

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006698.D
 Acq On : 16 Aug 2021 23:45
 Operator : CG/JU
 Sample : M3425-17
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 23N

Quant Time: Aug 17 02:04:44 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP080321.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 16 18:17:59 2021
 Response via : Initial Calibration

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

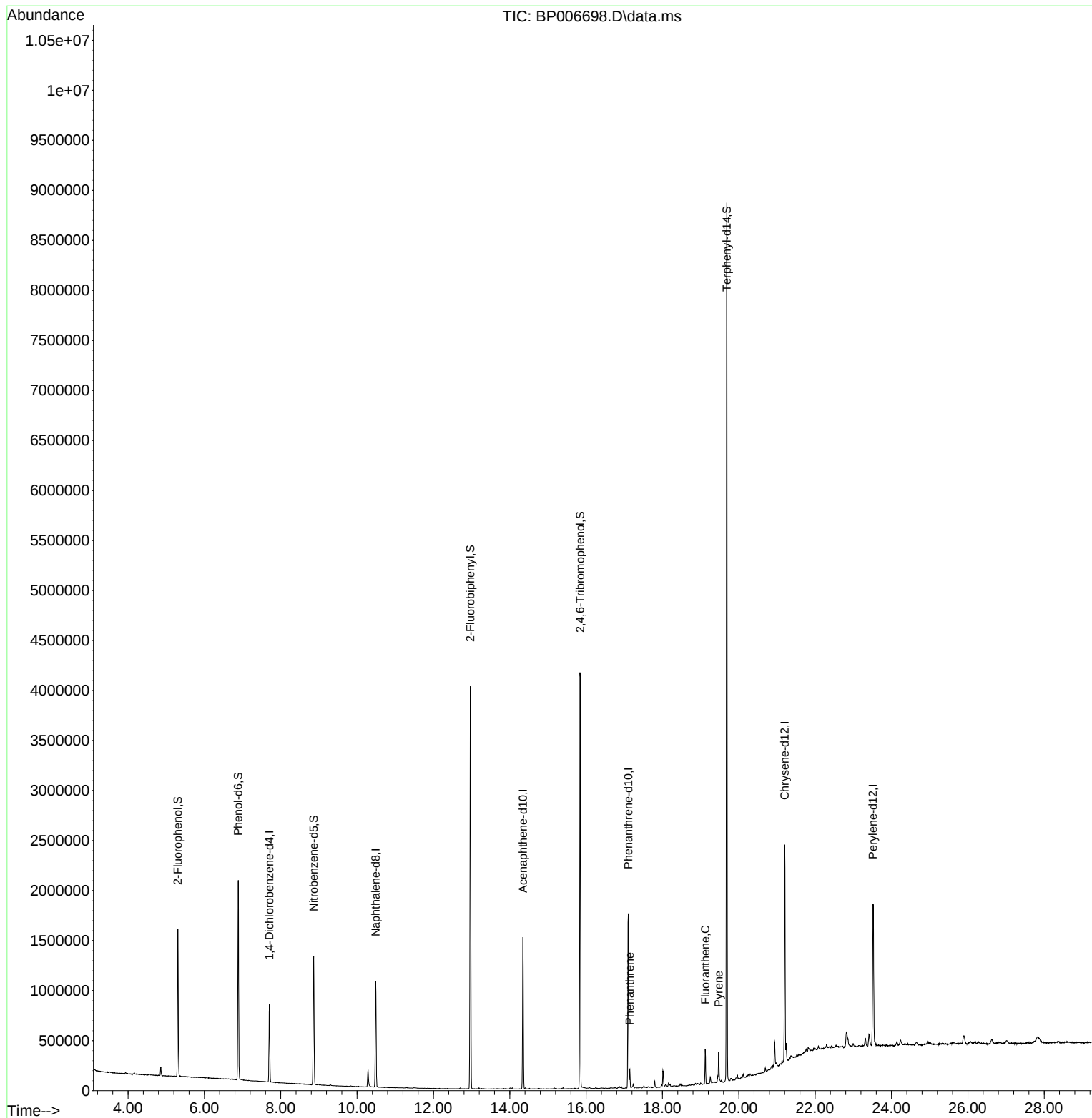
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	188815	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	798208	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	450094	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	899613	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	880046	20.000	ng	# 0.00
86) Perylene-d12	23.516	264	938269	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	601011	48.890	ng	0.00
7) Phenol-d6	6.887	99	1069003	61.217	ng	0.00
23) Nitrobenzene-d5	8.863	82	769505	44.498	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	600735	127.708	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	1831951	60.895	ng	0.00
79) Terphenyl-d14	19.686	244	3555881	80.964	ng	0.00
Target Compounds						Qvalue
71) Phenanthrene	17.145	178	102186	2.014	ng	98
75) Fluoranthene	19.122	202	176273	3.095	ng	93
78) Pyrene	19.475	202	160165	2.725	ng	100

