

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP101119\
 Data File : BP000640.D
 Acq On : 11 Oct 2019 18:46
 Operator : JU
 Sample : K5266-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AMENDED-COMPOSITE-C

Quant Time: Oct 11 23:50:41 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

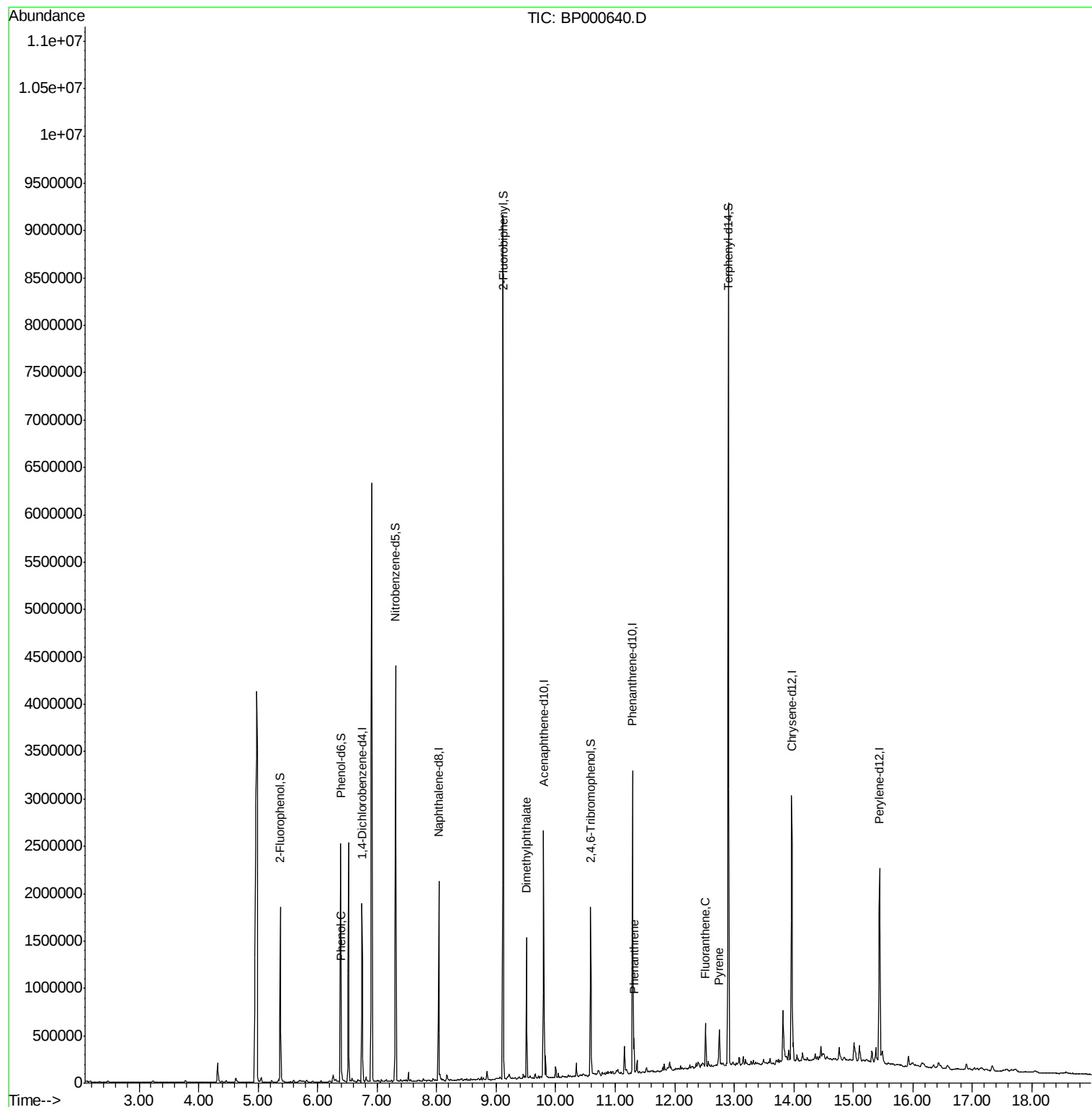
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	269219	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	983869	20.00	ng	-0.02
39) Acenaphthene-d10	9.79	164	566821	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	1043730	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	861785	20.00	ng	-0.02
87) Perylene-d12	15.44	264	930107	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	603844	36.05	ng	-0.02
7) Phenol-d6	6.39	99	951552	47.15	ng	-0.02
23) Nitrobenzene-d5	7.31	82	1511581	93.83	ng	-0.02
42) 2,4,6-Tribromophenol	10.59	330	199133	32.97	ng	-0.02
45) 2-Fluorobiphenyl	9.12	172	2829345	80.76	ng	-0.02
79) Terphenyl-d14	12.90	244	3262651	76.65	ng	-0.01
Target Compounds						
10) Phenol	6.40	94	82248	3.980	ng	90
50) Dimethylphthalate	9.51	163	527811	13.401	ng	100
71) Phenanthrene	11.32	178	120628	2.301	ng	100
75) Fluoranthene	12.52	202	168445	2.861	ng	98
78) Pyrene	12.75	202	160874	2.707	ng	99

