

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101019\
 Data File : BP000629.D
 Acq On : 10 Oct 2019 20:29
 Operator : JU
 Sample : K5292-04 10X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 20190857-AMENDED-COMP-D

Quant Time: Oct 11 05:13:44 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	263262	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	996693	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	548153	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	980774	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	840950	20.00	ng	-0.02
87) Perylene-d12	15.44	264	927949	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	19165	1.17	ng	-0.02
7) Phenol-d6	6.39	99	59678	3.02	ng	-0.02
23) Nitrobenzene-d5	7.30	82	84209	5.16	ng	-0.03
42) 2,4,6-Tribromophenol	10.59	330	4040	0.69	ng	-0.02
45) 2-Fluorobiphenyl	9.11	172	188342	5.56	ng	-0.02
79) Terphenyl-d14	12.89	244	219072	5.27	ng	-0.02

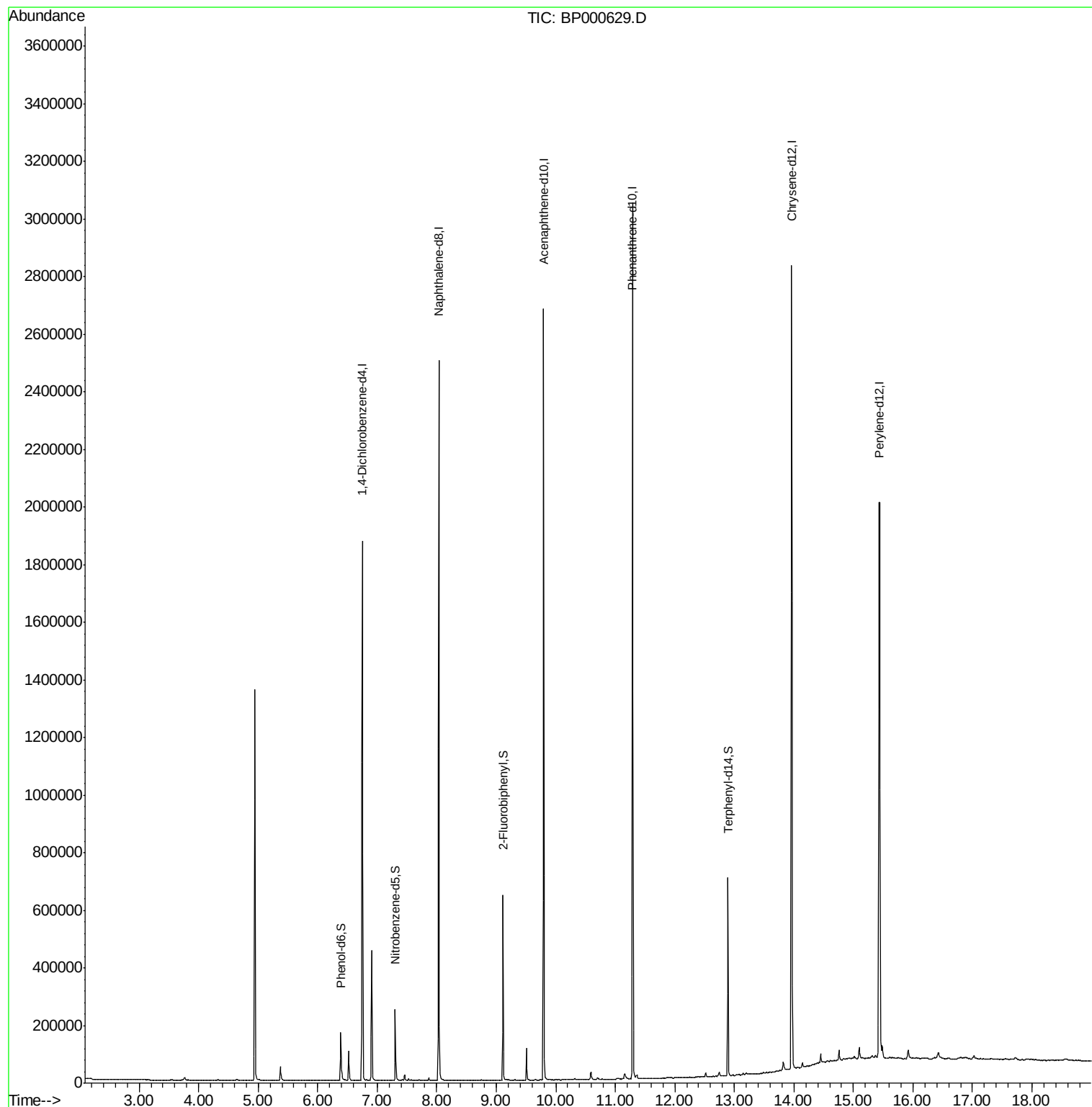
Target Compounds Qvalue

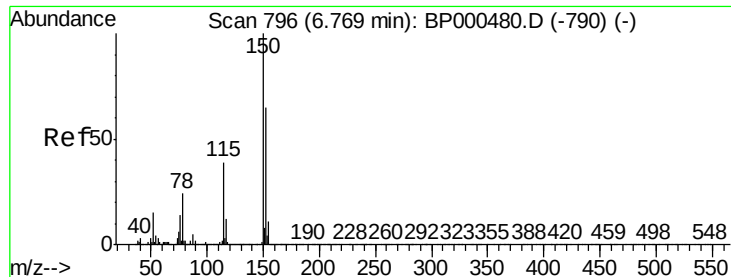
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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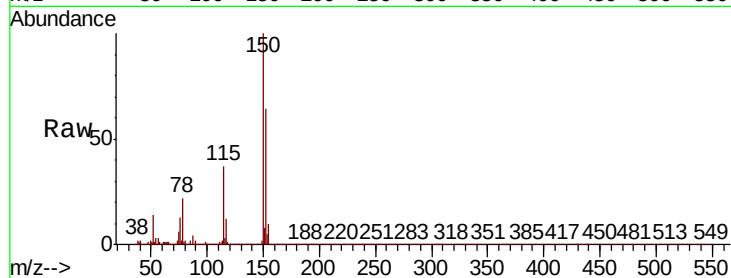


#1

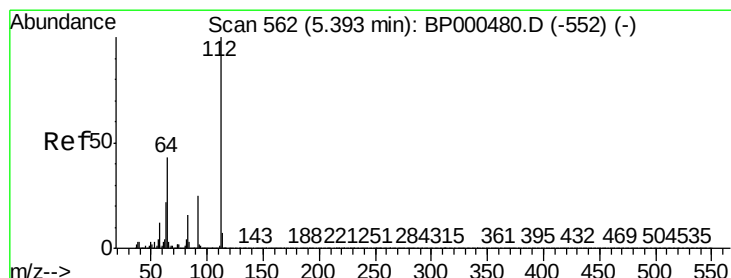
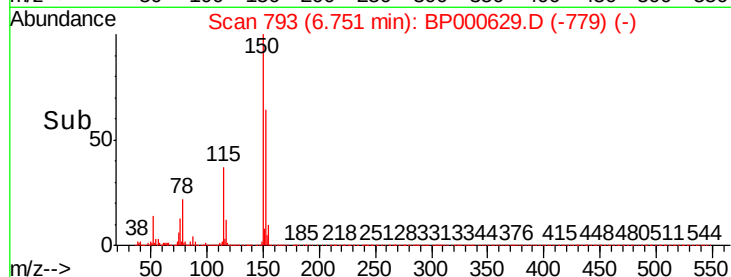
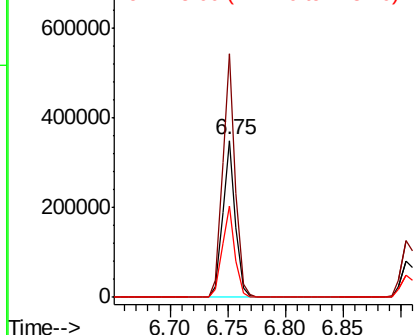
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

Instrument :
BNA_P
ClientSampleId :
20190857-AMENDED-COMP-D

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	57.7	48.7	73.1



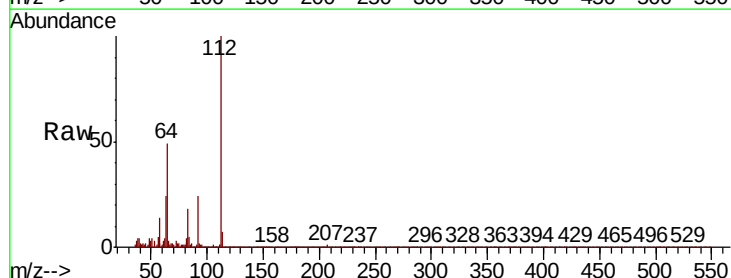
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