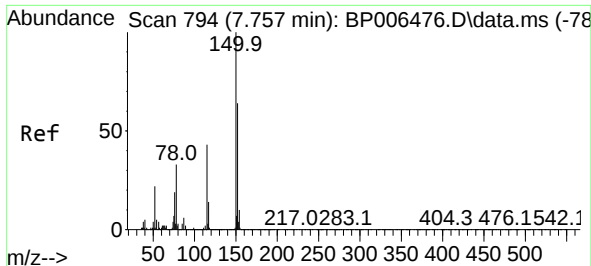
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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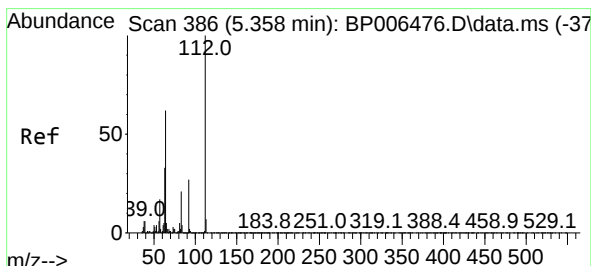
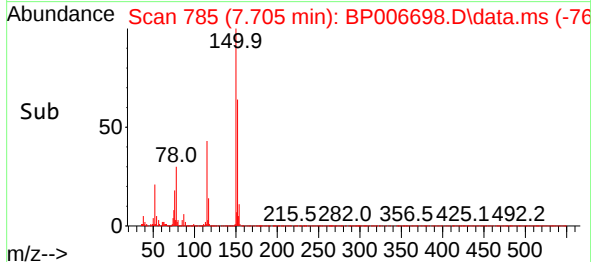
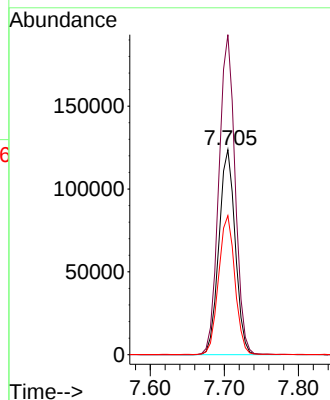
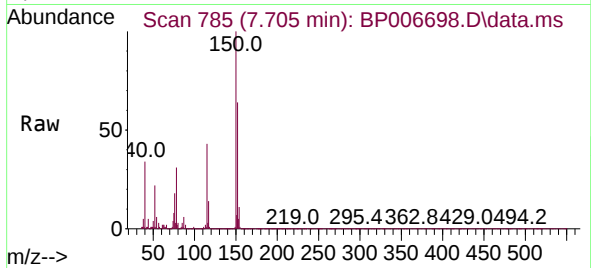




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

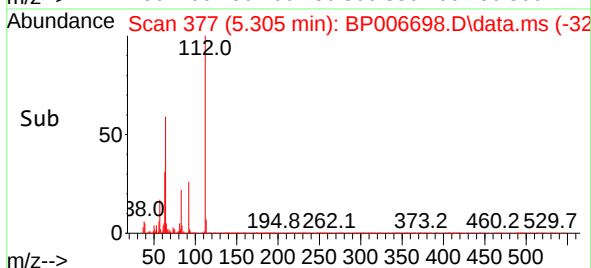
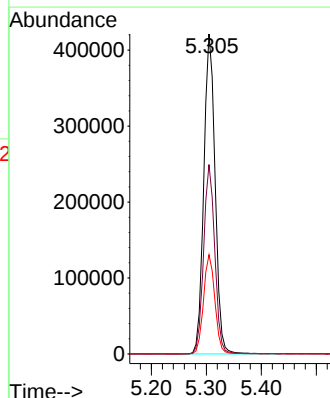
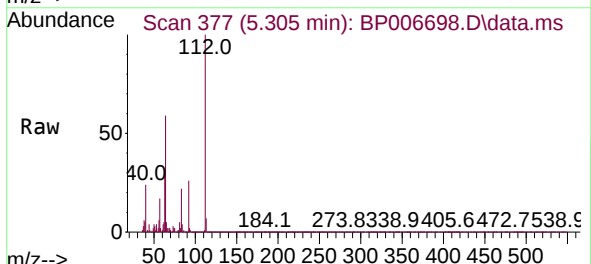
Instrument :
BNA_P
ClientSampleId :
23N

