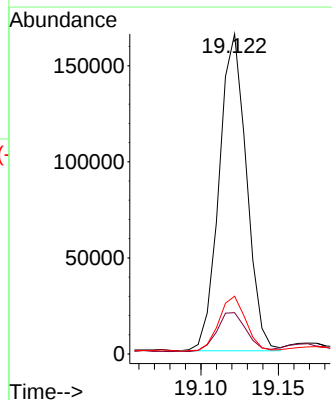
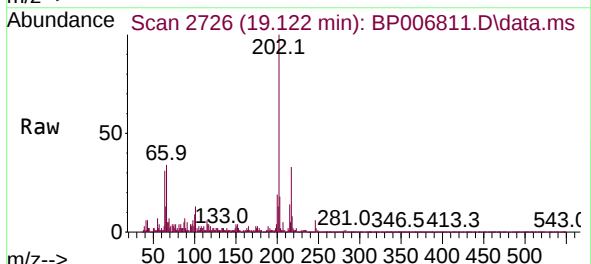
Instrument :
 BNA_P
 ClientSampleId :

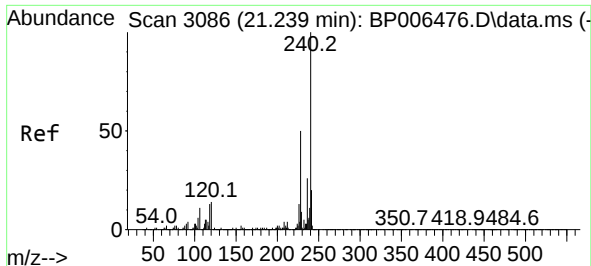
Tgt Ion:178 Resp: 97743
 Ion Ratio Lower Upper
 178 100
 176 19.3 14.9 22.3
 179 16.7 12.2 18.2



#75
 Fluoranthene
 Concen: 4.593 ng
 RT: 19.122 min Scan# 2726
 Delta R.T. 0.000 min
 Lab File: BP006811.D
 Acq: 20 Aug 2021 21:28

Tgt Ion:202 Resp: 202499
 Ion Ratio Lower Upper
 202 100
 101 12.9 0.0 27.6
 203 18.1 0.0 37.8

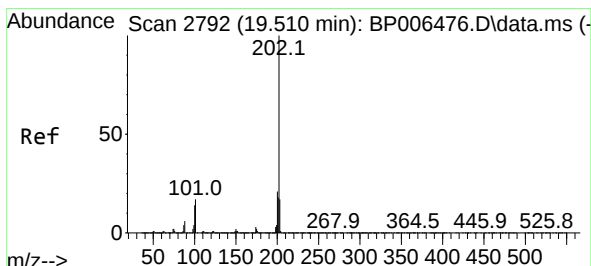
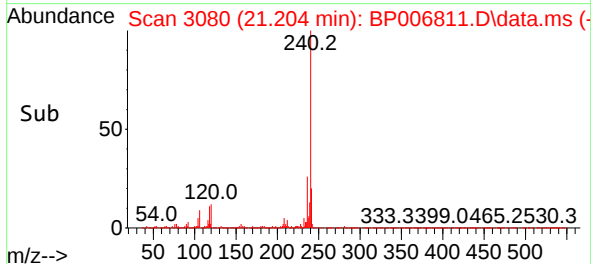
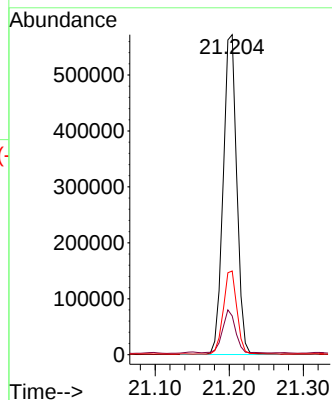
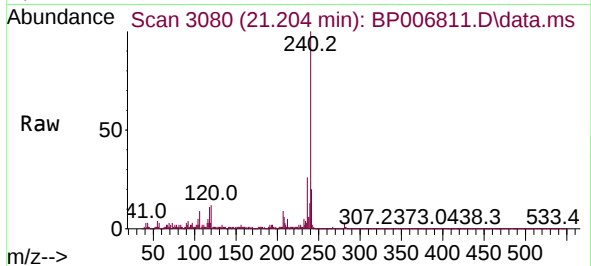




