

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006699.D
 Acq On : 17 Aug 2021 00:19
 Operator : CG/JU
 Sample : M3425-20
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 23S

Quant Time: Aug 17 02:28:33 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)

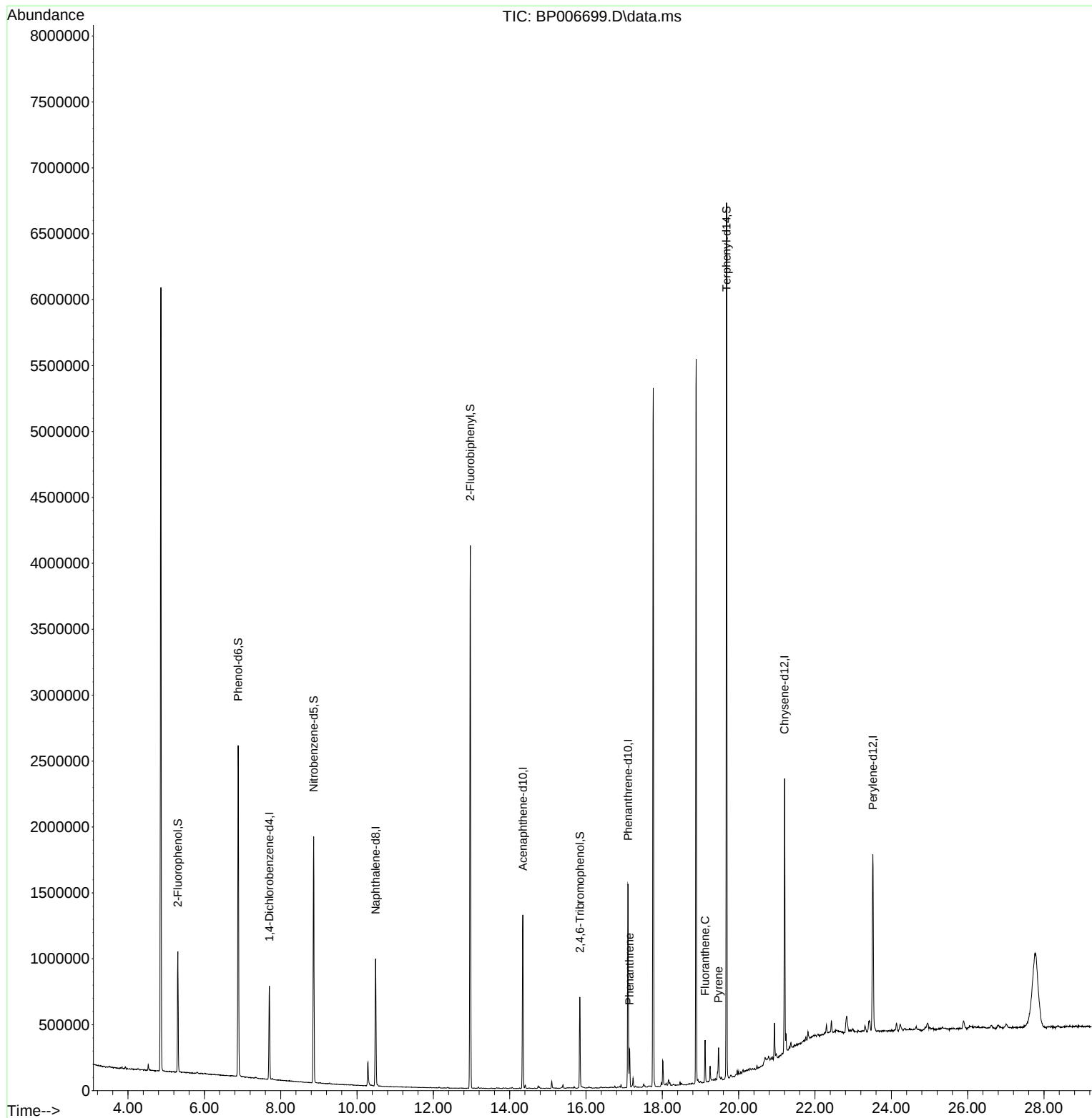
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	173456	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	725411	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	408781	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	830772	20.000	ng	# 0.00
76) Chrysene-d12	21.204	240	818819	20.000	ng	# 0.00
86) Perylene-d12	23.515	264	870903	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	366612	32.463	ng	0.00
7) Phenol-d6	6.887	99	1338707	83.450	ng	0.00
23) Nitrobenzene-d5	8.863	82	1078395	68.618	ng	0.00
42) 2,4,6-Tribromophenol	15.839	330	96059	22.485	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	1859067	68.041	ng	0.00
79) Terphenyl-d14	19.680	244	2694844	65.947	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.145	178	157010	3.351	ng	100
75) Fluoranthene	19.122	202	156798	2.981	ng	95
78) Pyrene	19.475	202	133343	2.438	ng	99