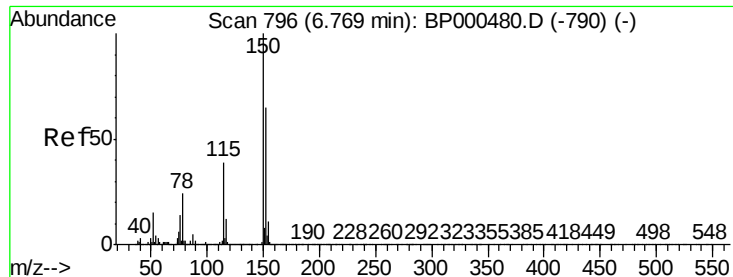
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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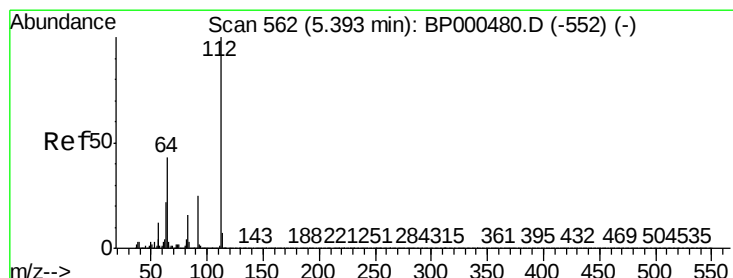
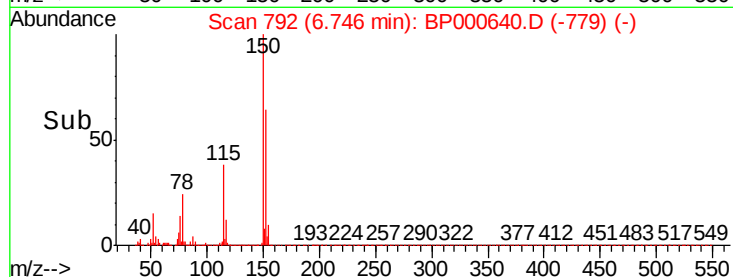
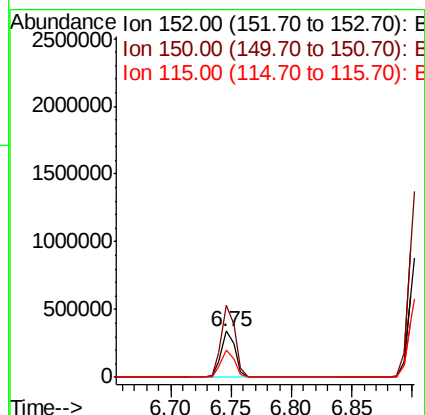
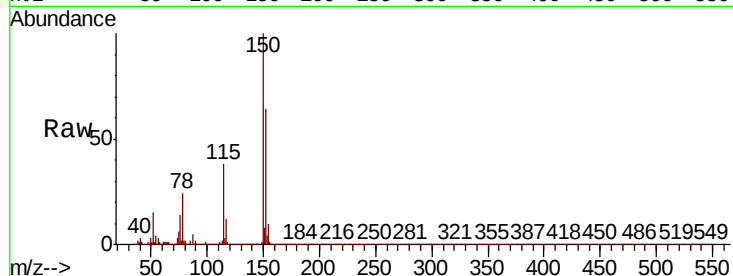


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

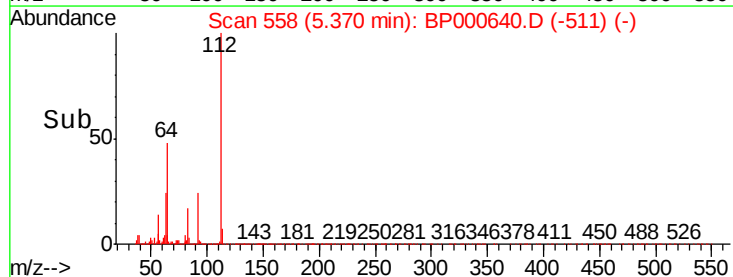
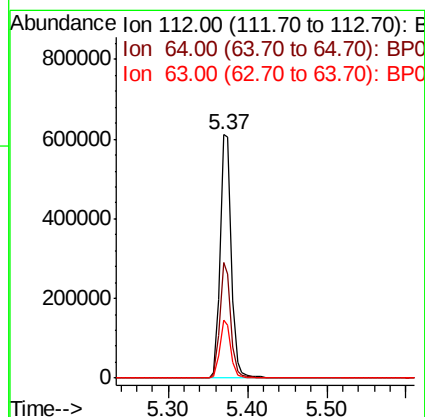
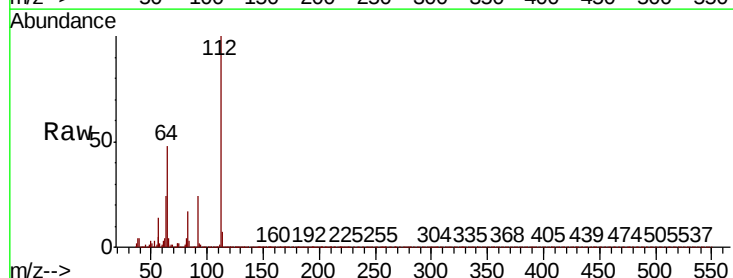
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	124.1	186.1
115	59.5	48.7	73.1

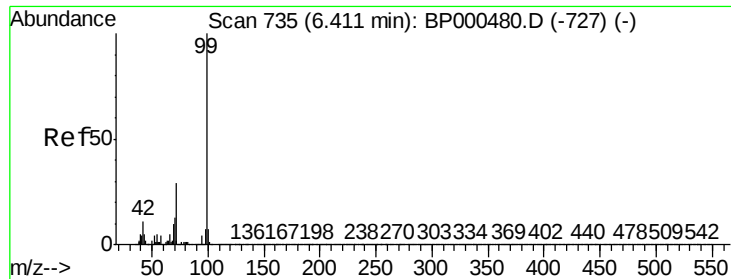


#5

2-Fluorophenol
Concen: 36.054 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
112	100		
64	47.6	34.2	51.4
63	24.0	17.9	26.9





#7

Phenol-d6

Concen: 47.148 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

Instrument :

BNA_P

ClientSampleId :

