

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
 Data File : BP000617.D
 Acq On : 10 Oct 2019 15:39
 Operator : JU
 Sample : K5292-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190855-AMENDED-COMP-B

Quant Time: Oct 11 04:43:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP100119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 01 18:03:42 2019
 Response via : Initial Calibration

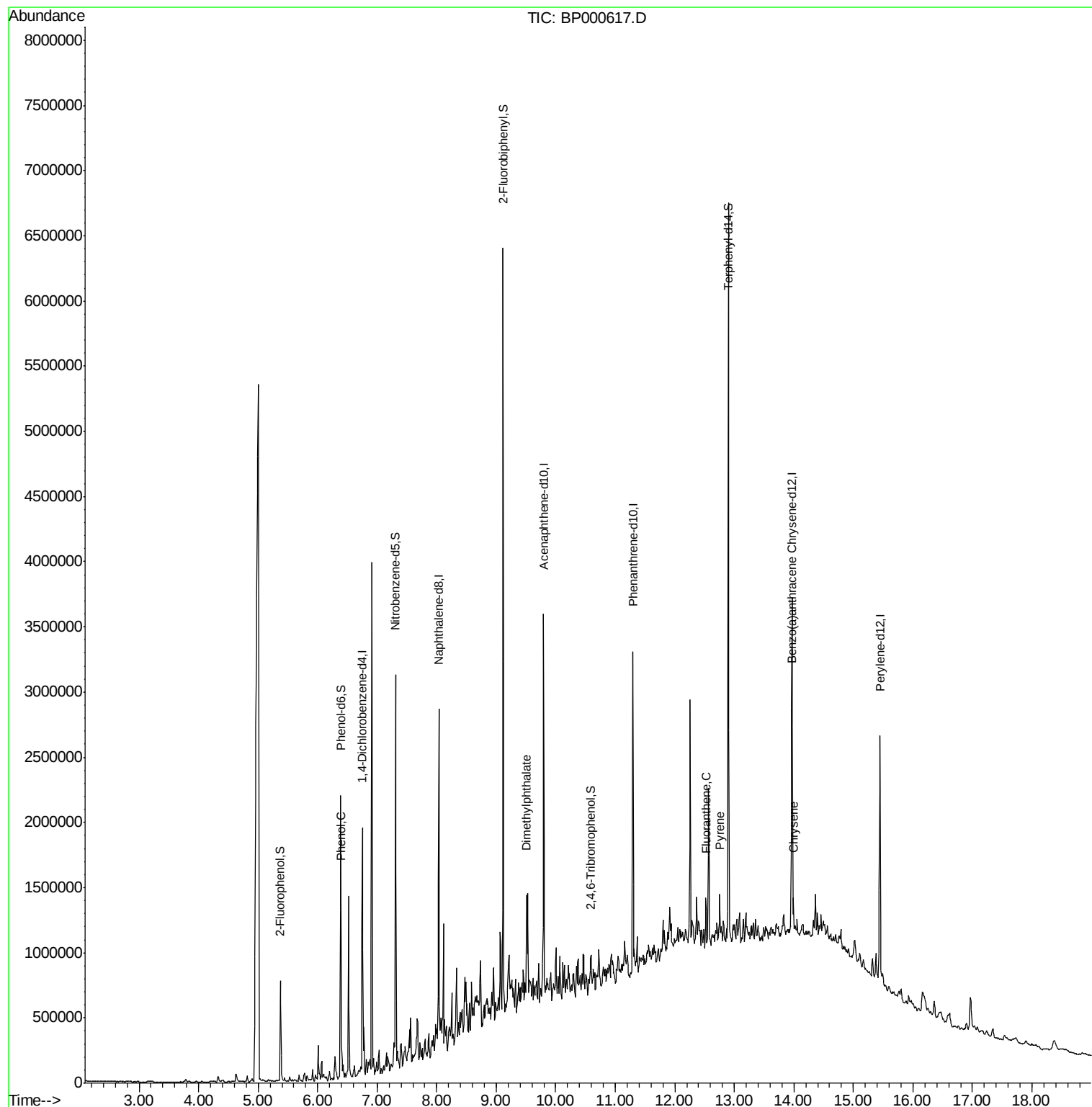
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	266502	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	966242	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	523580	20.00	ng	-0.02
64) Phenanthrene-d10	11.30	188	939803	20.00	ng	-0.01
76) Chrysene-d12	13.97	240	780849	20.00	ng	-0.01
87) Perylene-d12	15.45	264	851414	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	237076	14.30	ng	-0.02
7) Phenol-d6	6.39	99	676174	33.84	ng	-0.02
23) Nitrobenzene-d5	7.31	82	861881	54.48	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	31766	5.69	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	1665518	51.47	ng	-0.02
79) Terphenyl-d14	12.90	244	1971309	51.12	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	74856	3.659	ng	97
50) Dimethylphthalate	9.51	163	234670	6.450	ng	# 97
75) Fluoranthene	12.52	202	119336	2.251	ng	97
78) Pyrene	12.75	202	163759	3.041	ng	97
81) Benzo(a)anthracene	13.96	228	112718	2.366	ng	# 85
83) Chrysene	13.99	228	108163	2.313	ng	# 87

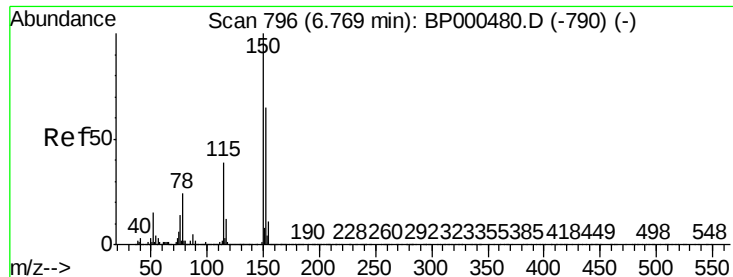
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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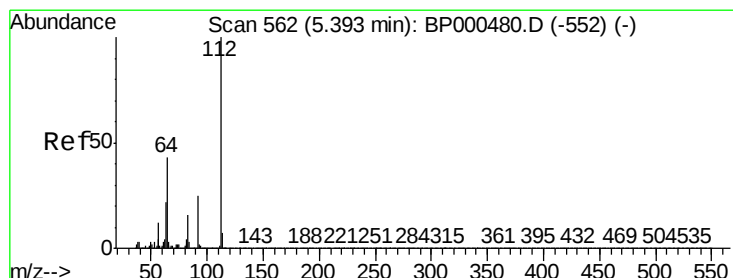
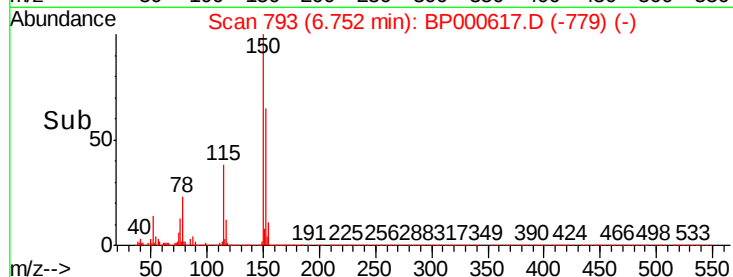
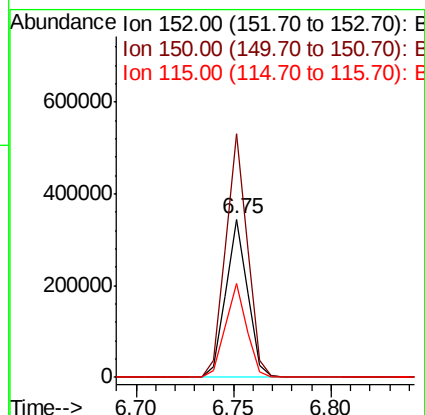
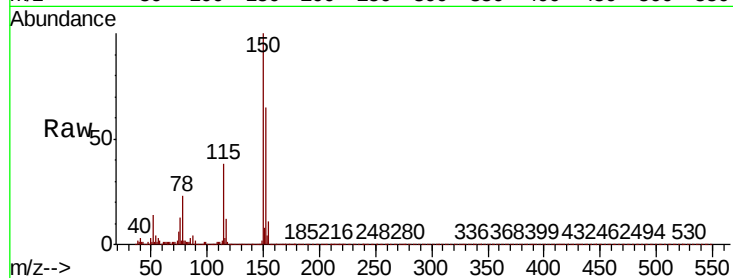


