

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006702.D
 Acq On : 17 Aug 2021 02:02
 Operator : CG/JU
 Sample : M3424-14
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20N

Quant Time: Aug 17 02:54:25 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)

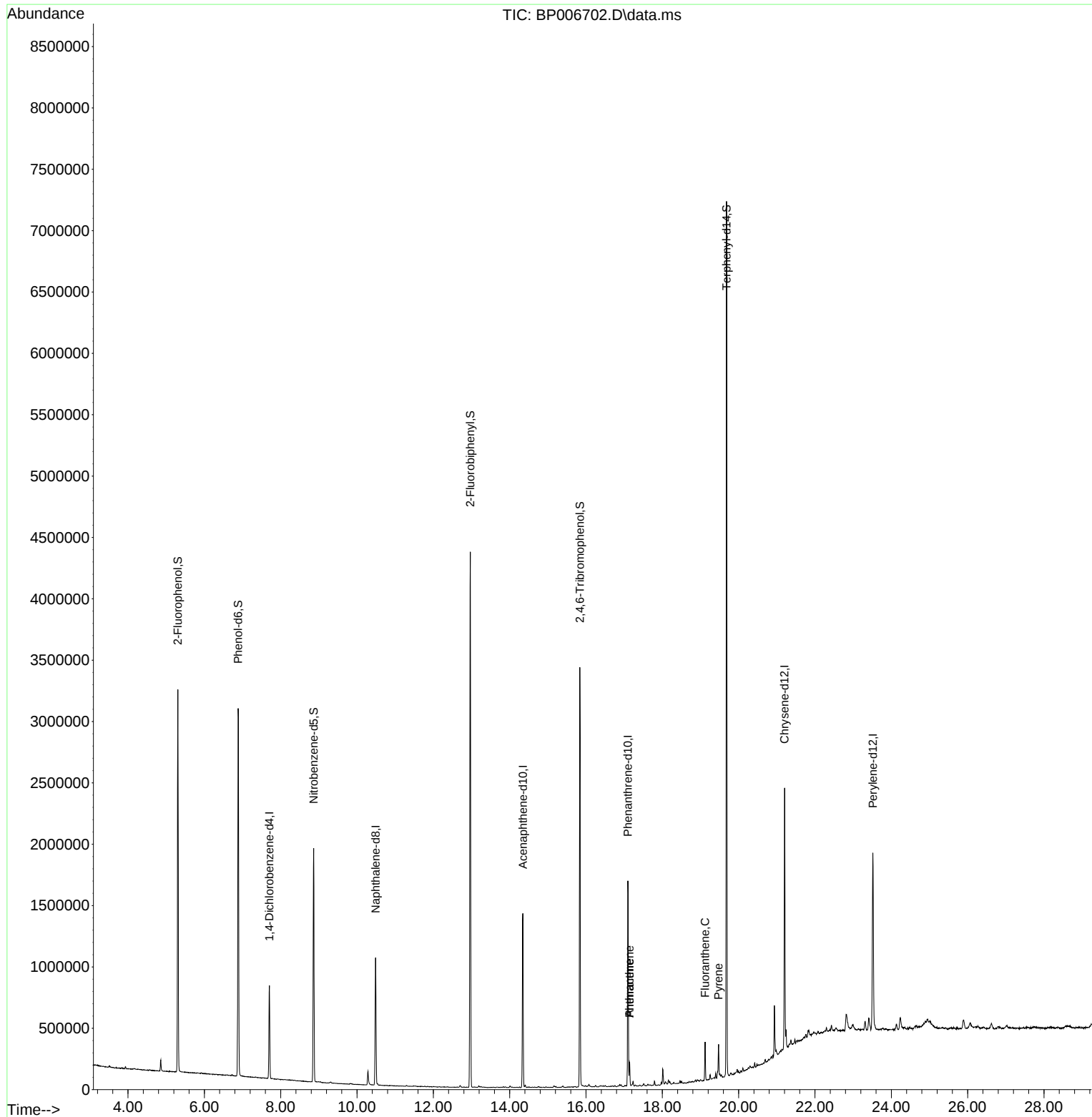
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	186776	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	790894	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	440080	20.000	ng	0.00
64) Phenanthrene-d10	17.098	188	874082	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	842219	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	894926	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1266908	104.183	ng	0.00
7) Phenol-d6	6.887	99	1659574	96.074	ng	0.00
23) Nitrobenzene-d5	8.863	82	1138954	66.471	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	469099	101.993	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	1980256	67.322	ng	0.00
79) Terphenyl-d14	19.680	244	2871721	68.323	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.139	178	103354	2.096	ng	98
72) Anthracene	17.139	178	103354	2.169	ng	97
75) Fluoranthene	19.122	202	151172	2.732	ng	93
78) Pyrene	19.475	202	138032	2.454	ng	99