Tgt Ion:152 Resp: 188815
Ion Ratio Lower Upper
152 100
150 156.1 125.6 188.4
115 67.8 48.5 72.7



#5
2-Fluorophenol
Concen: 48.890 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

Tgt Ion:112 Resp: 601011
Ion Ratio Lower Upper
112 100
64 59.2 41.4 62.2
63 31.0 23.8 35.8

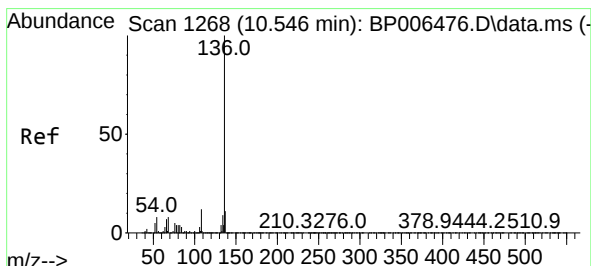
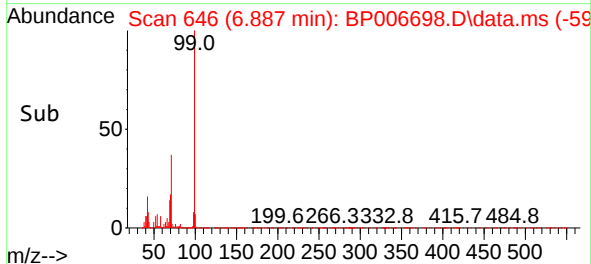
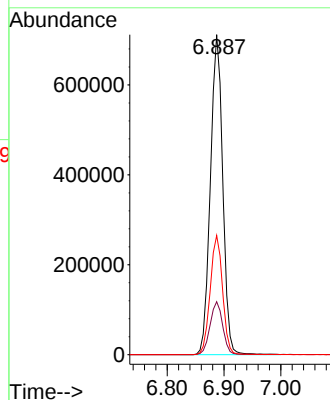
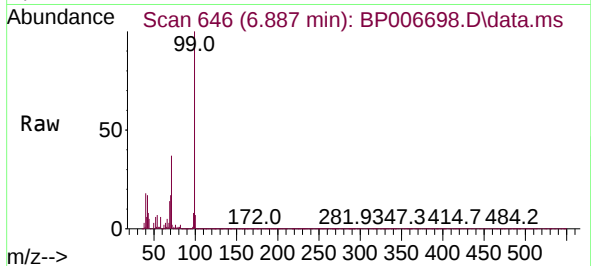




#7
Phenol-d6
Concen: 61.217 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

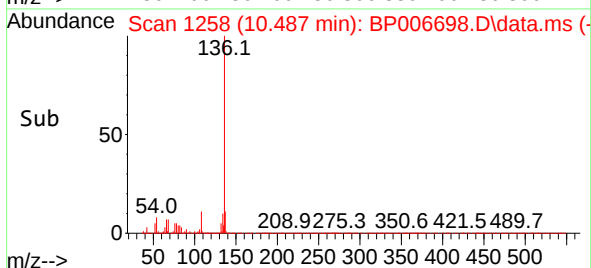
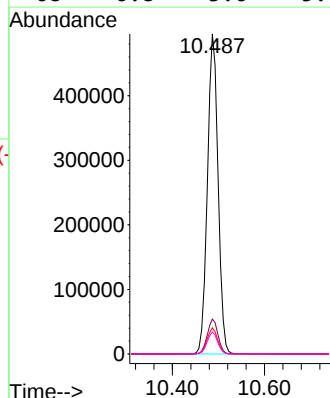
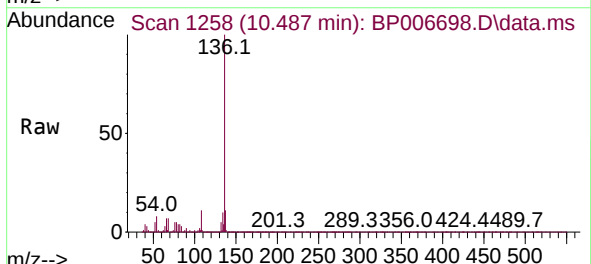
Instrument :
BNA_P
ClientSampled :
23N

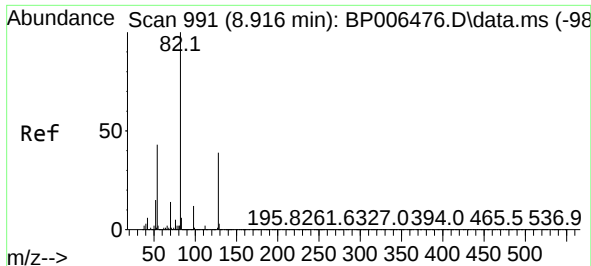
Tgt Ion: 99 Resp: 1069003
Ion Ratio Lower Upper
99 100
42 16.5 13.4 20.0
71 37.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