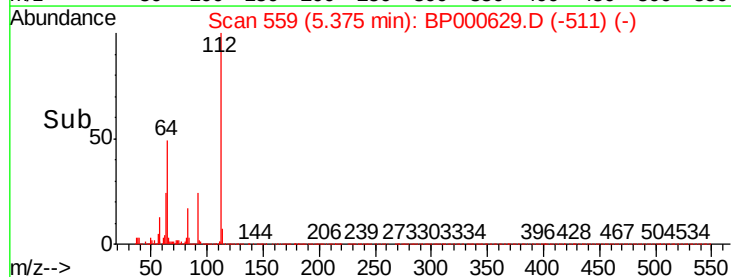
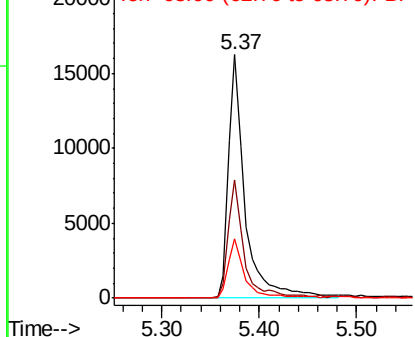
#5

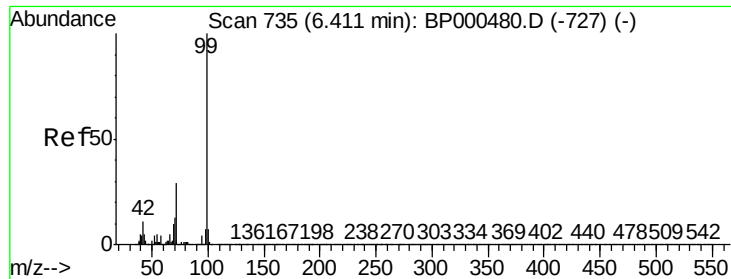
2-Fluorophenol
Concen: 1.170 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.6	34.2	51.4
63	24.3	17.9	26.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BP0
Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 3.024 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000629.D

Acq: 10 Oct 2019 20:29

Instrument :

BNA_P

ClientSampleId :

20190857-AMENDED-COMP-D

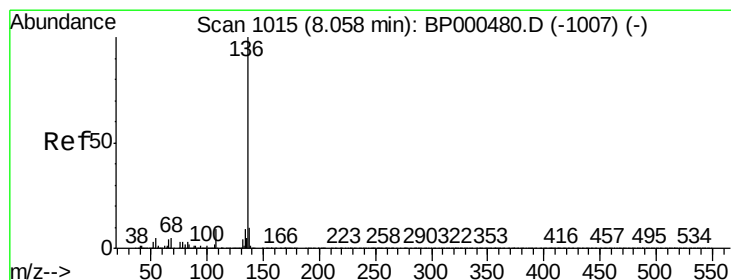
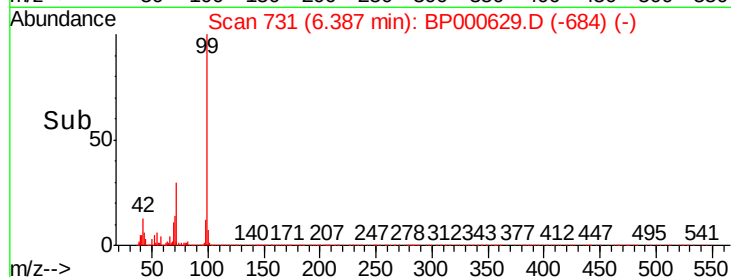
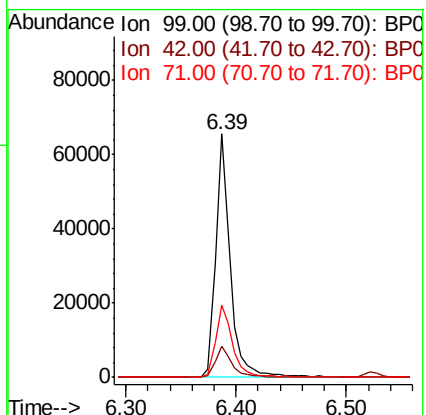
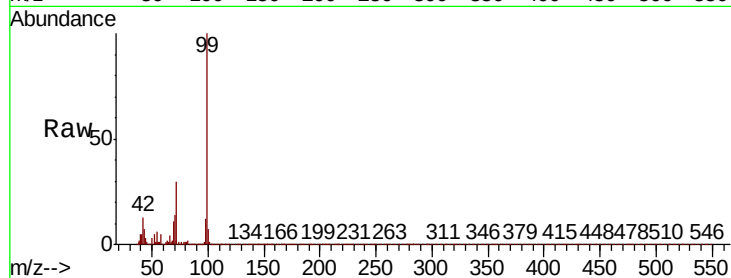
Tot Ion: 99 Resp: 59678