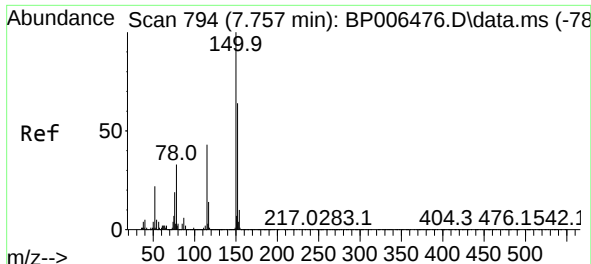
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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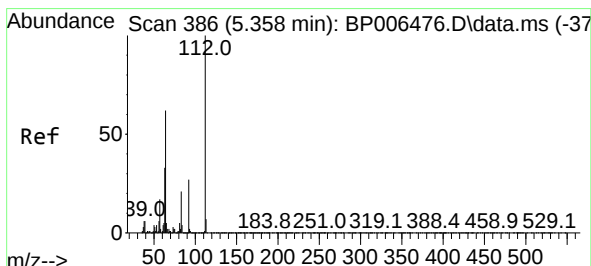
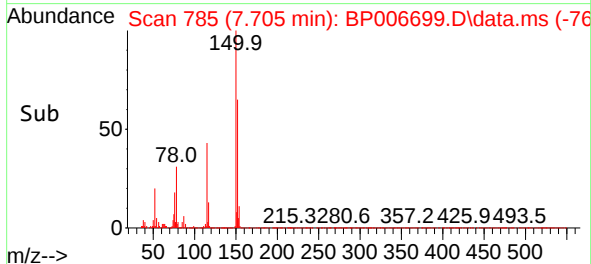
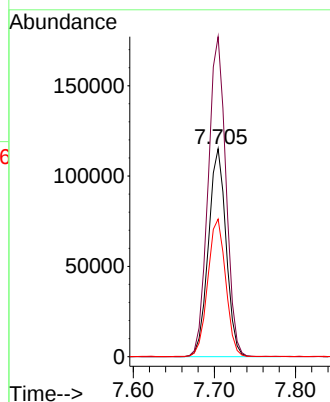
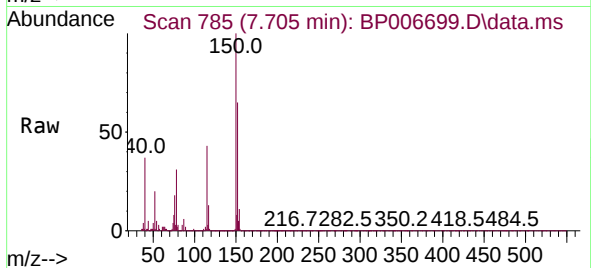




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

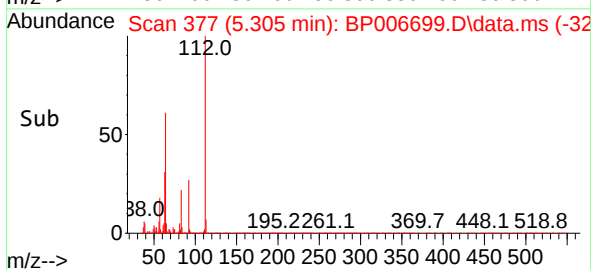
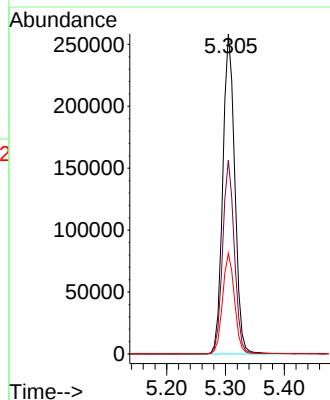
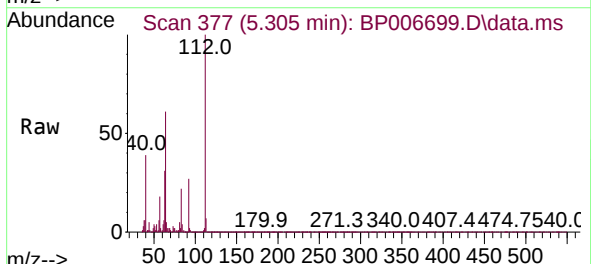
Instrument :
BNA_P
ClientSampleId :
23S

Tgt Ion:152 Resp: 173456
Ion Ratio Lower Upper
152 100
150 153.9 125.6 188.4
115 66.2 48.5 72.7



#5
2-Fluorophenol
Concen: 32.463 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