Tgt Ion: 136 Resp: 798208
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.1 4.6 6.8#
68 6.8 3.6 5.4#

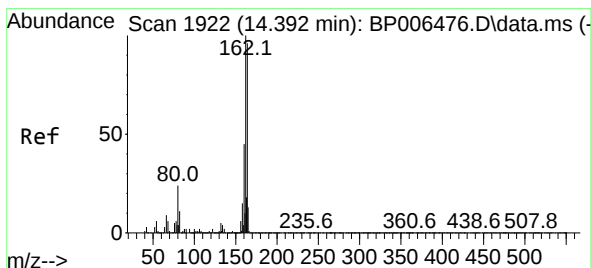
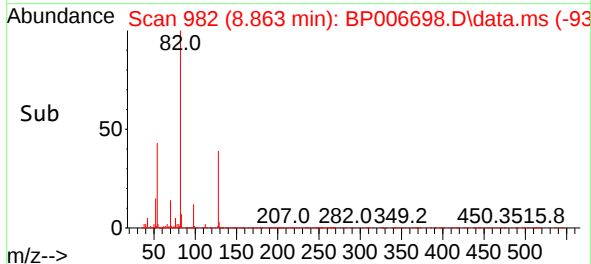
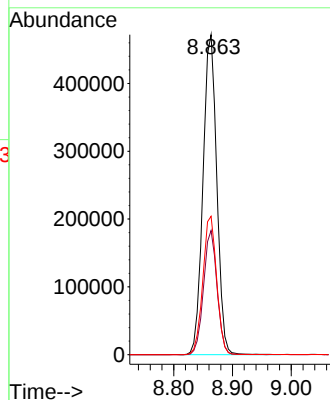
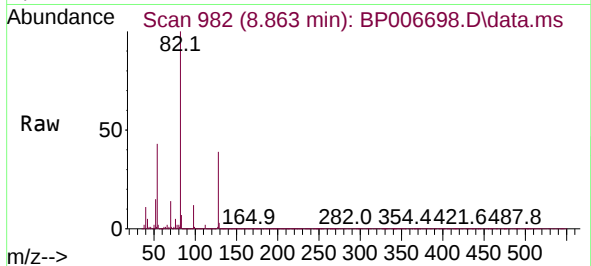




#23
Nitrobenzene-d5
Concen: 44.498 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

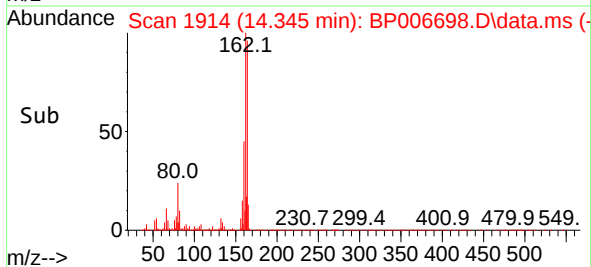
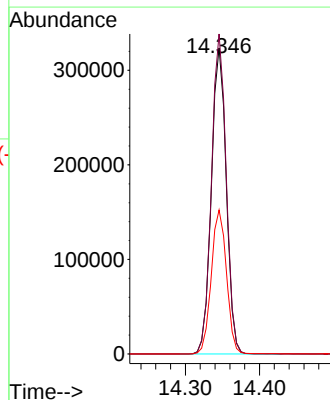
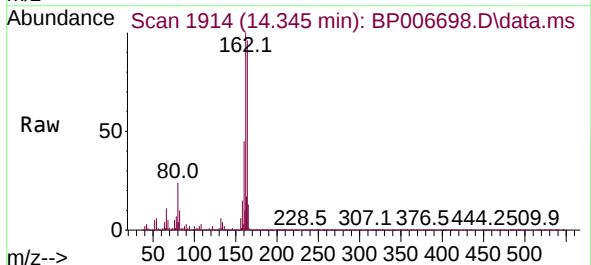
Instrument :
BNA_P
ClientSampleId :
23N

Tgt Ion: 82 Resp: 769505
Ion Ratio Lower Upper
82 100
128 38.8 35.7 53.5
54 43.3 35.0 52.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.345 min Scan# 1914
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

Tgt Ion: 164 Resp: 450094
Ion Ratio Lower Upper
164 100
162 104.6 80.2 120.2
160 47.1 34.5 51.7

