

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080621\
 Data File : BP006536.D
 Acq On : 06 Aug 2021 13:12
 Operator : CG/JU
 Sample : M3271-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 TP-5

Quant Time: Aug 06 14:25:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 03 15:41:30 2021
 Response via : Initial Calibration

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

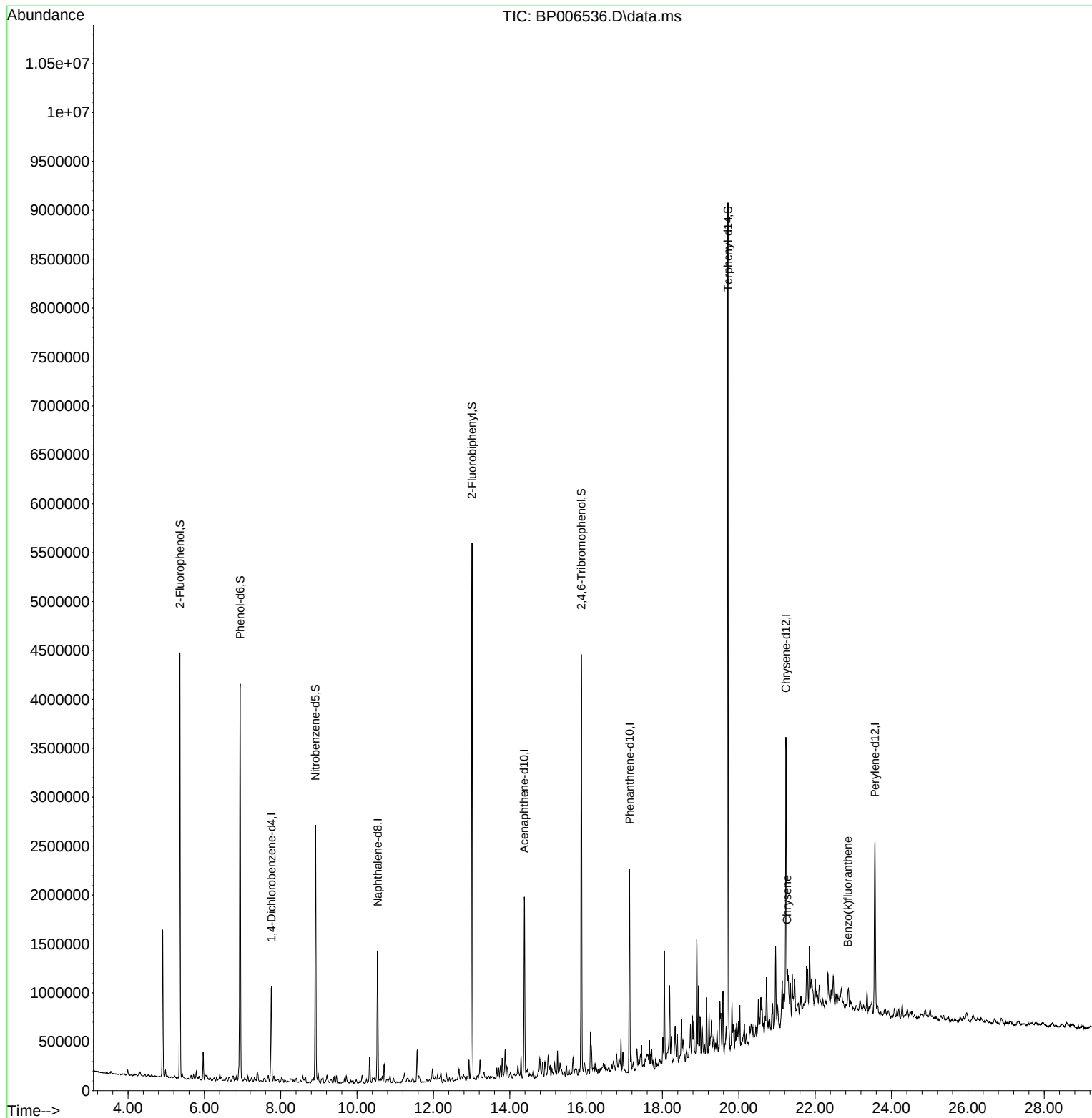
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.758	152	238988	20.000	ng	0.00
21) Naphthalene-d8	10.540	136	1006057	20.000	ng	# 0.00
39) Acenaphthene-d10	14.381	164	569756	20.000	ng	-0.01
64) Phenanthrene-d10	17.139	188	1124802	20.000	ng	# 0.00
76) Chrysene-d12	21.233	240	1083094	20.000	ng	# 0.00
86) Perylene-d12	23.569	264	1178912	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.358	112	1720374	110.566	ng	0.00
7) Phenol-d6	6.940	99	2235089	101.122	ng	0.00
23) Nitrobenzene-d5	8.910	82	1538950	70.606	ng	0.00
42) 2,4,6-Tribromophenol	15.875	330	641158	107.675	ng	0.00
45) 2-Fluorobiphenyl	13.010	172	2515771	66.062	ng	0.00
79) Terphenyl-d14	19.716	244	3487791	64.526	ng	0.00
Target Compounds						
83) Chrysene	21.269	228	348980	5.086	ng	# 82
89) Benzo(k)fluoranthene	22.857	252	148278	2.016	ng	# 87