Ion Ratio Lower Upper

99 100

42 12.6 8.6 12.8

71 29.8 23.0 34.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1011

Delta R.T. -0.02 min

Lab File: BP000629.D

Acq: 10 Oct 2019 20:29

Tgt Ion: 136 Resp: 996693

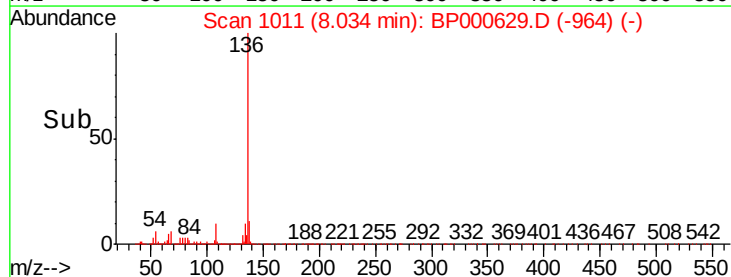
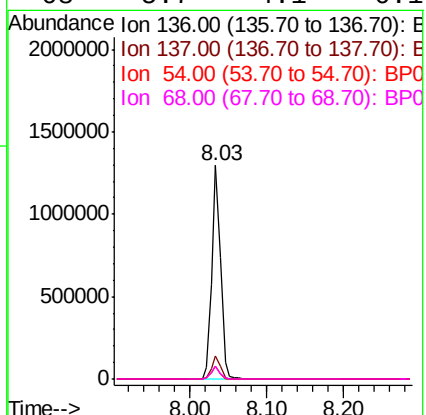
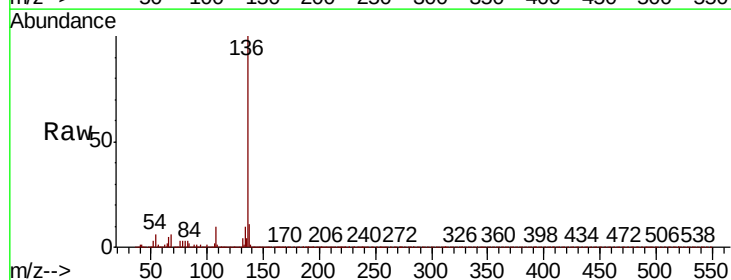
Ion Ratio Lower Upper

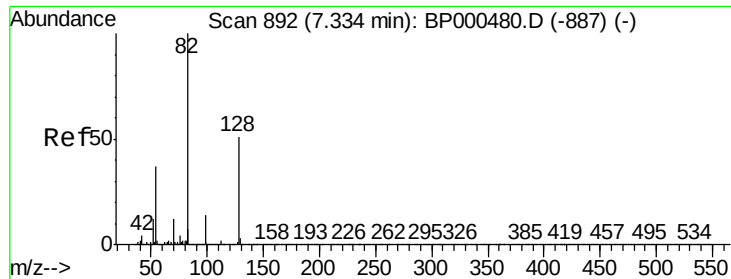
136 100

137 11.1 8.2 12.4

54 5.9 4.1 6.1

68 5.7 4.1 6.1

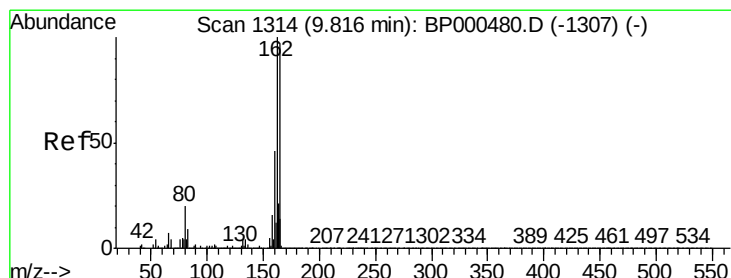
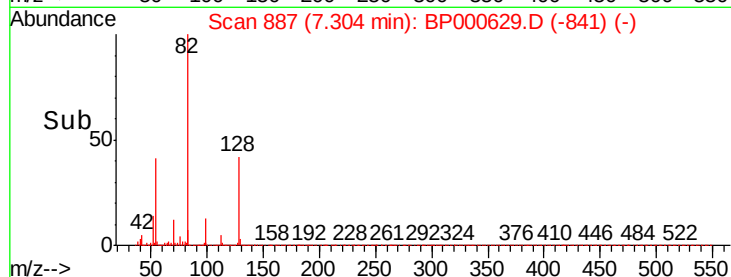
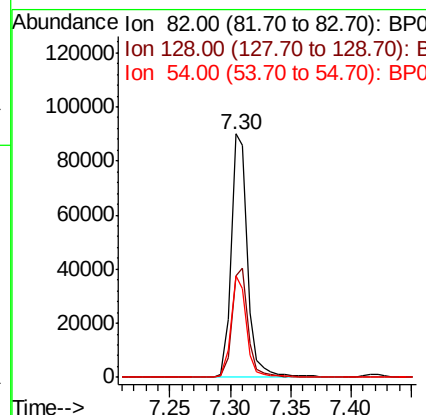
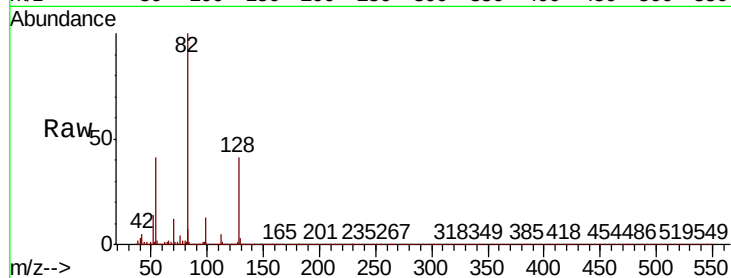




