

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081721\
 Data File : BP006691.D
 Acq On : 16 Aug 2021 19:46
 Operator : CG/JU
 Sample : M3407-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 25N

Quant Time: Aug 17 02:03:05 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)

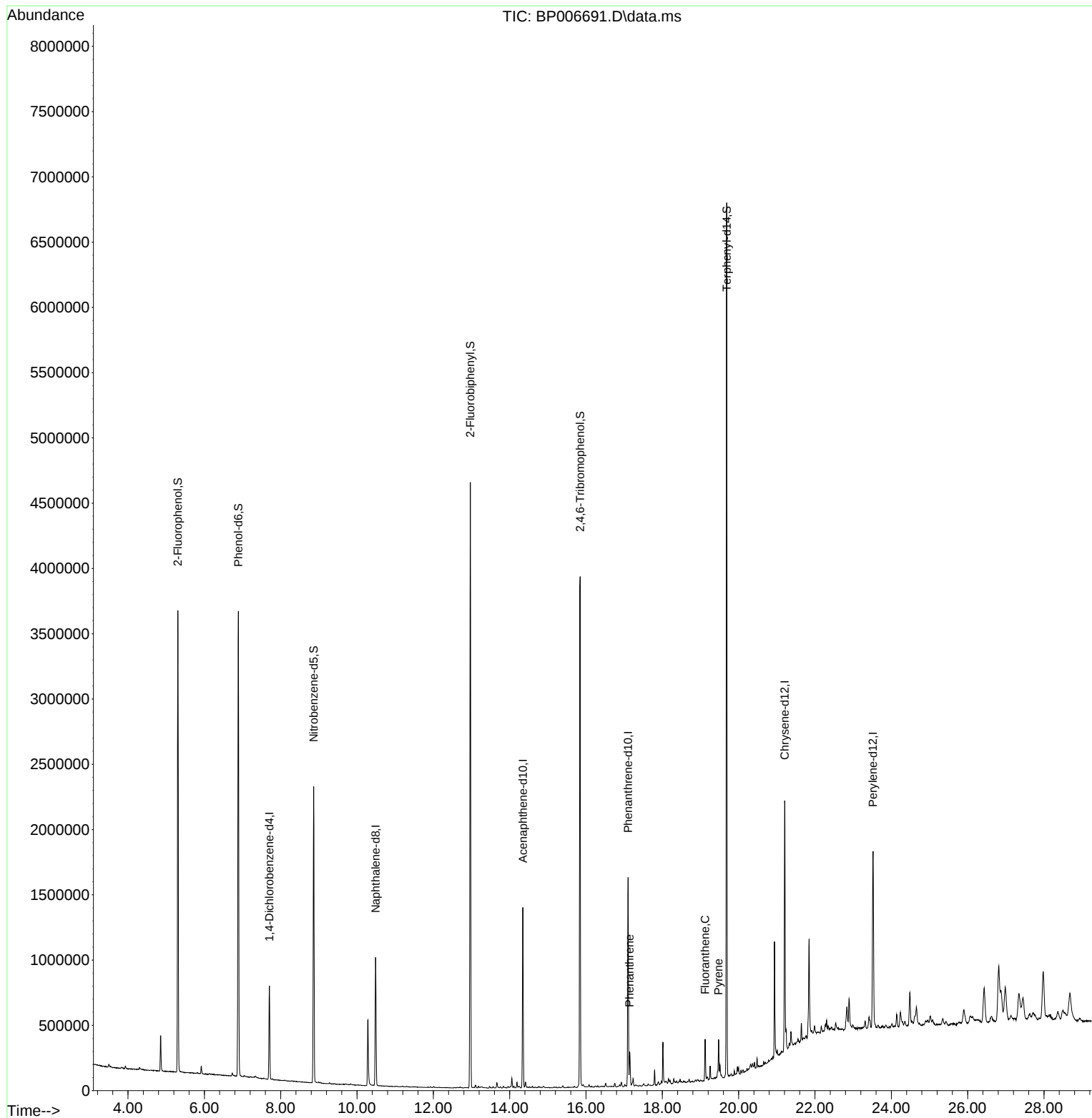
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	174214	20.000	ng	0.00
21) Naphthalene-d8	10.487	136	738984	20.000	ng	# 0.00
39) Acenaphthene-d10	14.345	164	414650	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	829672	20.000	ng	# 0.00
76) Chrysene-d12	21.210	240	813645	20.000	ng	# 0.00
86) Perylene-d12	23.521	264	870568	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.305	112	1471084	129.697	ng	0.00
7) Phenol-d6	6.893	99	1944077	120.659	ng	0.00
23) Nitrobenzene-d5	8.863	82	1322258	82.589	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	575173	132.726	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	2063193	74.444	ng	0.00
79) Terphenyl-d14	19.686	244	2752153	67.778	ng	0.00
Target Compounds						
						Qvalue
71) Phenanthrene	17.145	178	126719	2.708	ng	98
75) Fluoranthene	19.122	202	158338	3.014	ng	95
78) Pyrene	19.475	202	147565	2.715	ng	99