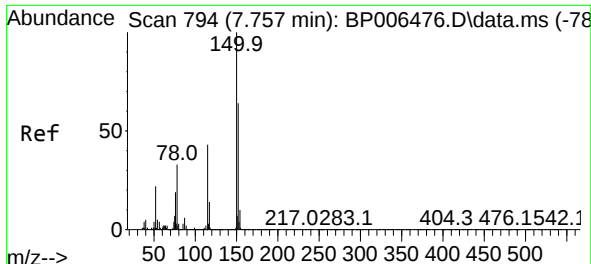
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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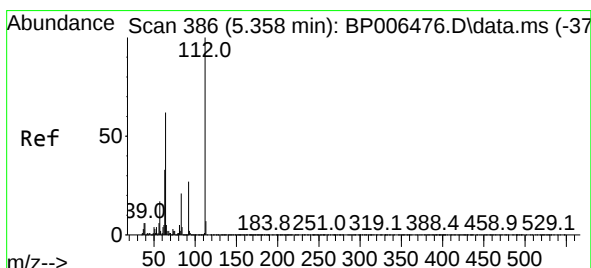
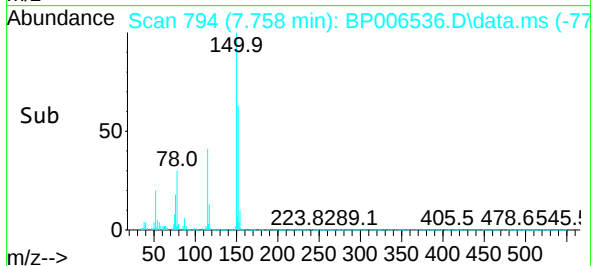
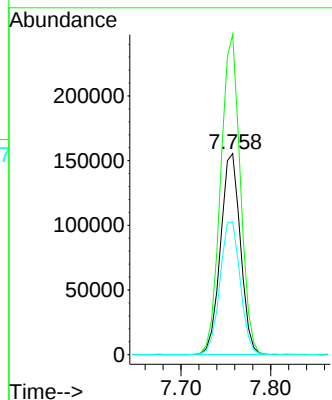
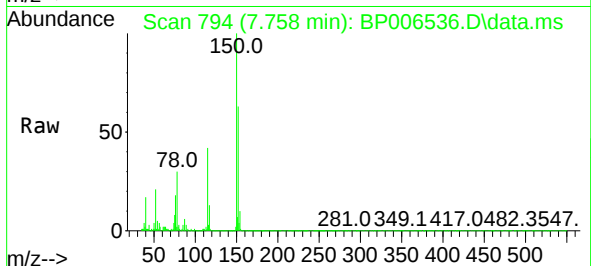




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.758 min Scan# 794
Delta R.T. 0.001 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

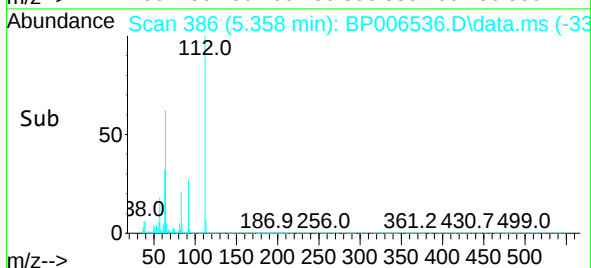
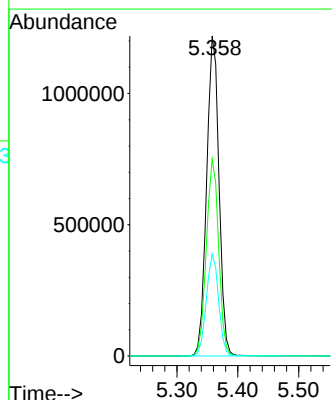
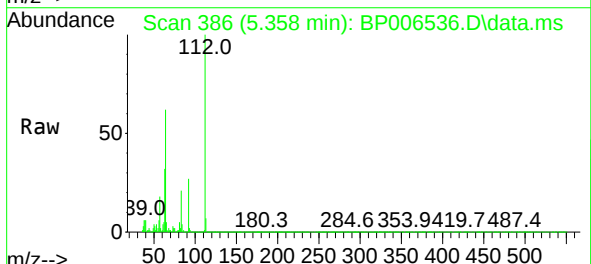
Instrument :
BNA_P
ClientSampled :
TP-5

