

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082021\
 Data File : BP006809.D
 Acq On : 20 Aug 2021 20:20
 Operator : CG/JU
 Sample : M3463-25
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Aug 21 00:59:24 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)

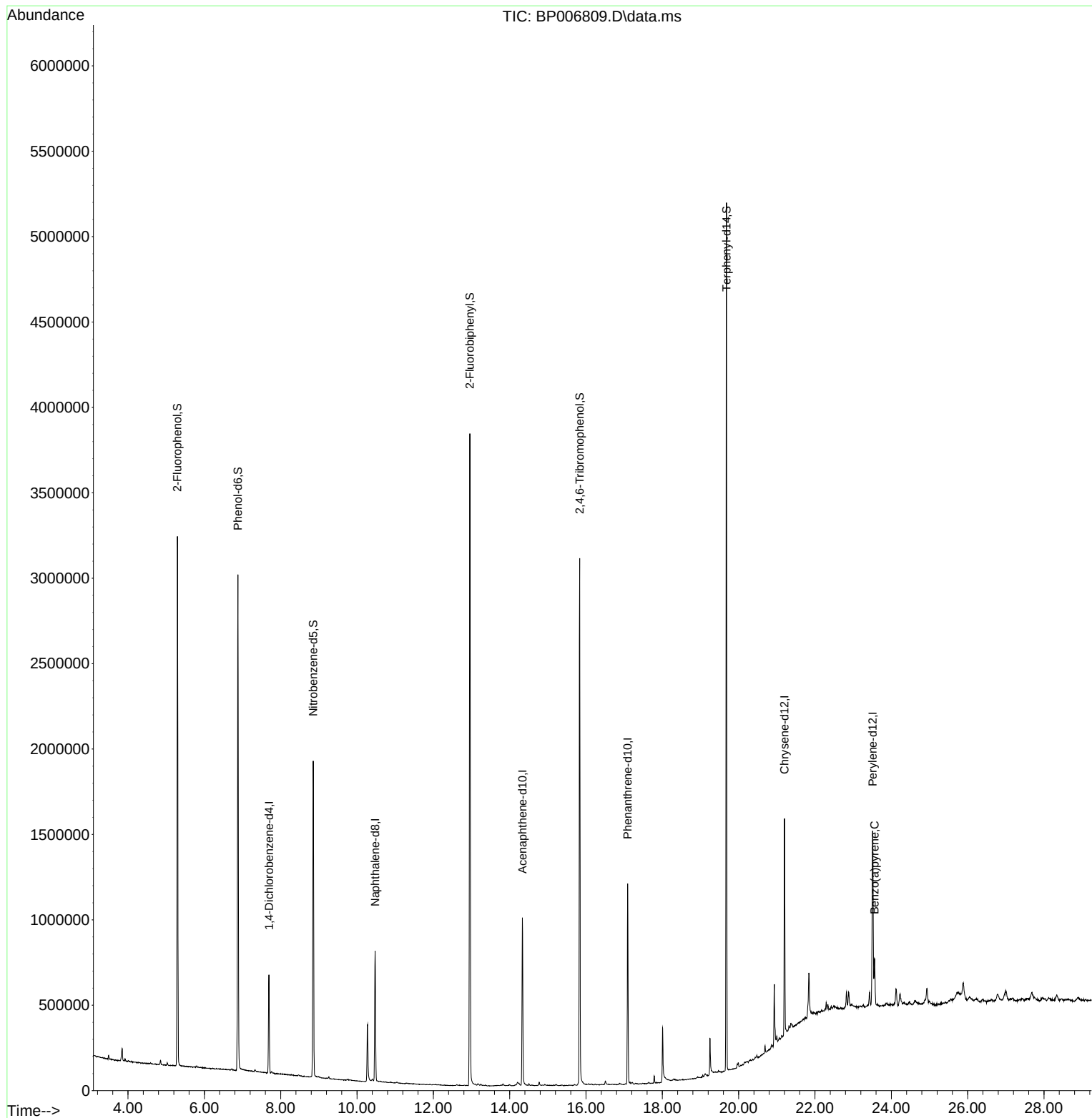
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	141663	20.000	ng	0.00
21) Naphthalene-d8	10.475	136	600601	20.000	ng	# 0.00
39) Acenaphthene-d10	14.334	164	331328	20.000	ng	0.00
64) Phenanthrene-d10	17.092	188	626754	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	558250	20.000	ng	# 0.00
86) Perylene-d12	23.510	264	676260	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	1312753	142.332	ng	0.00
7) Phenol-d6	6.881	99	1612984	123.112	ng	0.00
23) Nitrobenzene-d5	8.851	82	1101766	84.673	ng	0.00
42) 2,4,6-Tribromophenol	15.833	330	471829	136.259	ng	0.00
45) 2-Fluorobiphenyl	12.957	172	1836498	82.928	ng	0.00
79) Terphenyl-d14	19.680	244	2094267	75.172	ng	0.00
Target Compounds						
90) Benzo(a)pyrene	23.562	252	197114	5.000	ng	# 91