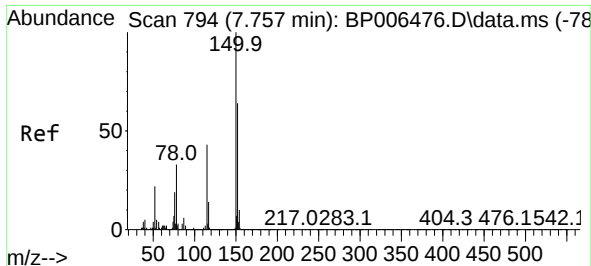
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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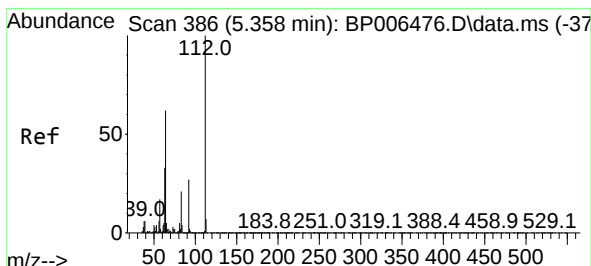
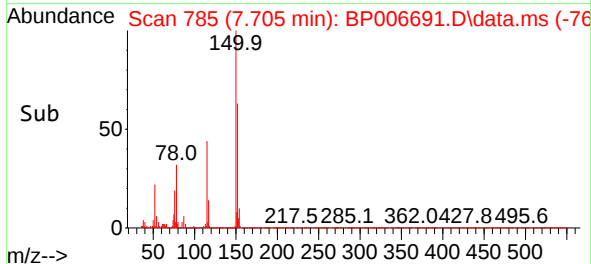
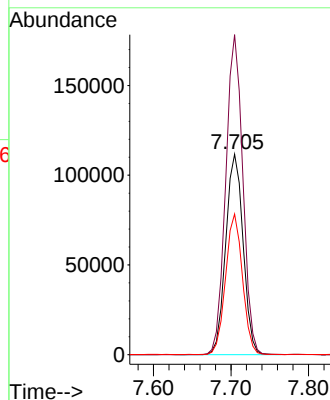
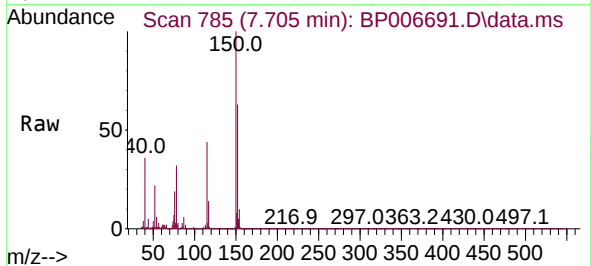




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.705 min Scan# 785
Delta R.T. -0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

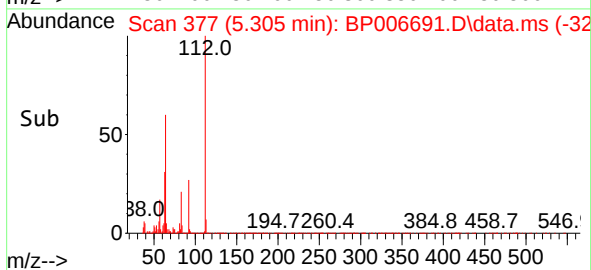
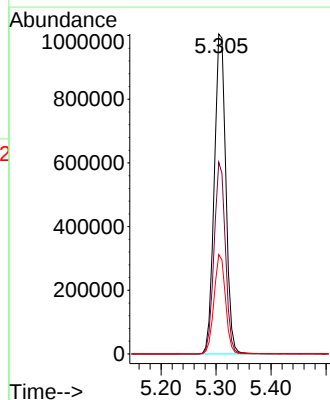
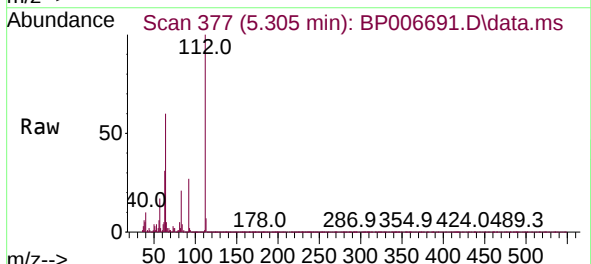
Instrument :
BNA_P
ClientSampleId :
25N