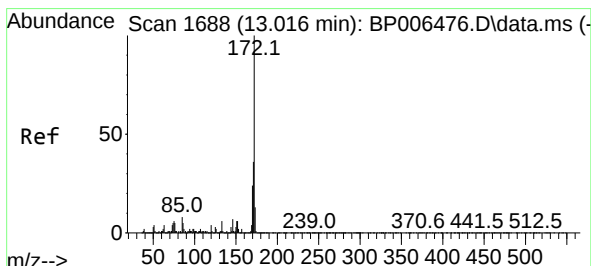
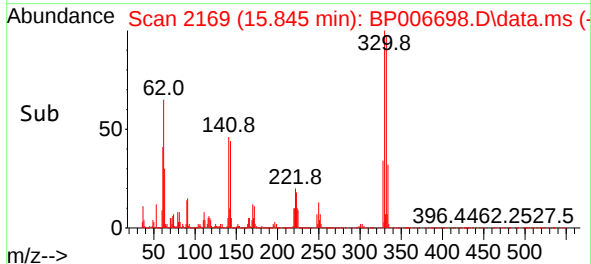
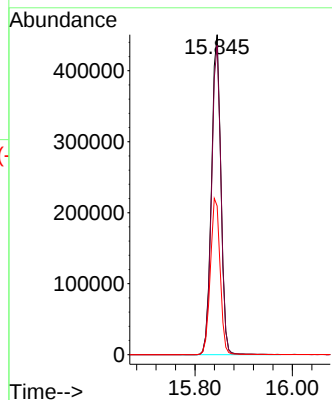
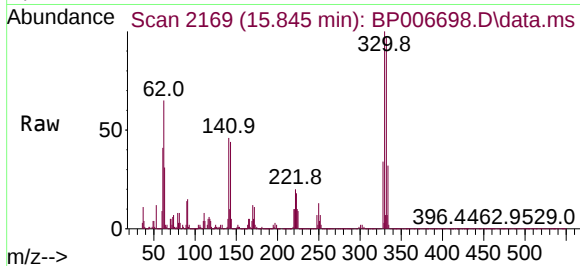




#42
2,4,6-Tribromophenol
Concen: 127.708 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

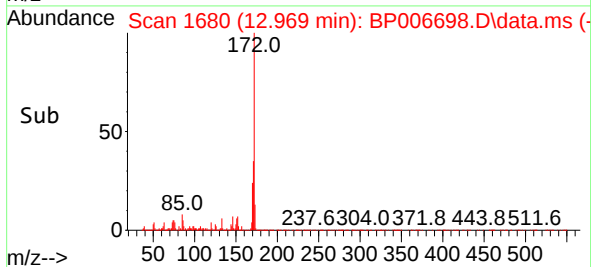
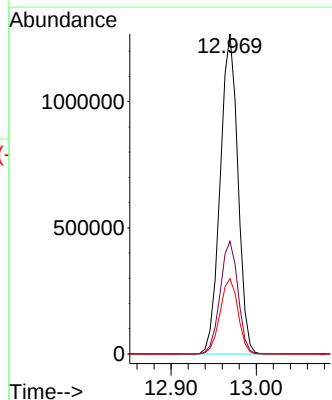
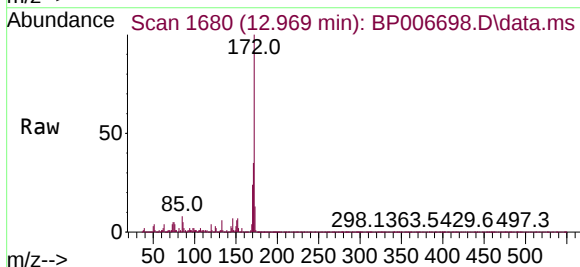
Instrument :
BNA_P
ClientSampled :
23N

Tgt Ion:330 Resp: 600735
Ion Ratio Lower Upper
330 100
332 96.8 77.8 116.8
141 50.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 60.895 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

Tgt Ion:172 Resp: 1831951
Ion Ratio Lower Upper
172 100
171 35.2 27.9 41.9
170 23.5 18.6 27.8