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

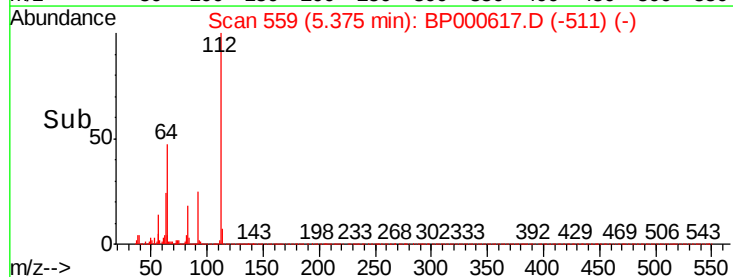
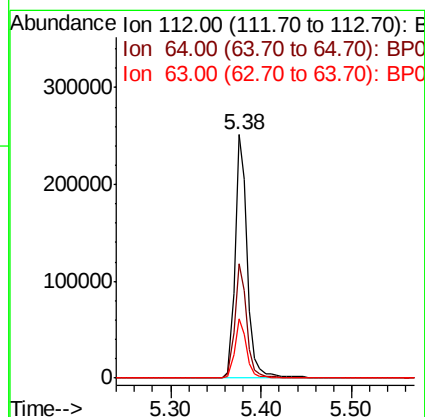
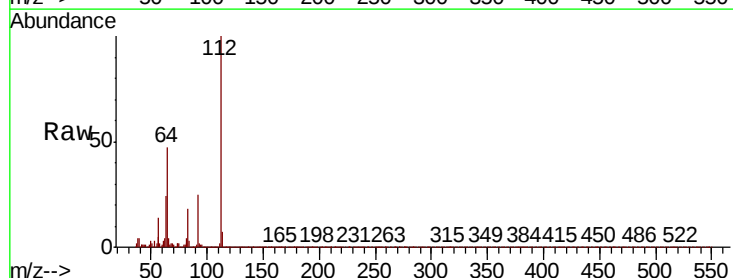
Tot Ion:152 Resp: 266502
Ion Ratio Lower Upper
152 100
150 153.9 124.1 186.1
115 59.1 48.7 73.1

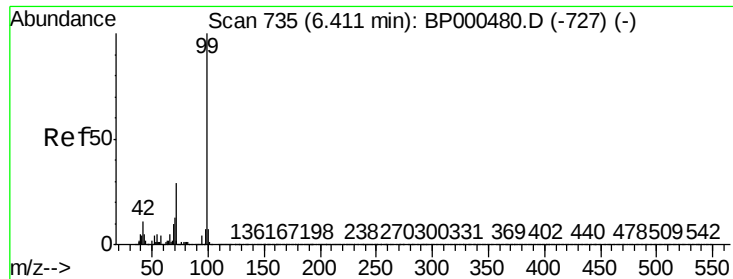


#5

2-Fluorophenol
Concen: 14.300 ng
RT: 5.38 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:112 Resp: 237076
Ion Ratio Lower Upper
112 100
64 46.7 34.2 51.4
63 24.4 17.9 26.9





#7

Phenol-d6

Concen: 33.845 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000617.D

Acq: 10 Oct 2019 15:39

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-B

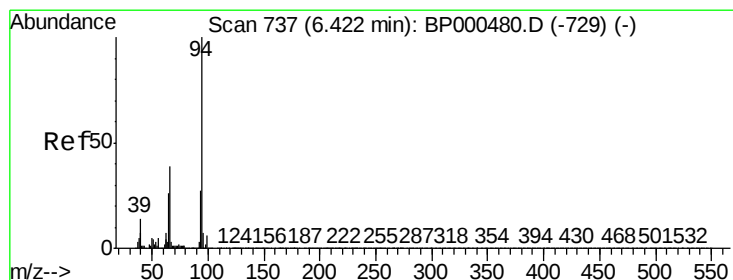
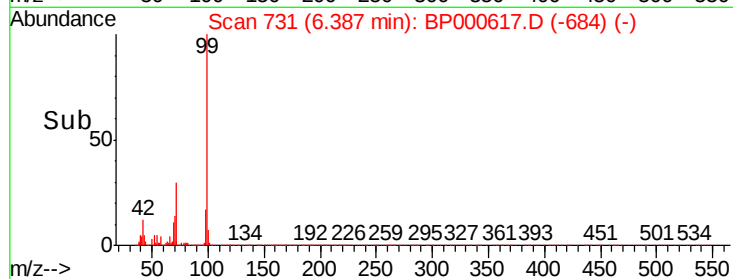
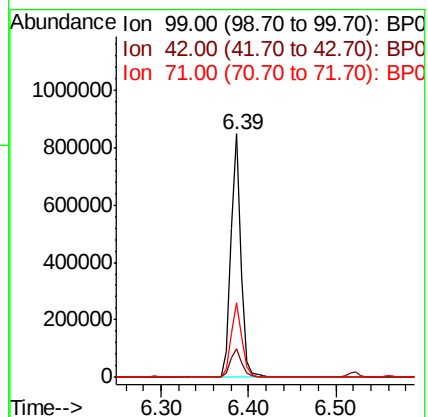
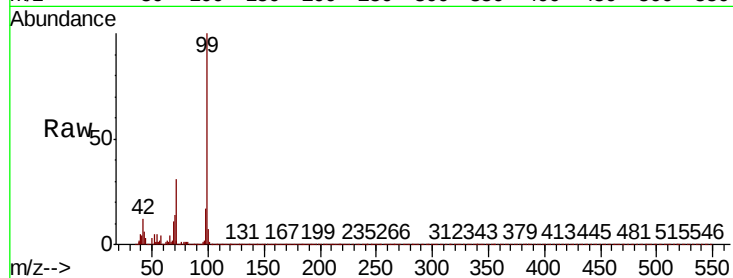
Tot Ion: 99 Resp: 676174