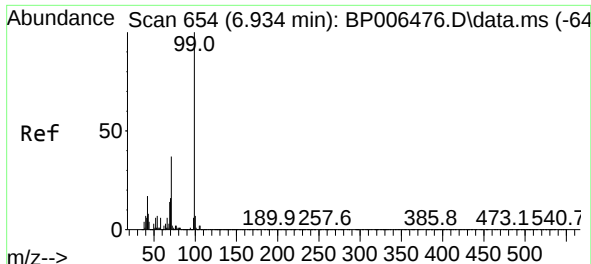
Tgt Ion:152 Resp: 174214
Ion Ratio Lower Upper
152 100
150 159.6 125.6 188.4
115 70.2 48.5 72.7



#5
2-Fluorophenol
Concen: 129.697 ng
RT: 5.305 min Scan# 377
Delta R.T. 0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

Tgt Ion:112 Resp: 1471084
Ion Ratio Lower Upper
112 100
64 59.9 41.4 62.2
63 31.1 23.8 35.8

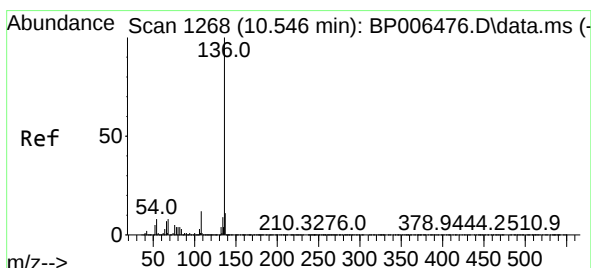
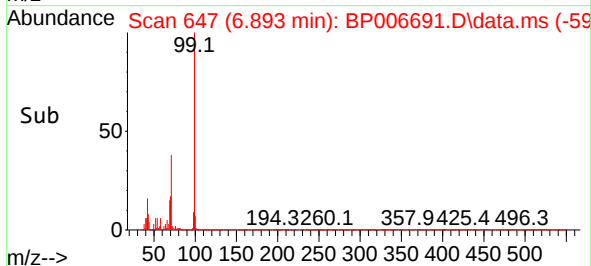
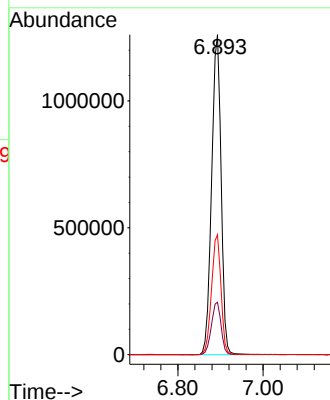
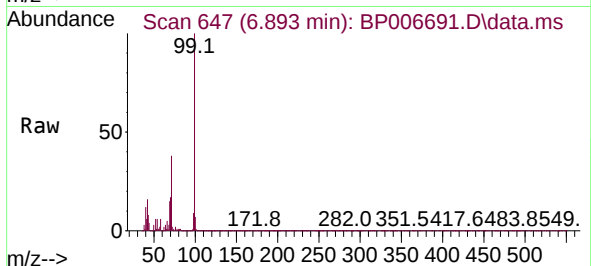




#7
Phenol-d6
Concen: 120.659 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.006 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

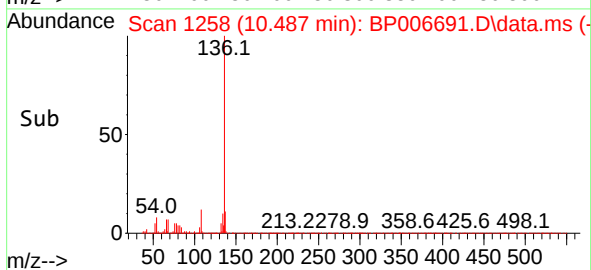
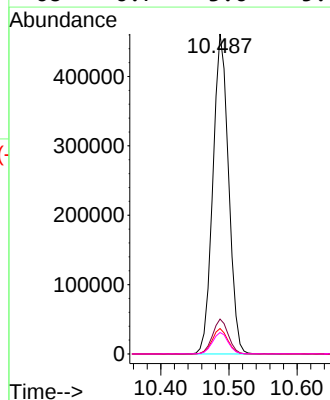
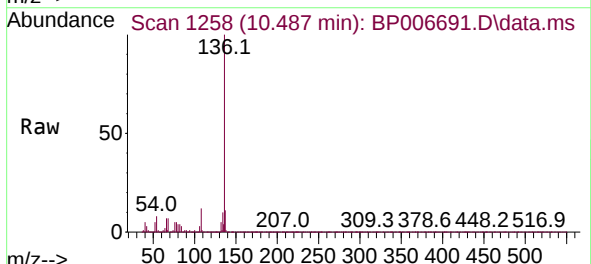
Instrument :
BNA_P
ClientSampleId :
25N