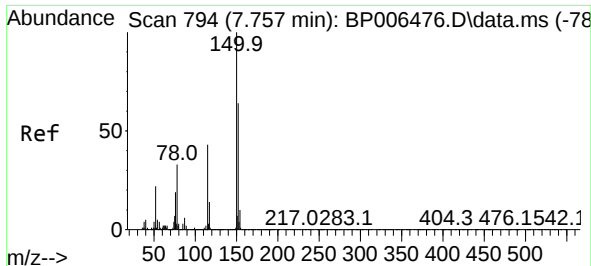
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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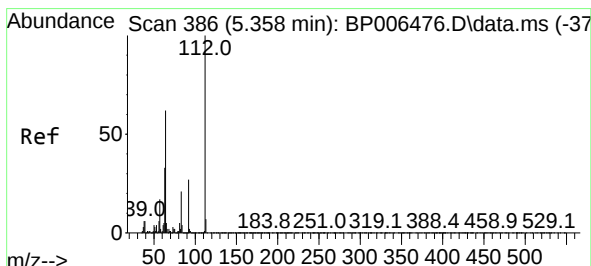
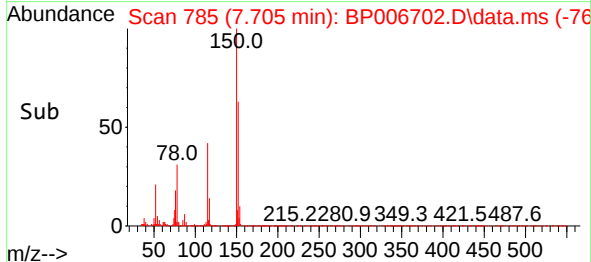
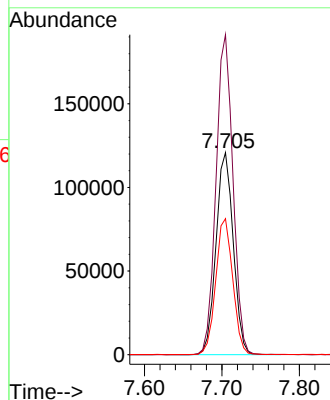
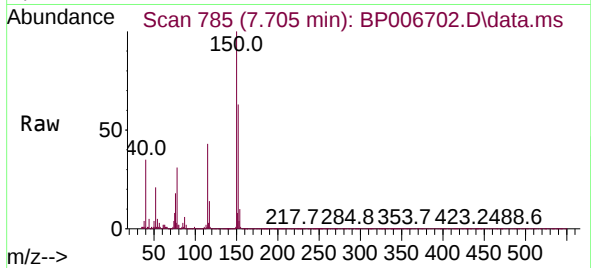




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

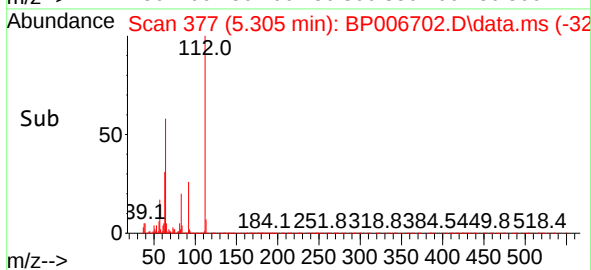
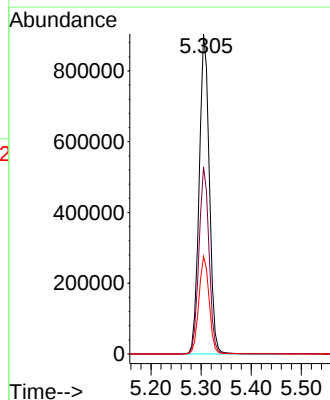
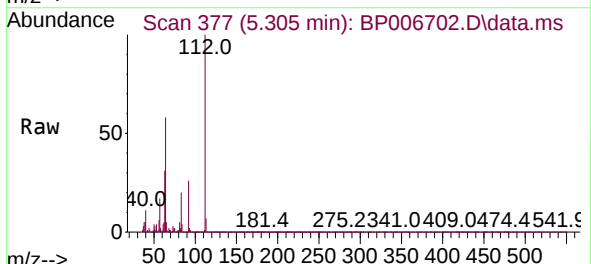
Instrument :
BNA_P
ClientSampleId :
20N

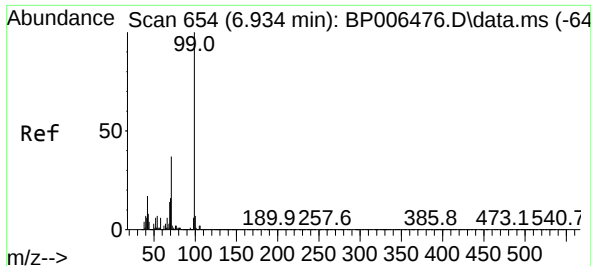
Tgt Ion:152 Resp: 186776
Ion Ratio Lower Upper
152 100
150 158.3 125.6 188.4
115 67.3 48.5 72.7



#5
2-Fluorophenol
Concen: 104.183 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Tgt Ion:112 Resp: 1266908
Ion Ratio Lower Upper
112 100
64 58.5 41.4 62.2
63 30.5 23.8 35.8