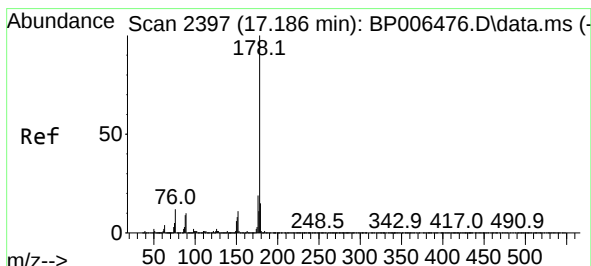
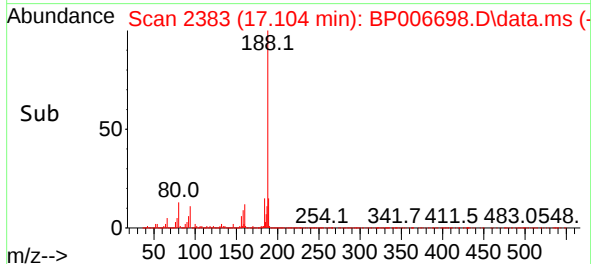
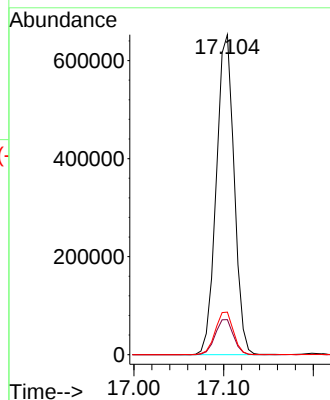
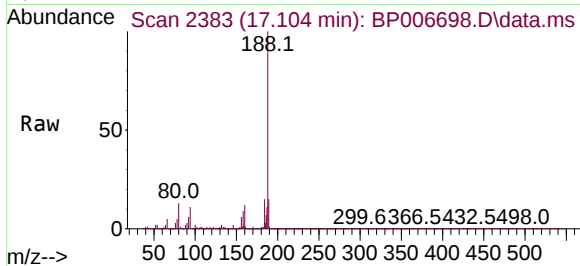




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

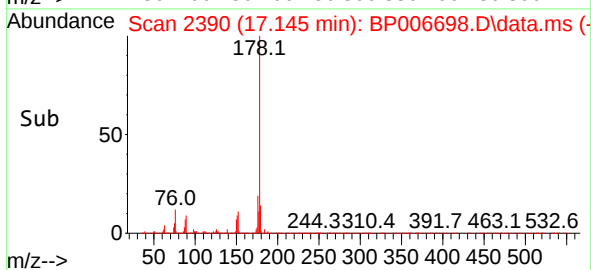
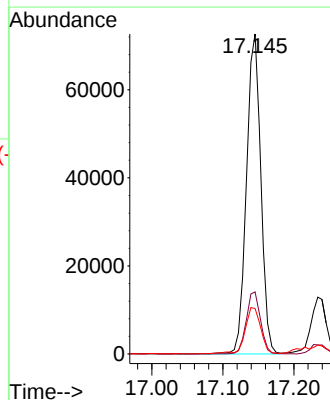
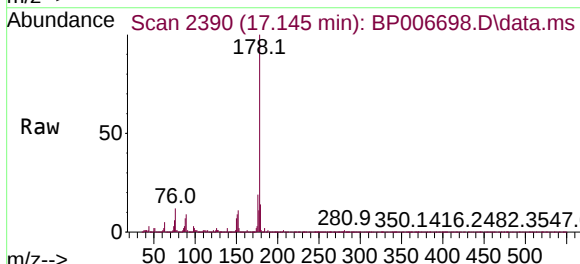
Instrument :
BNA_P
ClientSampled :
23N

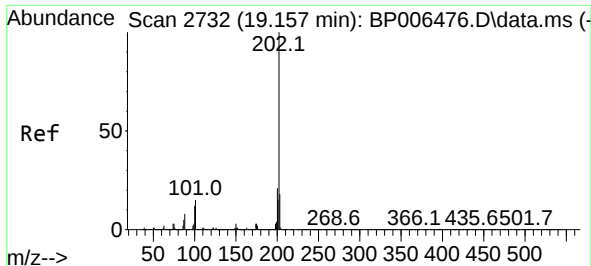
Tgt Ion:188 Resp: 899613
Ion Ratio Lower Upper
188 100
94 11.0 5.6 8.4#
80 13.3 6.3 9.5#



#71
Phenanthrene
Concen: 2.014 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

Tgt Ion:178 Resp: 102186
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 14.2 12.4 18.6