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

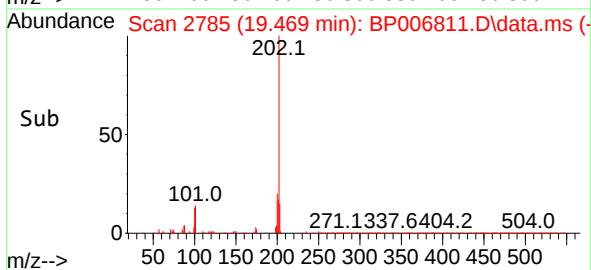
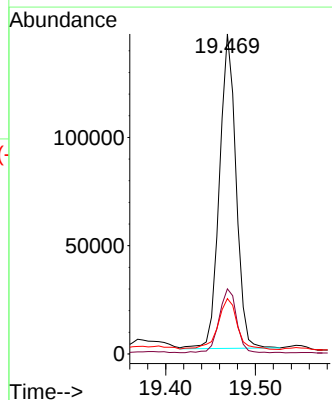
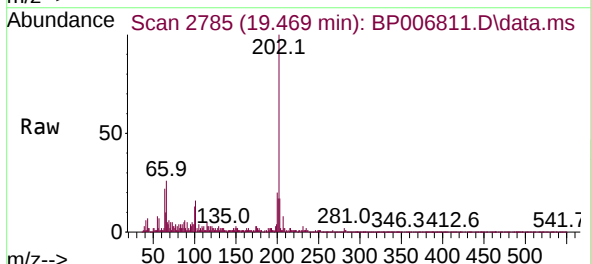
Instrument :
BNA_P
ClientSampleId :

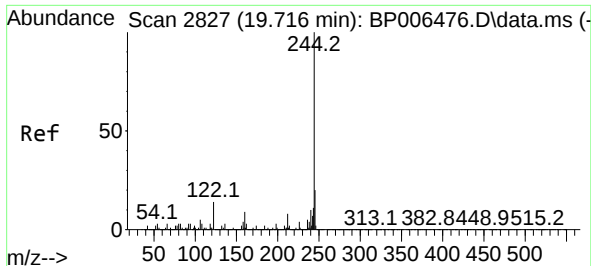
Tgt Ion:240 Resp: 728949
Ion Ratio Lower Upper
240 100
120 12.1 6.5 9.7#
236 26.1 20.6 31.0



#78
Pyrene
Concen: 3.832 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:202 Resp: 186602
Ion Ratio Lower Upper
202 100
200 20.4 16.3 24.5
203 17.3 14.2 21.2

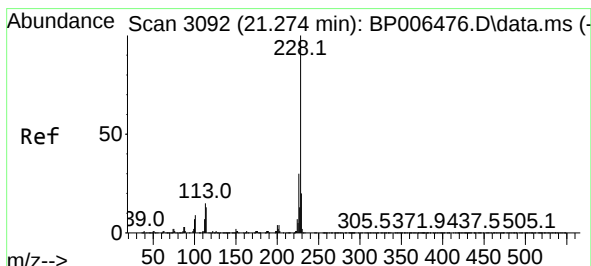
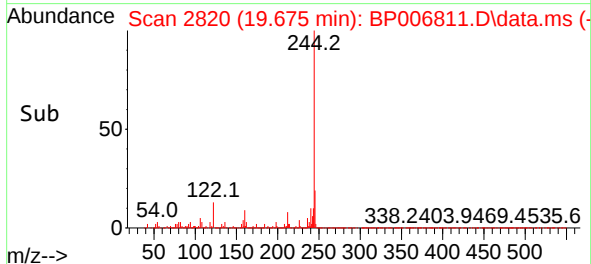
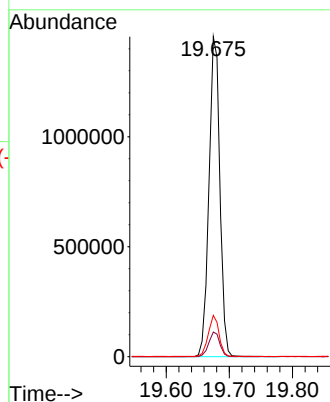
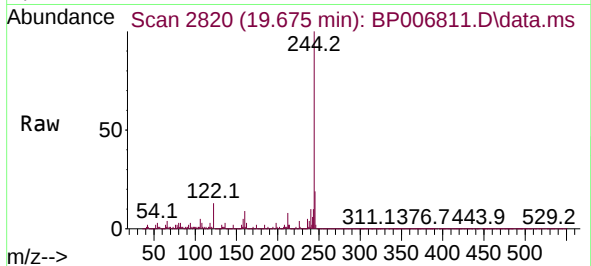




