

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006815.D
 Acq On : 20 Aug 2021 23:46
 Operator : CG/JU
 Sample : M3434-39
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 01:00:47 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)

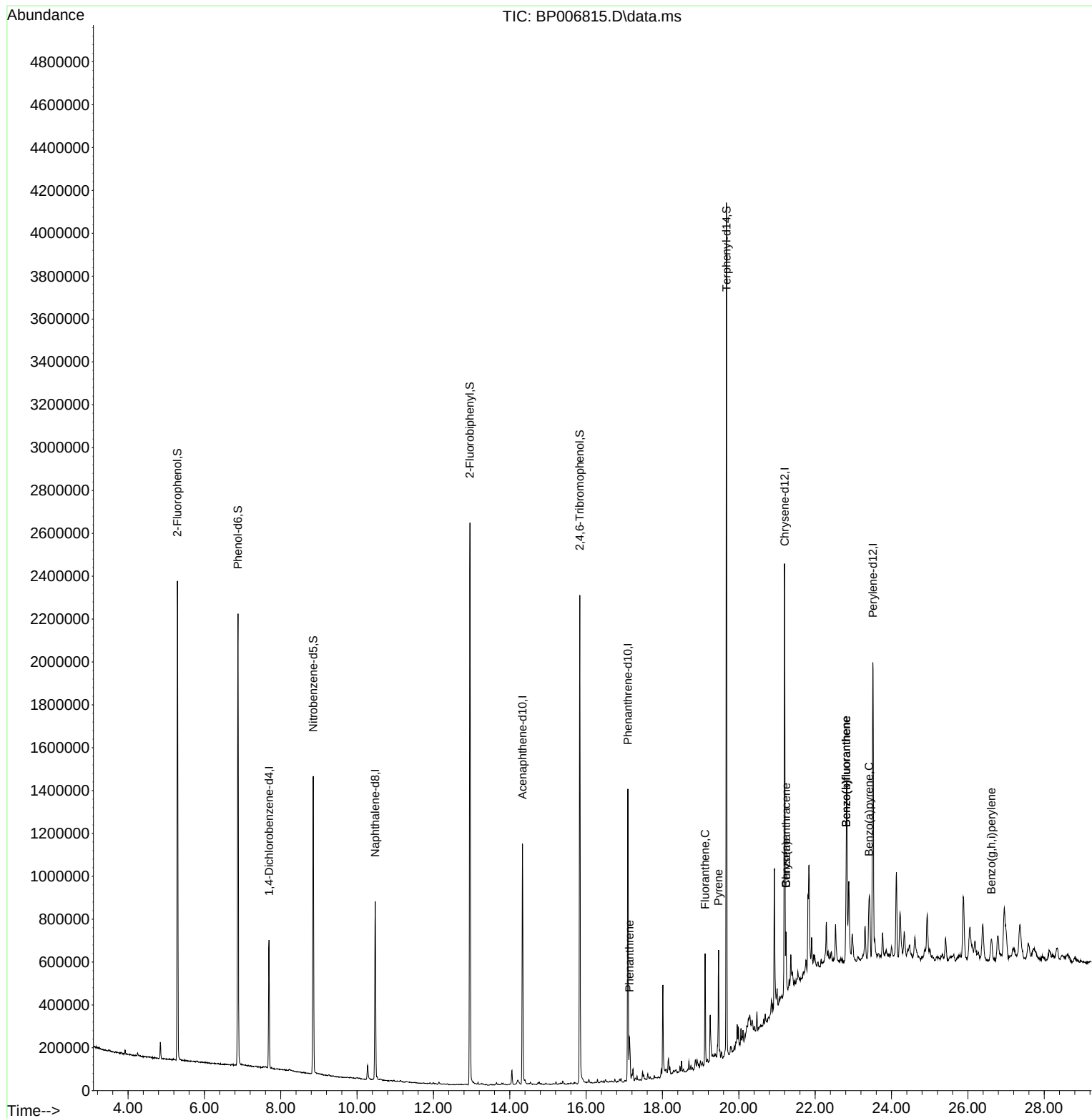
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	153855	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	650716	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	365200	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	737923	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	806998	20.000	ng	# 0.00
86) Perylene-d12	23.510	264	899650	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	940285	93.869	ng	0.00
7) Phenol-d6	6.881	99	1172948	82.432	ng	0.00
23) Nitrobenzene-d5	8.852	82	825295	58.541	ng	0.00
42) 2,4,6-Tribromophenol	15.834	330	350382	91.801	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1260312	51.632	ng	0.00
79) Terphenyl-d14	19.675	244	1613151	40.055	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.134	178	105856	2.543	ng	100
75) Fluoranthene	19.116	202	269272	5.764	ng	95
78) Pyrene	19.469	202	256161	4.752	ng	99
81) Benzo(a)anthracene	21.239	228	141364	2.680	ng	96
83) Chrysene	21.239	228	141364	2.765	ng	98
88) Benzo(b)fluoranthene	22.810	252	208997	3.574	ng	# 93
89) Benzo(k)fluoranthene	22.810	252	208997	3.723	ng	# 93
90) Benzo(a)pyrene	23.410	252	144970	2.764	ng	# 92
92) Benzo(g,h,i)perylene	26.615	276	126639	2.343	ng	# 91

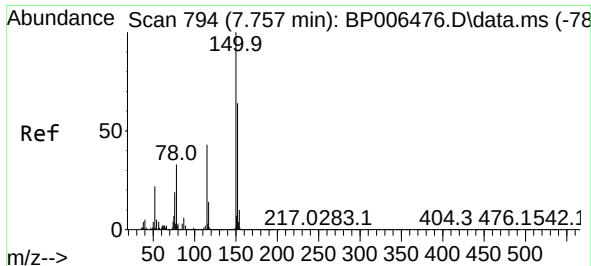
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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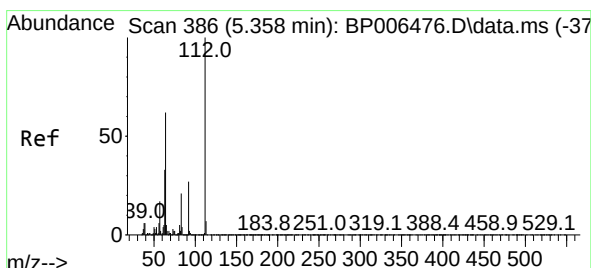
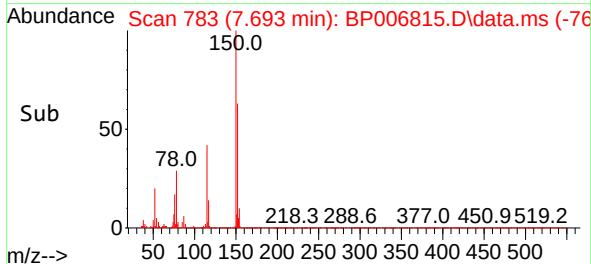
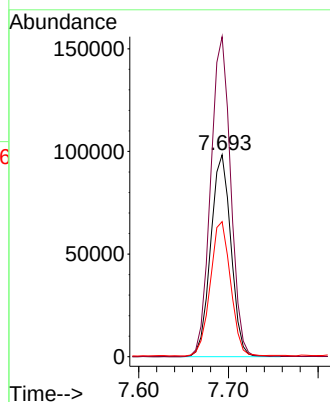
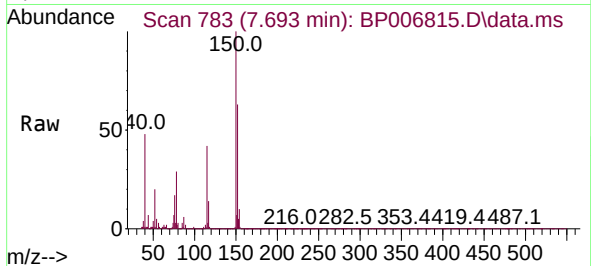