Ion Ratio Lower Upper

99 100

42 11.6 8.6 12.8

71 30.5 23.0 34.4



#10

Phenol

Concen: 3.659 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000617.D

Acq: 10 Oct 2019 15:39

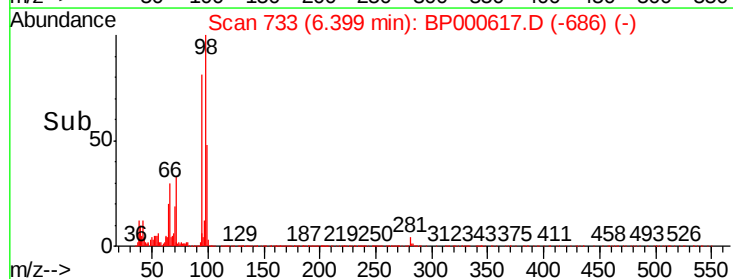
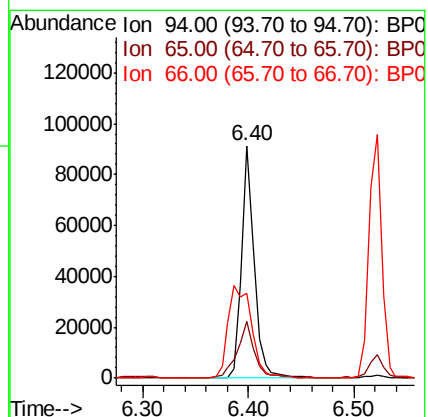
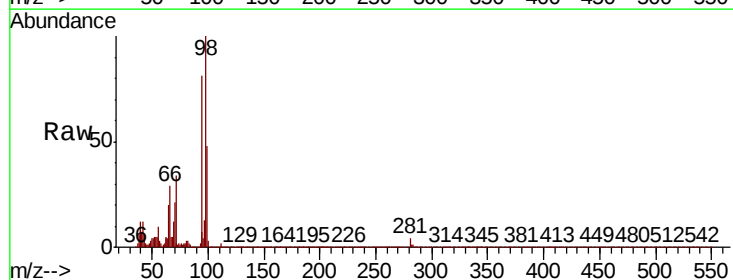
Tgt Ion: 94 Resp: 74856

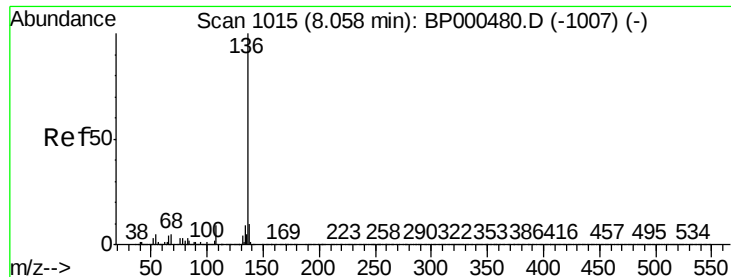
Ion Ratio Lower Upper

94 100

65 24.7 5.9 45.9

66 36.5 18.8 58.8

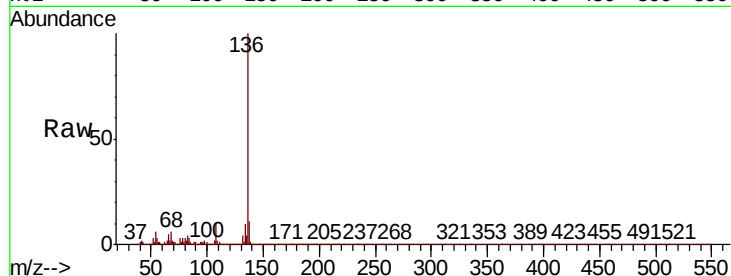




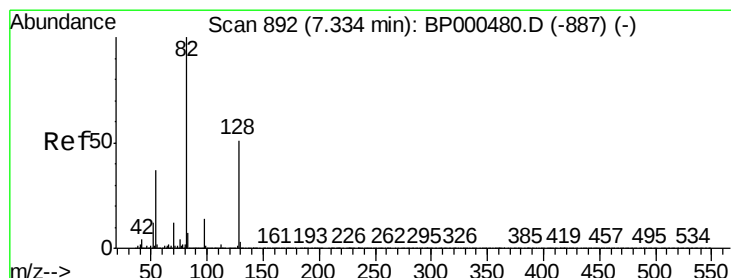
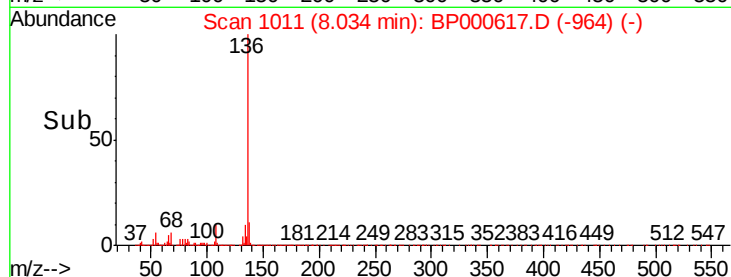
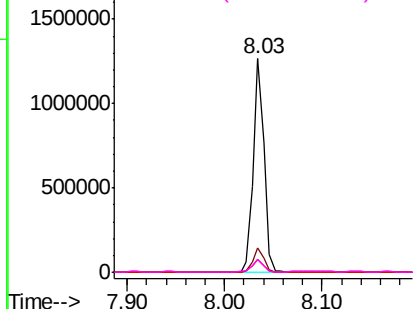
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tot Ion:136	Resp: 966242
Ion Ratio	Lower Upper
136 100	
137 11.3	8.2 12.4
54 6.1	4.1 6.1
68 6.2	4.1 6.1#

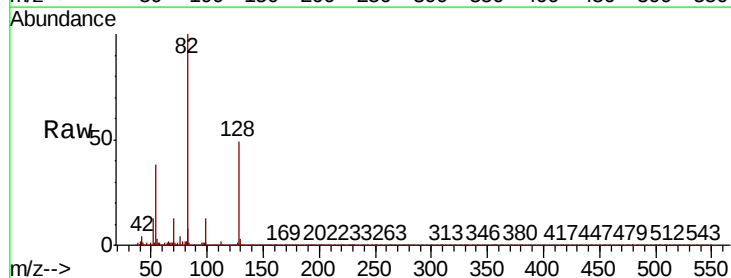


Abundance Ion 136.00 (135.70 to 136.70): E
2000000
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