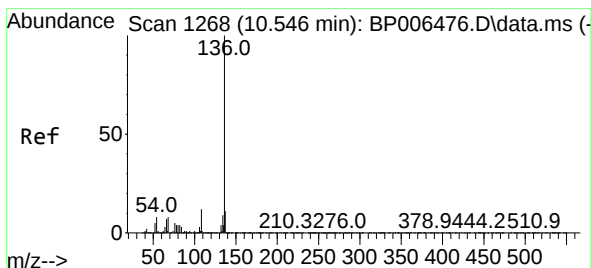
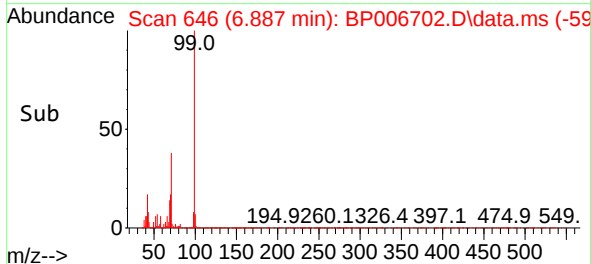
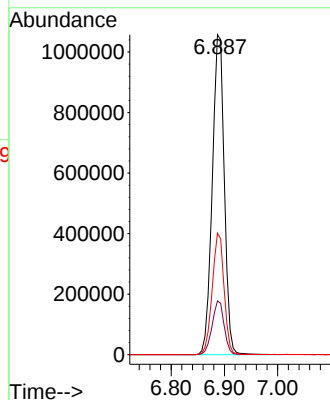
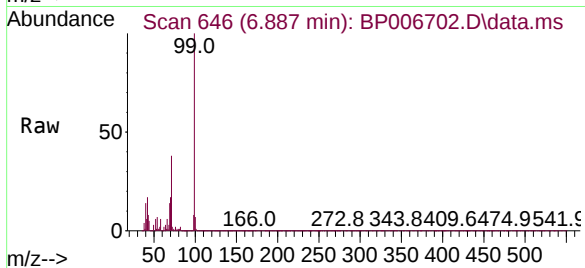


#7
Phenol-d6
Concen: 96.074 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Instrument :
BNA_P
ClientSampleId :
20N

Tgt Ion: 99 Resp: 1659574

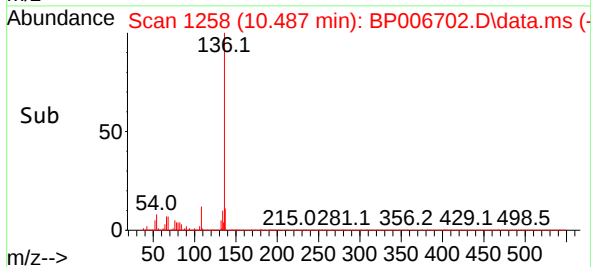
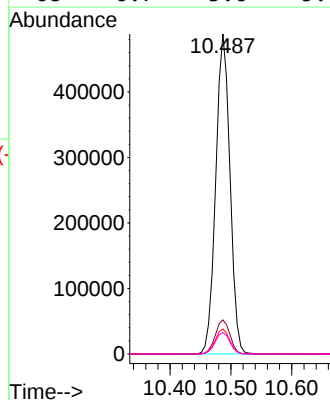
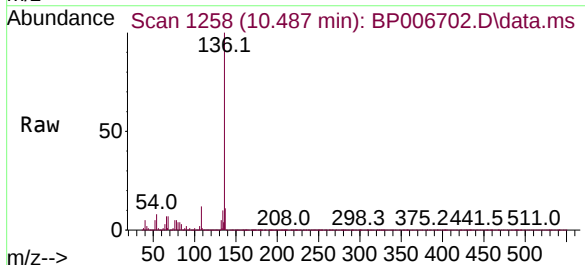
Ion	Ratio	Lower	Upper
99	100		
42	16.8	13.4	20.0
71	38.0	30.6	46.0

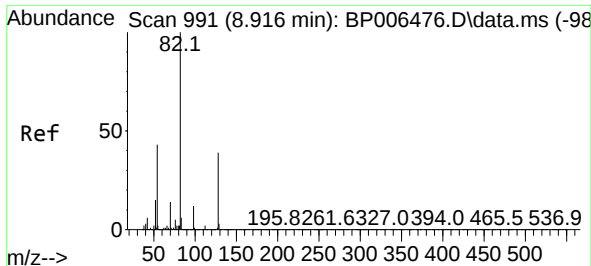


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Tgt Ion: 136 Resp: 790894

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	12.8
54	7.8	4.6	6.8#
68	6.7	3.6	5.4#