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

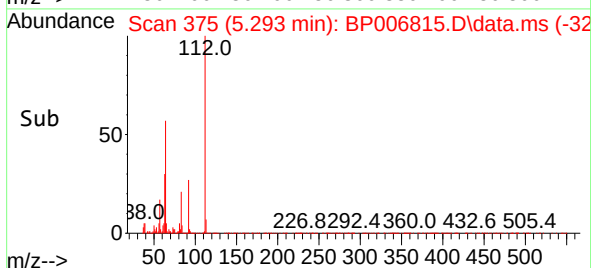
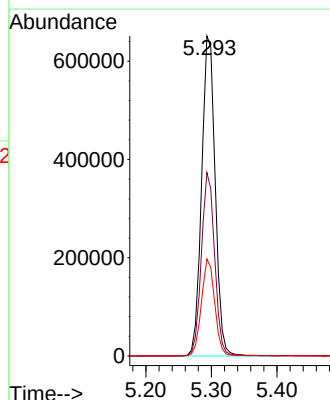
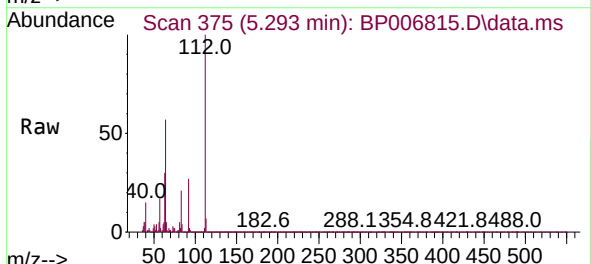
Instrument :
BNA_P
ClientSampleId :

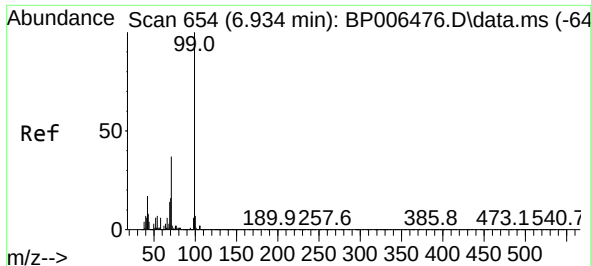
Tgt Ion:152 Resp: 153855
Ion Ratio Lower Upper
152 100
150 158.5 125.6 188.4
115 66.9 48.5 72.7



#5
2-Fluorophenol
Concen: 93.869 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:112 Resp: 940285
Ion Ratio Lower Upper
112 100
64 57.3 41.4 62.2
63 30.3 23.8 35.8

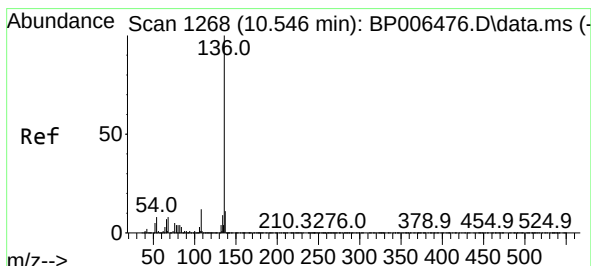
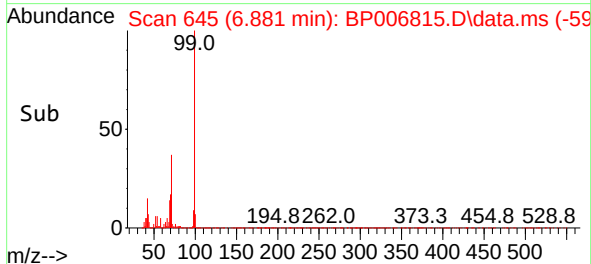
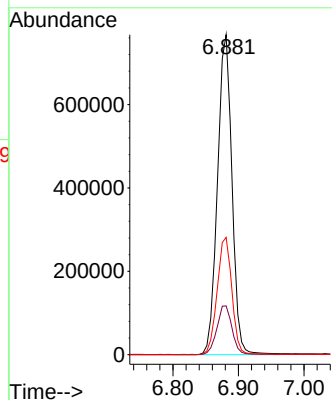
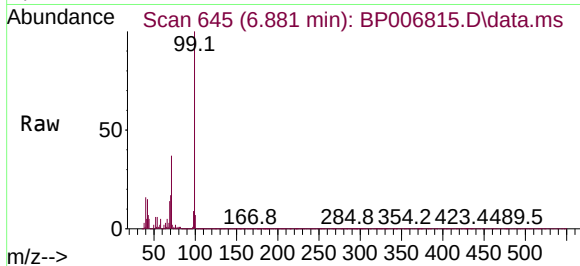




#7
Phenol-d6
Concen: 82.432 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