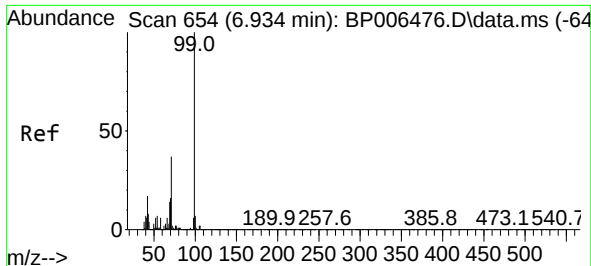
Tgt Ion:152 Resp: 238988
Ion Ratio Lower Upper
152 100
150 159.1 125.6 188.4
115 66.1 48.5 72.7



#5
2-Fluorophenol
Concen: 110.566 ng
RT: 5.358 min Scan# 386
Delta R.T. 0.000 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

Tgt Ion:112 Resp: 1720374
Ion Ratio Lower Upper
112 100
64 61.5 41.4 62.2
63 31.8 23.8 35.8

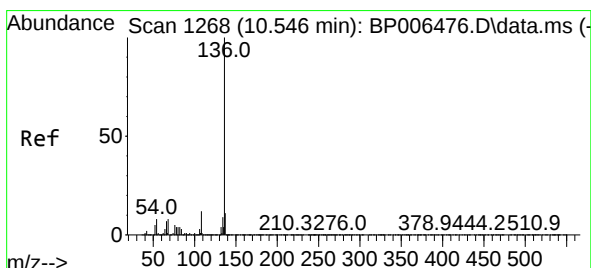
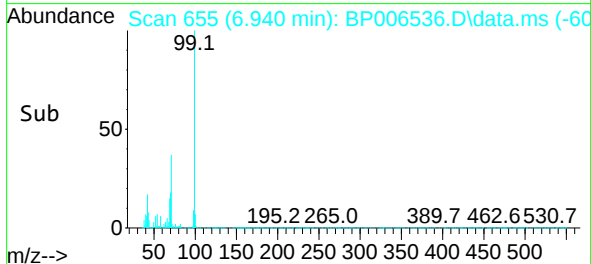
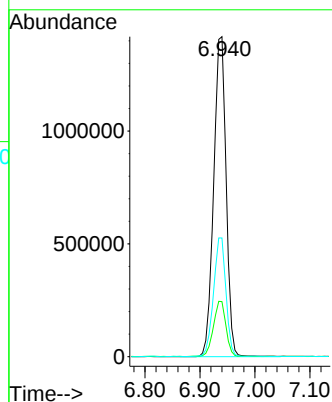
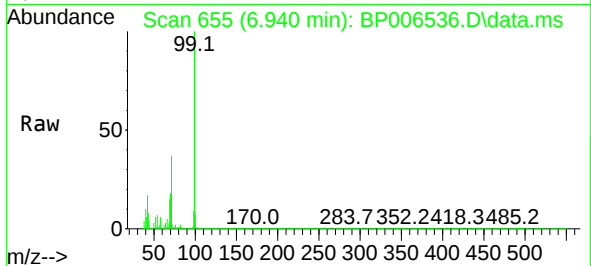




#7
Phenol-d6
Concen: 101.122 ng
RT: 6.940 min Scan# 655
Delta R.T. 0.006 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

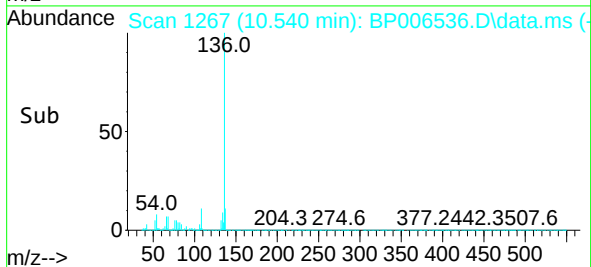
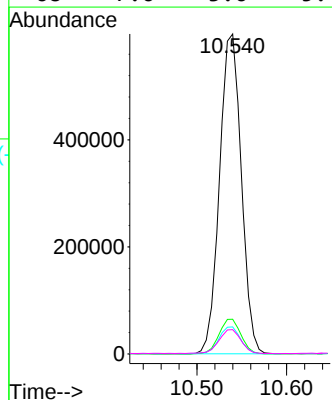
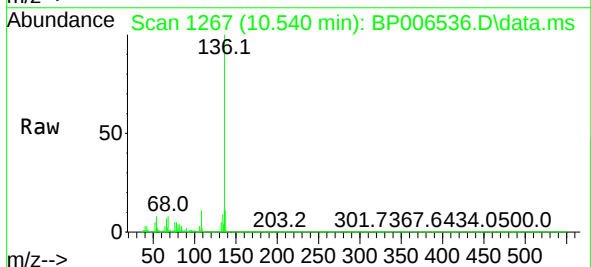
Instrument :
BNA_P
ClientSampled :
TP-5