#23
Nitrobenzene-d5
Concen: 5.160 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.03 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

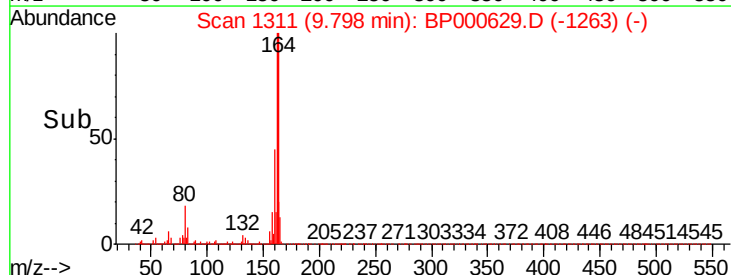
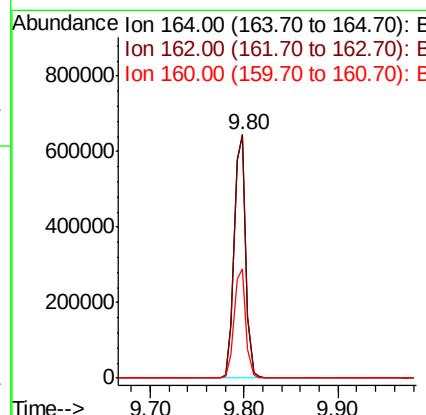
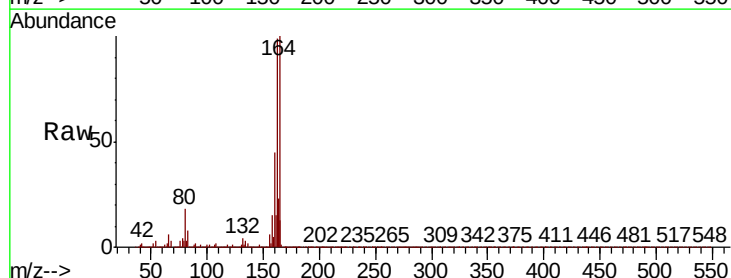
Instrument :
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20190857-AMENDED-COMP-D

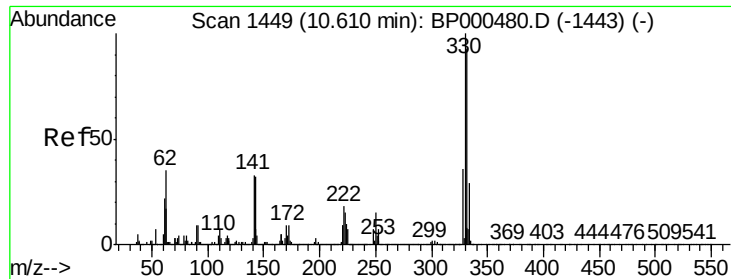
Tot Ion	82	Resp	84209
Ion Ratio	Lower	Upper	
82	100		
128	41.5	40.9	61.3
54	41.4	29.4	44.2



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

Tgt Ion	164	Resp	548153
Ion Ratio	Lower	Upper	
164	100		
162	99.3	82.2	123.2
160	45.0	37.6	56.4