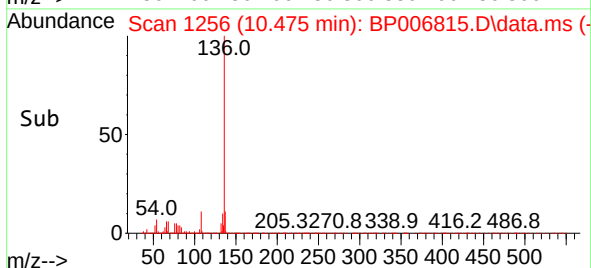
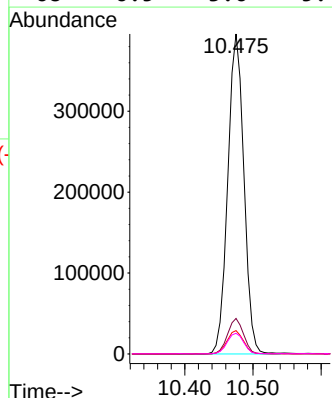
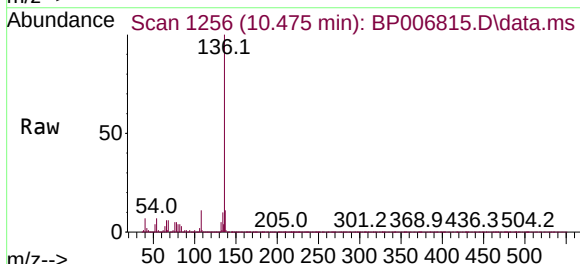
Instrument :
BNA_P
ClientSampleId :

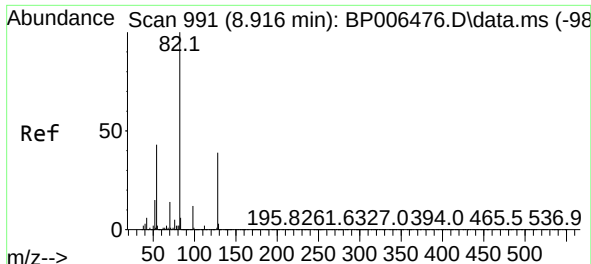
Tgt Ion: 99 Resp: 1172948
Ion Ratio Lower Upper
99 100
42 15.2 13.4 20.0
71 36.6 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion: 136 Resp: 650716
Ion Ratio Lower Upper
136 100
137 11.1 8.6 12.8
54 7.3 4.6 6.8#
68 6.5 3.6 5.4#

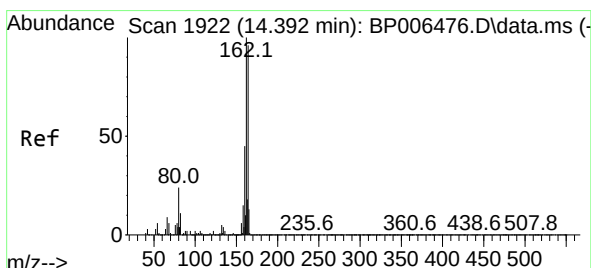
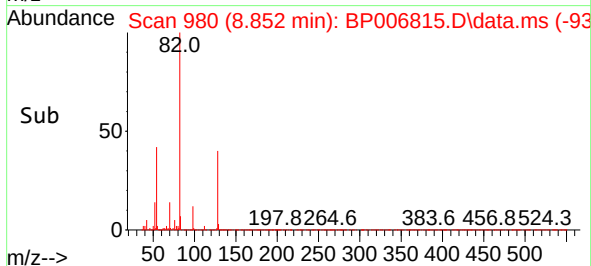
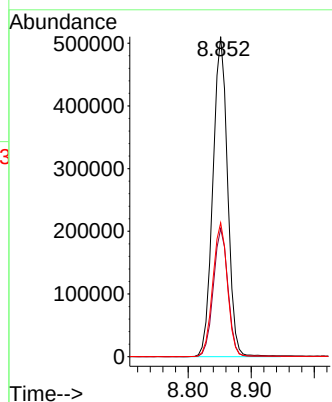
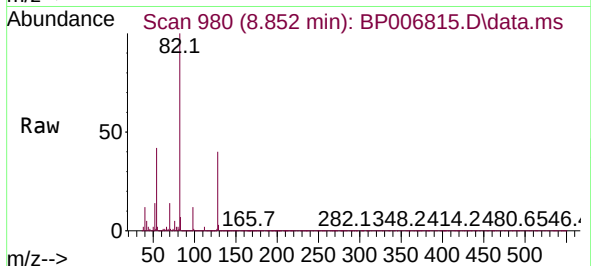




#23
Nitrobenzene-d5
Concen: 58.541 ng
RT: 8.852 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

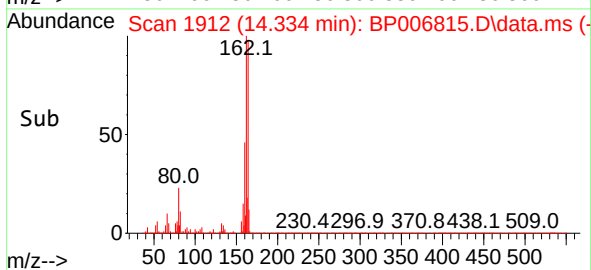
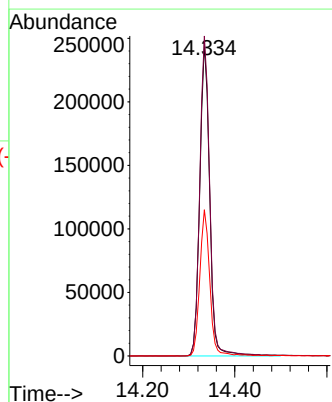
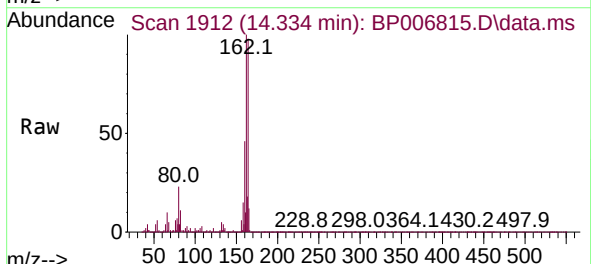
Instrument :
BNA_P
ClientSampleId :

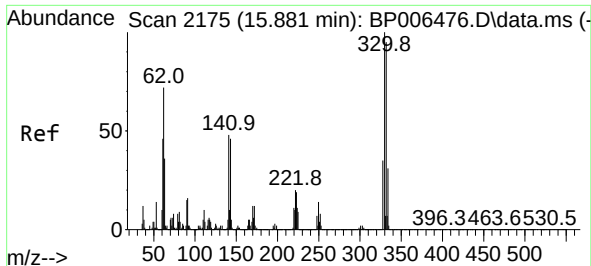
Tgt Ion: 82 Resp: 825295
Ion Ratio Lower Upper
82 100
128 40.0 35.7 53.5
54 41.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion: 164 Resp: 365200
Ion Ratio Lower Upper
164 100
162 102.6 80.2 120.2
160 46.9 34.5 51.7