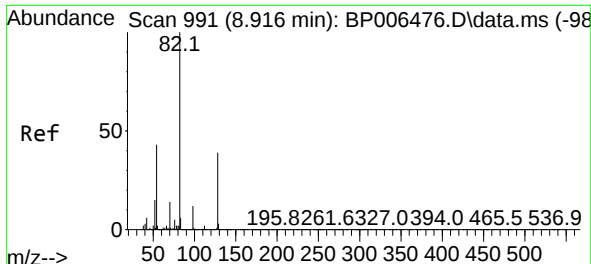
Tgt Ion: 99 Resp: 2235089
Ion Ratio Lower Upper
99 100
42 17.2 13.4 20.0
71 37.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.540 min Scan# 1267
Delta R.T. -0.006 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

Tgt Ion: 136 Resp: 1006057
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.5 4.6 6.8#
68 7.6 3.6 5.4#

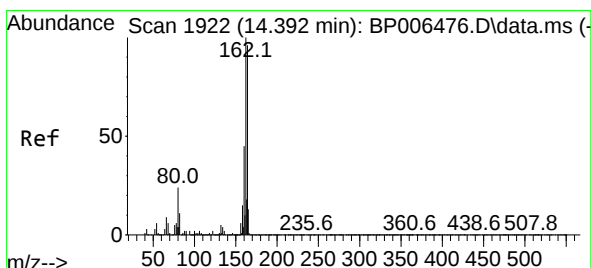
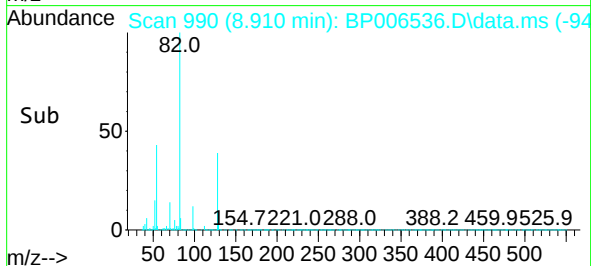
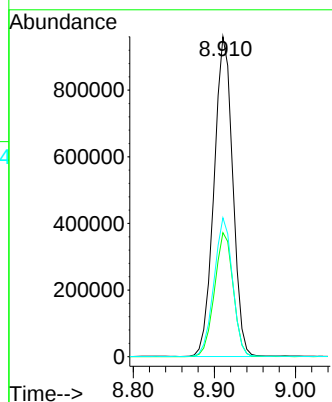
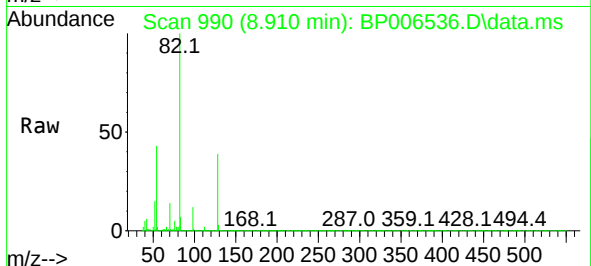




#23
Nitrobenzene-d5
Concen: 70.606 ng
RT: 8.910 min Scan# 990
Delta R.T. -0.006 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

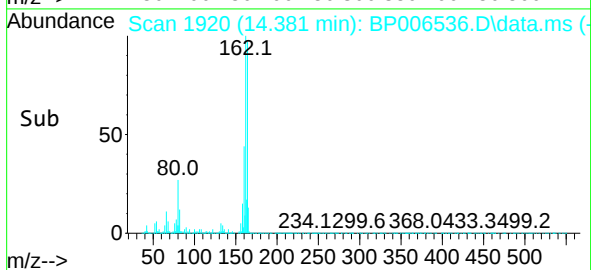
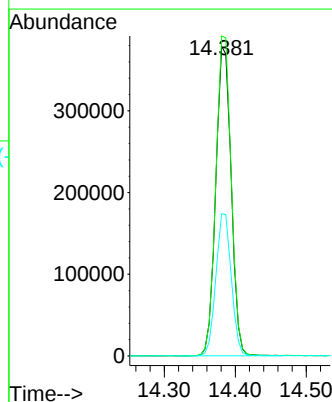
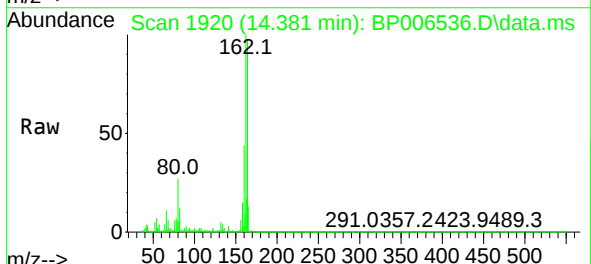
Instrument :
BNA_P
ClientSampleId :
TP-5