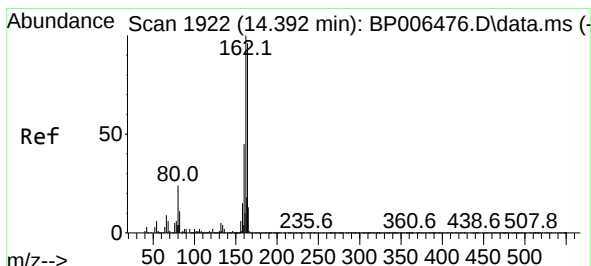
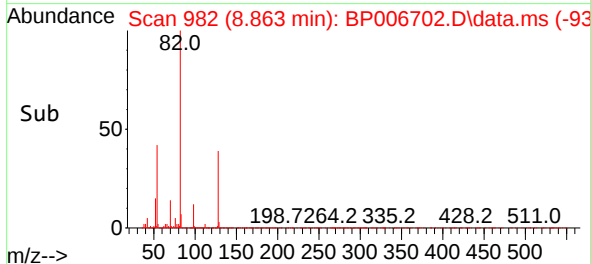
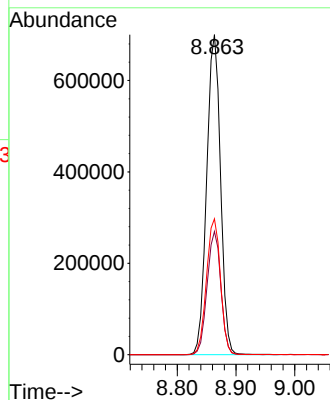
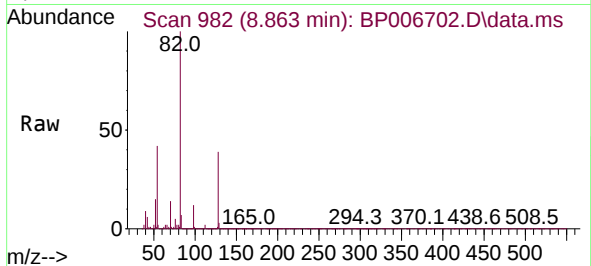




#23
Nitrobenzene-d5
Concen: 66.471 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

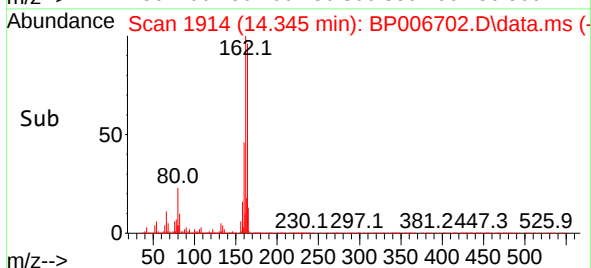
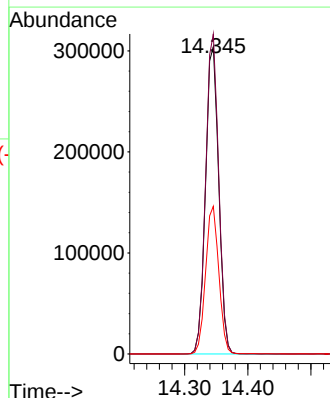
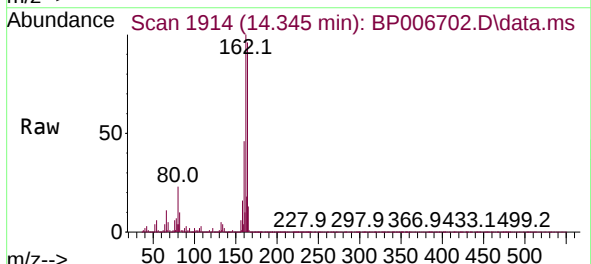
Instrument :
BNA_P
ClientSampleId :
20N

Tgt Ion: 82 Resp: 1138954
Ion Ratio Lower Upper
82 100
128 38.5 35.7 53.5
54 42.4 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: BP006702.D
Acq: 17 Aug 2021 02:02

Tgt Ion:164 Resp: 440080
Ion Ratio Lower Upper
164 100
162 104.1 80.2 120.2
160 48.1 34.5 51.7

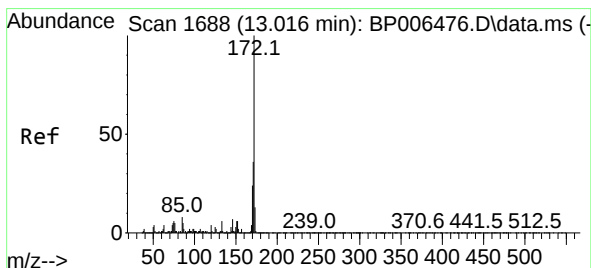
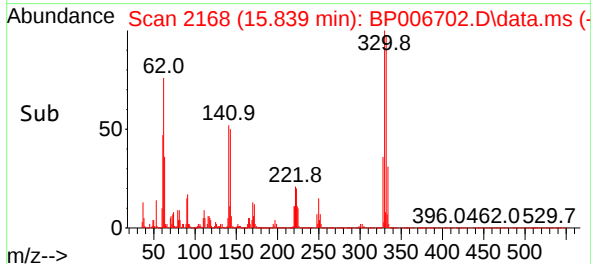
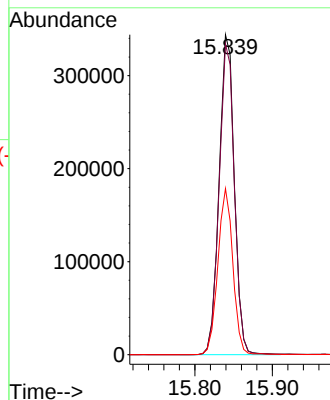
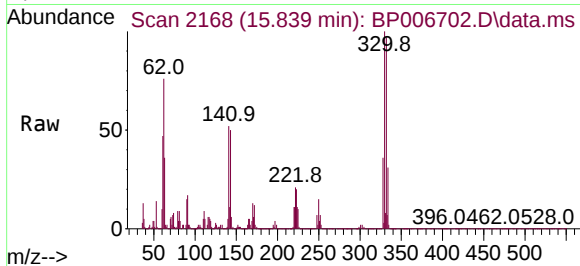