Tgt Ion:112 Resp: 366612
Ion Ratio Lower Upper
112 100
64 60.6 41.4 62.2
63 31.5 23.8 35.8

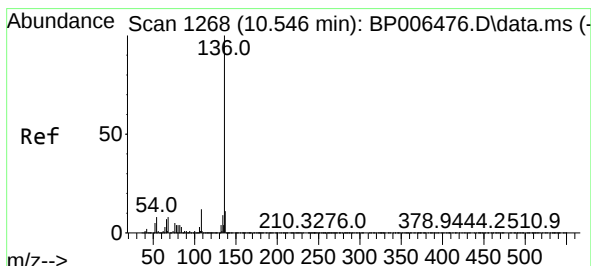
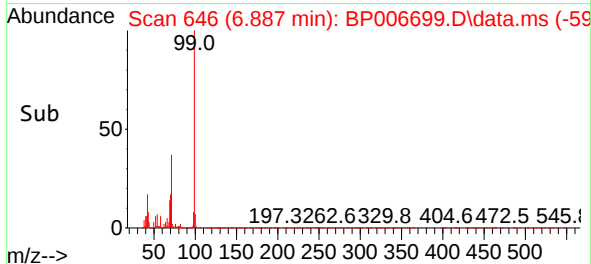
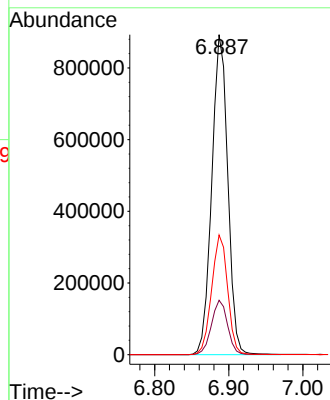
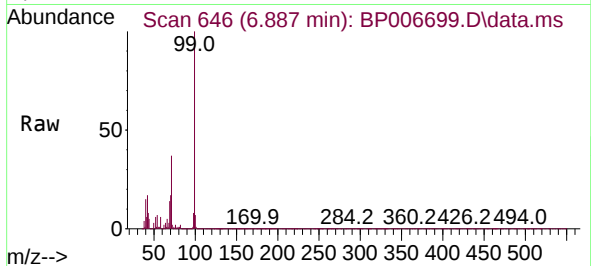




#7
Phenol-d6
Concen: 83.450 ng
RT: 6.887 min Scan# 646
Delta R.T. 0.000 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

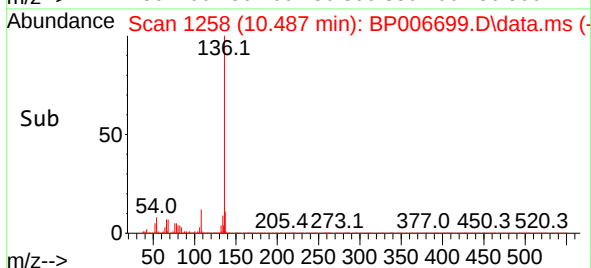
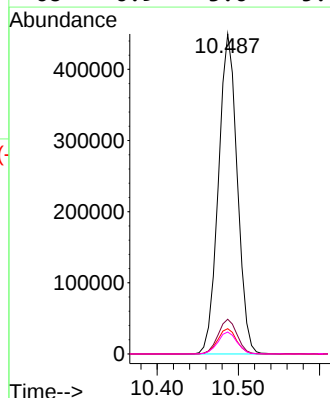
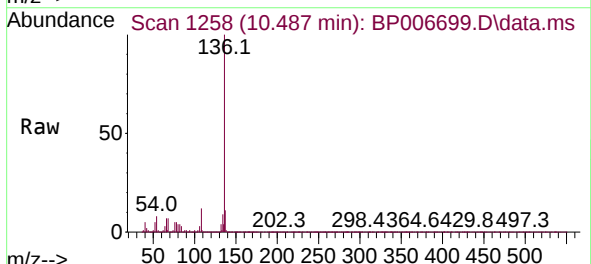
Instrument :
BNA_P
ClientSampleId :
23S

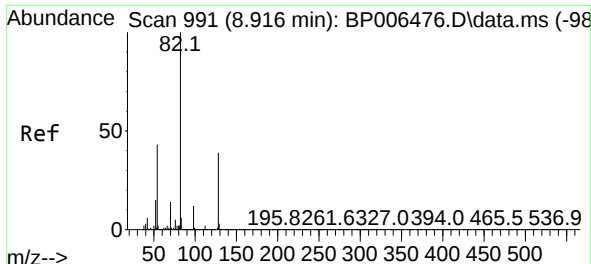
Tgt Ion: 99 Resp: 1338707
Ion Ratio Lower Upper
99 100
42 17.0 13.4 20.0
71 37.4 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