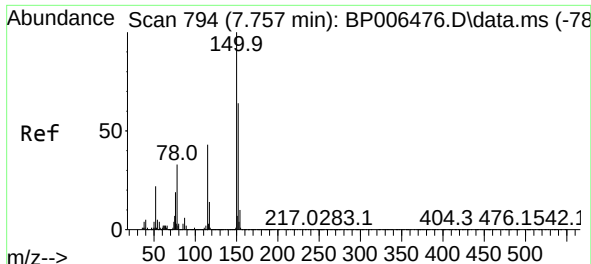
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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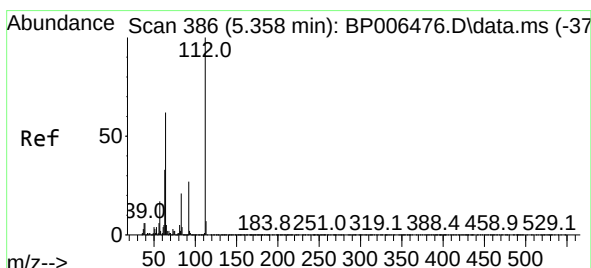
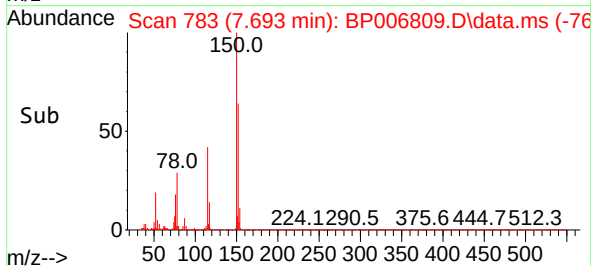
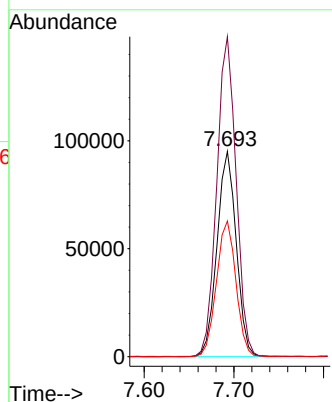
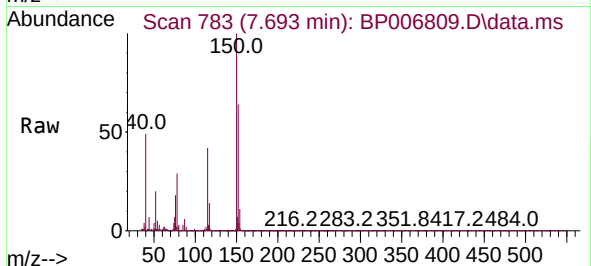




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.000 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

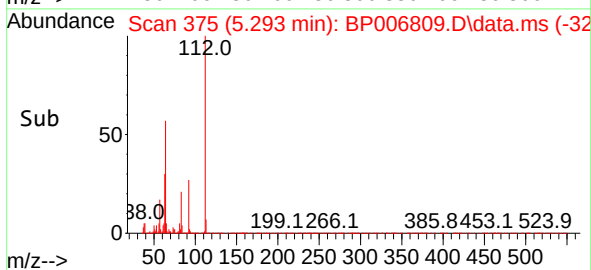
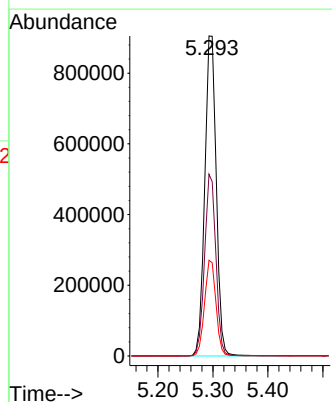
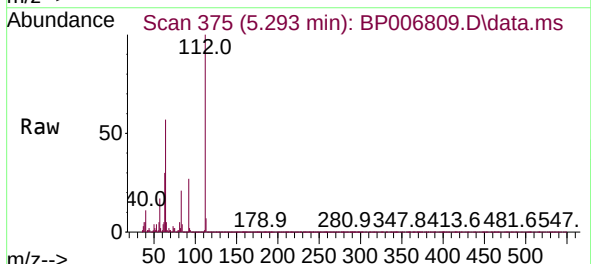
Instrument :
BNA_P
ClientSampled :