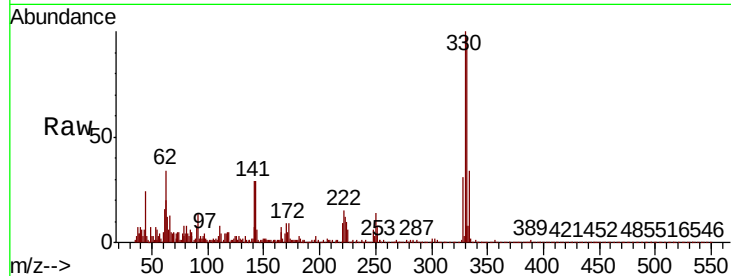




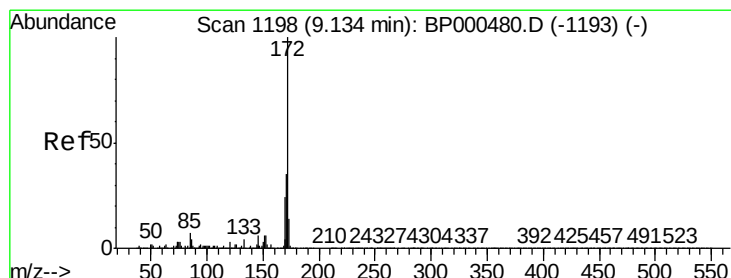
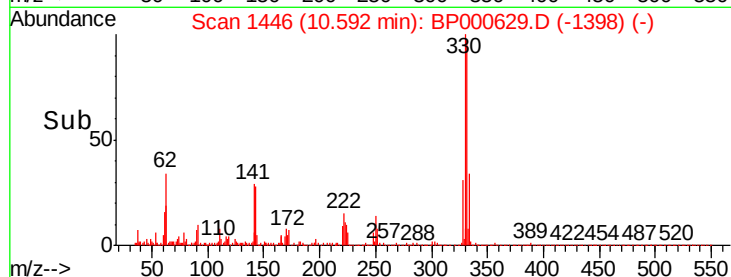
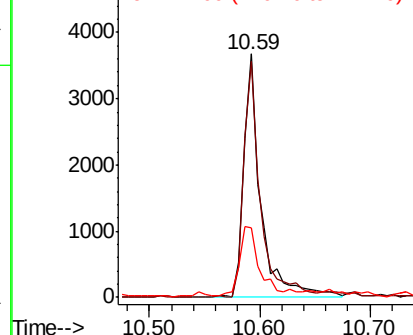
#42
2,4,6-Tribromophenol
Concen: 0.692 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

Instrument :
BNA_P
ClientSampleId :
20190857-AMENDED-COMP-D

Tot Ion:330 Resp: 4040
Ion Ratio Lower Upper
330 100
332 95.1 77.1 115.7
141 33.9 26.0 39.0

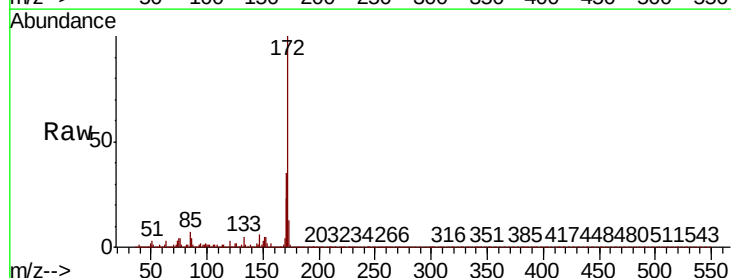


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

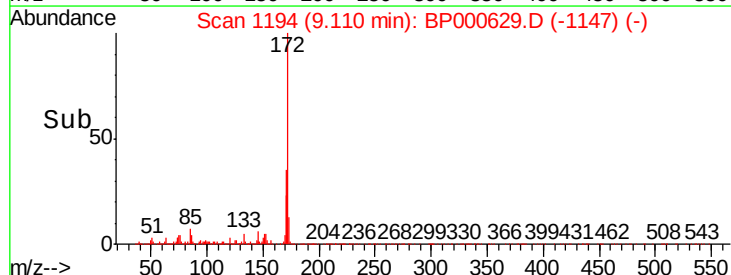
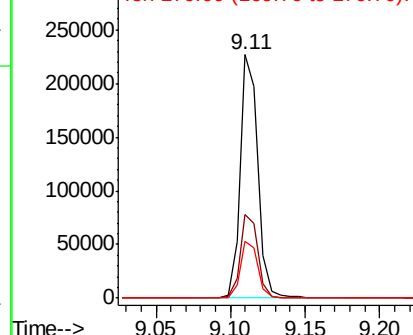


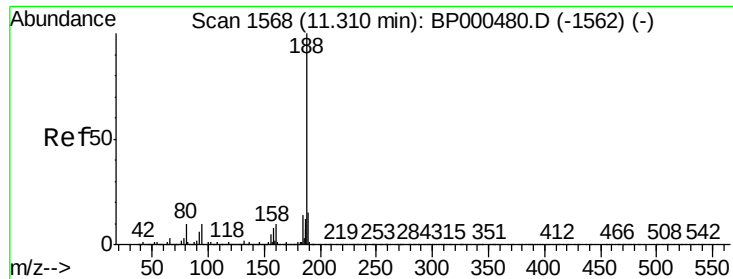
#45
2-Fluorobiphenyl
Concen: 5.559 ng
RT: 9.11 min Scan# 1194
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