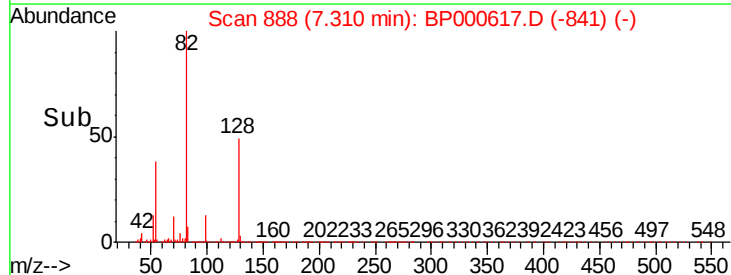
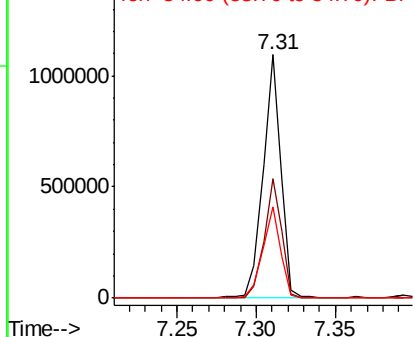


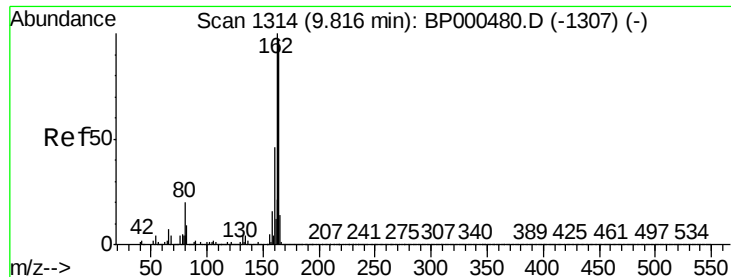
#23
Nitrobenzene-d5
Concen: 54.479 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion: 82	Resp: 861881
Ion Ratio	Lower Upper
82 100	
128 48.9	40.9 61.3
54 37.7	29.4 44.2



Abundance Ion 82.00 (81.70 to 82.70): BP0
1500000
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BP0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BP000617.D

Acq: 10 Oct 2019 15:39

Instrument :

BNA_P

ClientSampleId :

20190855-AMENDED-COMP-B

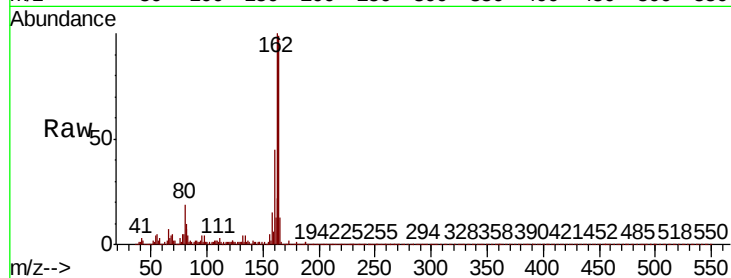
Tot Ion:164 Resp: 523580

Ion Ratio Lower Upper

164 100

162 100.9 82.2 123.2

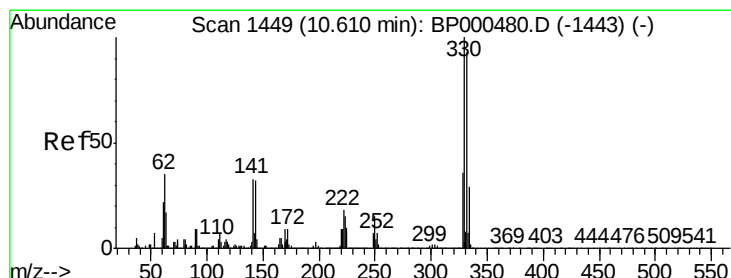
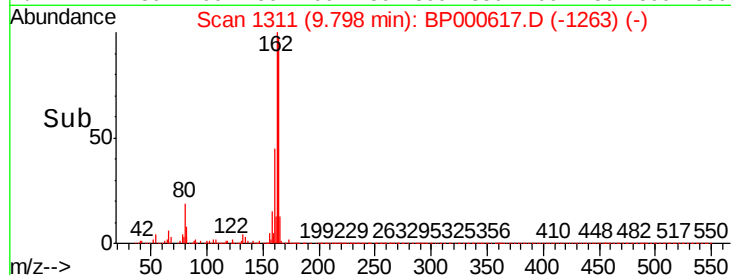
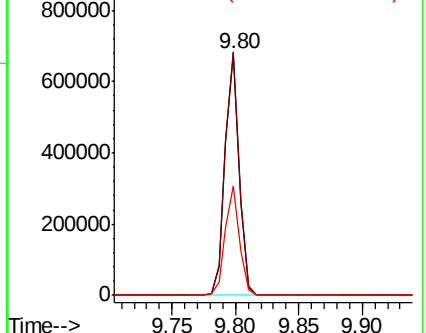
160 45.1 37.6 56.4



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 5.693 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BP000617.D

Acq: 10 Oct 2019 15:39

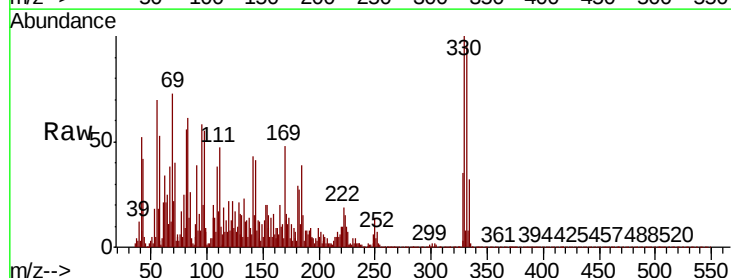
Tgt Ion:330 Resp: 31766

Ion Ratio Lower Upper

330 100

332 98.3 77.1 115.7

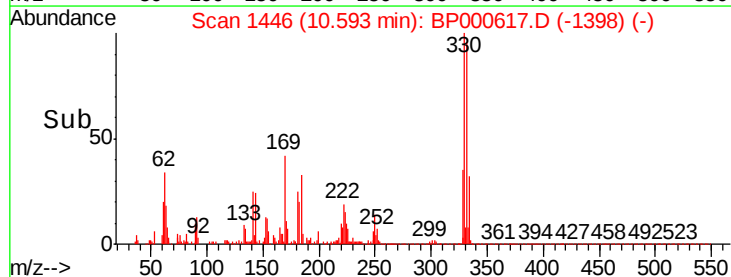
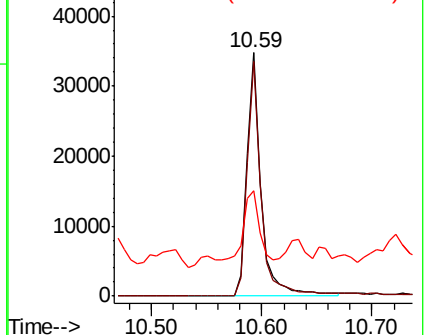
141 29.8 26.0 39.0