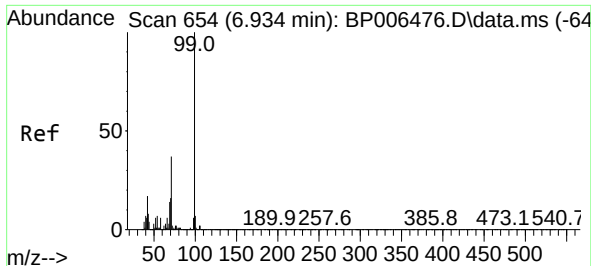
Tgt Ion:152 Resp: 141663
Ion Ratio Lower Upper
152 100
150 155.8 125.6 188.4
115 66.1 48.5 72.7



#5
2-Fluorophenol
Concen: 142.332 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.000 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

Tgt Ion:112 Resp: 1312753
Ion Ratio Lower Upper
112 100
64 56.8 41.4 62.2
63 29.9 23.8 35.8

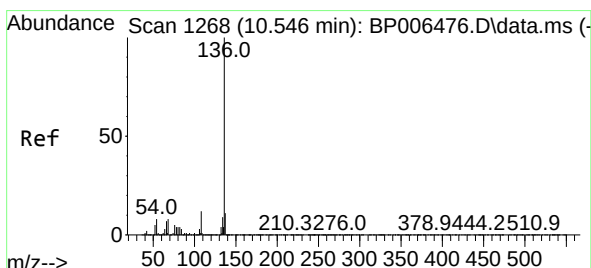
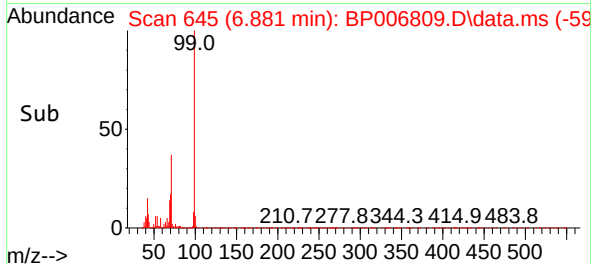
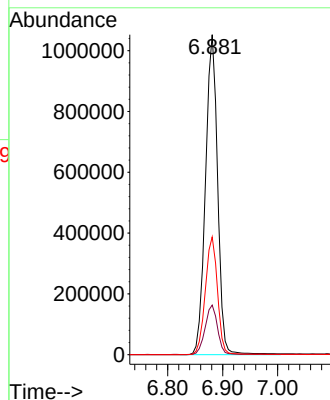
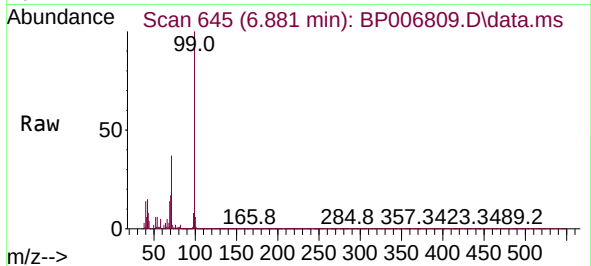




#7
Phenol-d6
Concen: 123.112 ng
RT: 6.881 min Scan# 645
Delta R.T. 0.000 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