AMENDED-COMPOSITE-C

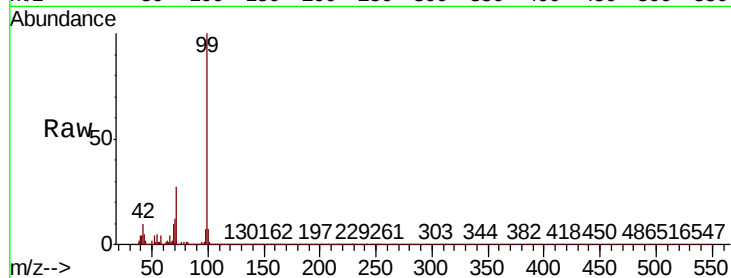
Tot Ion: 99 Resp: 951552

Ion Ratio Lower Upper

99 100

42 10.4 8.6 12.8

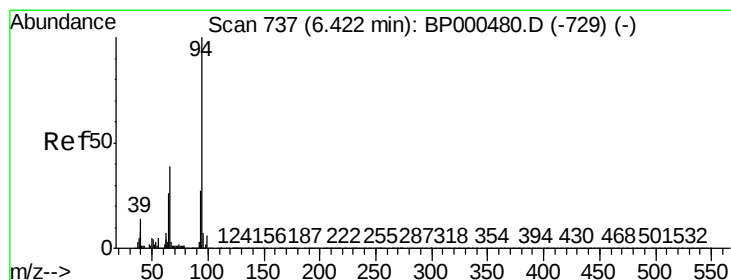
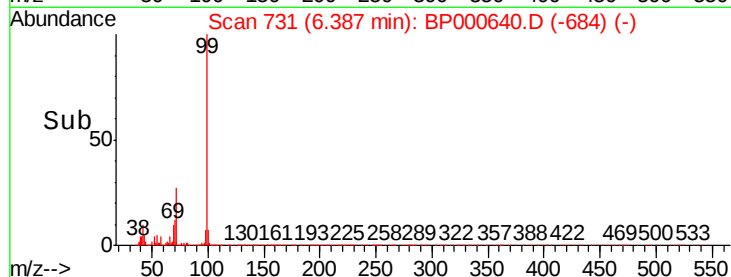
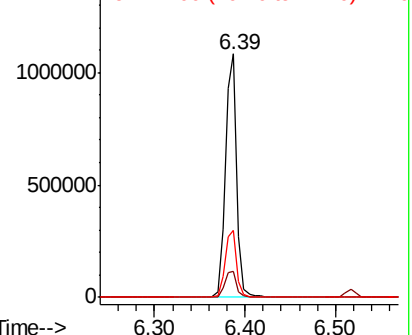
71 27.5 23.0 34.4



Abundance Ion 99.00 (98.70 to 99.70): BP0

Ion 42.00 (41.70 to 42.70): BP0

Ion 71.00 (70.70 to 71.70): BP0



#10

Phenol

Concen: 3.980 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

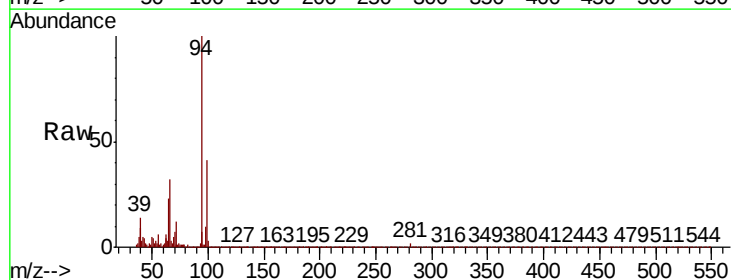
Tgt Ion: 94 Resp: 82248

Ion Ratio Lower Upper

94 100

65 22.5 5.9 45.9

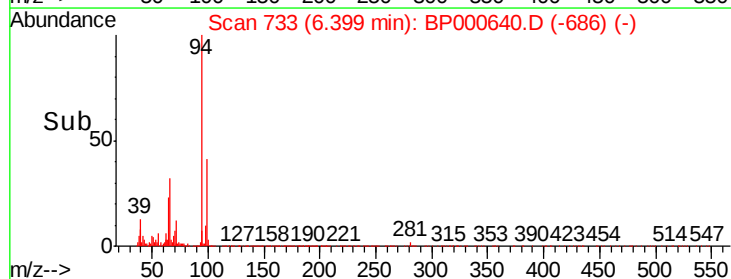
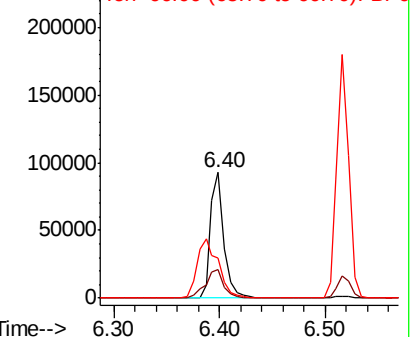
66 31.5 18.8 58.8

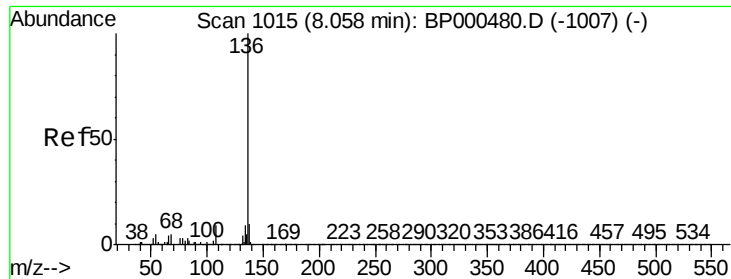


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

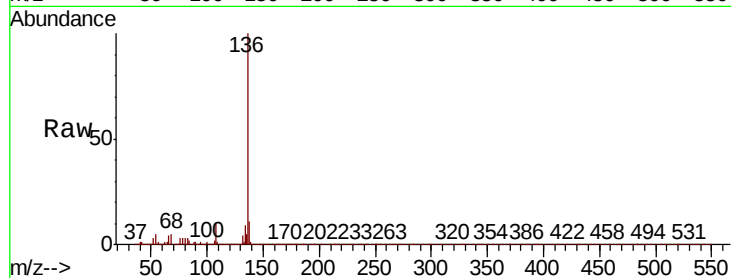




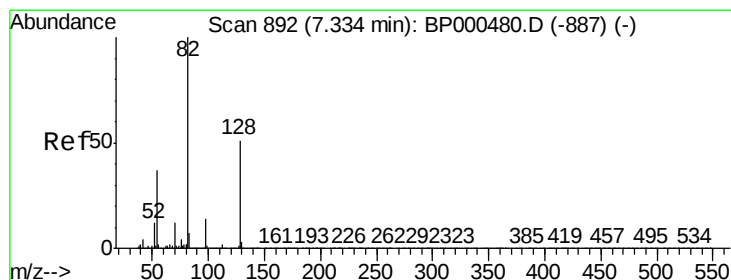
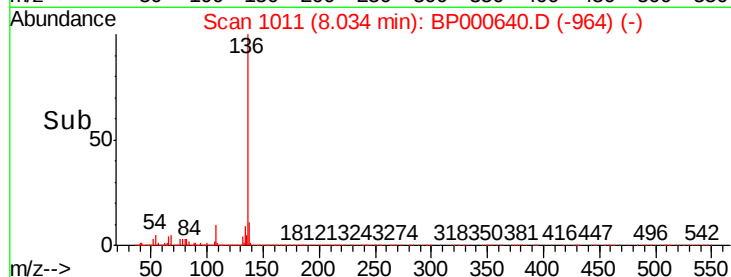
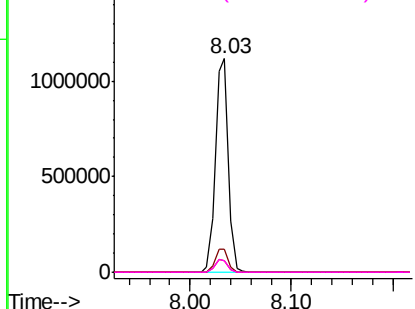
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion:136	Resp:	983869
Ion	Ratio	Lower Upper
136	100	
137	10.8	8.2 12.4
54	5.2	4.1 6.1
68	5.2	4.1 6.1