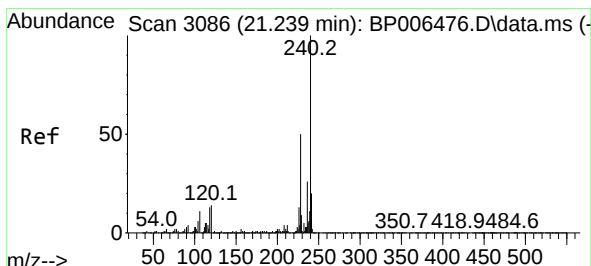
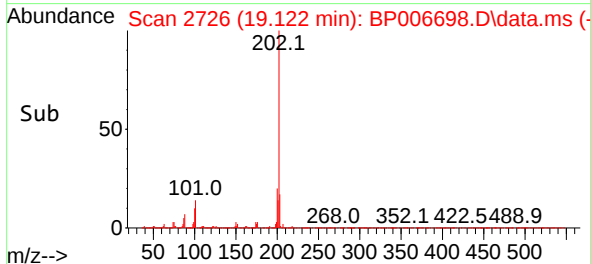
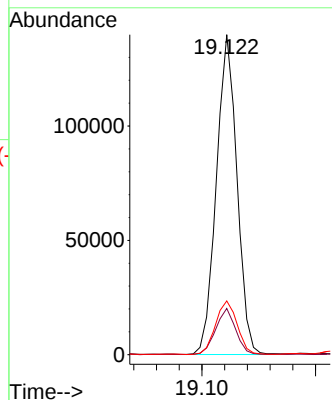
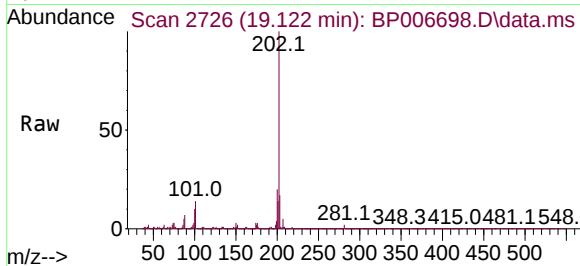




#75
Fluoranthene
Concen: 3.095 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

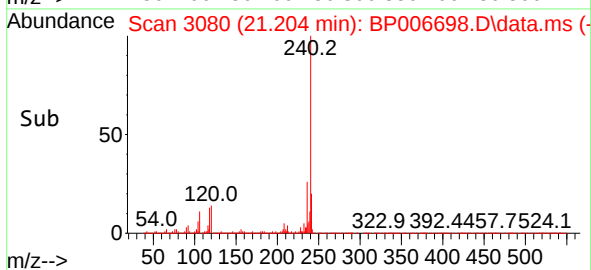
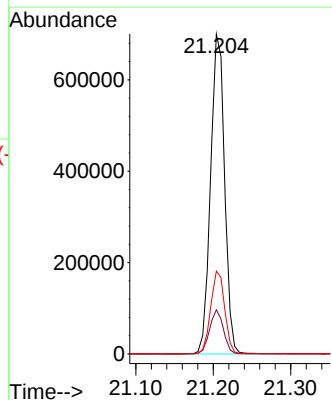
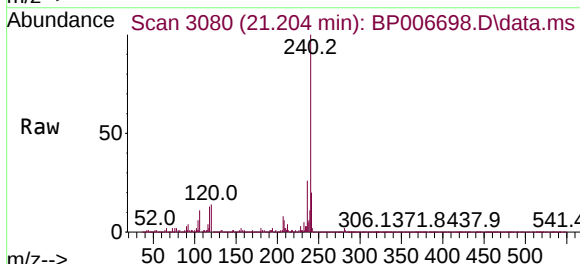
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BNA_P
ClientSampled :
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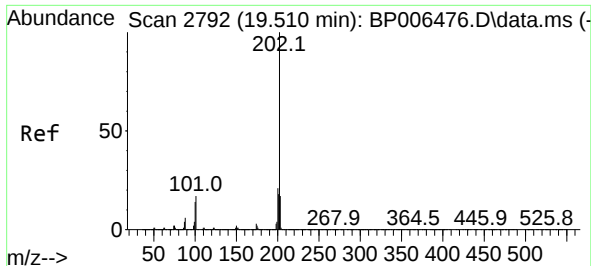
Tgt Ion:202	Resp:	176273
Ion Ratio	Lower	Upper
202	100	
101	14.5	0.0 27.6
203	16.8	0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

Tgt Ion:240	Resp:	880046
Ion Ratio	Lower	Upper
240	100	
120	13.8	6.5 9.7#
236	25.9	20.6 31.0