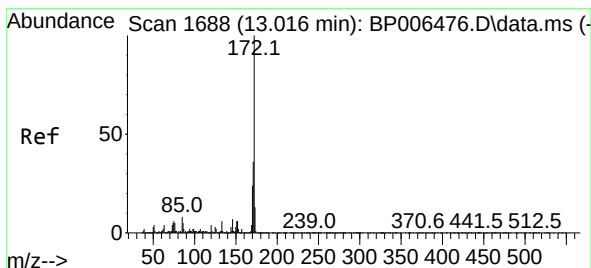
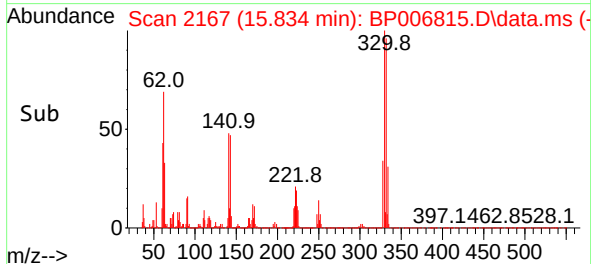
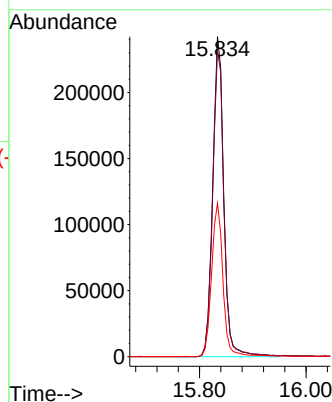
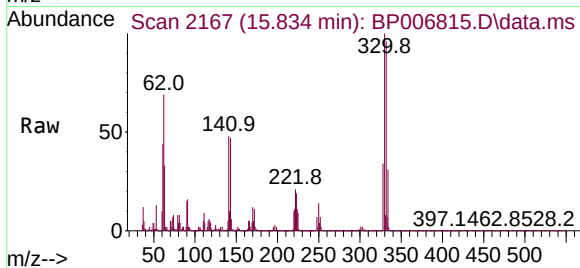




#42
2,4,6-Tribromophenol
Concen: 91.801 ng
RT: 15.834 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

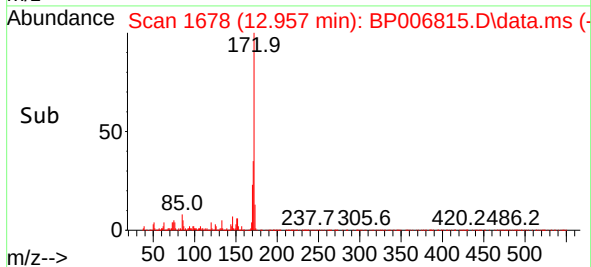
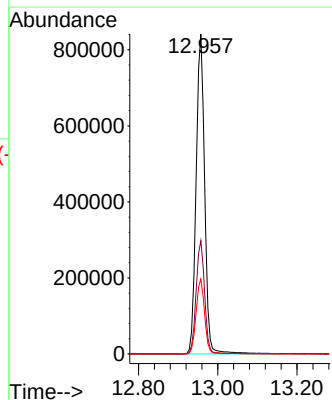
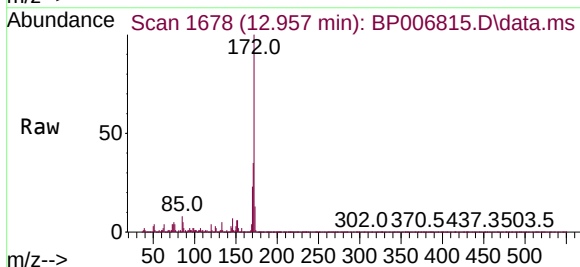
Instrument :
BNA_P
ClientSampleId :

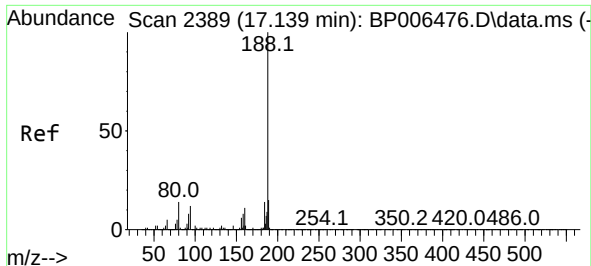
Tgt Ion:330 Resp: 350382
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 49.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 51.632 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:172 Resp: 1260312
Ion Ratio Lower Upper
172 100
171 35.4 27.9 41.9
170 23.5 18.6 27.8

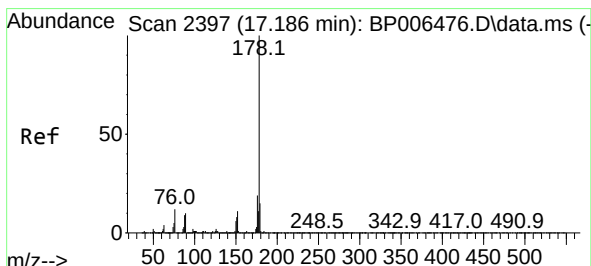
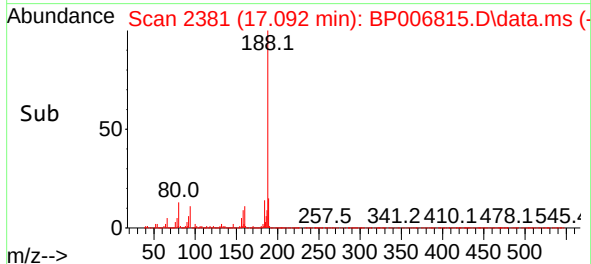
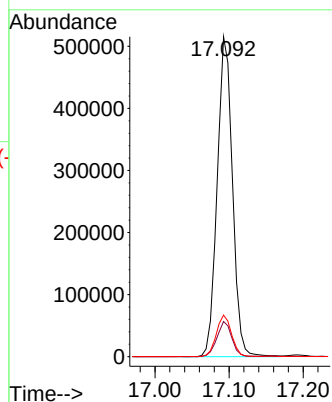
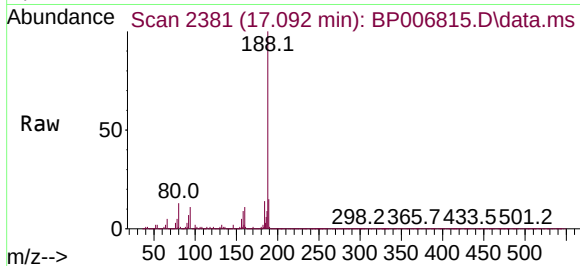