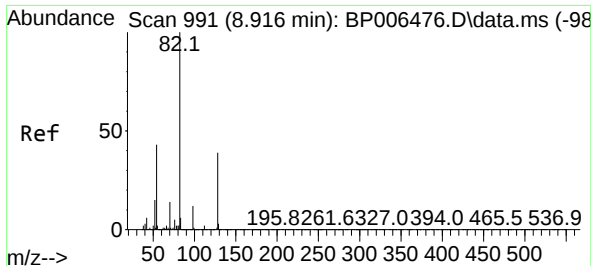
Tgt Ion: 99 Resp: 1944077
Ion Ratio Lower Upper
99 100
42 16.4 13.4 20.0
71 37.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.487 min Scan# 1258
Delta R.T. -0.006 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

Tgt Ion: 136 Resp: 738984
Ion Ratio Lower Upper
136 100
137 10.9 8.6 12.8
54 8.0 4.6 6.8#
68 6.7 3.6 5.4#

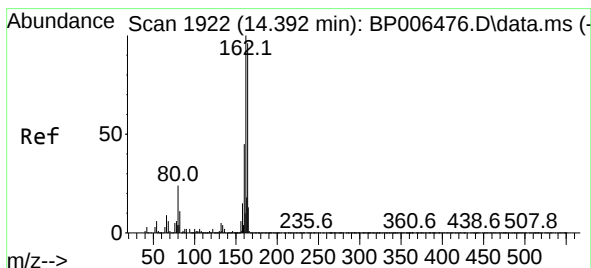
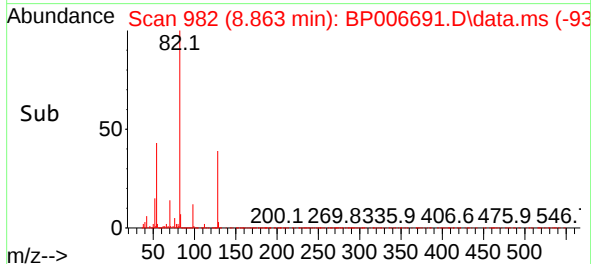
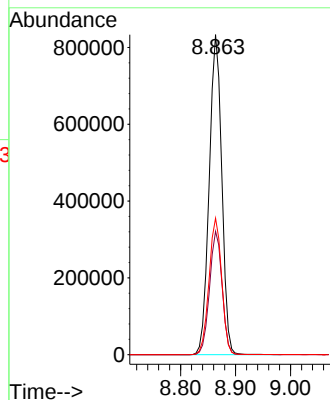
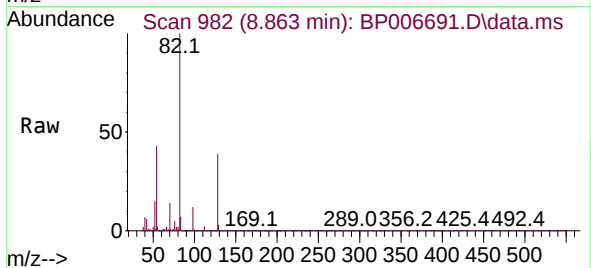




#23
Nitrobenzene-d5
Concen: 82.589 ng
RT: 8.863 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

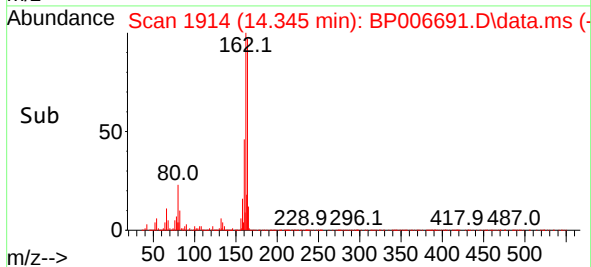
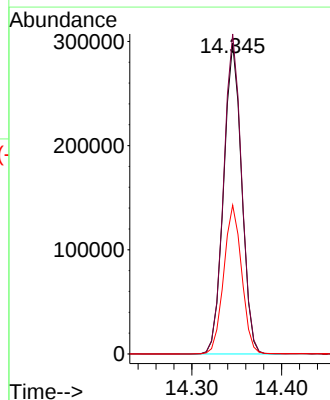
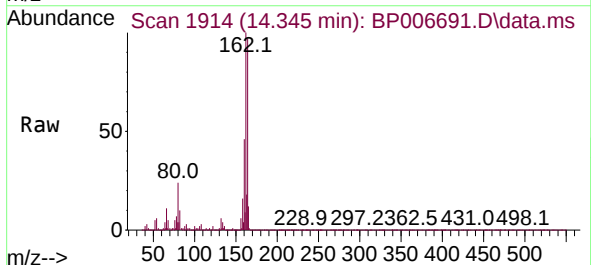
Instrument :
BNA_P
ClientSampleId :
25N

Tgt Ion: 82 Resp: 1322258
Ion Ratio Lower Upper
82 100
128 38.5 35.7 53.5
54 42.6 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: BP006691.D
Acq: 16 Aug 2021 19:46