Tgt Ion: 136 Resp: 725411
Ion Ratio Lower Upper
136 100
137 10.8 8.6 12.8
54 7.9 4.6 6.8#
68 6.9 3.6 5.4#

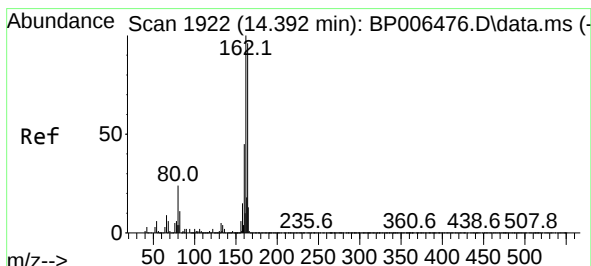
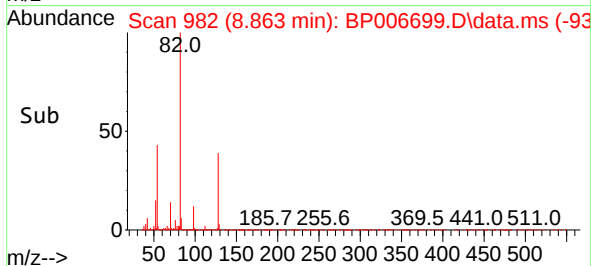
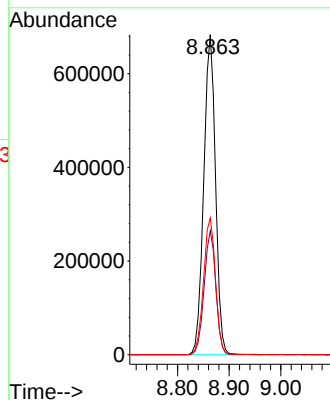
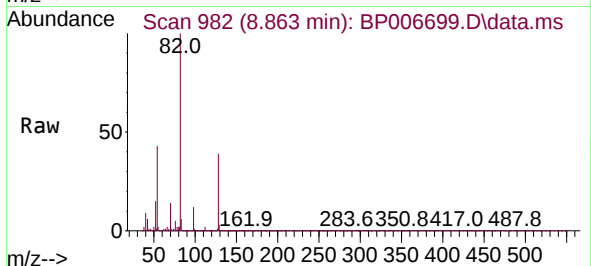




#23
Nitrobenzene-d5
Concen: 68.618 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

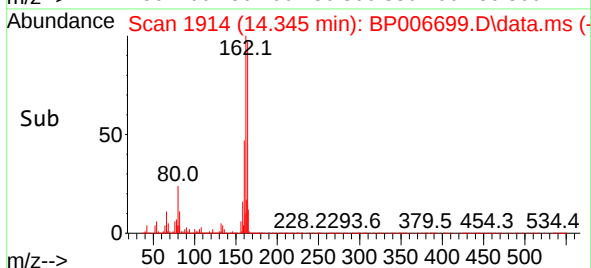
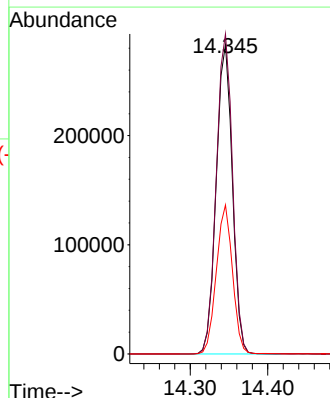
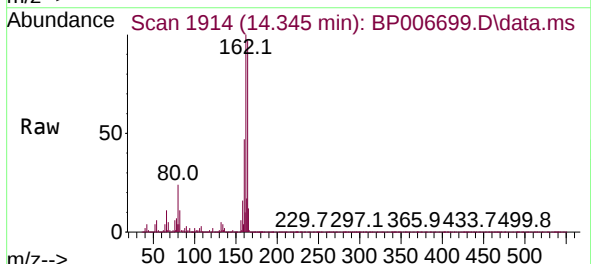
Instrument :
BNA_P
ClientSampleId :
23S

Tgt Ion: 82 Resp: 1078395
Ion Ratio Lower Upper
82 100
128 38.7 35.7 53.5
54 42.8 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: BP006699.D
Acq: 17 Aug 2021 00:19

Tgt Ion:164 Resp: 408781
Ion Ratio Lower Upper
164 100
162 103.4 80.2 120.2
160 48.1 34.5 51.7