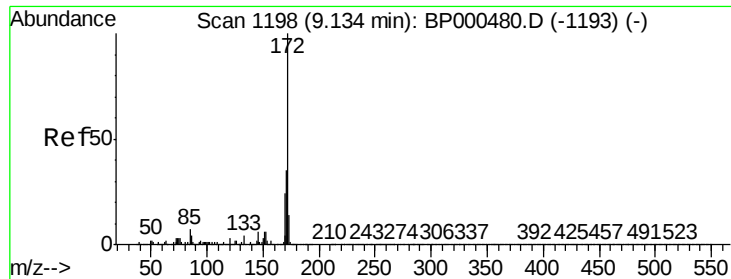


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

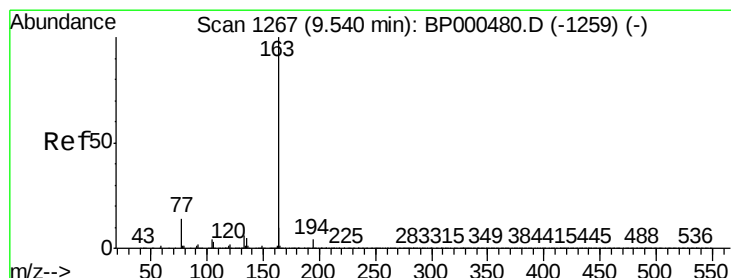
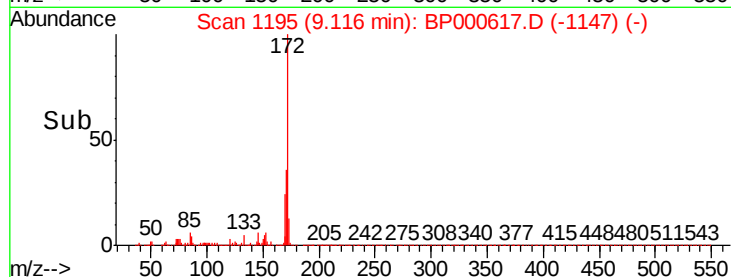
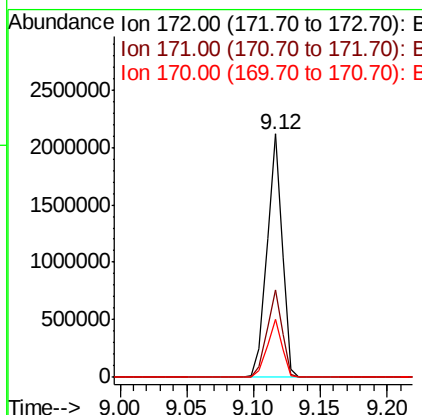
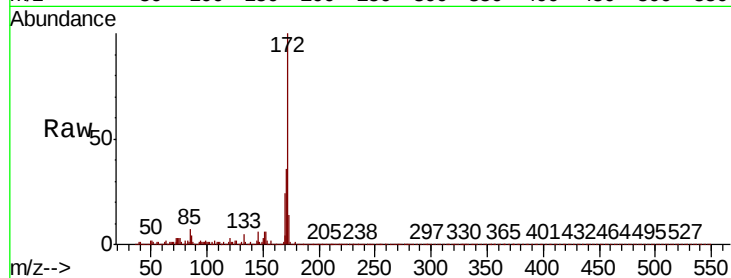




#45
2-Fluorobiphenyl
Concen: 51.469 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

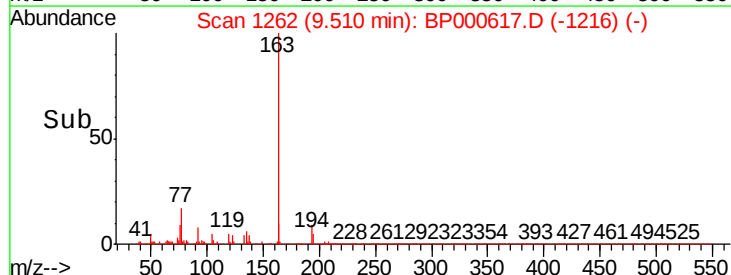
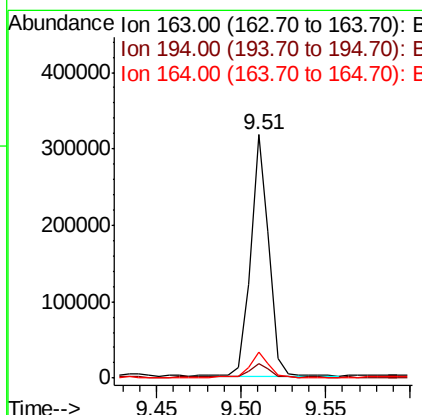
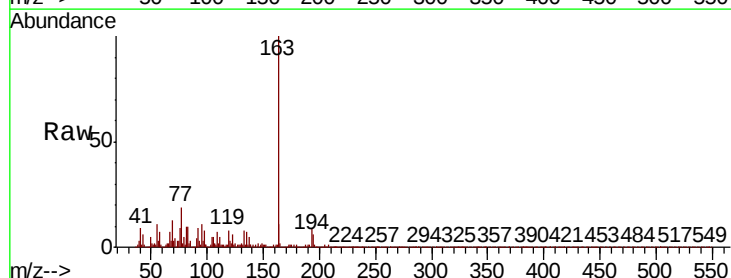
Instrument :
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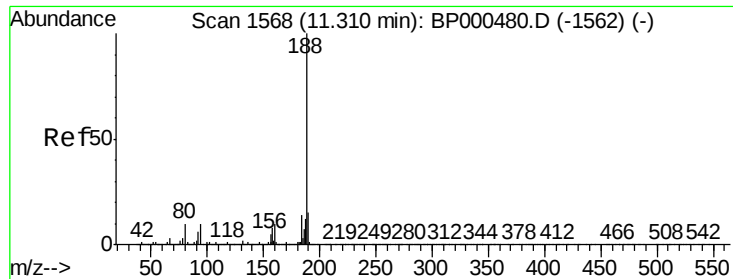
Tot Ion:172 Resp: 1665518
Ion Ratio Lower Upper
172 100
171 36.2 28.4 42.6
170 23.8 19.1 28.7



#50
Dimethylphthalate
Concen: 6.450 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:163 Resp: 234670
Ion Ratio Lower Upper
163 100
194 6.1 3.4 5.2#
164 10.6 8.0 12.0