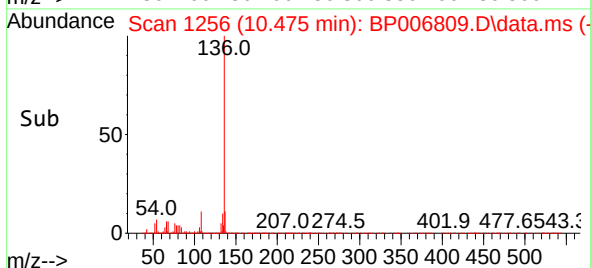
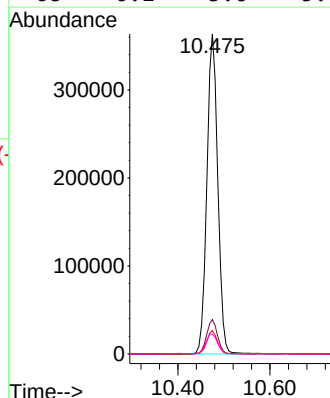
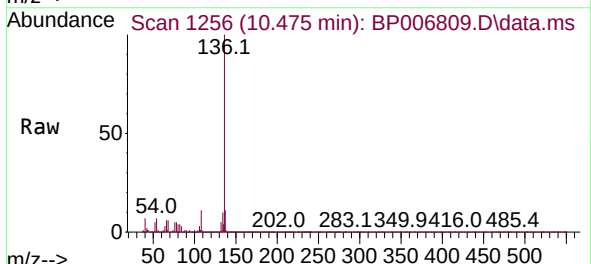
Instrument :
BNA_P
ClientSampled :

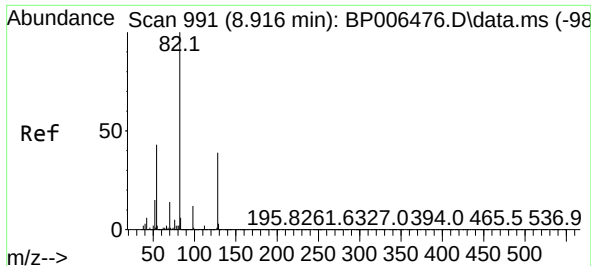
Tgt Ion: 99 Resp: 1612984
Ion Ratio Lower Upper
99 100
42 15.5 13.4 20.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.475 min Scan# 1256
Delta R.T. 0.000 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

Tgt Ion: 136 Resp: 600601
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.3 4.6 6.8#
68 6.1 3.6 5.4#

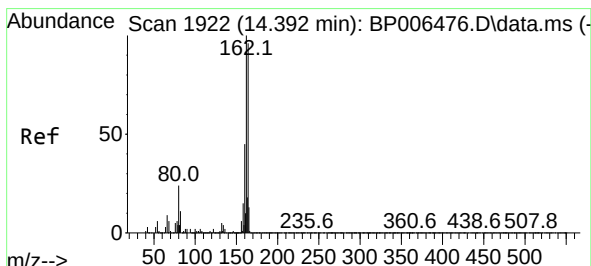
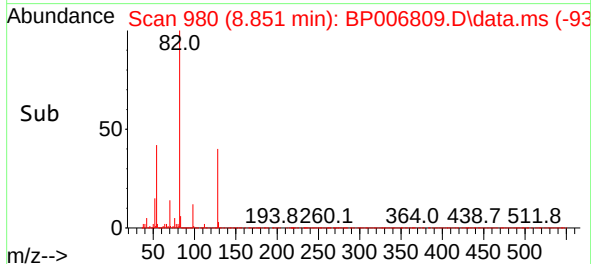
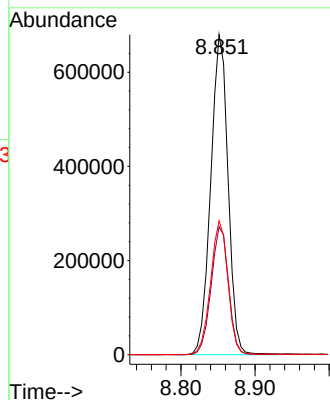
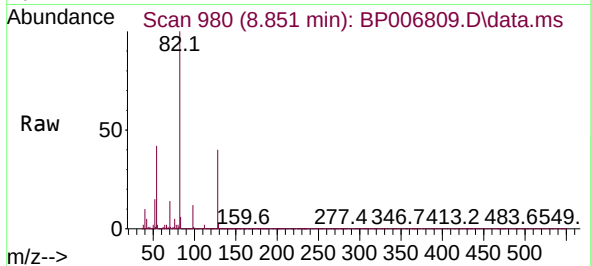




#23
Nitrobenzene-d5
Concen: 84.673 ng
RT: 8.851 min Scan# 980
Delta R.T. -0.006 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