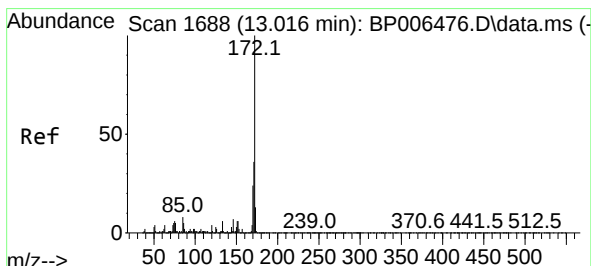
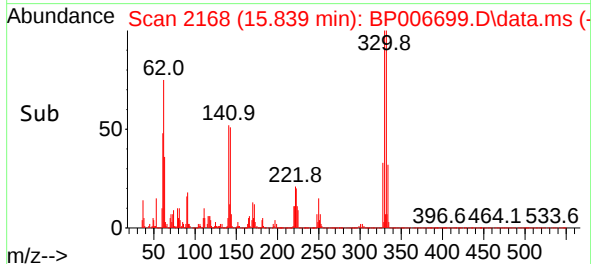
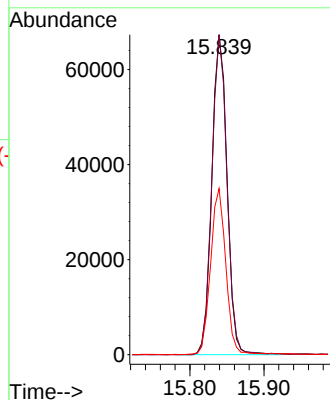
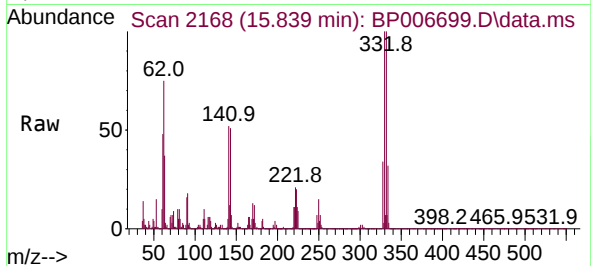




#42
2,4,6-Tribromophenol
Concen: 22.485 ng
RT: 15.839 min Scan# 2168
Delta R.T. -0.006 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

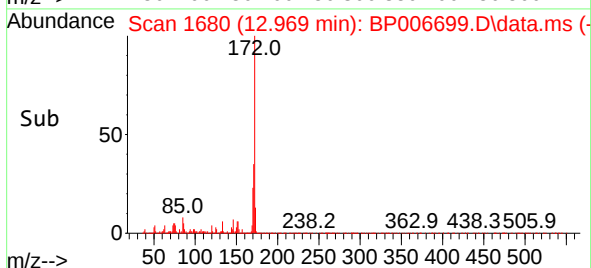
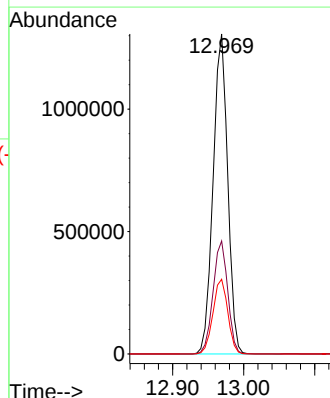
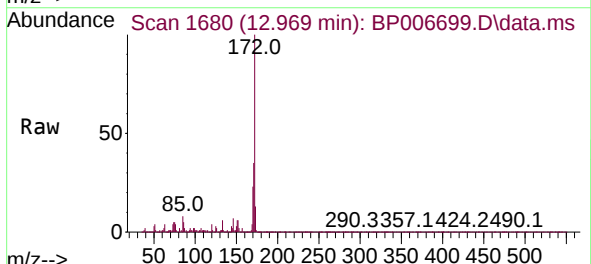
Instrument :
BNA_P
ClientSampleId :
23S

Tgt Ion:330 Resp: 96059
Ion Ratio Lower Upper
330 100
332 99.3 77.8 116.8
141 52.6 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 68.041 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

Tgt Ion:172 Resp: 1859067
Ion Ratio Lower Upper
172 100
171 35.3 27.9 41.9
170 23.3 18.6 27.8