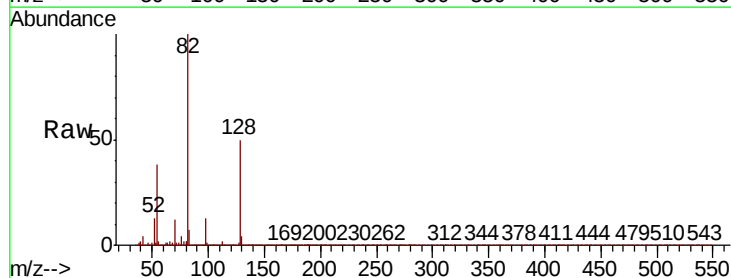


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BP0
Ion 68.00 (67.70 to 68.70): BP0

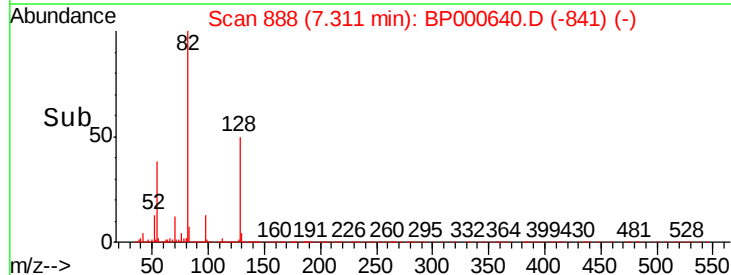
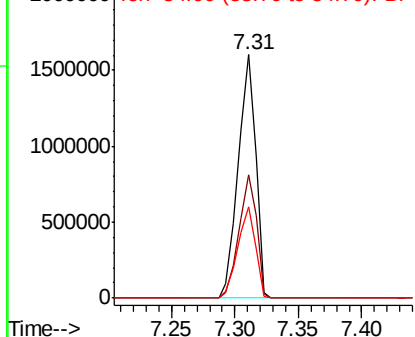


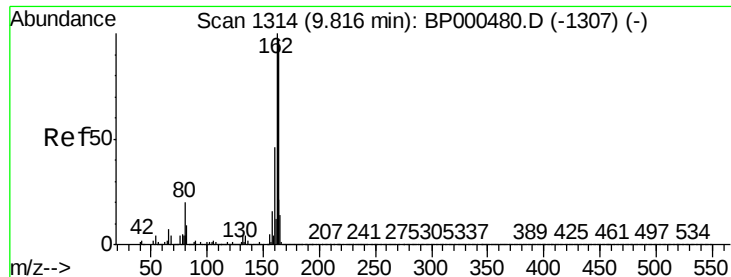
#23
Nitrobenzene-d5
Concen: 93.834 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion: 82	Resp:	1511581
Ion	Ratio	Lower Upper
82	100	
128	50.4	40.9 61.3
54	37.6	29.4 44.2



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

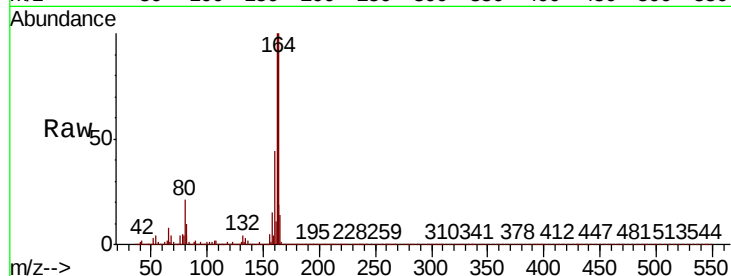




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
164	100		
162	99.9	82.2	123.2
160	44.4	37.6	56.4

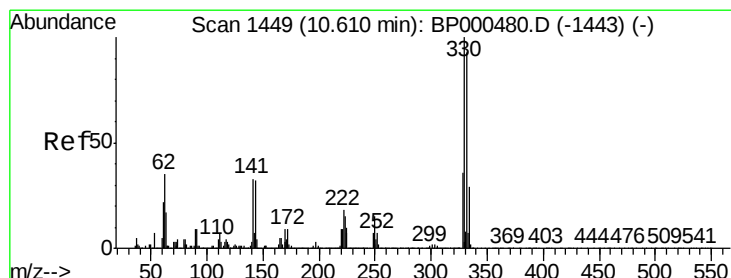
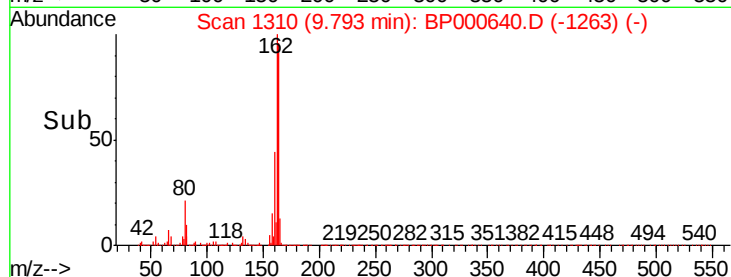
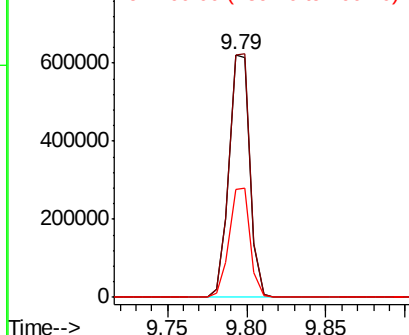


Abundance

Ion 164.00 (163.70 to 164.70): E

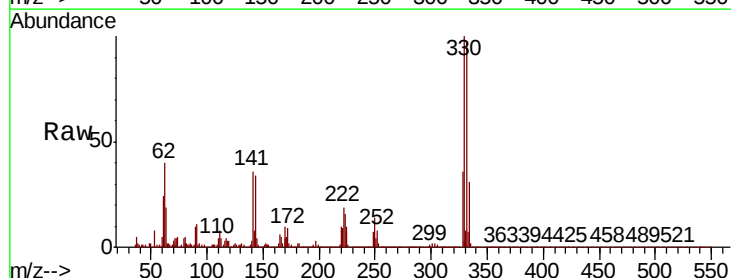
Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42
2,4,6-Tribromophenol
Concen: 32.968 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.1	115.7
141	33.8	26.0	39.0