Tgt Ion:172 Resp: 188342
Ion Ratio Lower Upper
172 100
171 34.5 28.4 42.6
170 23.4 19.1 28.7



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

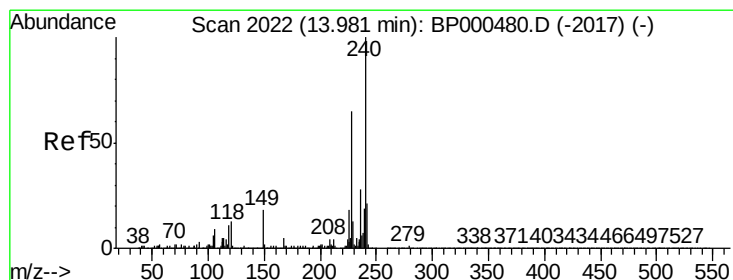
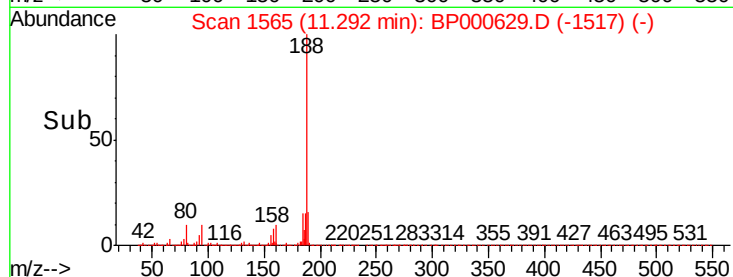
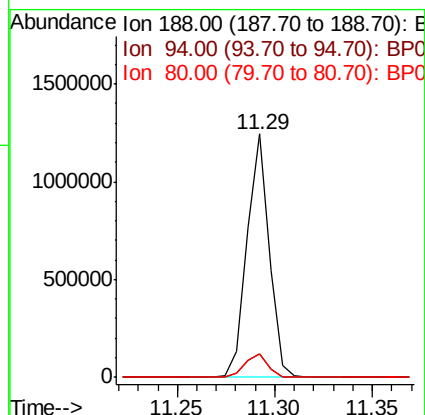
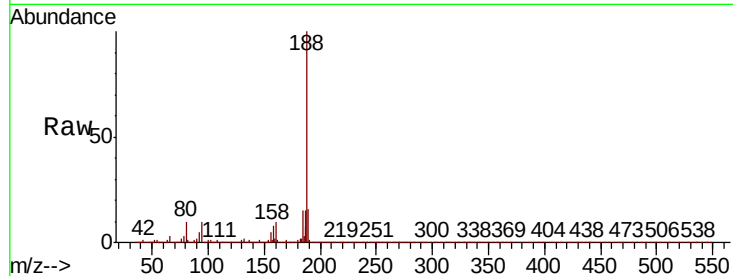




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

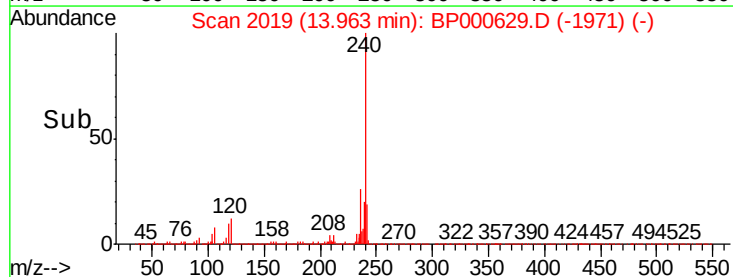
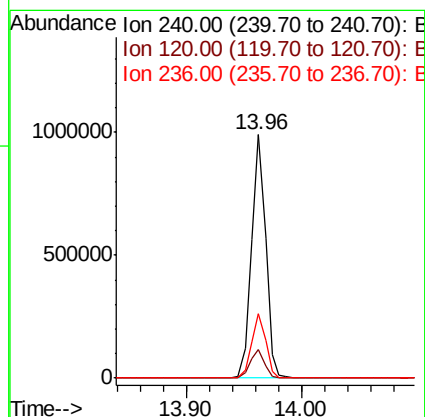
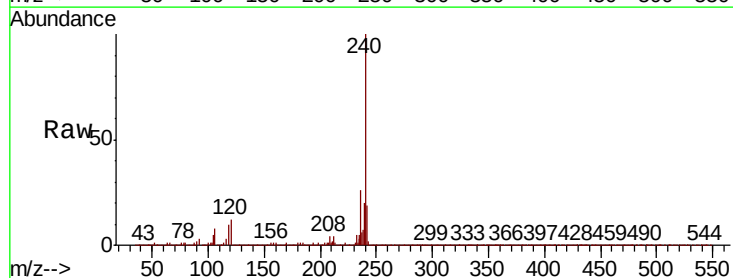
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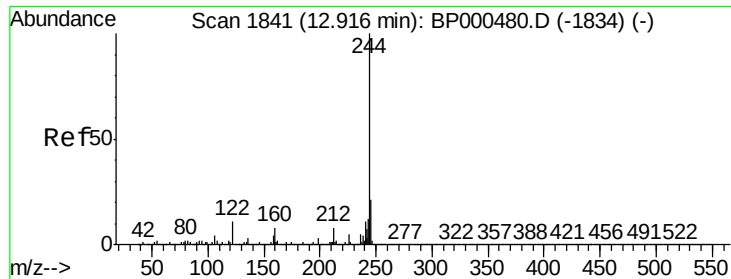
Tot Ion:188 Resp: 980774
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.5 8.3 12.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