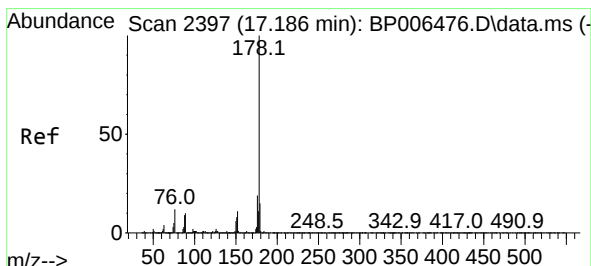
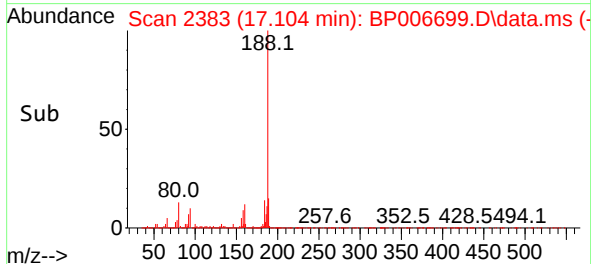
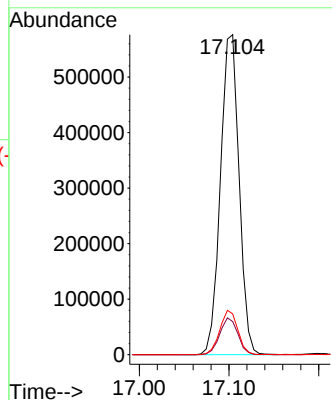
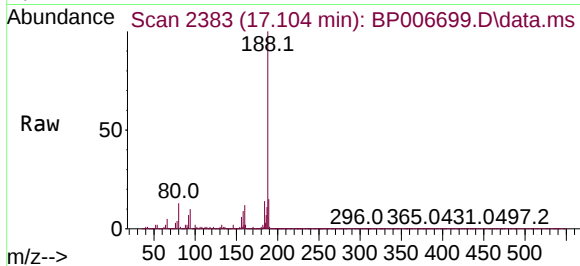




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

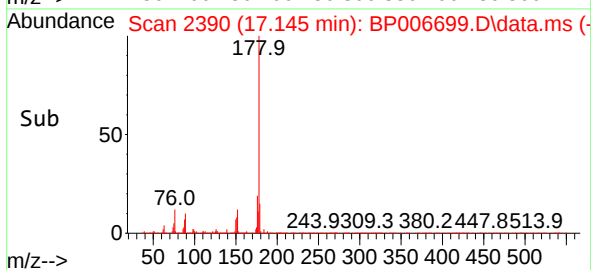
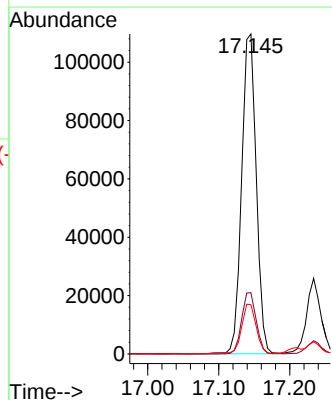
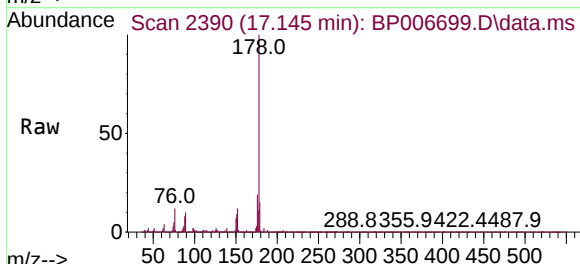
Instrument :
BNA_P
ClientSampled :
23S

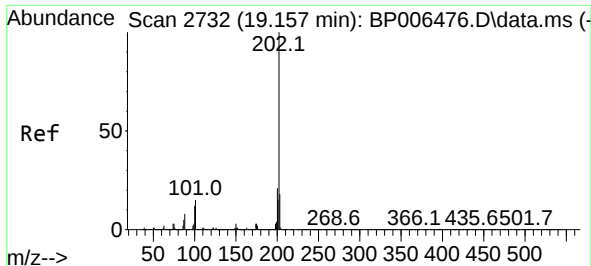
Tgt Ion:188 Resp: 830772
Ion Ratio Lower Upper
188 100
94 10.4 5.6 8.4#
80 12.7 6.3 9.5#



#71
Phenanthrene
Concen: 3.351 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

Tgt Ion:178 Resp: 157010
Ion Ratio Lower Upper
178 100
176 19.2 15.1 22.7
179 15.4 12.4 18.6