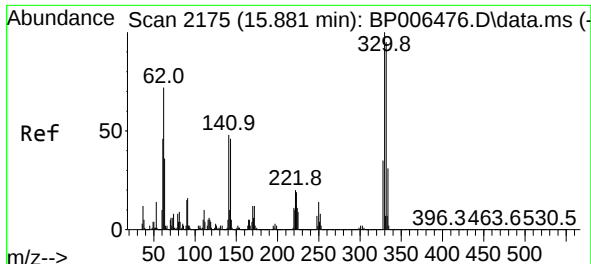
Tgt Ion: 82 Resp: 1538950
Ion Ratio Lower Upper
82 100
128 38.7 35.7 53.5
54 43.4 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.381 min Scan# 1920
Delta R.T. -0.012 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

Tgt Ion:164 Resp: 569756
Ion Ratio Lower Upper
164 100
162 103.3 80.2 120.2
160 45.9 34.5 51.7

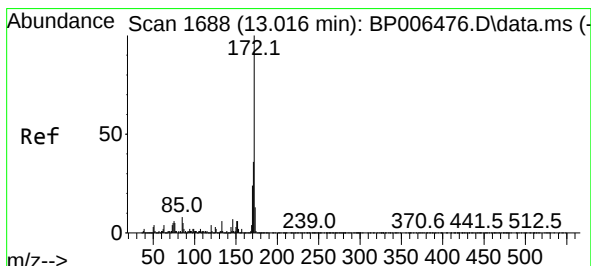
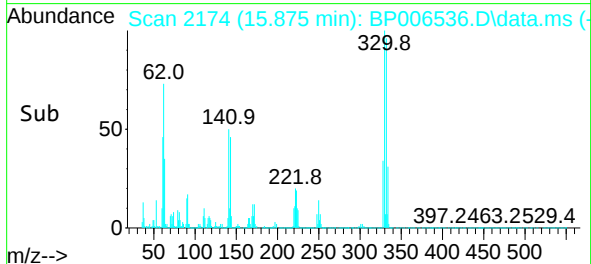
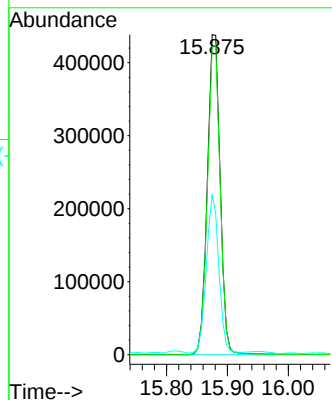
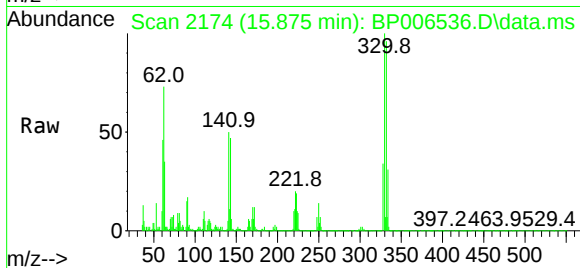




#42
2,4,6-Tribromophenol
Concen: 107.675 ng
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

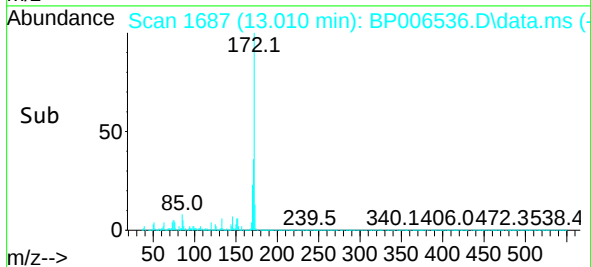
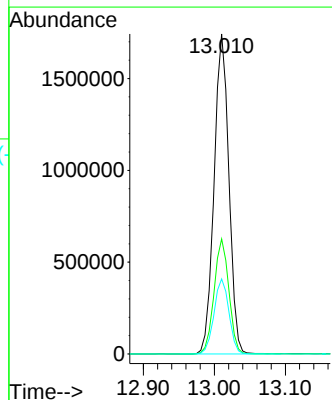
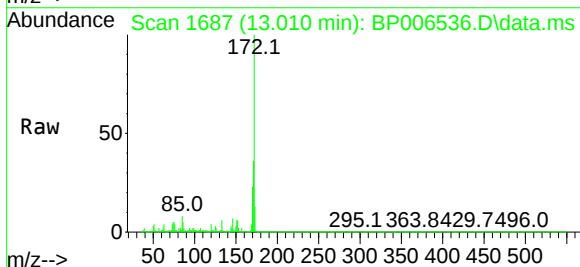
Instrument :
BNA_P
ClientSampleId :
TP-5