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

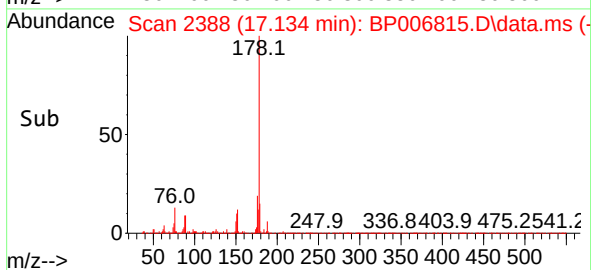
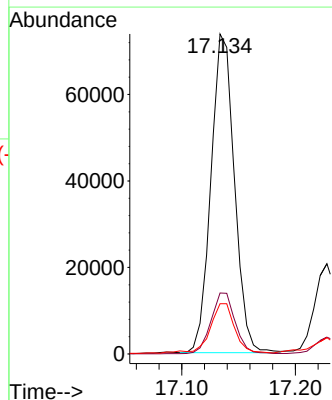
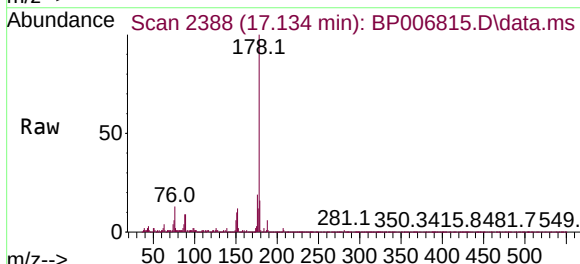
Instrument :
BNA_P
ClientSampleId :

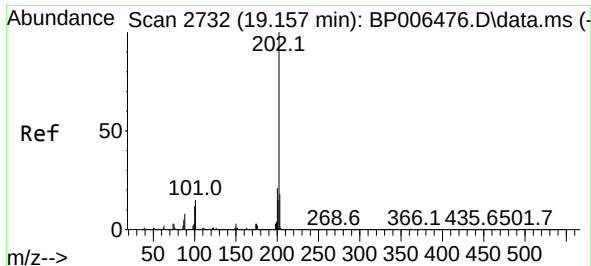
Tgt Ion:188 Resp: 737923
Ion Ratio Lower Upper
188 100
94 11.0 5.6 8.4#
80 13.0 6.3 9.5#



#71
Phenanthrene
Concen: 2.543 ng
RT: 17.134 min Scan# 2388
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:178 Resp: 105856
Ion Ratio Lower Upper
178 100
176 19.0 15.1 22.7
179 15.7 12.4 18.6

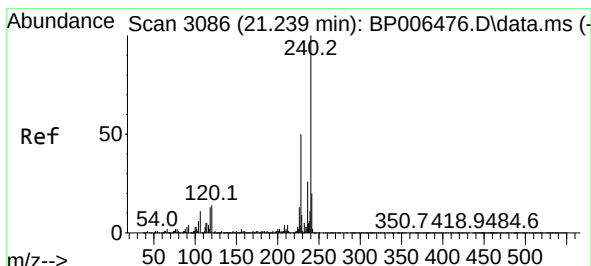
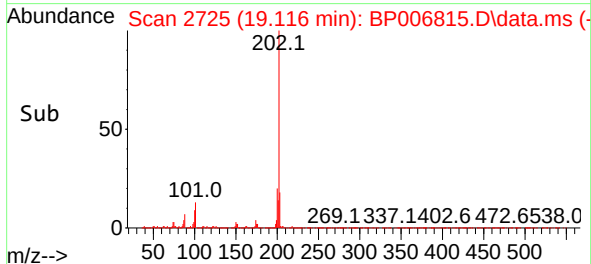
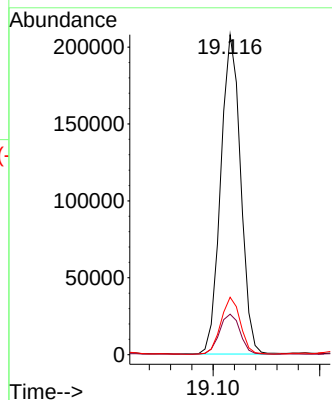
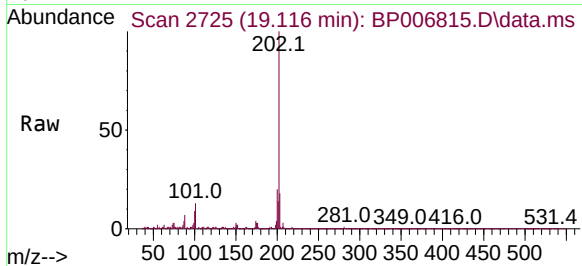




#75
Fluoranthene
Concen: 5.764 ng
RT: 19.116 min Scan# 2725
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

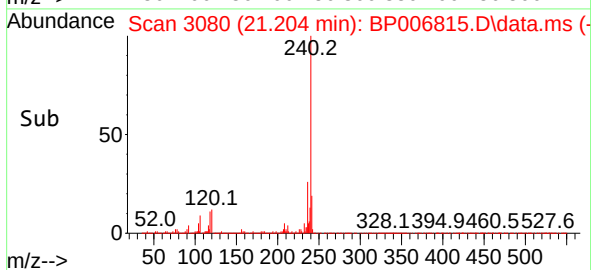
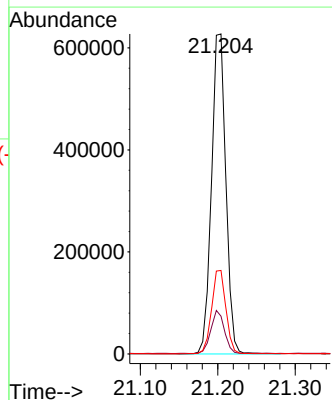
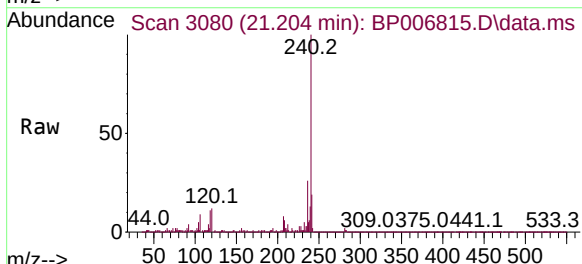
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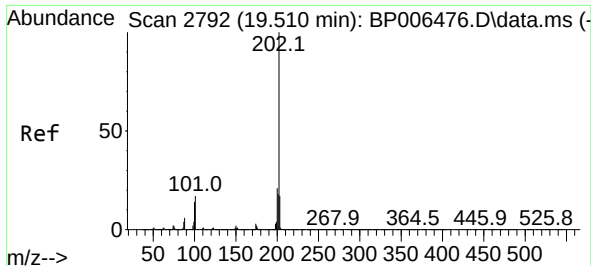
Tgt Ion:202 Resp: 269272
Ion Ratio Lower Upper
202 100
101 12.6 0.0 27.6
203 18.0 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:240 Resp: 806998
Ion Ratio Lower Upper
240 100
120 11.8 6.5 9.7#
236 26.1 20.6 31.0