Tgt Ion:164 Resp: 414650
Ion Ratio Lower Upper
164 100
162 103.0 80.2 120.2
160 47.9 34.5 51.7

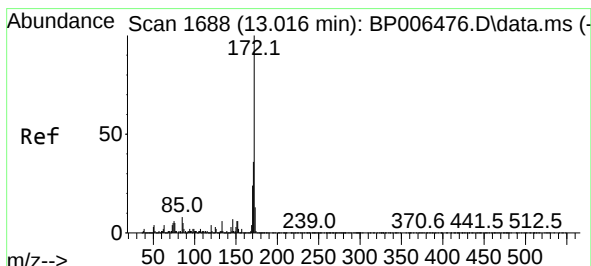
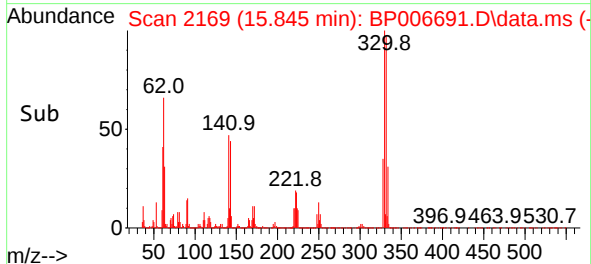
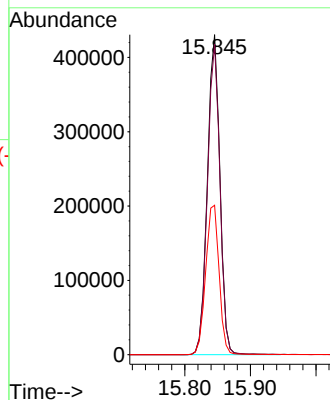
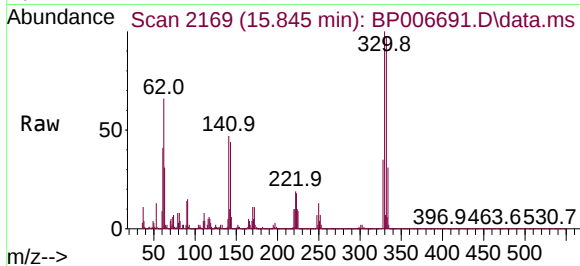




#42
2,4,6-Tribromophenol
Concen: 132.726 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

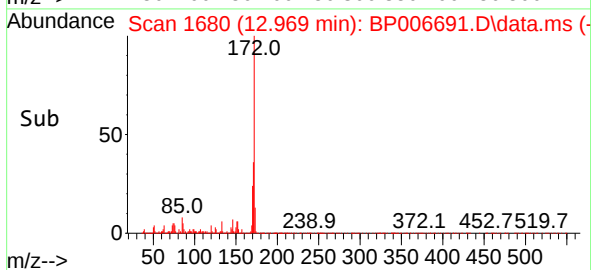
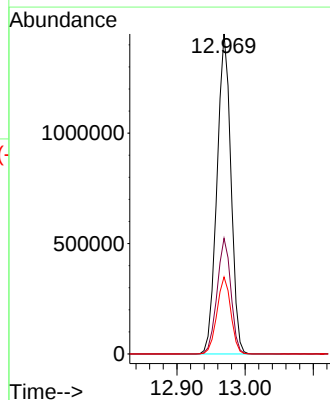
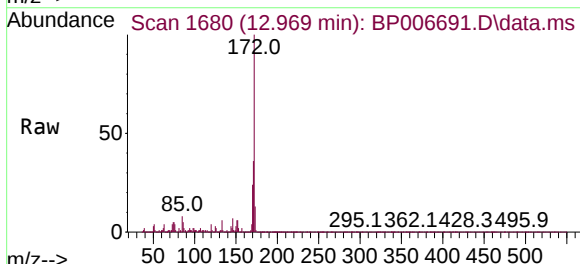
Instrument :
BNA_P
ClientSampleId :
25N

Tgt Ion:330 Resp: 575173
Ion Ratio Lower Upper
330 100
332 96.5 77.8 116.8
141 50.0 25.4 38.2#



#45
2-Fluorobiphenyl
Concen: 74.444 ng
RT: 12.969 min Scan# 1680
Delta R.T. 0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

Tgt Ion:172 Resp: 2063193
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 24.1 18.6 27.8