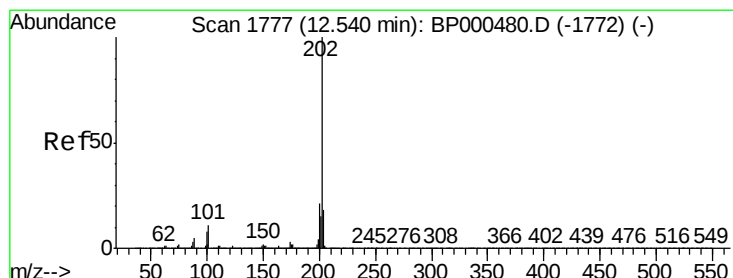
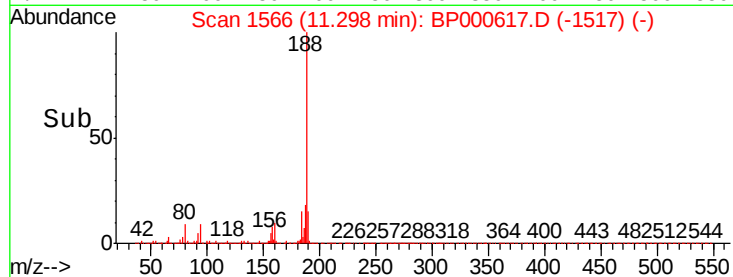
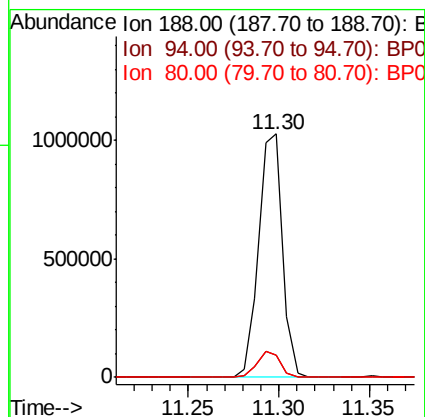
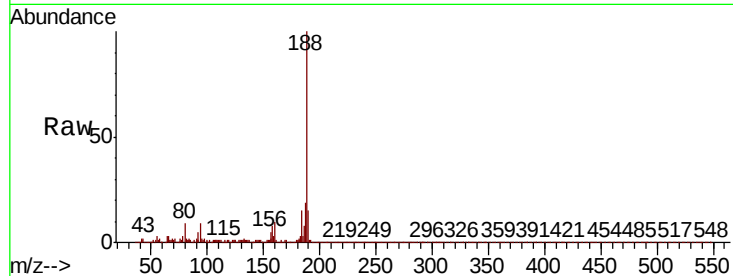




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

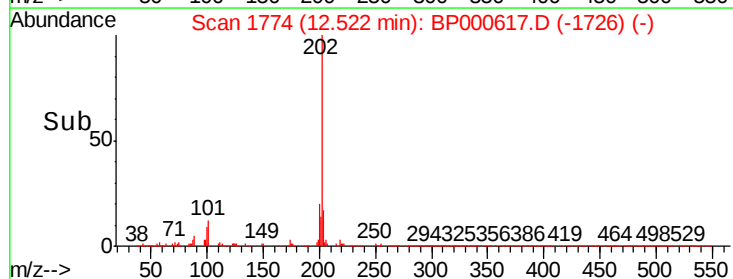
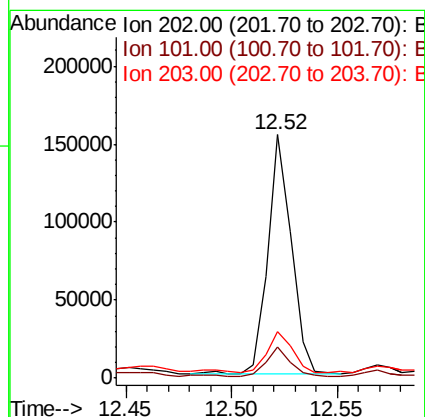
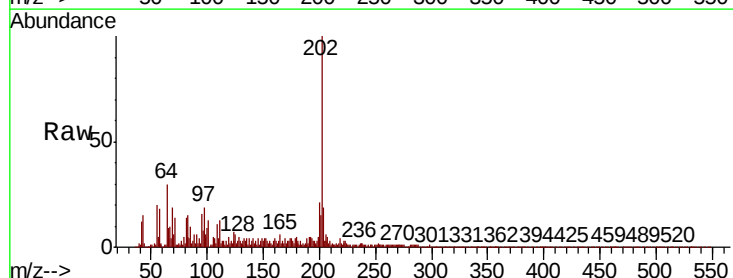
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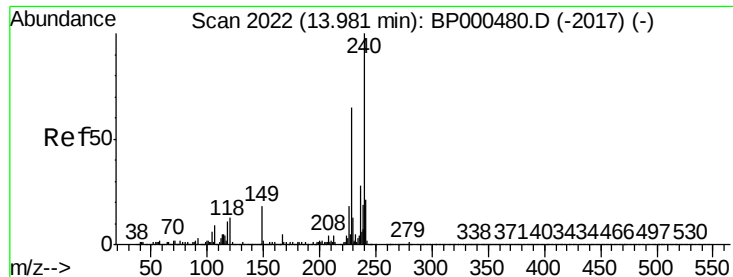
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.1	8.2	12.2
80	9.0	8.3	12.5



#75
Fluoranthene
Concen: 2.251 ng
RT: 12.52 min Scan# 1774
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.3
203	19.3	0.0	38.1

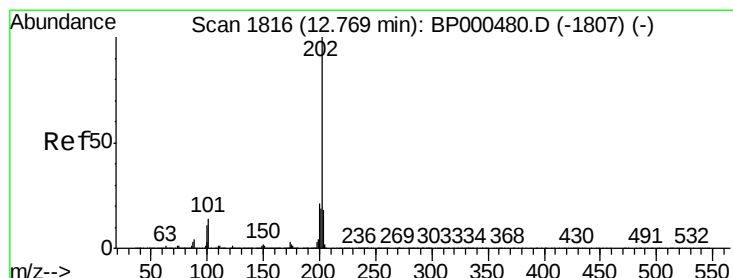
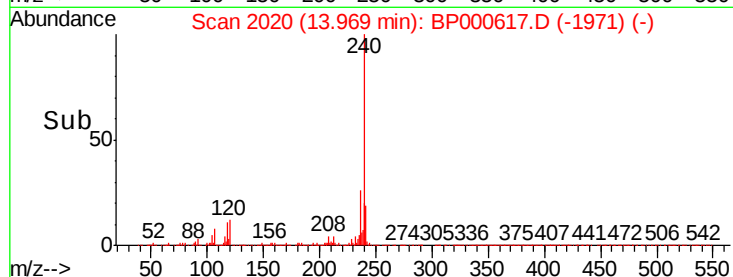
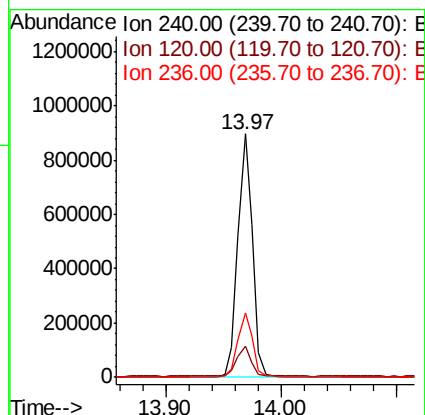
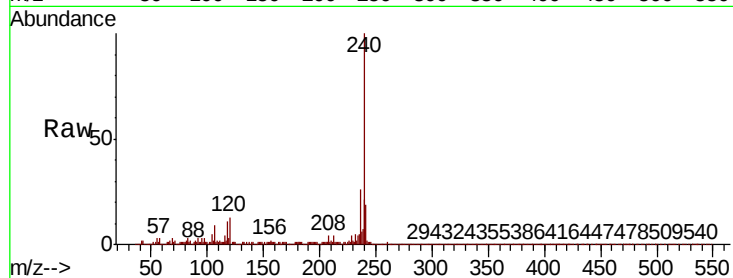