#42
2,4,6-Tribromophenol
Concen: 101.993 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

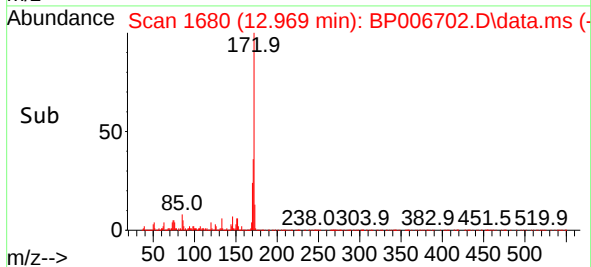
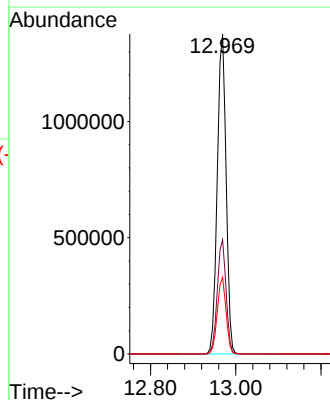
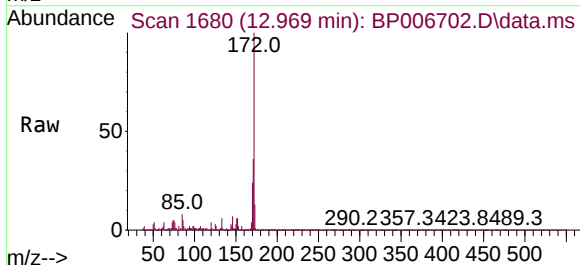
Instrument :
BNA_P
ClientSampleId :
20N

Tgt Ion:330 Resp: 469099
Ion Ratio Lower Upper
330 100
332 97.4 77.8 116.8
141 51.2 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 67.322 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Tgt Ion:172 Resp: 1980256
Ion Ratio Lower Upper
172 100
171 35.7 27.9 41.9
170 23.9 18.6 27.8

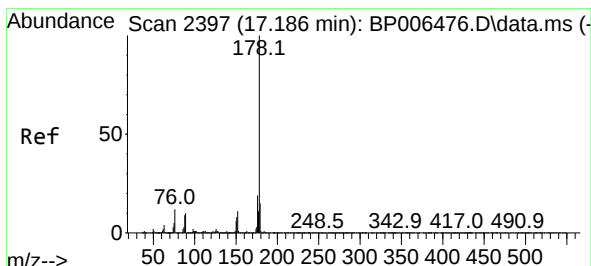
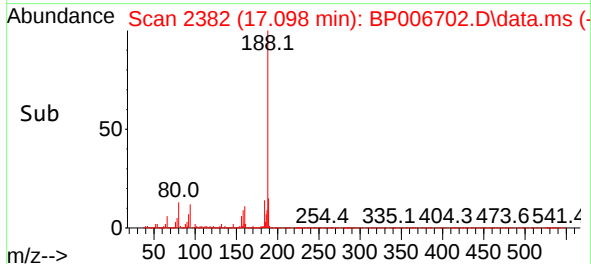
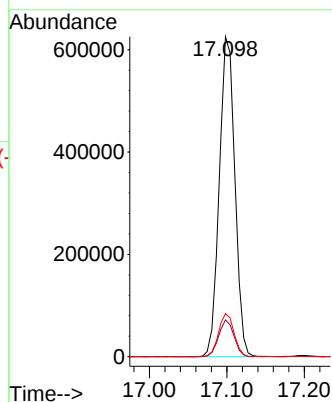
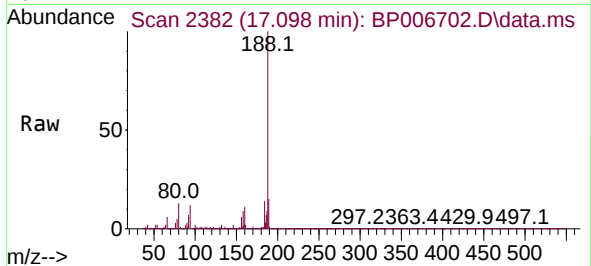