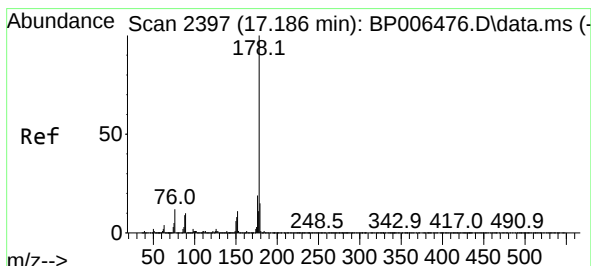
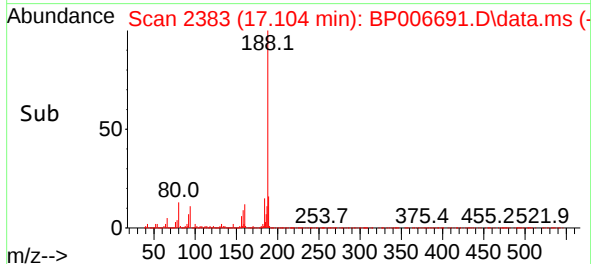
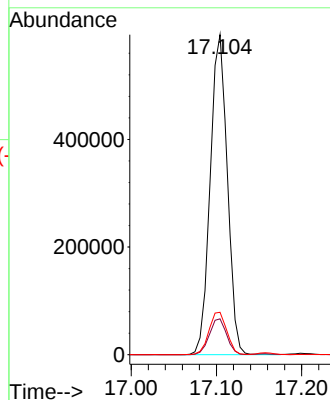
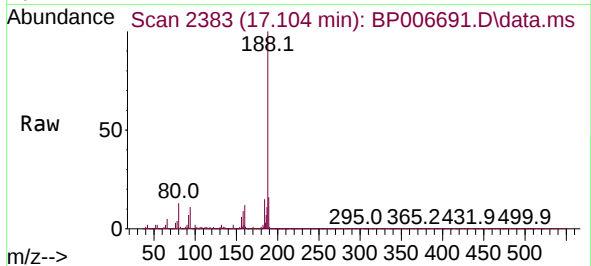




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.104 min Scan# 2383
Delta R.T. 0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

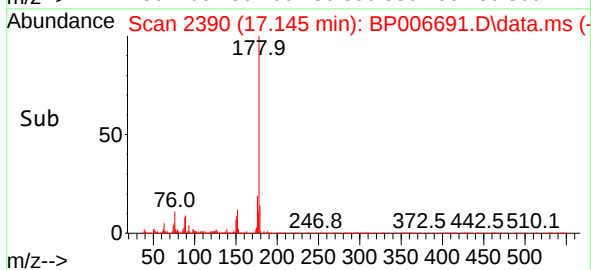
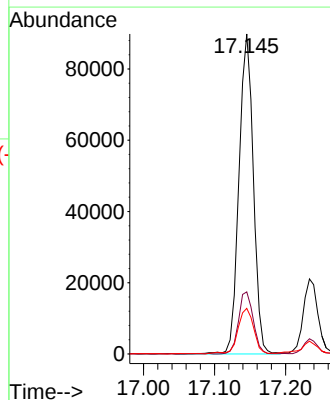
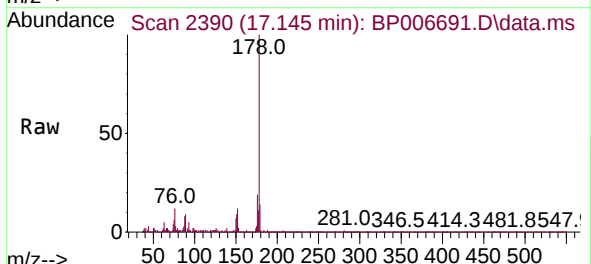
Instrument :
BNA_P
ClientSampleId :
25N

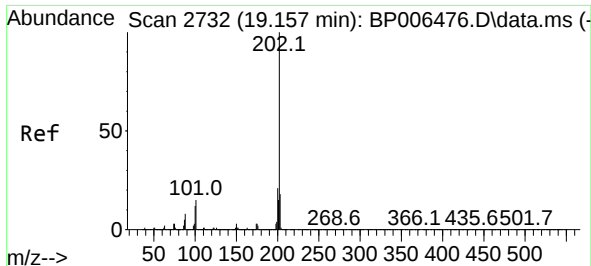
Tgt Ion:188 Resp: 829672
Ion Ratio Lower Upper
188 100
94 11.2 5.6 8.4#
80 13.3 6.3 9.5#



#71
Phenanthrene
Concen: 2.708 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

Tgt Ion:178 Resp: 126719
Ion Ratio Lower Upper
178 100
176 19.4 15.1 22.7
179 14.3 12.4 18.6