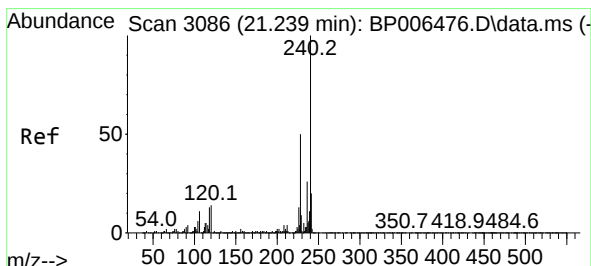
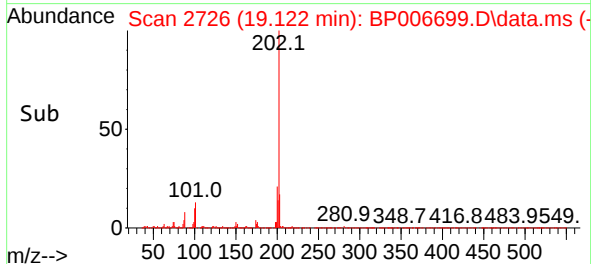
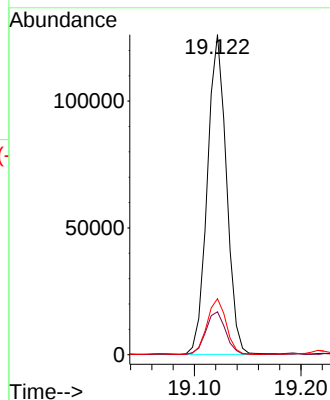
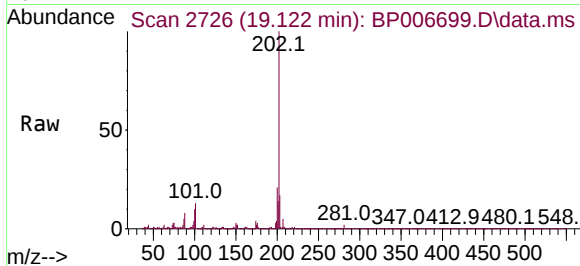




#75
Fluoranthene
Concen: 2.981 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

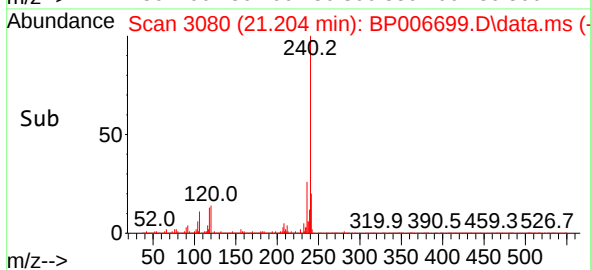
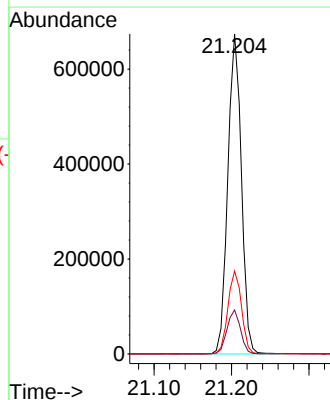
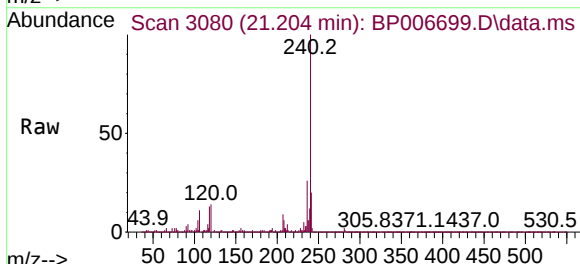
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BNA_P
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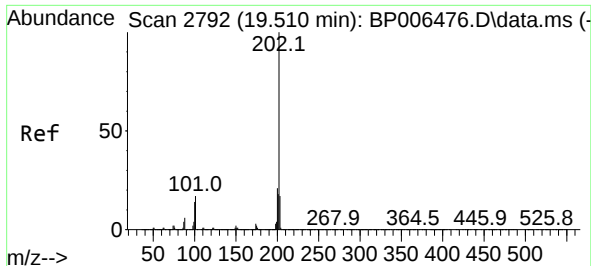
Tgt Ion:	202	Resp:	156798
Ion Ratio	Lower	Upper	
202	100		
101	13.4	0.0	27.6
203	17.5	0.0	37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.204 min Scan# 3080
Delta R.T. -0.006 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

Tgt Ion:	240	Resp:	818819
Ion Ratio	Lower	Upper	
240	100		
120	13.7	6.5	9.7#
236	25.9	20.6	31.0