#79
Terphenyl-d14
Concen: 48.009 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

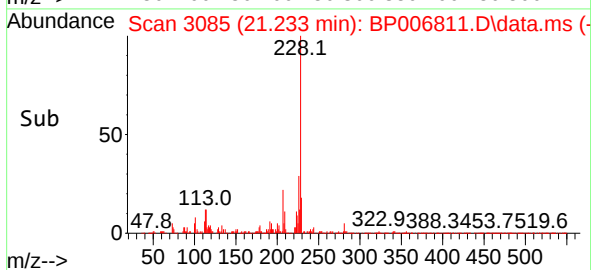
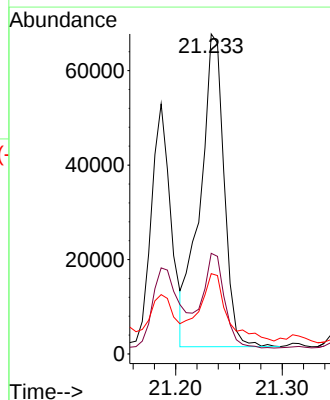
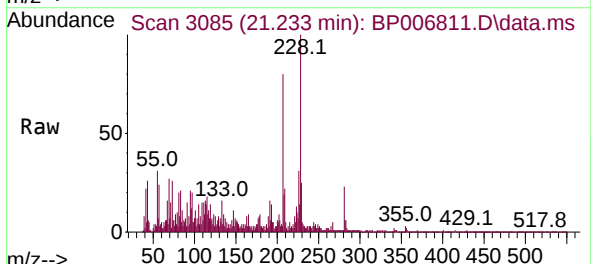
Instrument :
BNA_P
ClientSampleId :

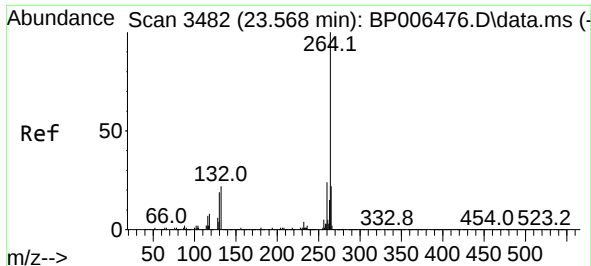
Tgt Ion:244 Resp: 1746493
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 12.9 7.1 10.7#



#83
Chrysene
Concen: 2.249 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.012 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:228 Resp: 103866
Ion Ratio Lower Upper
228 100
226 31.5 23.8 35.6
229 25.1 15.4 23.2#

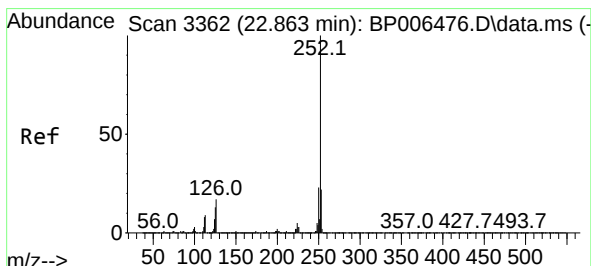
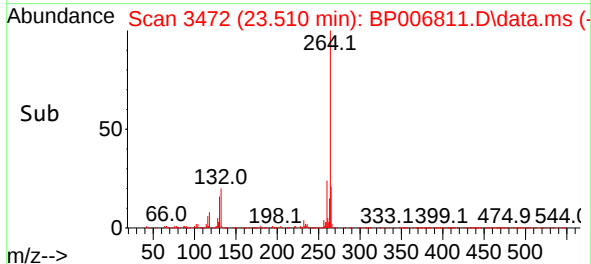
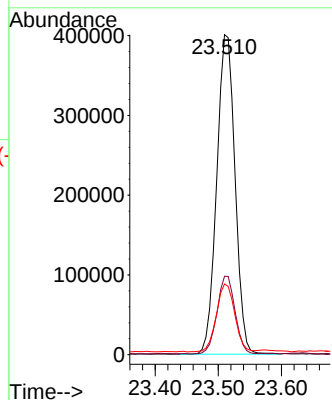
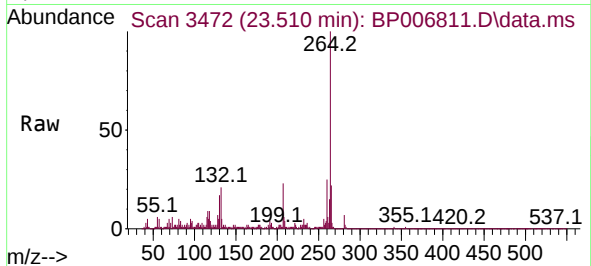