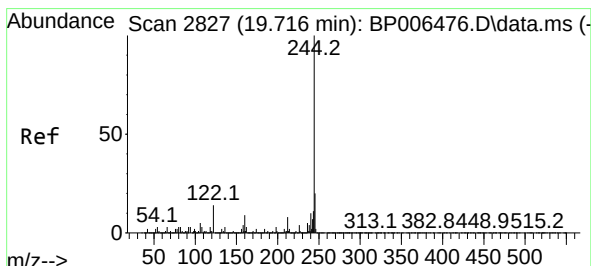
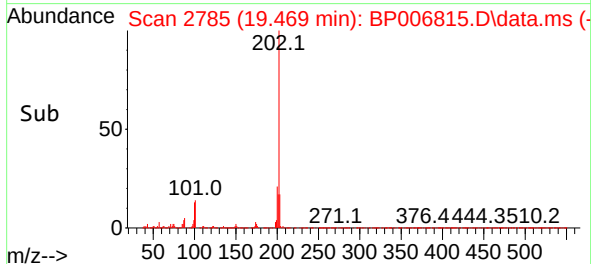
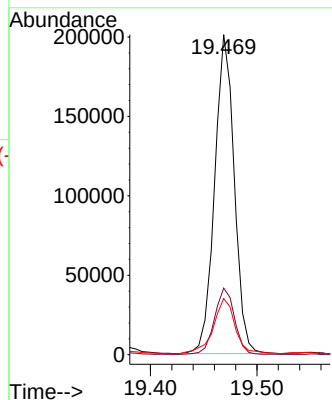
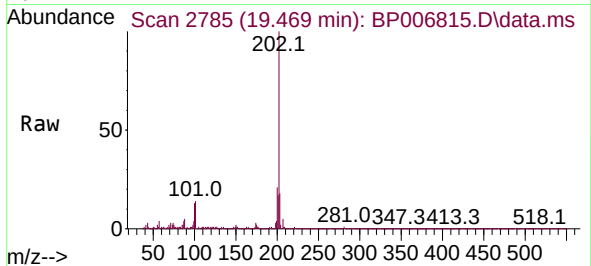




#78
Pyrene
Concen: 4.752 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

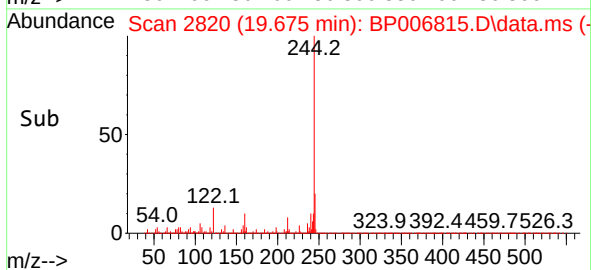
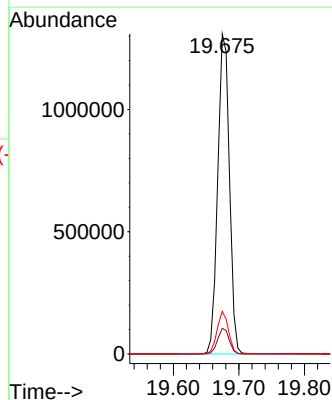
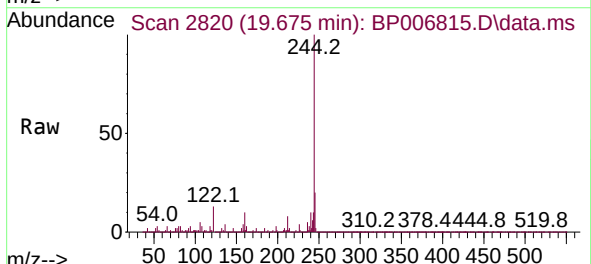
Instrument :
BNA_P
ClientSampleId :

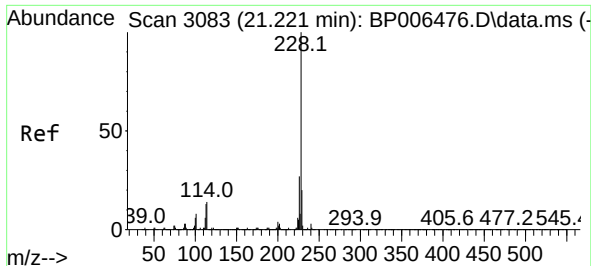
Tgt Ion:202 Resp: 256161
Ion Ratio Lower Upper
202 100
200 20.8 16.3 24.5
203 17.5 14.2 21.2



#79
Terphenyl-d14
Concen: 40.055 ng
RT: 19.675 min Scan# 2820
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:244 Resp: 1613151
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 13.3 7.1 10.7#

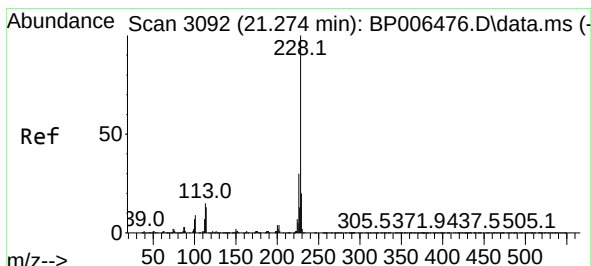
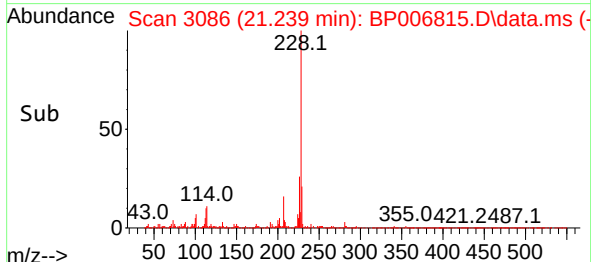
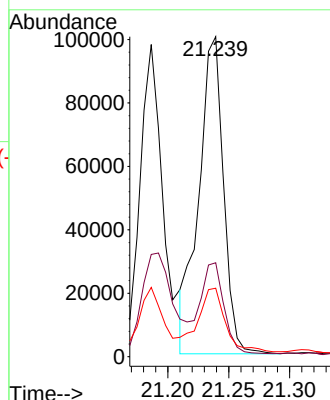
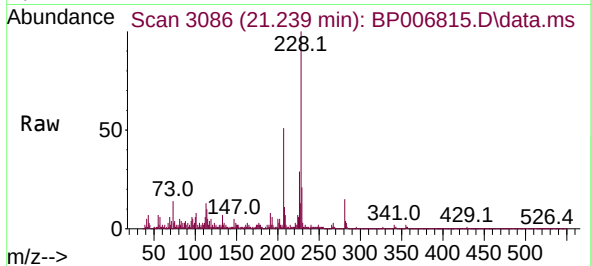