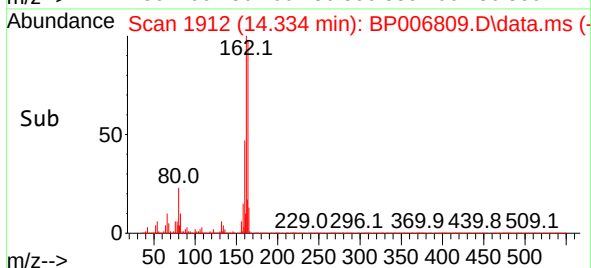
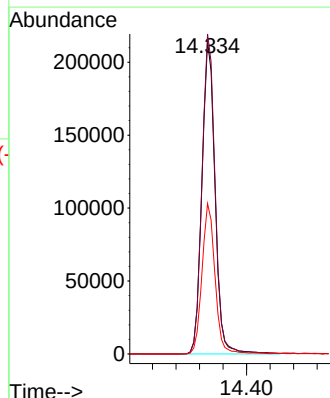
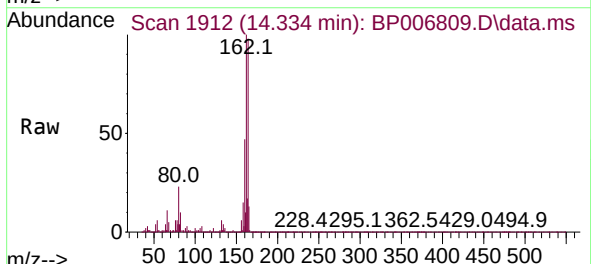
Instrument :
BNA_P
ClientSampleId :

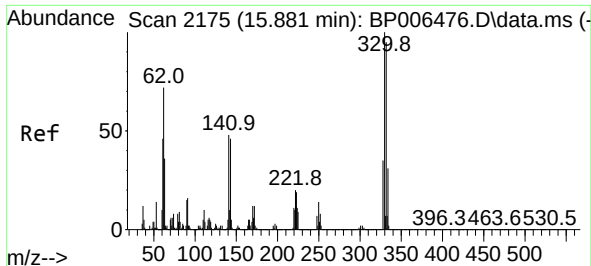
Tgt Ion: 82 Resp: 1101766
Ion Ratio Lower Upper
82 100
128 40.0 35.7 53.5
54 41.8 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.334 min Scan# 1912
Delta R.T. -0.006 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

Tgt Ion: 164 Resp: 331328
Ion Ratio Lower Upper
164 100
162 102.3 80.2 120.2
160 48.1 34.5 51.7

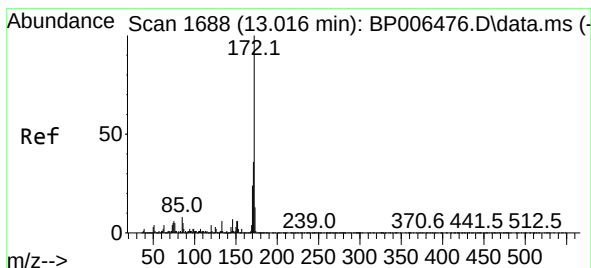
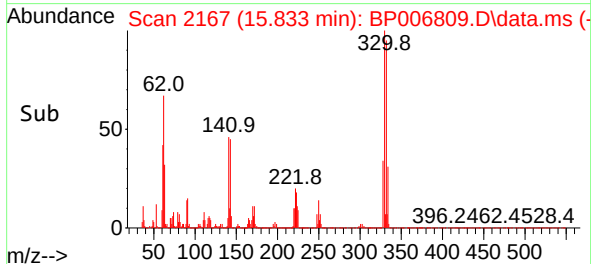
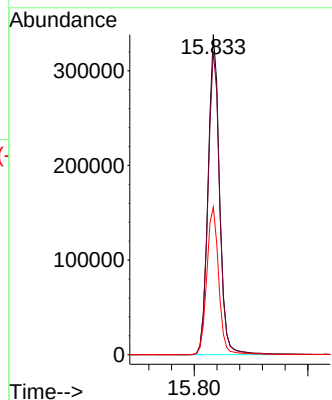
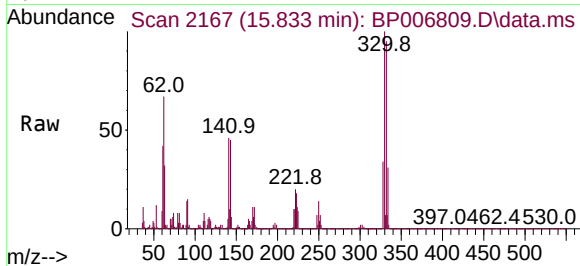