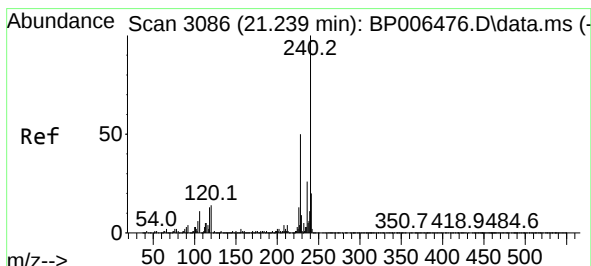
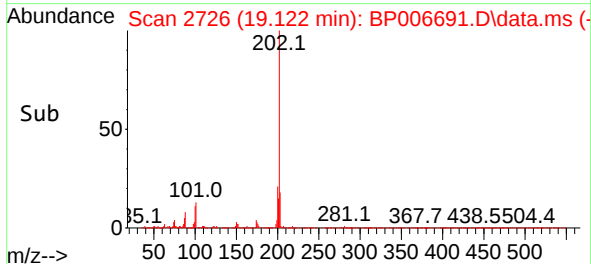
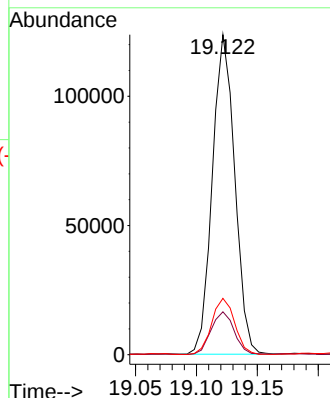
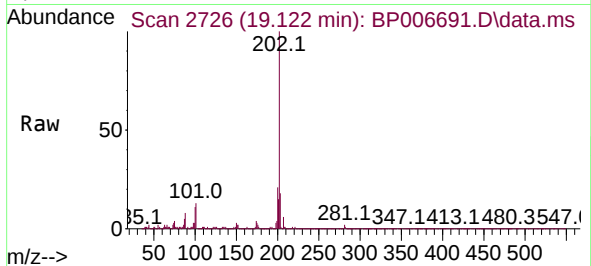




#75
Fluoranthene
Concen: 3.014 ng
RT: 19.122 min Scan# 2726
Delta R.T. -0.006 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

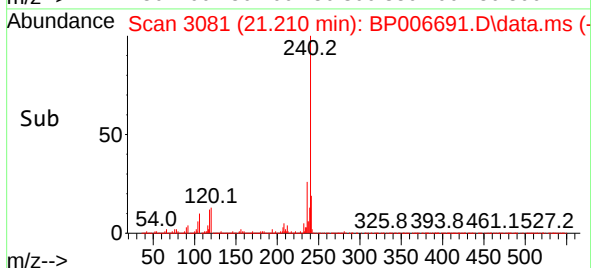
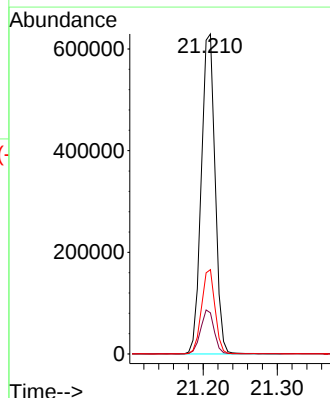
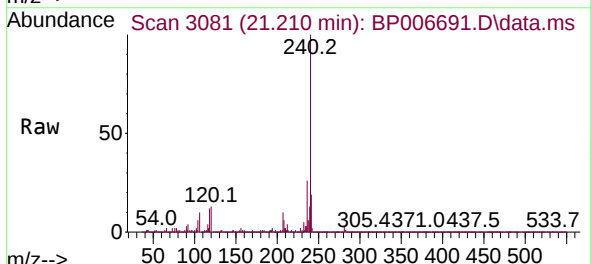
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BNA_P
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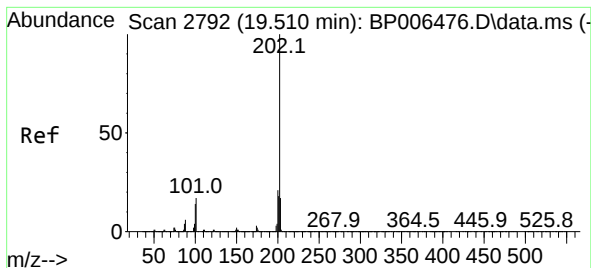
Tgt Ion:202 Resp: 158338
Ion Ratio Lower Upper
202 100
101 13.4 0.0 27.6
203 17.6 0.0 37.8



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.210 min Scan# 3081
Delta R.T. 0.000 min
Lab File: BP006691.D
Acq: 16 Aug 2021 19:46

Tgt Ion:240 Resp: 813645
Ion Ratio Lower Upper
240 100
120 12.9 6.5 9.7#
236 26.4 20.6 31.0