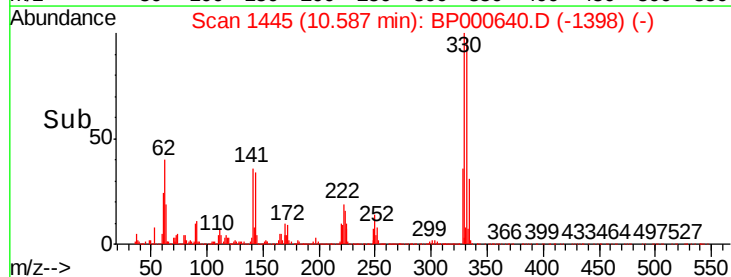
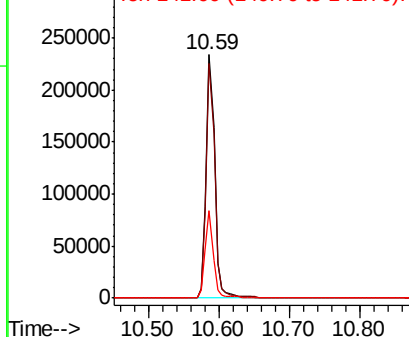


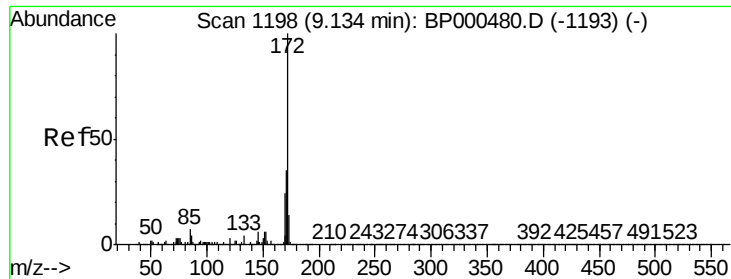
Abundance

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

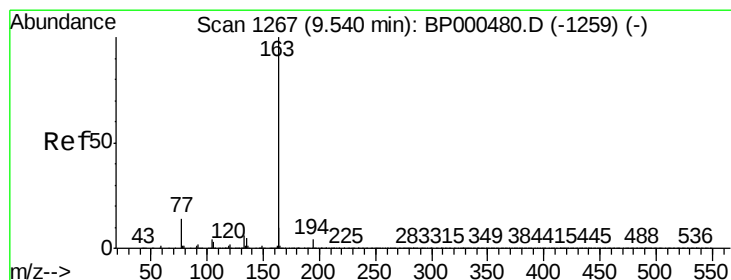
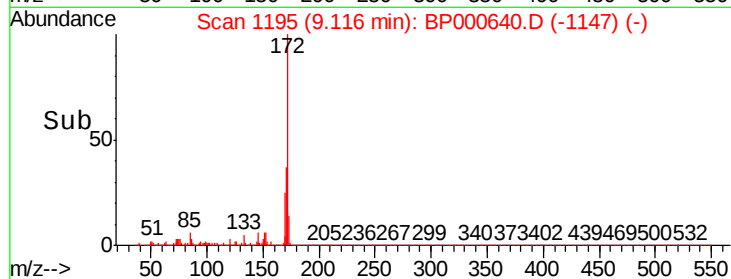
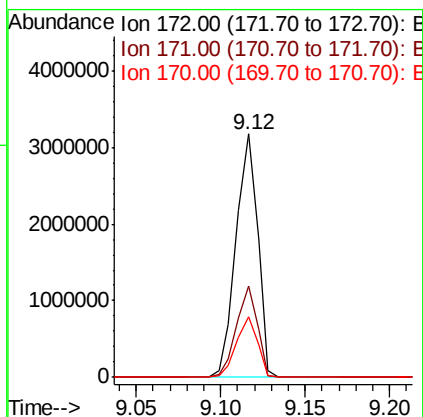
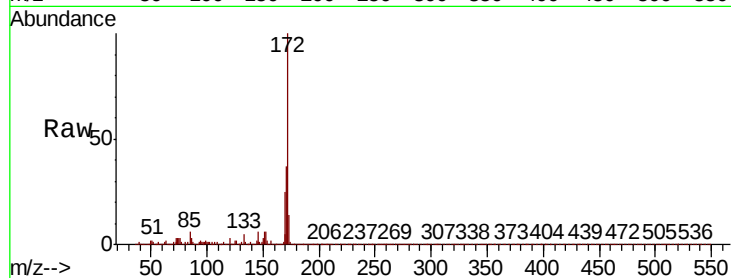




#45
2-Fluorobiphenyl
Concen: 80.764 ng
RT: 9.12 min Scan# 1195
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

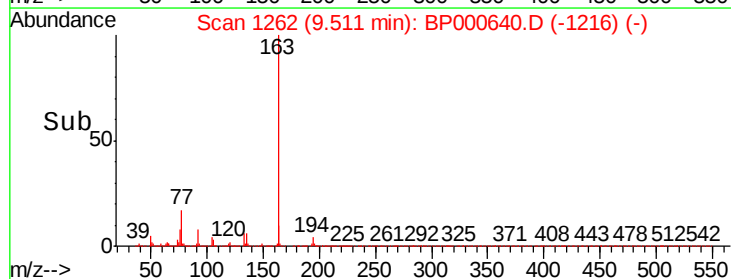
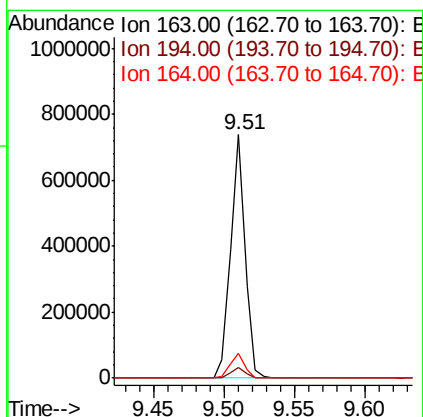
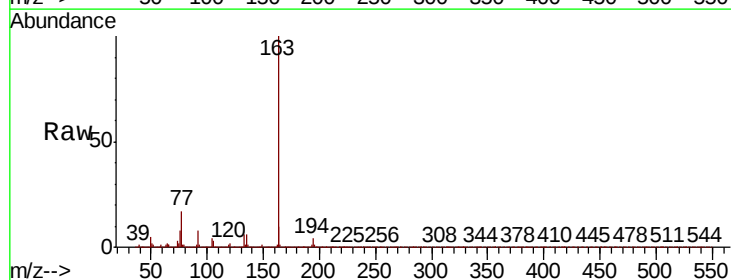
Instrument :
BNA_P
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AMENDED-COMPOSITE-C