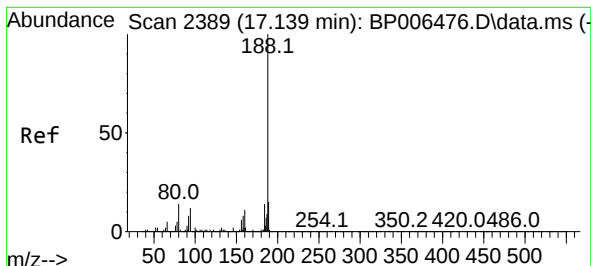
Tgt Ion:330 Resp: 641158
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 48.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 66.062 ng
RT: 13.010 min Scan# 1687
Delta R.T. -0.006 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

Tgt Ion:172 Resp: 2515771
Ion Ratio Lower Upper
172 100
171 35.9 27.9 41.9
170 23.5 18.6 27.8

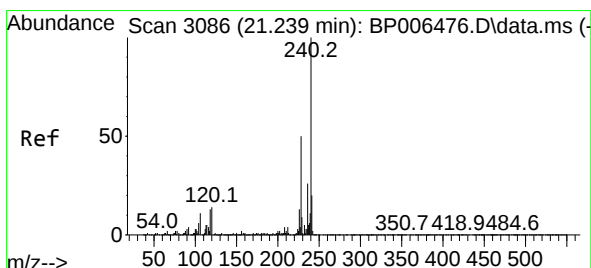
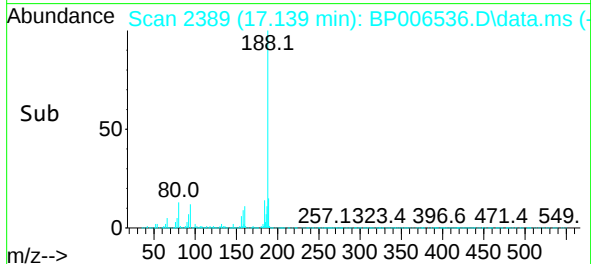
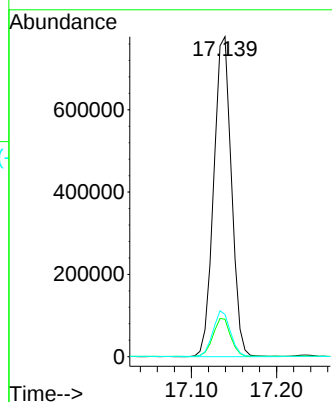
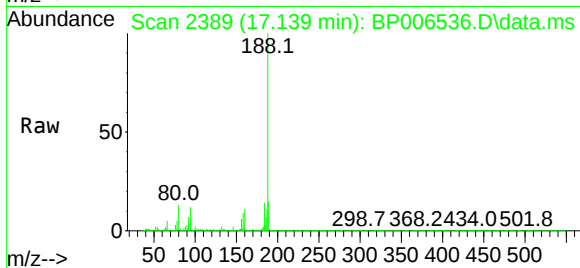




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.139 min Scan# 2389
Delta R.T. 0.000 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

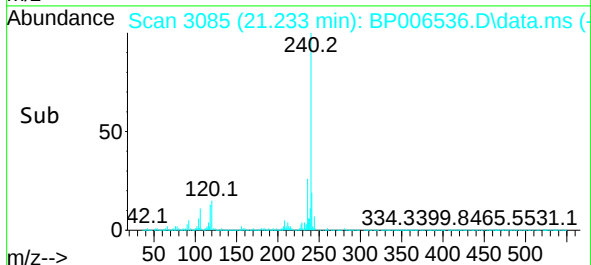
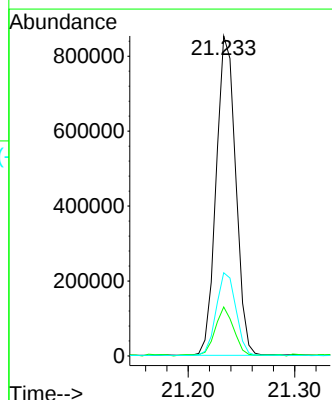
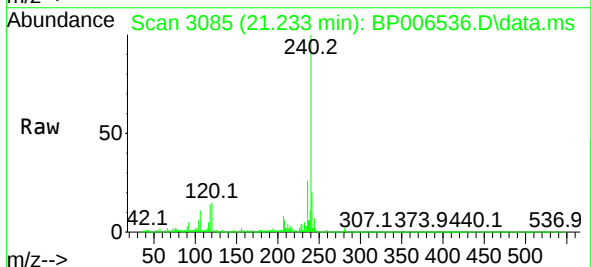
Instrument :
BNA_P
ClientSampled :
TP-5