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.97 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

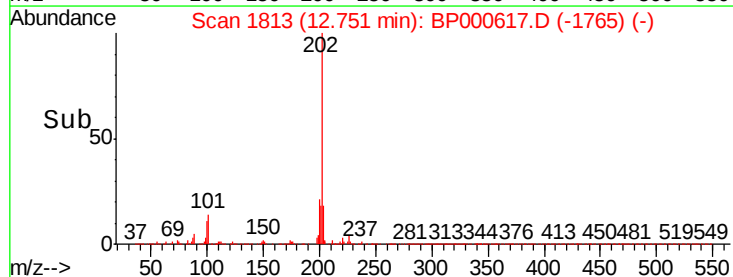
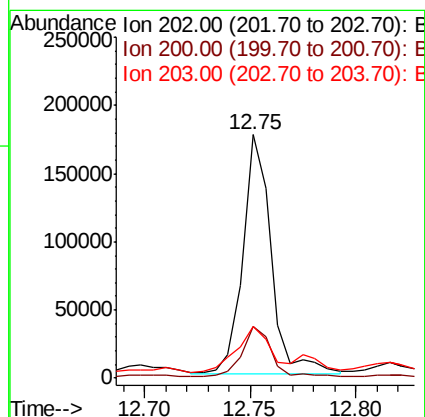
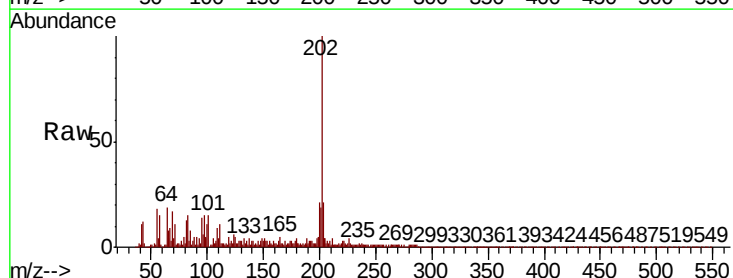
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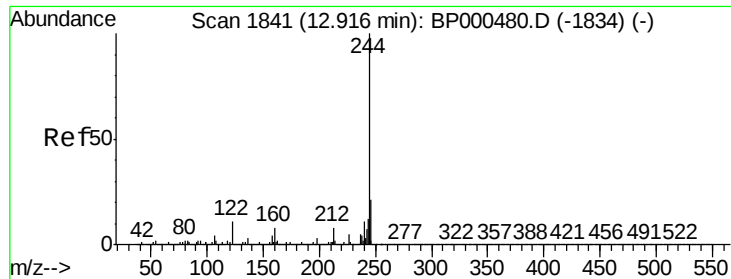
Tot Ion:240 Resp: 780849
Ion Ratio Lower Upper
240 100
120 12.5 10.1 15.1
236 26.2 22.7 34.1



#78
Pyrene
Concen: 3.041 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:202 Resp: 163759
Ion Ratio Lower Upper
202 100
200 21.1 17.1 25.7
203 21.0 14.6 21.8

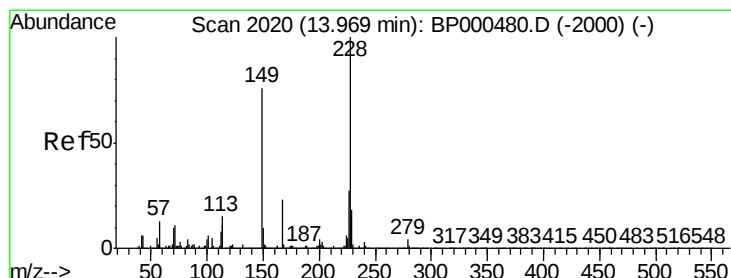
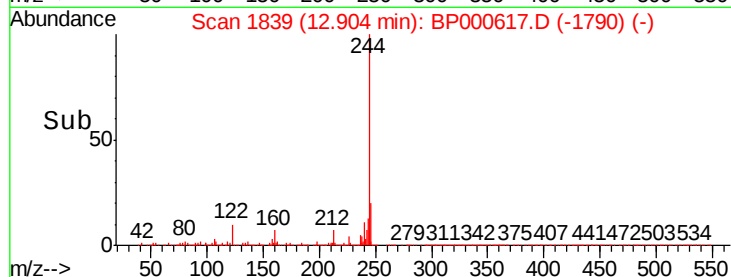
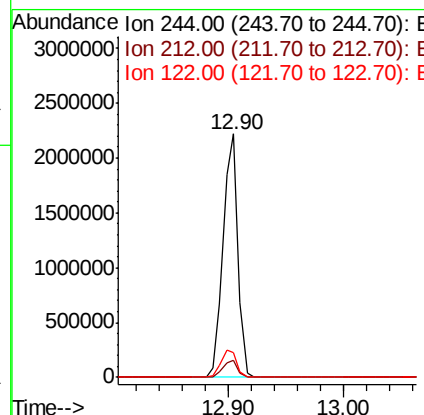
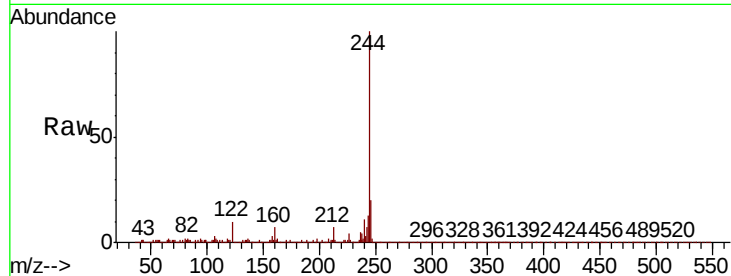