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.006 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

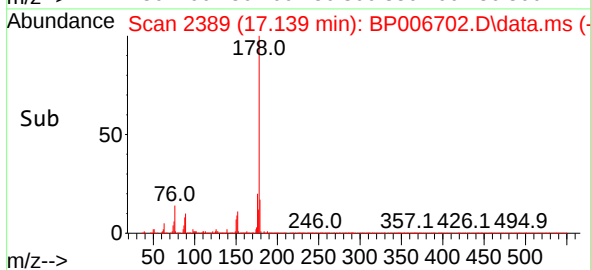
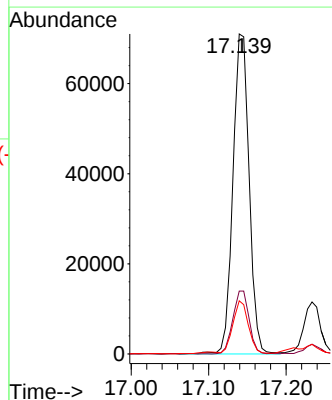
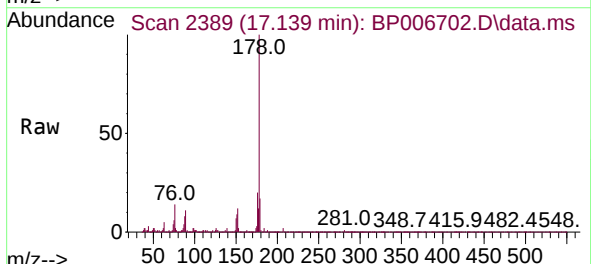
Instrument :
BNA_P
ClientSampled :
20N

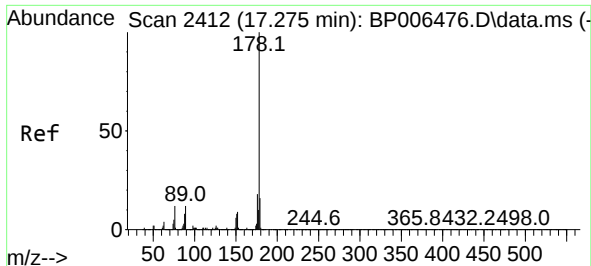
Tgt Ion:188 Resp: 874082
Ion Ratio Lower Upper
188 100
94 11.5 5.6 8.4#
80 13.4 6.3 9.5#



#71
Phenanthrene
Concen: 2.096 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.006 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Tgt Ion:178 Resp: 103354
Ion Ratio Lower Upper
178 100
176 19.7 15.1 22.7
179 16.6 12.4 18.6

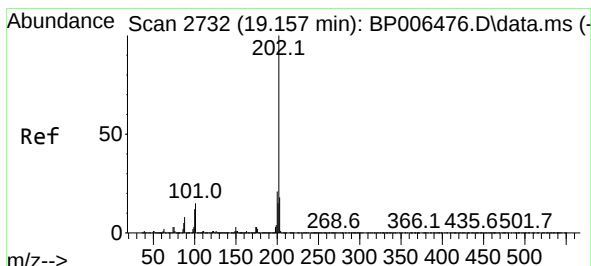
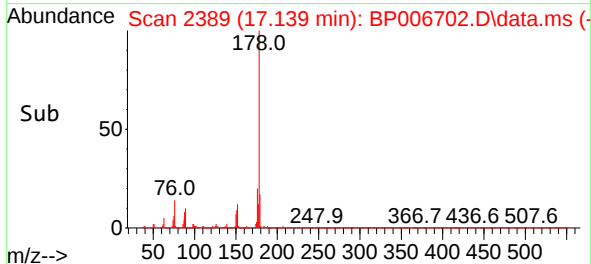
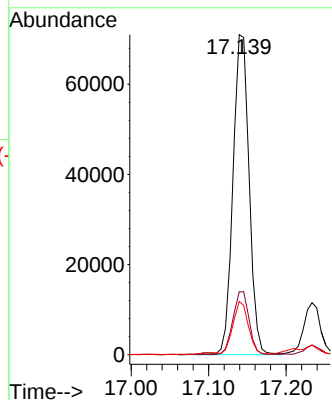
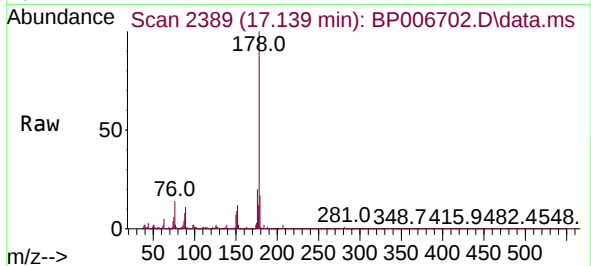




#72
 Anthracene
 Concen: 2.169 ng
 RT: 17.139 min Scan# 2389
 Delta R.T. -0.100 min
 Lab File: BP006702.D
 Acq: 17 Aug 2021 02:02