#42
2,4,6-Tribromophenol
Concen: 136.259 ng
RT: 15.833 min Scan# 2167
Delta R.T. -0.006 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

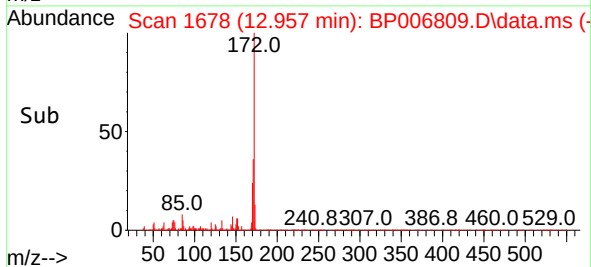
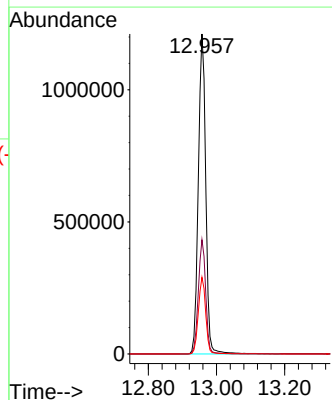
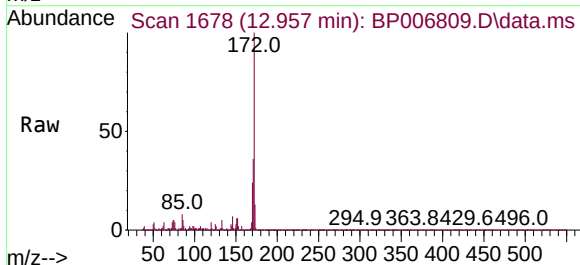
Instrument :
BNA_P
ClientSampleId :

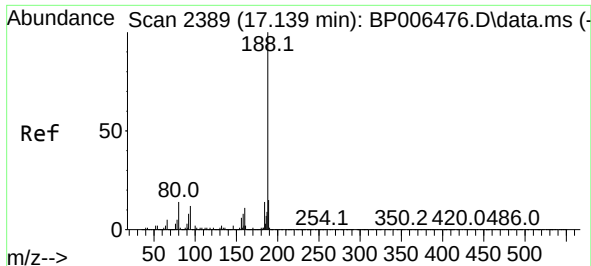
Tgt Ion:330 Resp: 471829
Ion Ratio Lower Upper
330 100
332 96.3 77.8 116.8
141 48.1 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 82.928 ng
RT: 12.957 min Scan# 1678
Delta R.T. 0.000 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

Tgt Ion:172 Resp: 1836498
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.9 18.6 27.8

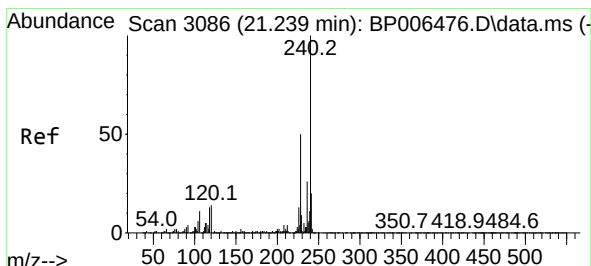
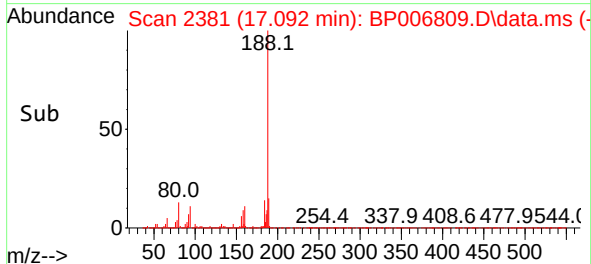
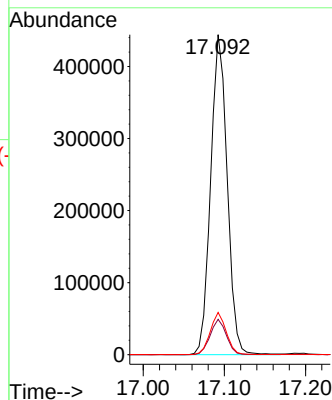
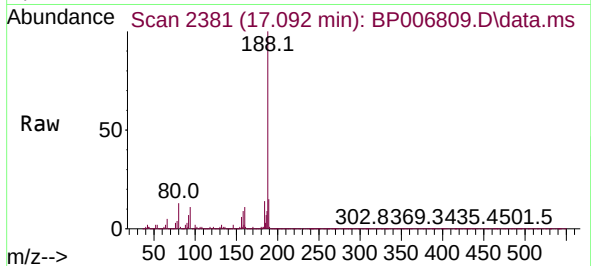