#79
 Terphenyl-d14
 Concen: 51.116 ng
 RT: 12.90 min Scan# 1839
 Delta R.T. -0.01 min
 Lab File: BP000617.D
 Acq: 10 Oct 2019 15:39

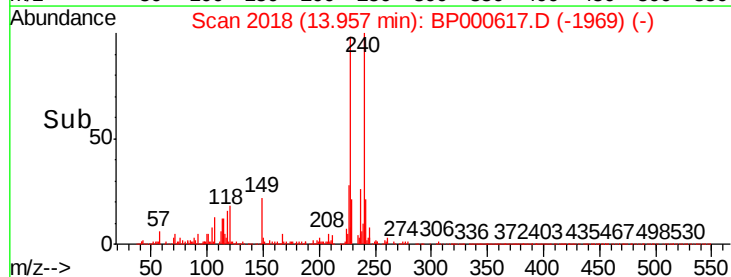
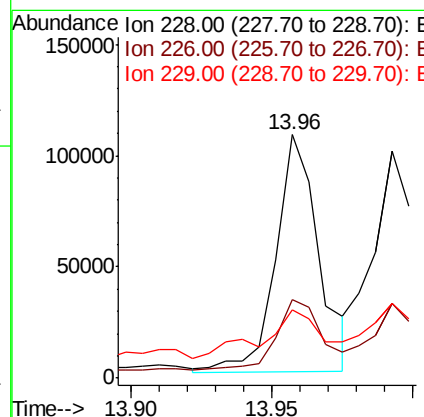
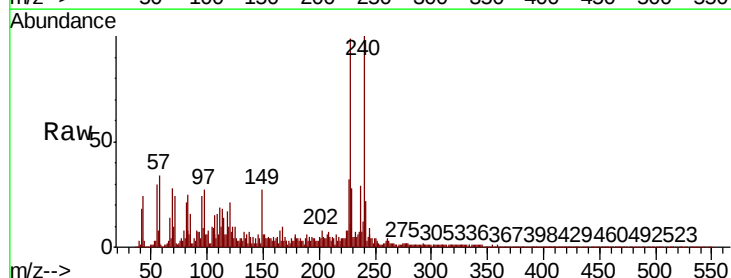
Instrument :
 BNA_P
 ClientSampleId :
 20190855-AMENDED-COMP-B

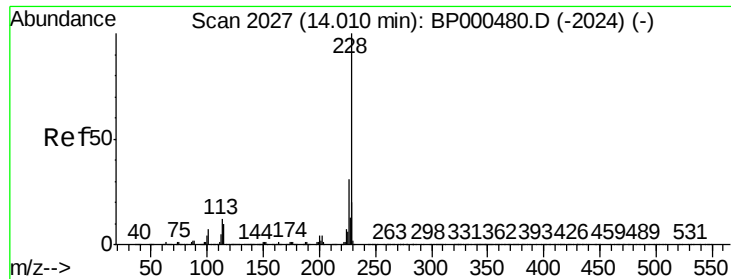
Tot Ion:244 Resp: 1971309
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.0 9.0
 122 10.3 8.9 13.3



#81
 Benzo(a)anthracene
 Concen: 2.366 ng
 RT: 13.96 min Scan# 2018
 Delta R.T. -0.01 min
 Lab File: BP000617.D
 Acq: 10 Oct 2019 15:39

Tgt Ion:228 Resp: 112718
 Ion Ratio Lower Upper
 228 100
 226 32.3 21.4 32.2#
 229 28.0 14.7 22.1#

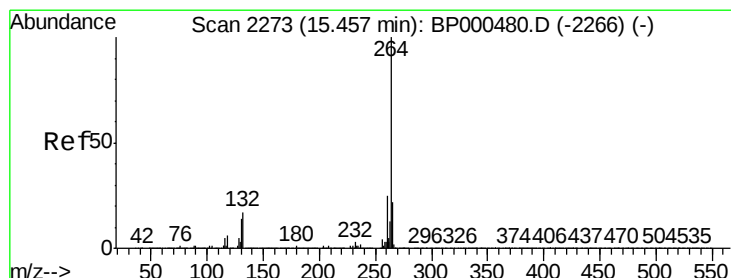
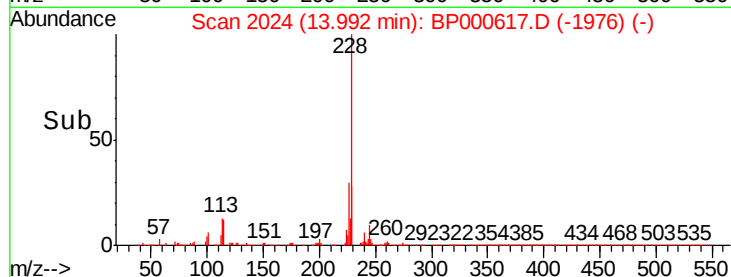
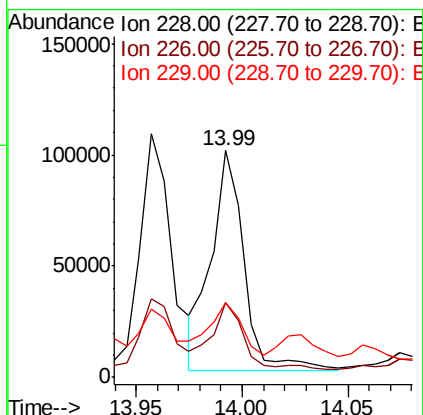
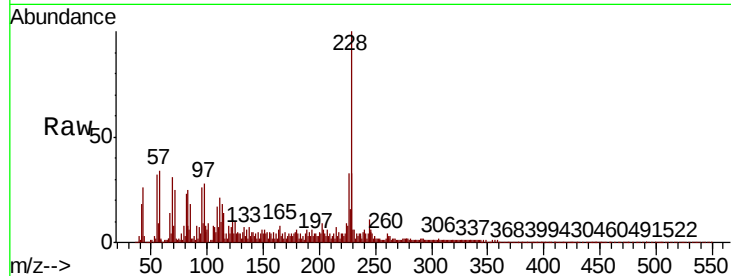




#83
Chrysene
Concen: 2.313 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.02 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Instrument :
BNA_P
ClientSampleId :
20190855-AMENDED-COMP-B

Tot Ion:228 Resp: 108163
Ion Ratio Lower Upper
228 100
226 32.8 24.7 37.1
229 32.7 16.3 24.5#



#87
Perylene-d12
Concen: 20.000 ng
RT: 15.45 min Scan# 2271
Delta R.T. -0.01 min
Lab File: BP000617.D
Acq: 10 Oct 2019 15:39

Tgt Ion:264 Resp: 851414
Ion Ratio Lower Upper
264 100
260 24.3 20.3 30.5
265 22.1 18.0 27.0