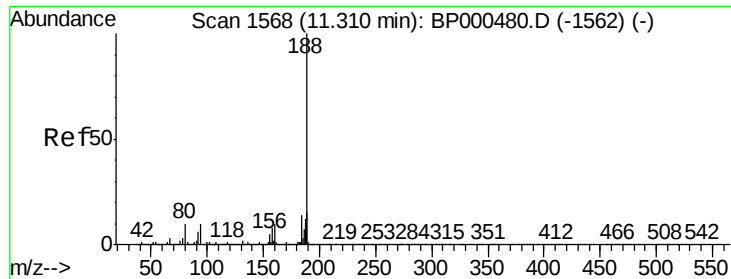
Tot Ion:172 Resp: 2829345
Ion Ratio Lower Upper
172 100
171 37.4 28.4 42.6
170 25.1 19.1 28.7



#50
Dimethylphthalate
Concen: 13.401 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.03 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion:163 Resp: 527811
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.0 8.0 12.0





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.29 min Scan# 1565

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

Instrument :

BNA_P

ClientSampleId :

AMENDED-COMPOSITE-C

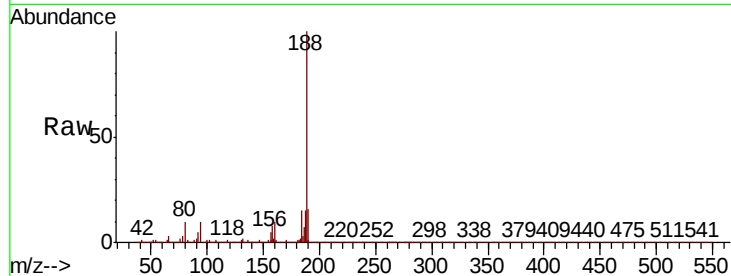
Tot Ion:188 Resp: 1043730

Ion Ratio Lower Upper

188 100

94 9.8 8.2 12.2

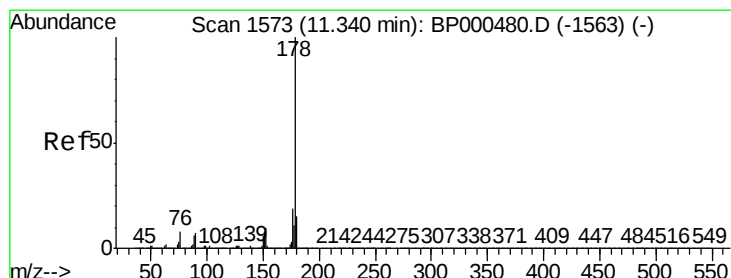
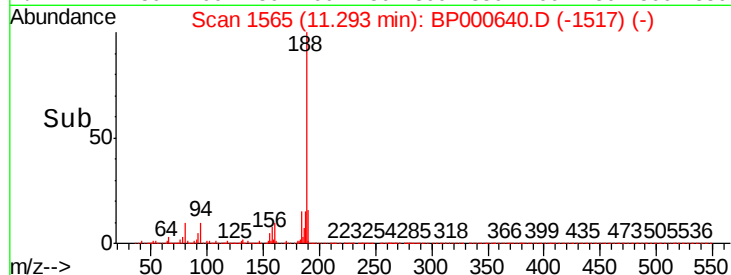
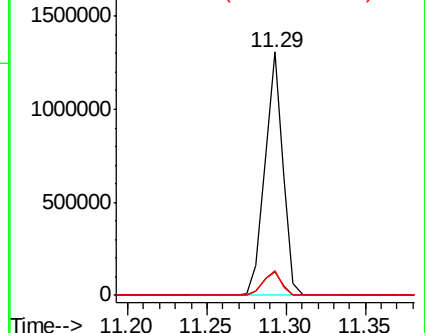
80 10.0 8.3 12.5



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BP0

Ion 80.00 (79.70 to 80.70): BP0



#71

Phenanthrene

Concen: 2.301 ng

RT: 11.32 min Scan# 1569

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

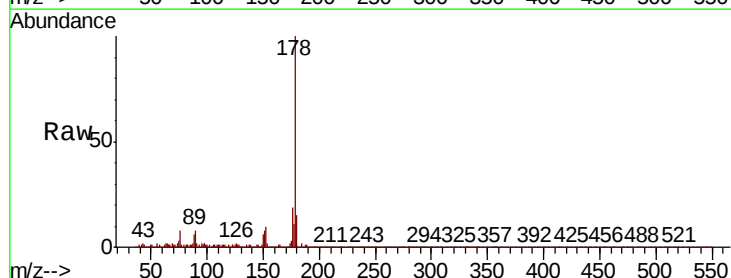
Tgt Ion:178 Resp: 120628

Ion Ratio Lower Upper

178 100

176 19.3 15.4 23.2

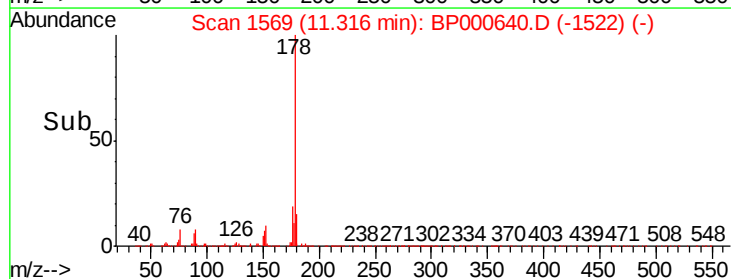
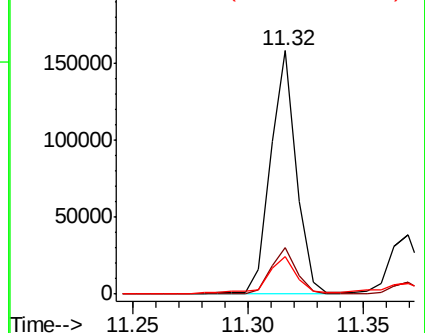
179 15.5 12.2 18.4