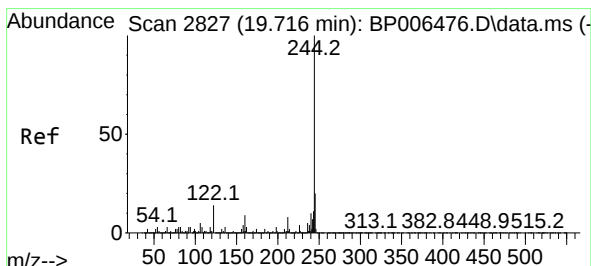
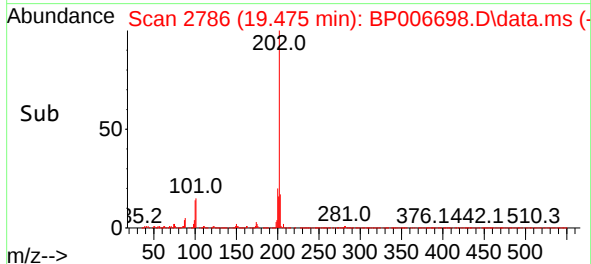
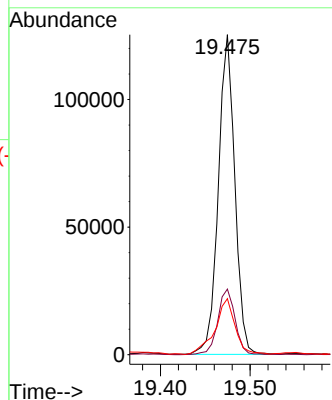
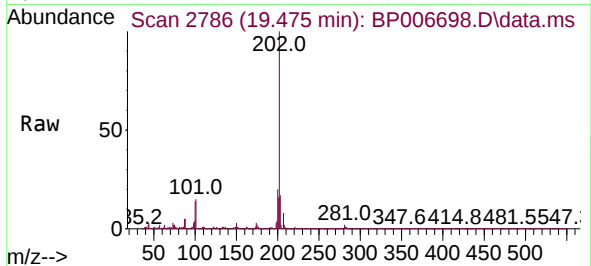




#78
 Pyrene
 Concen: 2.725 ng
 RT: 19.475 min Scan# 2786
 Delta R.T. -0.006 min
 Lab File: BP006698.D
 Acq: 16 Aug 2021 23:45

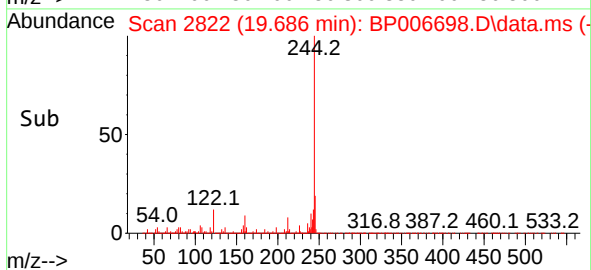
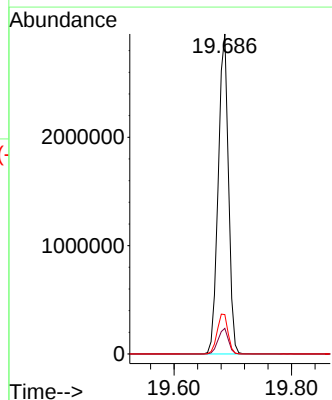
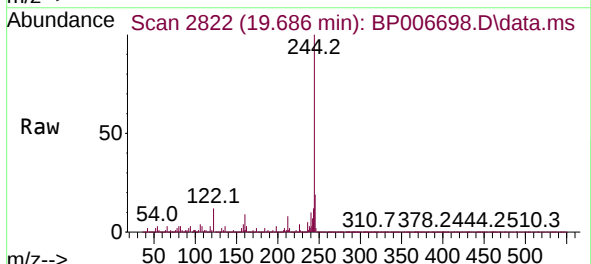
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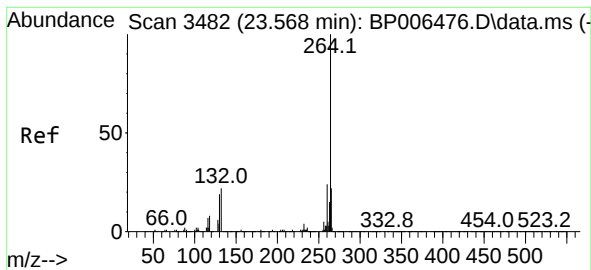
Tgt Ion:202 Resp: 160165
 Ion Ratio Lower Upper
 202 100
 200 20.5 16.3 24.5
 203 17.5 14.2 21.2



#79
 Terphenyl-d14
 Concen: 80.964 ng
 RT: 19.686 min Scan# 2822
 Delta R.T. 0.000 min
 Lab File: BP006698.D
 Acq: 16 Aug 2021 23:45

Tgt Ion:244 Resp: 3555881
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.0 9.0
 122 12.3 7.1 10.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.516 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006698.D
Acq: 16 Aug 2021 23:45

Instrument :
BNA_P
ClientSampleId :
23N

Tgt Ion:264 Resp: 938269

Ion	Ratio	Lower	Upper
264	100		
260	24.3	18.6	28.0
265	22.2	17.6	26.4