#78

Pyrene

Concen: 2.715 ng

RT: 19.475 min Scan# 2786

Delta R.T. -0.006 min

Lab File: BP006691.D

Acq: 16 Aug 2021 19:46

Tgt Ion:202 Resp: 147565

Ion Ratio Lower Upper

202 100

200 21.0 16.3 24.5

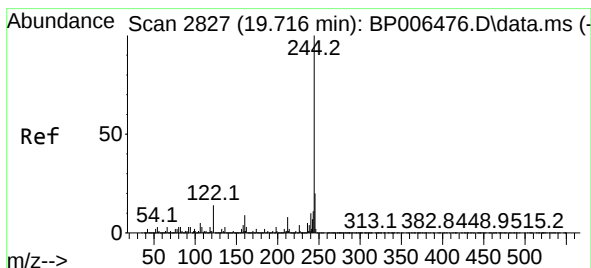
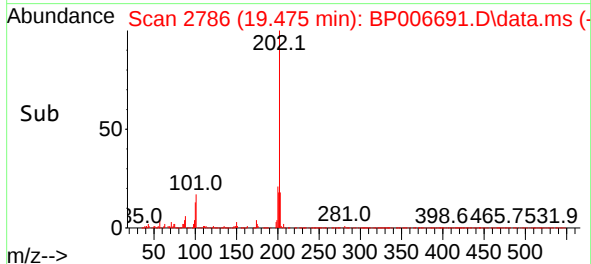
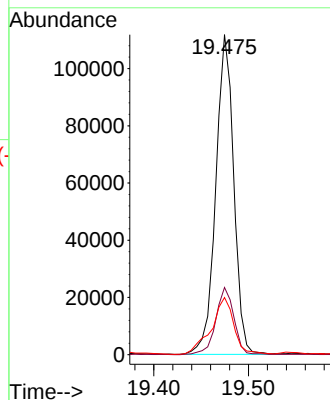
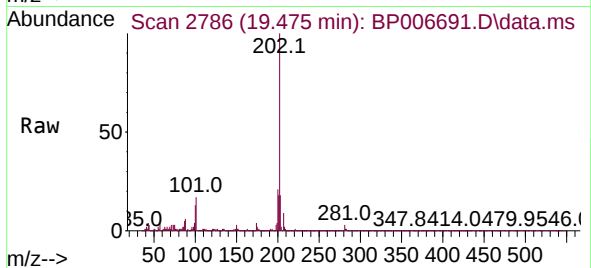
203 17.8 14.2 21.2

Instrument :

BNA_P

ClientSampleId :

25N



#79

Terphenyl-d14

Concen: 67.778 ng

RT: 19.686 min Scan# 2822

Delta R.T. 0.000 min

Lab File: BP006691.D

Acq: 16 Aug 2021 19:46

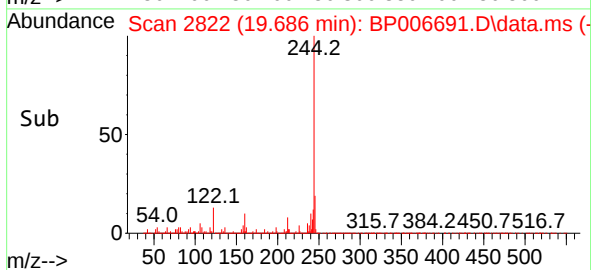
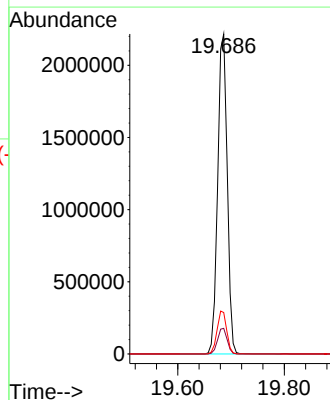
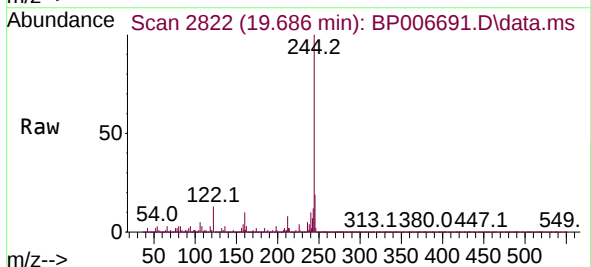
Tgt Ion:244 Resp: 2752153

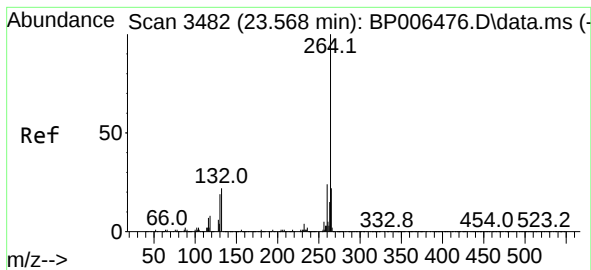
Ion Ratio Lower Upper

244 100

212 8.0 6.0 9.0

122 13.0 7.1 10.7#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.521 min Scan# 3474
 Delta R.T. -0.006 min
 Lab File: BP006691.D
 Acq: 16 Aug 2021 19:46

Instrument :
 BNA_P
 ClientSampleId :
 25N

Tgt Ion:	264	Resp:	870568
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.6	28.0
265	21.5	17.6	26.4