Tgt Ion:240 Resp: 840950
Ion Ratio Lower Upper
240 100
120 11.6 10.1 15.1
236 26.2 22.7 34.1

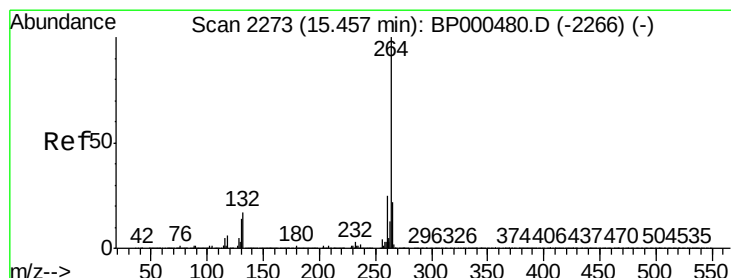
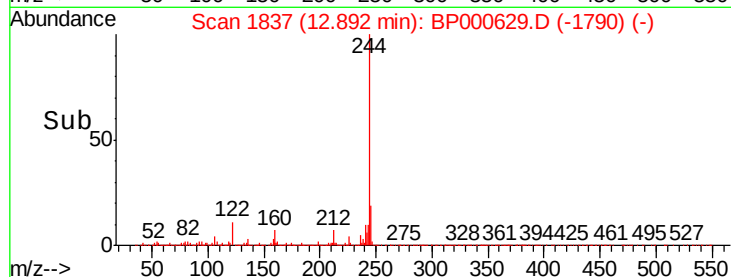
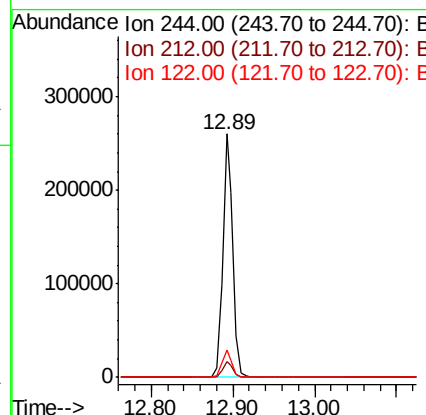
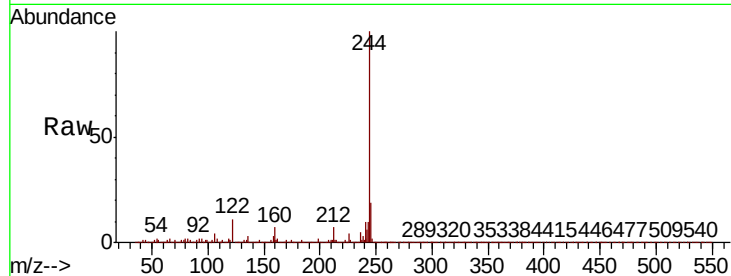




#79
 Terphenyl-d14
 Concen: 5.275 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.02 min
 Lab File: BP000629.D
 Acq: 10 Oct 2019 20:29

Instrument :
 BNA_P
 ClientSampleId :
 20190857-AMENDED-COMP-D

Tot Ion:244 Resp: 219072
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 11.4 8.9 13.3



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.44 min Scan# 2270
 Delta R.T. -0.02 min
 Lab File: BP000629.D
 Acq: 10 Oct 2019 20:29

Tgt Ion:264 Resp: 927949
 Ion Ratio Lower Upper
 264 100
 260 23.8 20.3 30.5
 265 21.4 18.0 27.0