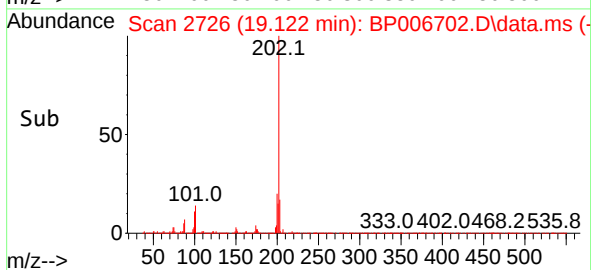
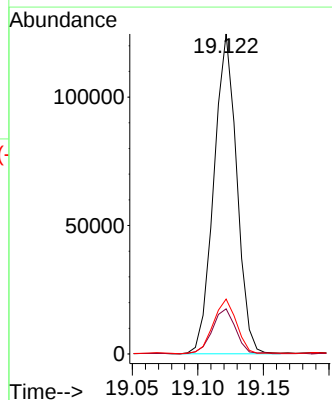
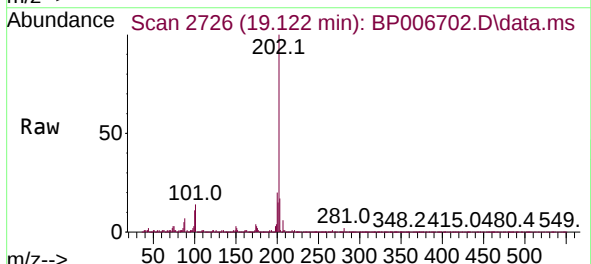
Instrument :
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 ClientSampleId :
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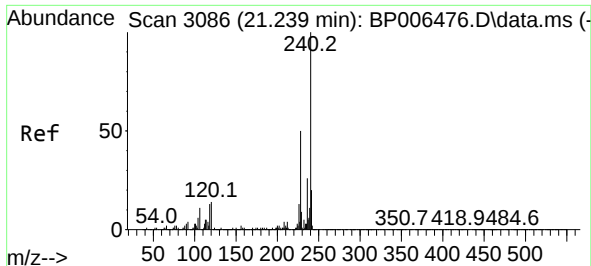
Tgt Ion:178 Resp: 103354
 Ion Ratio Lower Upper
 178 100
 176 19.7 14.9 22.3
 179 16.6 12.2 18.2



#75
 Fluoranthene
 Concen: 2.732 ng
 RT: 19.122 min Scan# 2726
 Delta R.T. -0.006 min
 Lab File: BP006702.D
 Acq: 17 Aug 2021 02:02

Tgt Ion:202 Resp: 151172
 Ion Ratio Lower Upper
 202 100
 101 14.1 0.0 27.6
 203 17.2 0.0 37.8

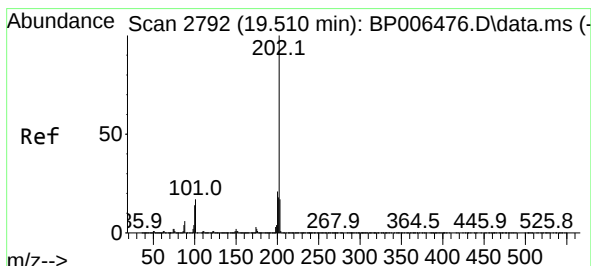
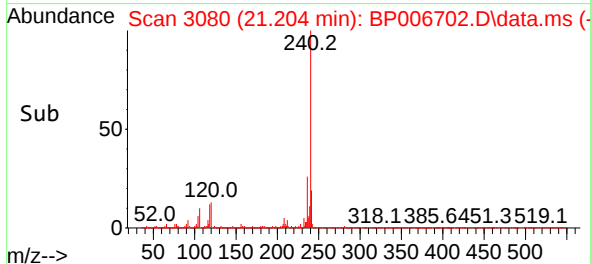
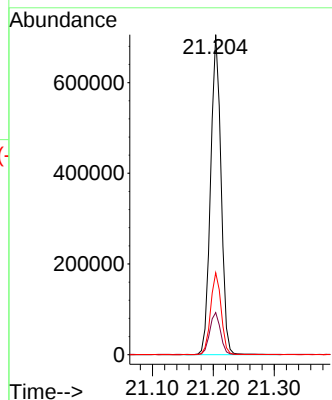
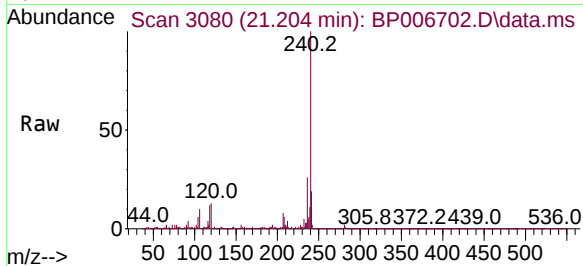