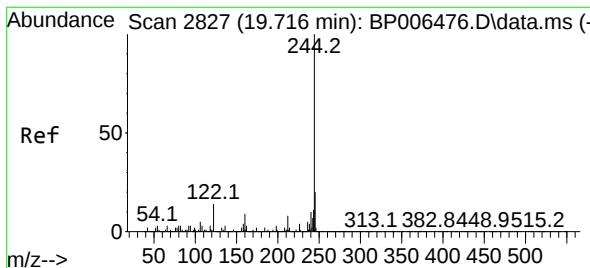
Tgt Ion:188 Resp: 1124802
Ion Ratio Lower Upper
188 100
94 11.7 5.6 8.4#
80 13.2 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.233 min Scan# 3085
Delta R.T. -0.006 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

Tgt Ion:240 Resp: 1083094
Ion Ratio Lower Upper
240 100
120 15.3 6.5 9.7#
236 26.0 20.6 31.0





#79

Terphenyl-d14

Concen: 64.526 ng

RT: 19.716 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP006536.D

Acq: 06 Aug 2021 13:12

Tgt Ion:244 Resp: 3487791

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

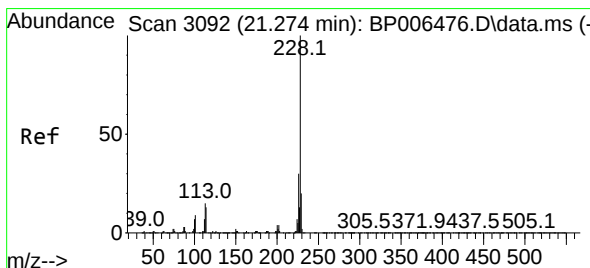
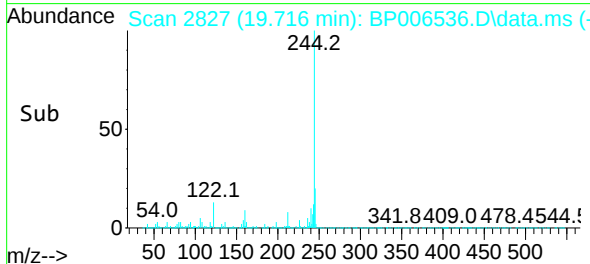
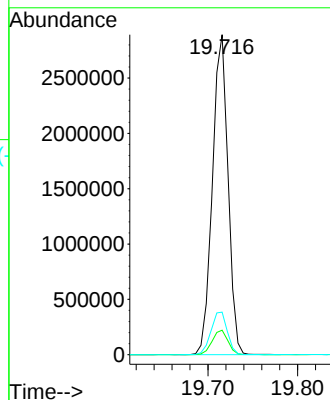
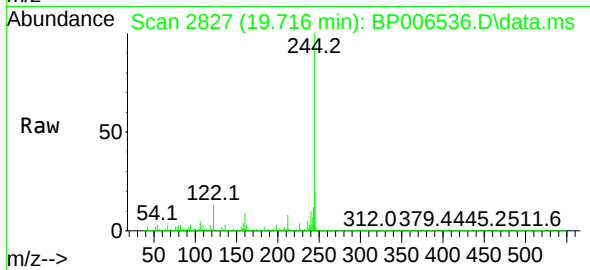
122 13.3 7.1 10.7#

Instrument :

BNA_P

ClientSampleId :