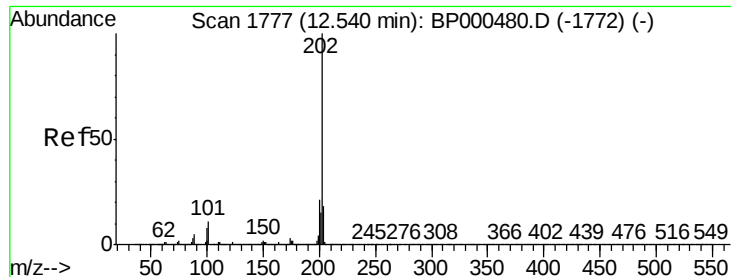


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#75

Fluoranthene

Concen: 2.861 ng

RT: 12.52 min Scan# 1773

Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

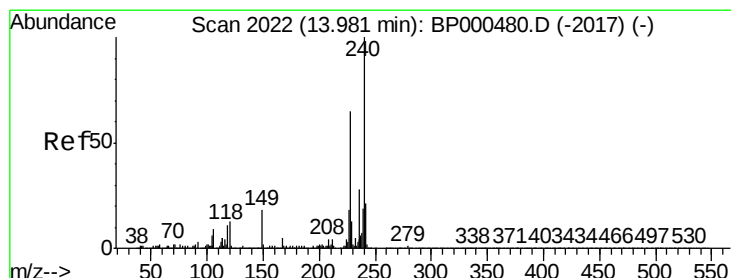
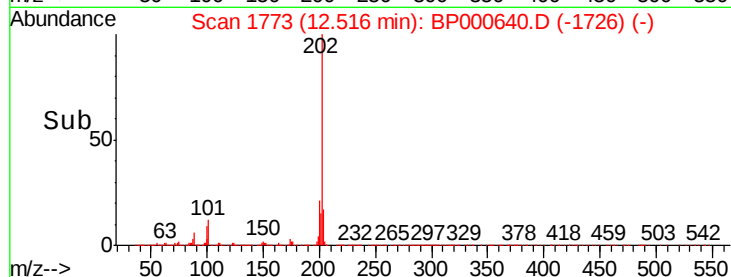
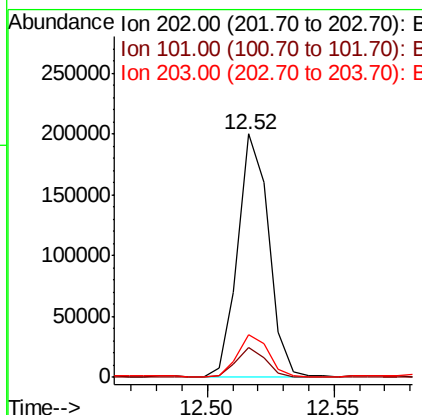
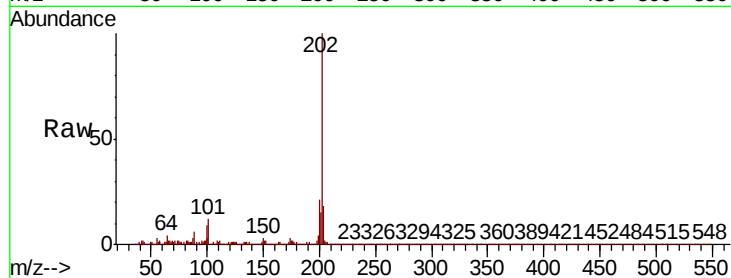
Instrument :

BNA_P

ClientSampleId :

AMENDED-COMPOSITE-C

Tot Ion:	202	Resp:	168445
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.3
203	17.7	0.0	38.1



#76

Chrysene-d12

Concen: 20.000 ng

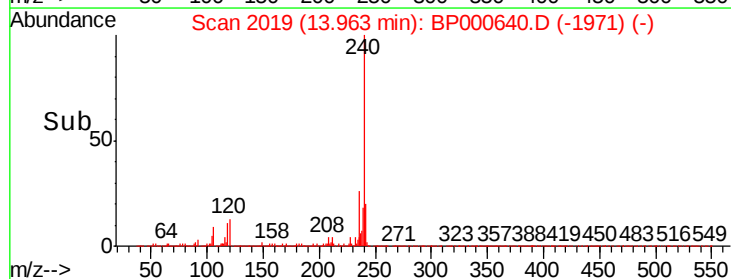
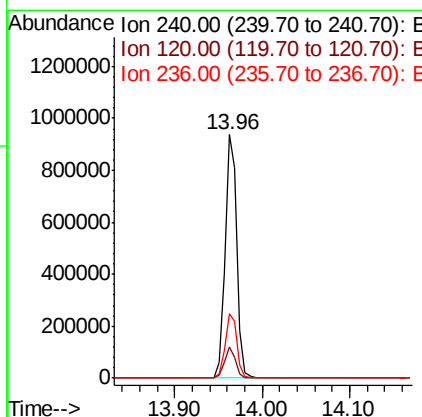
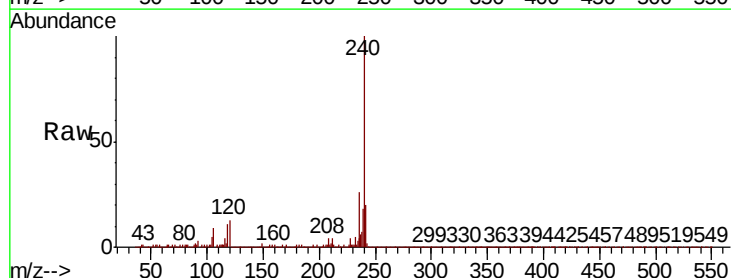
RT: 13.96 min Scan# 2019

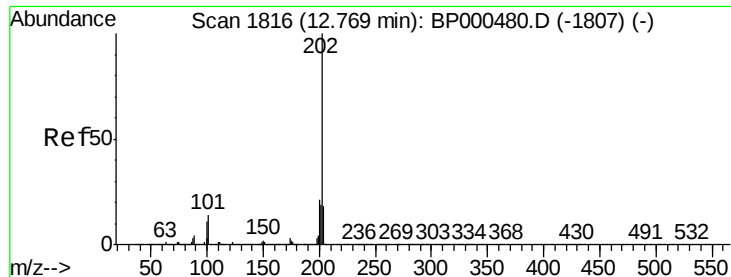
Delta R.T. -0.02 min

Lab File: BP000640.D

Acq: 11 Oct 2019 18:46

Tgt Ion:	240	Resp:	861785
Ion Ratio	Lower	Upper	
240	100		
120	12.9	10.1	15.1
236	26.4	22.7	34.1