#81
Benzo(a)anthracene
Concen: 2.680 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.047 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

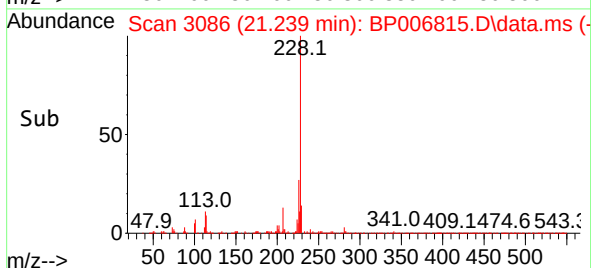
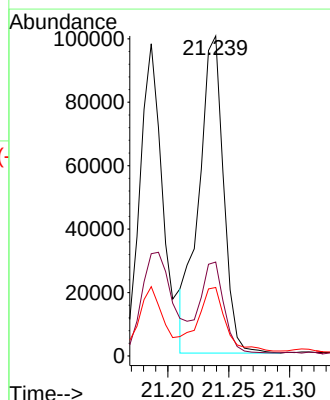
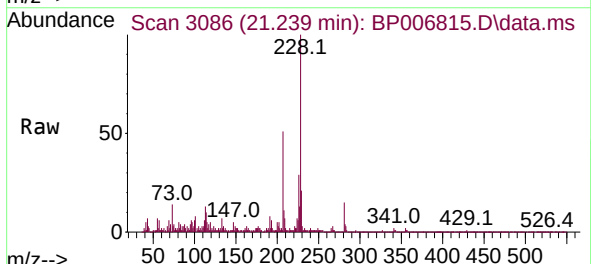
Instrument :
BNA_P
ClientSampleId :

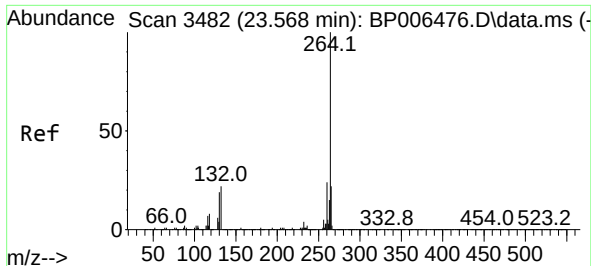
Tgt Ion:228 Resp: 141364
Ion Ratio Lower Upper
228 100
226 29.3 21.6 32.4
229 21.4 15.8 23.6



#83
Chrysene
Concen: 2.765 ng
RT: 21.239 min Scan# 3086
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:228 Resp: 141364
Ion Ratio Lower Upper
228 100
226 29.3 23.8 35.6
229 21.4 15.4 23.2



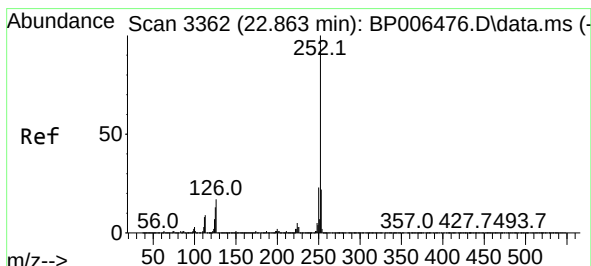
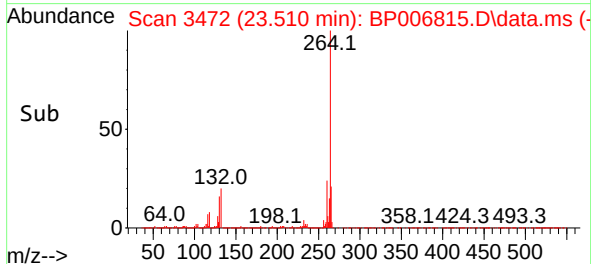
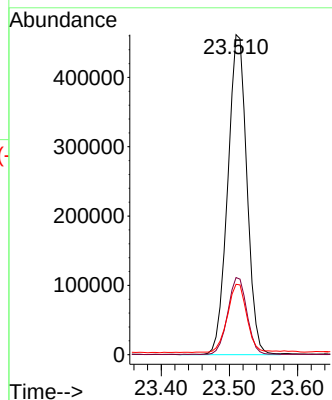
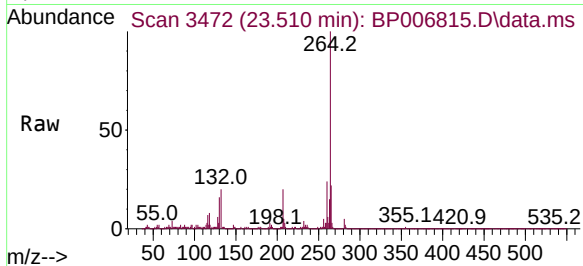


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:264 Resp: 899650

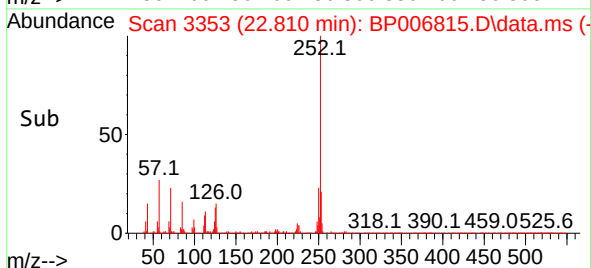
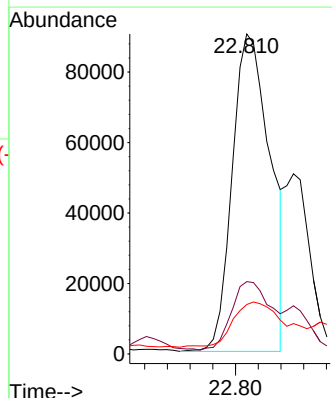
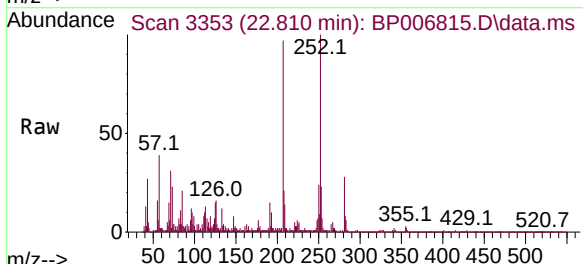
Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	22.0	17.6	26.4