#86
Perylene-d12
Concen: 20.000 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

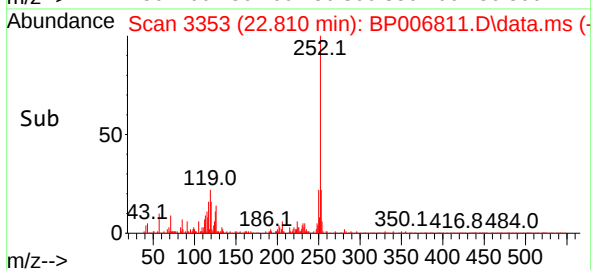
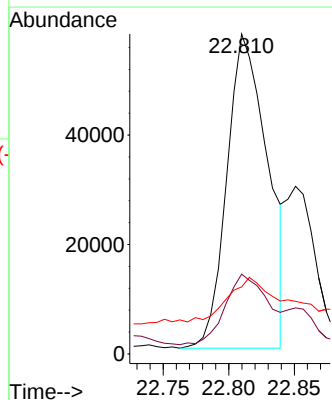
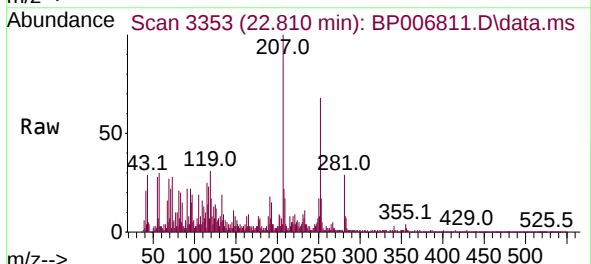
Instrument :
BNA_P
ClientSampleId :

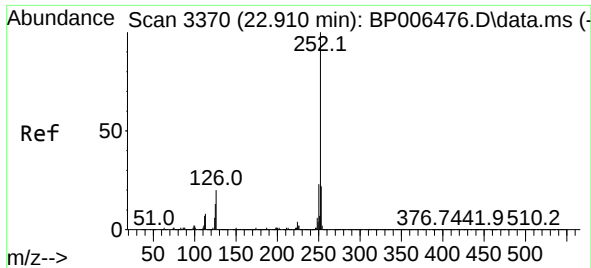
Tgt Ion:264 Resp: 807068
Ion Ratio Lower Upper
264 100
260 24.5 18.6 28.0
265 22.1 17.6 26.4



#88
Benzo(b)fluoranthene
Concen: 2.360 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP006811.D
Acq: 20 Aug 2021 21:28

Tgt Ion:252 Resp: 123786
Ion Ratio Lower Upper
252 100
253 25.0 17.5 26.3
125 21.0 6.2 9.4#





#89

Benzo(k)fluoranthene

Concen: 2.458 ng

RT: 22.810 min Scan# 3353

Delta R.T. -0.053 min

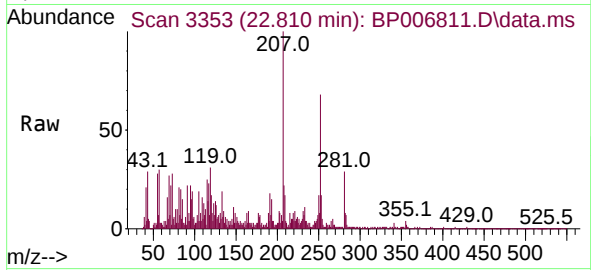
Lab File: BP006811.D

Acq: 20 Aug 2021 21:28

Instrument :

BNA_P

ClientSampleId :



Tgt Ion:252 Resp: 123786

Ion Ratio Lower Upper

252 100

253 25.0 17.6 26.4

125 21.0 6.0 9.0#