#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

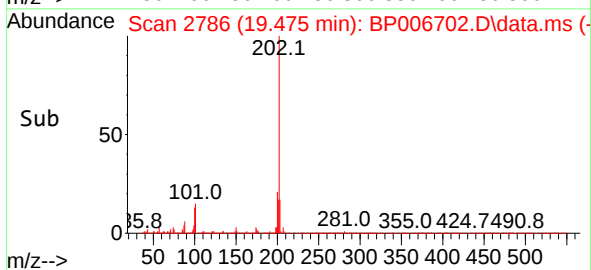
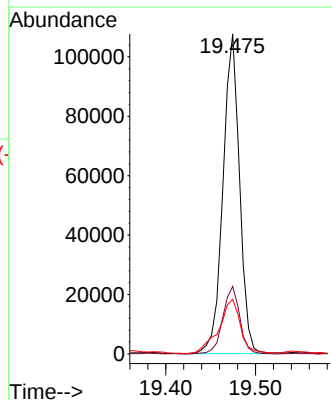
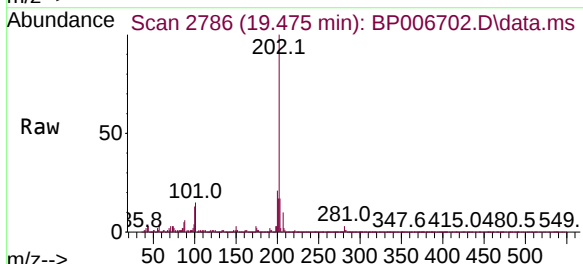
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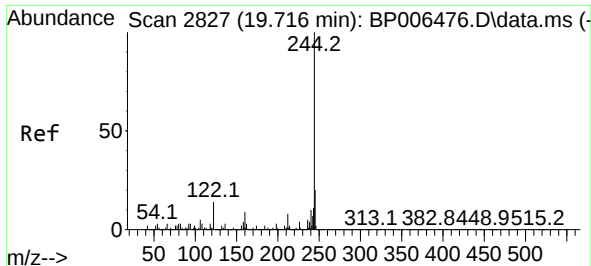
Tgt Ion:240 Resp: 842219
Ion Ratio Lower Upper
240 100
120 13.2 6.5 9.7#
236 25.6 20.6 31.0



#78
Pyrene
Concen: 2.454 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Tgt Ion:202 Resp: 138032
Ion Ratio Lower Upper
202 100
200 21.1 16.3 24.5
203 17.1 14.2 21.2

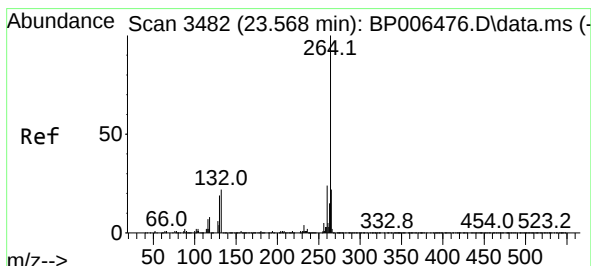
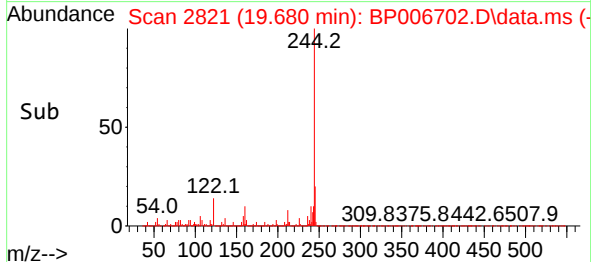
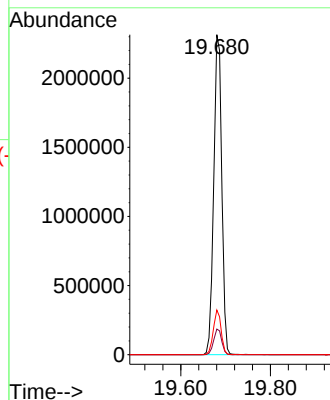
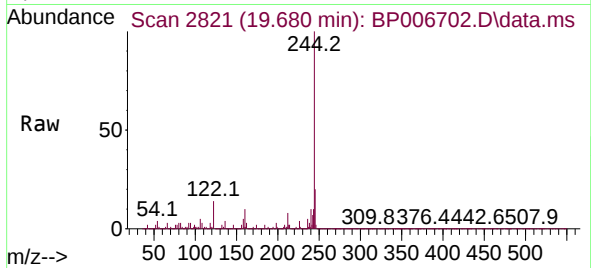




#79
Terphenyl-d14
Concen: 68.323 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Instrument :
BNA_P
ClientSampleId :
20N

Tgt Ion:244 Resp: 2871721
Ion Ratio Lower Upper
244 100
212 8.0 6.0 9.0
122 14.0 7.1 10.7#



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006702.D
Acq: 17 Aug 2021 02:02

Tgt Ion:264 Resp: 894926
Ion Ratio Lower Upper
264 100
260 24.1 18.6 28.0
265 22.2 17.6 26.4