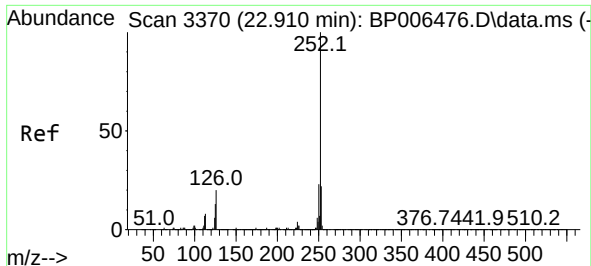


#88
Benzo(b)fluoranthene
Concen: 3.574 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:252 Resp: 208997

Ion	Ratio	Lower	Upper
252	100		
253	22.6	17.5	26.3
125	15.5	6.2	9.4

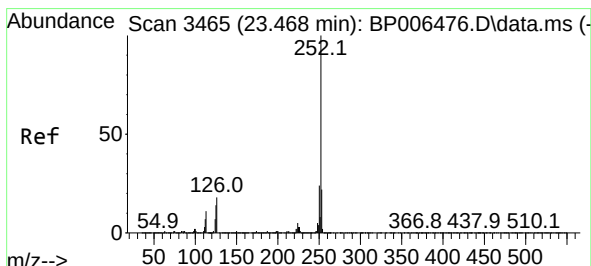
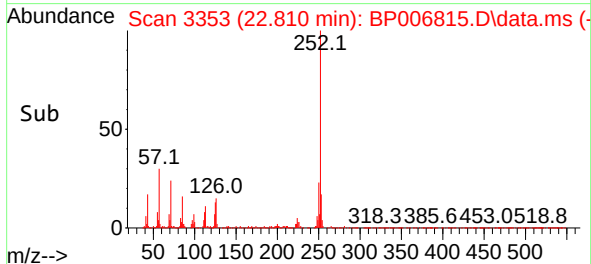
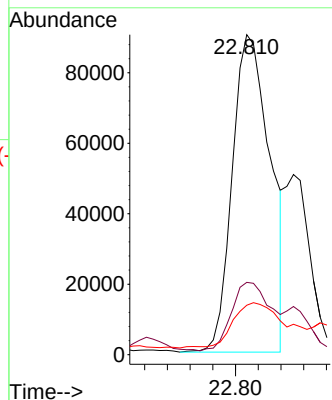
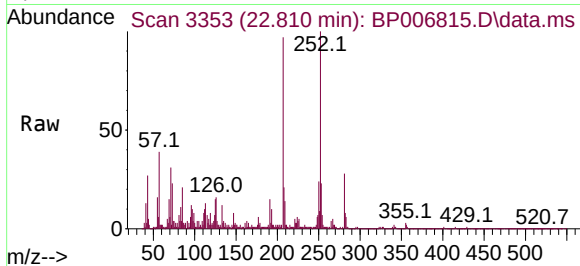




#89
Benzo(k)fluoranthene
Concen: 3.723 ng
RT: 22.810 min Scan# 3353
Delta R.T. -0.053 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

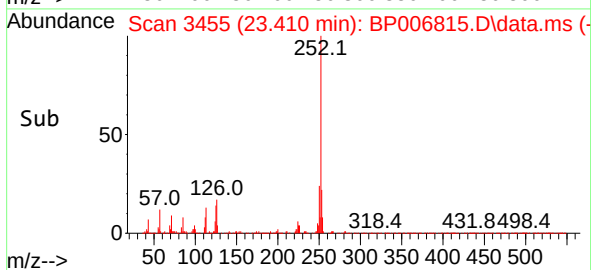
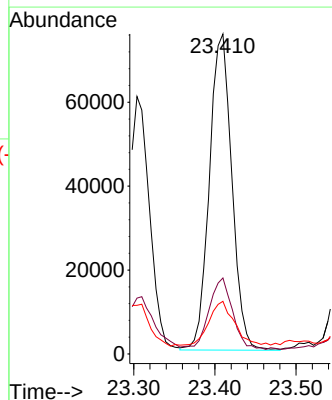
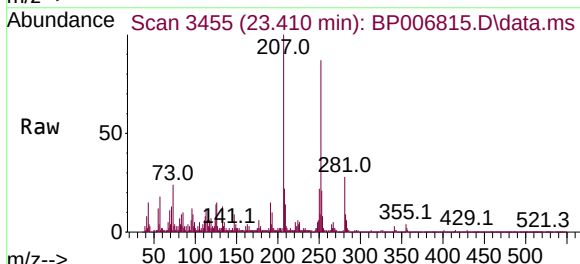
Instrument :
BNA_P
ClientSampled :

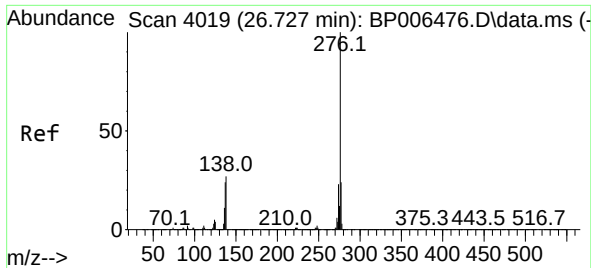
Tgt Ion:252 Resp: 208997
Ion Ratio Lower Upper
252 100
253 22.6 17.6 26.4
125 15.5 6.0 9.0#



#90
Benzo(a)pyrene
Concen: 2.764 ng
RT: 23.410 min Scan# 3455
Delta R.T. -0.006 min
Lab File: BP006815.D
Acq: 20 Aug 2021 23:46

Tgt Ion:252 Resp: 144970
Ion Ratio Lower Upper
252 100
253 23.7 17.9 26.9
125 16.5 6.5 9.7#





#92
 Benzo(g,h,i)perylene
 Concen: 2.343 ng
 RT: 26.615 min Scan# 4000
 Delta R.T. -0.023 min
 Lab File: BP006815.D
 Acq: 20 Aug 2021 23:46

Instrument :
 BNA_P
 ClientSampleId :

Tgt Ion:	276	Resp:	126639
Ion Ratio	Lower	Upper	
276	100		
277	24.1	18.9	28.3
138	24.8	12.6	18.8#