TP-5



#83

Chrysene

Concen: 5.086 ng

RT: 21.269 min Scan# 3091

Delta R.T. -0.006 min

Lab File: BP006536.D

Acq: 06 Aug 2021 13:12

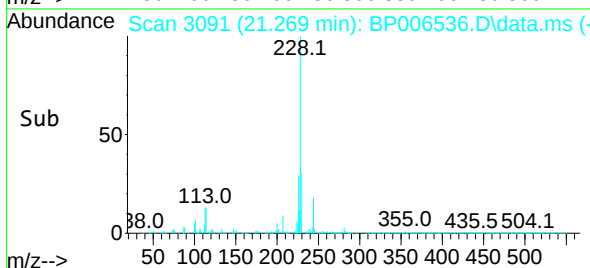
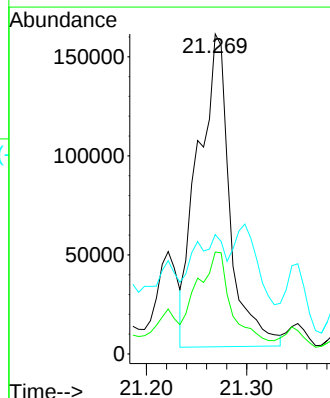
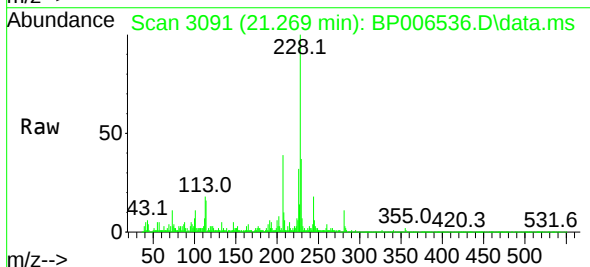
Tgt Ion:228 Resp: 348980

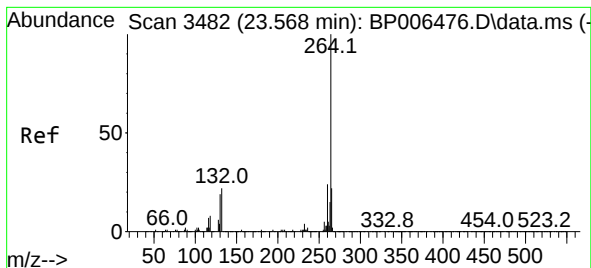
Ion Ratio Lower Upper

228 100

226 31.9 23.8 35.6

229 37.3 15.4 23.2#



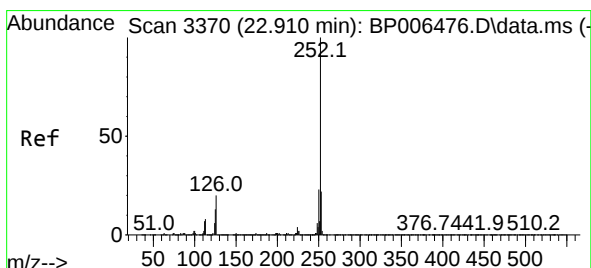
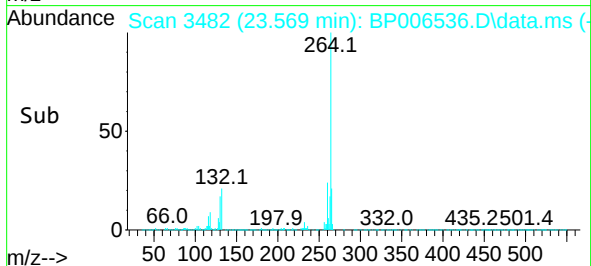
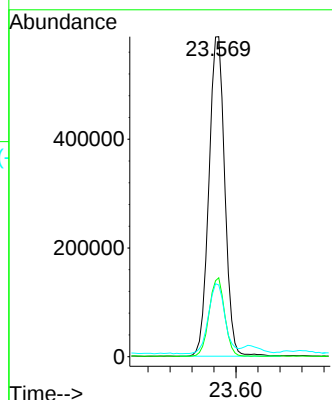
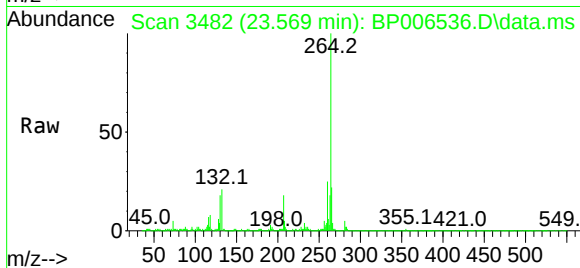


#86
Perylene-d12
Concen: 20.000 ng
RT: 23.569 min Scan# 3482
Delta R.T. 0.000 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

Instrument :
BNA_P
ClientSampled :
TP-5

Tgt Ion:264 Resp: 1178912

Ion	Ratio	Lower	Upper
264	100		
260	24.7	18.6	28.0
265	22.4	17.6	26.4



#89
Benzo(k)fluoranthene
Concen: 2.016 ng
RT: 22.857 min Scan# 3361
Delta R.T. -0.053 min
Lab File: BP006536.D
Acq: 06 Aug 2021 13:12

Tgt Ion:252 Resp: 148278

Ion	Ratio	Lower	Upper
252	100		
253	26.3	17.6	26.4
125	16.4	6.0	9.0