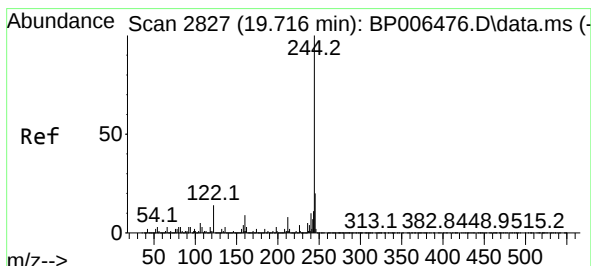
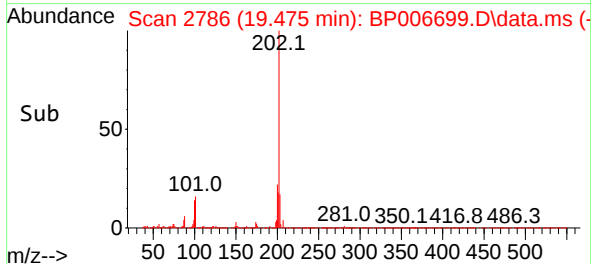
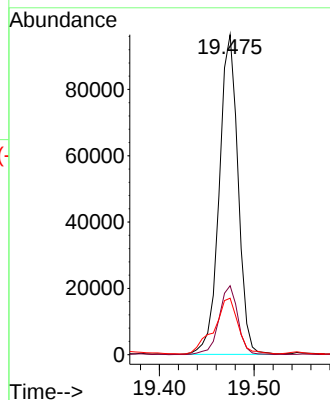
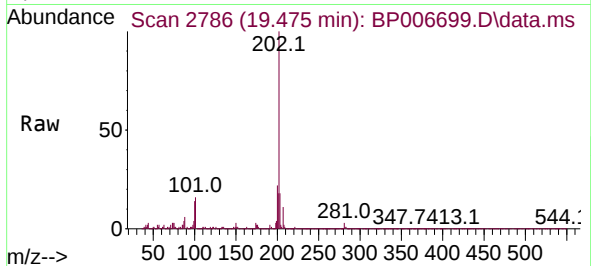




#78
Pyrene
Concen: 2.438 ng
RT: 19.475 min Scan# 2786
Delta R.T. -0.006 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

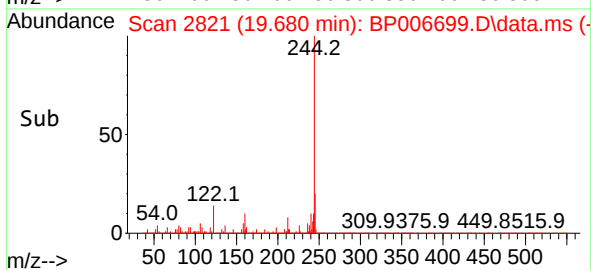
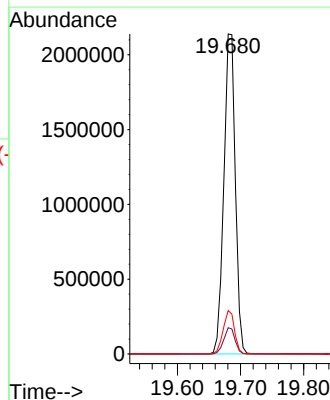
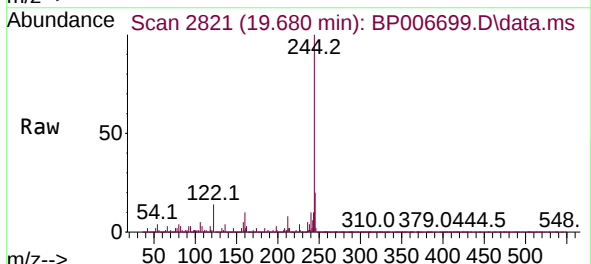
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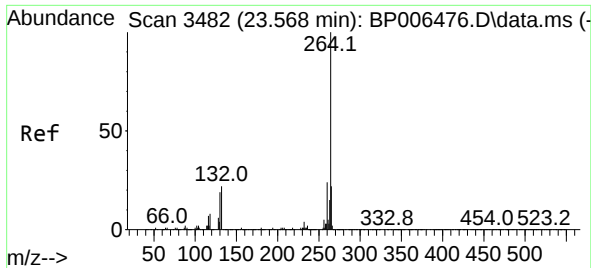
Tgt Ion:202 Resp: 133343
Ion Ratio Lower Upper
202 100
200 21.6 16.3 24.5
203 17.7 14.2 21.2



#79
Terphenyl-d14
Concen: 65.947 ng
RT: 19.680 min Scan# 2821
Delta R.T. -0.006 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

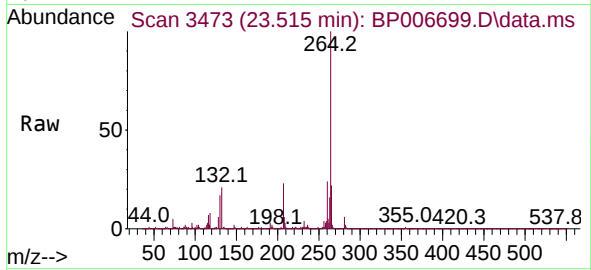
Tgt Ion:244 Resp: 2694844
Ion Ratio Lower Upper
244 100
212 8.2 6.0 9.0
122 13.5 7.1 10.7#





#86
Perylene-d12
Concen: 20.000 ng
RT: 23.515 min Scan# 3473
Delta R.T. -0.012 min
Lab File: BP006699.D
Acq: 17 Aug 2021 00:19

Instrument :
BNA_P
ClientSampleId :
23S



Tgt Ion:264 Resp: 870903

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.6	28.0
265	21.8	17.6	26.4