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.092 min Scan# 2381
Delta R.T. -0.006 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

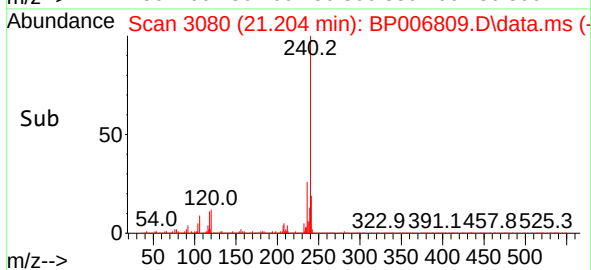
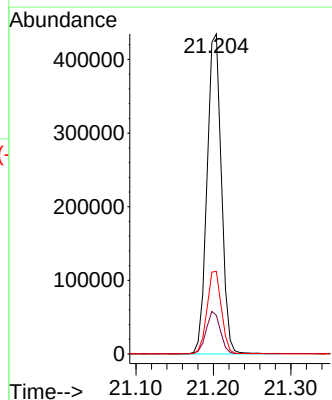
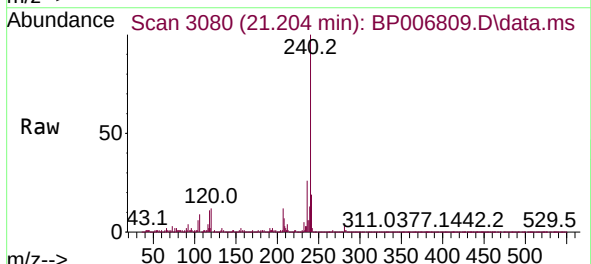
Instrument :
BNA_P
ClientSampled :

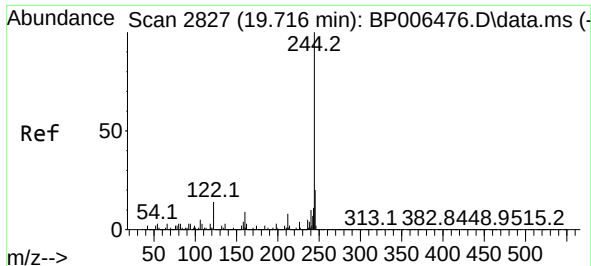
Tgt Ion:188 Resp: 626754
Ion Ratio Lower Upper
188 100
94 11.0 5.6 8.4#
80 13.2 6.3 9.5#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. 0.000 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

Tgt Ion:240 Resp: 558250
Ion Ratio Lower Upper
240 100
120 12.0 6.5 9.7#
236 25.8 20.6 31.0