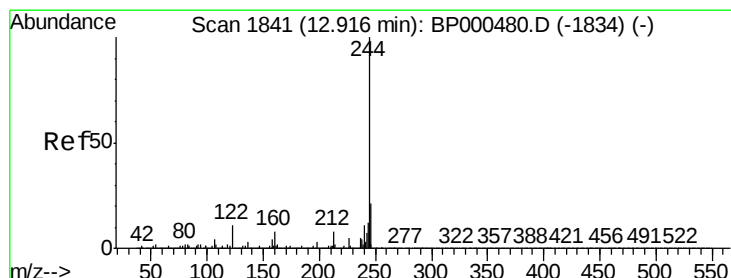
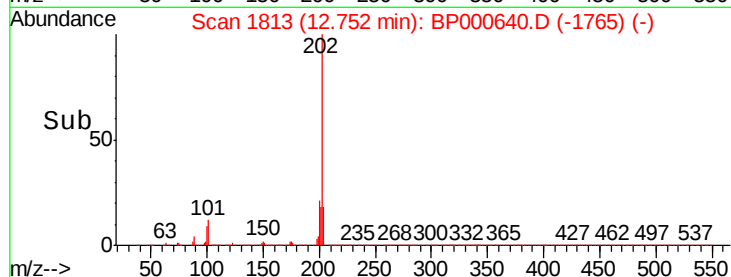
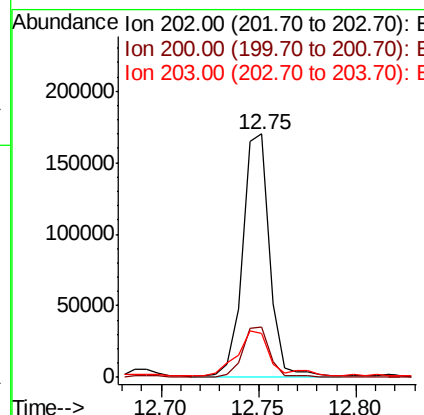
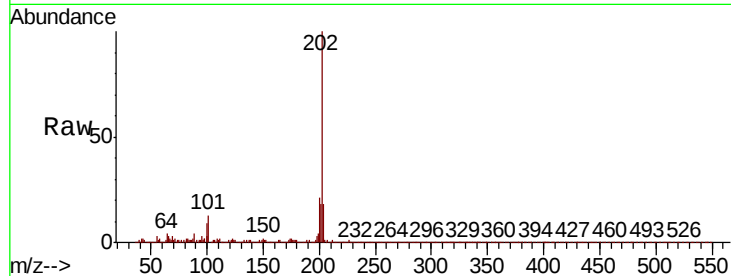




#78
Pvrene
Concen: 2.707 ng
RT: 12.75 min Scan# 1813
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

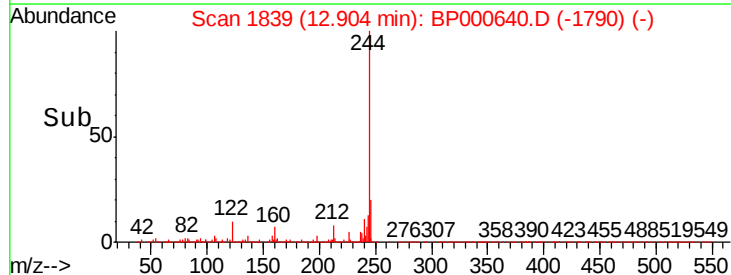
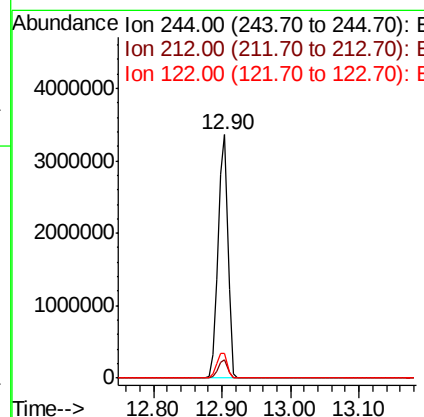
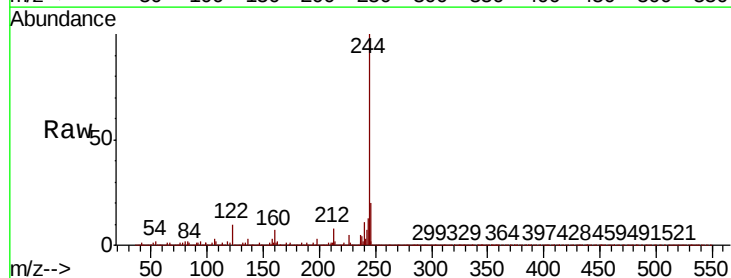
Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

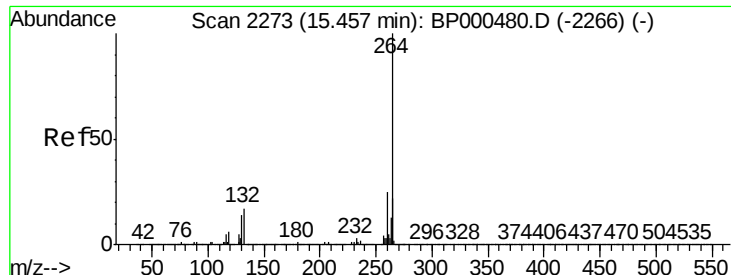
Tot Ion:202 Resp: 160874
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 18.0 14.6 21.8



#79
Terphenyl-d14
Concen: 76.655 ng
RT: 12.90 min Scan# 1839
Delta R.T. -0.01 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Tgt Ion:244 Resp: 3262651
Ion Ratio Lower Upper
244 100
212 7.7 6.0 9.0
122 10.4 8.9 13.3





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.02 min
Lab File: BP000640.D
Acq: 11 Oct 2019 18:46

Instrument :
BNA_P
ClientSampleId :
AMENDED-COMPOSITE-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	20.3	30.5
265	21.6	18.0	27.0