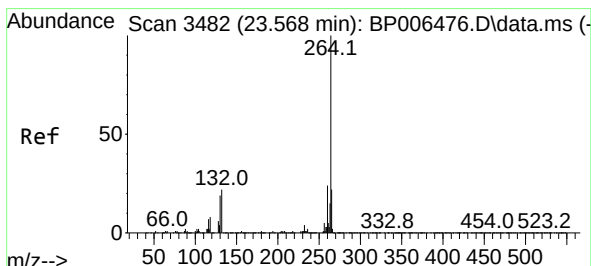
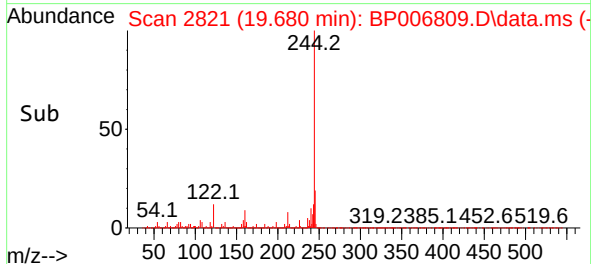
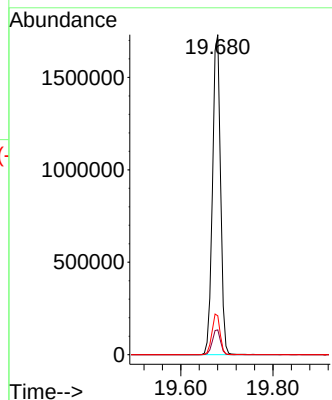
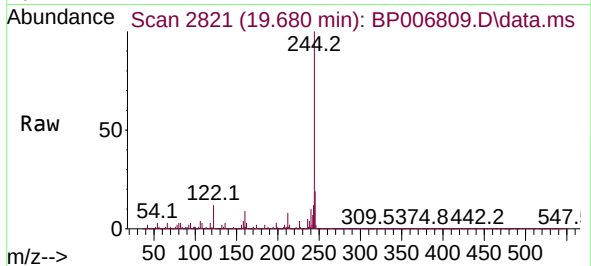




#79
Terphenyl-d14
Concen: 75.172 ng
RT: 19.680 min Scan# 2821
Delta R.T. 0.000 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

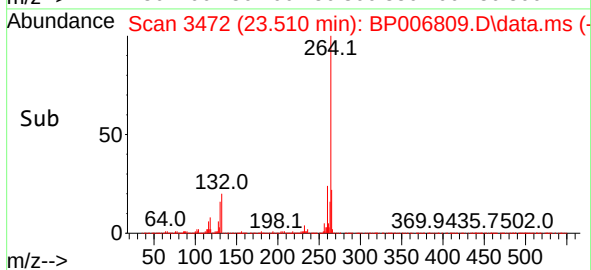
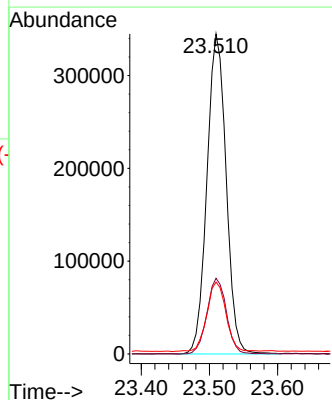
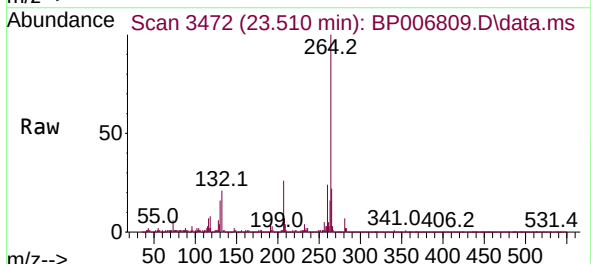
Instrument :
BNA_P
ClientSampled :

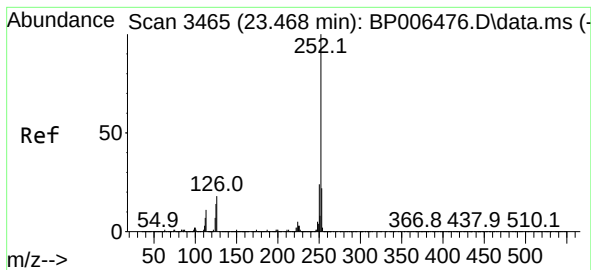
Tgt Ion:244 Resp: 2094267
Ion Ratio Lower Upper
244 100
212 7.8 6.0 9.0
122 12.1 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.510 min Scan# 3472
Delta R.T. -0.006 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

Tgt Ion:264 Resp: 676260
Ion Ratio Lower Upper
264 100
260 23.6 18.6 28.0
265 22.4 17.6 26.4





#90
Benzo(a)pyrene
Concen: 5.000 ng
RT: 23.562 min Scan# 3481
Delta R.T. 0.147 min
Lab File: BP006809.D
Acq: 20 Aug 2021 20:20

Instrument :
BNA_P
ClientSampleId :

Tgt Ion:252 Resp: 197114
Ion Ratio Lower Upper
252 100
253 21.9 17.9 26.9
125 19.2 6.5 9.7#

