

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 02:30:00 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

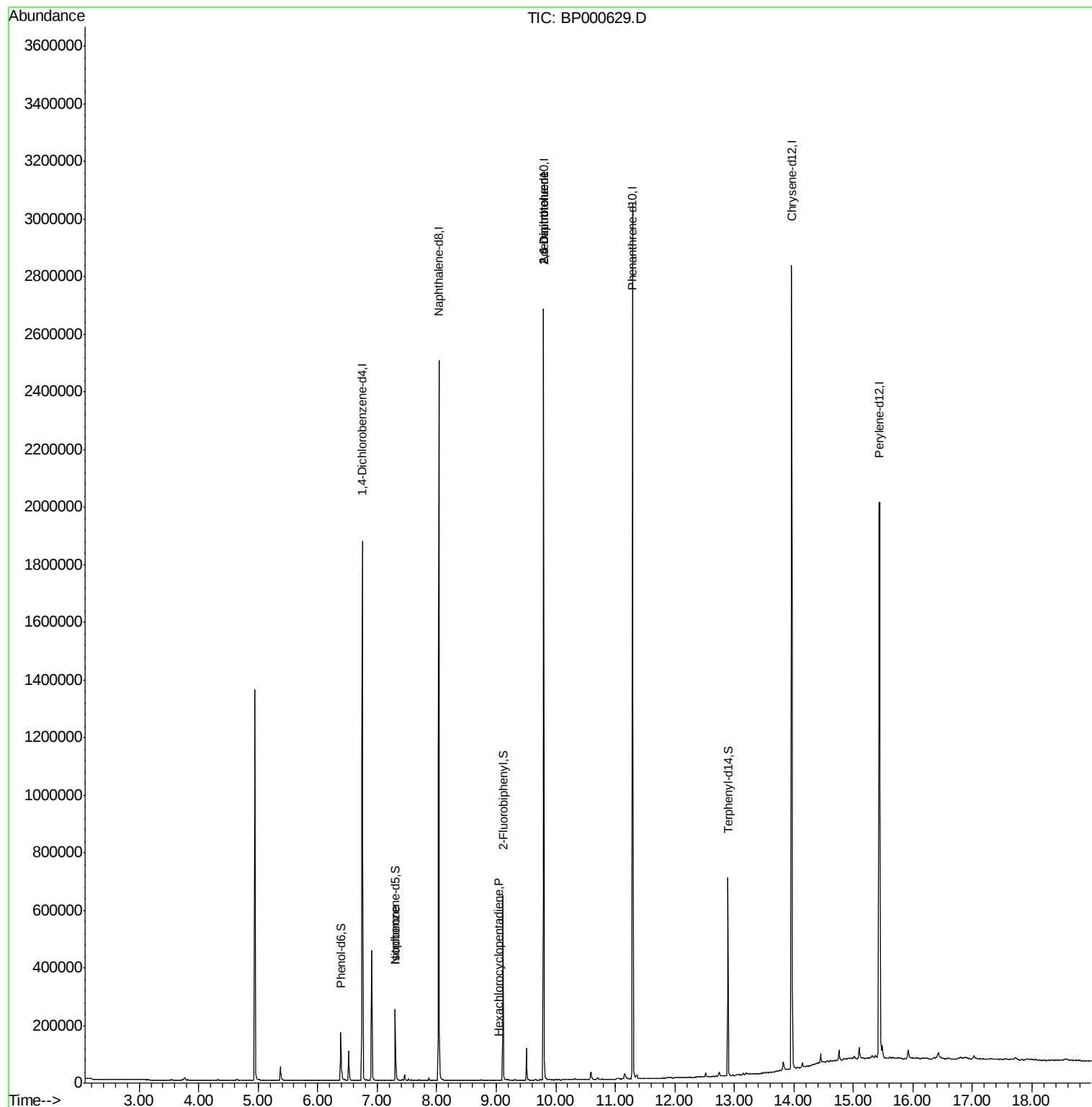
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	263262	20.00	ng	-0.02
21) Naphthalene-d8	8.03	136	996693	20.00	ng	-0.02
39) Acenaphthene-d10	9.80	164	548153	20.00	ng	-0.02
64) Phenanthrene-d10	11.29	188	980774	20.00	ng	-0.02
76) Chrysene-d12	13.96	240	840950	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						
25) Isophorone	7.30	82	84281	2.910	ng	Qvalue # 61
41) Hexachlorocyclopentadiene	9.03	237	13	7.299	ng	# 74
51) 2,6-Dinitrotoluene	9.80	165	71739	8.637	ng	# 35
57) 2,4-Dinitrotoluene	9.80	165	71733	6.514	ng	# 31

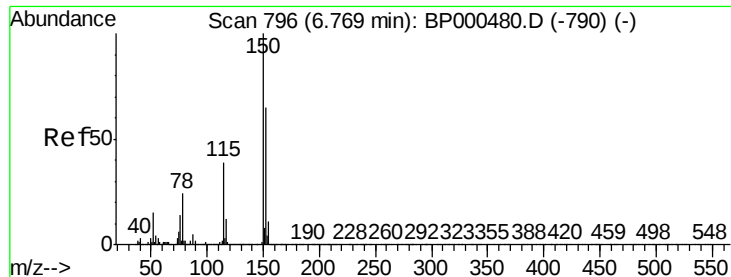
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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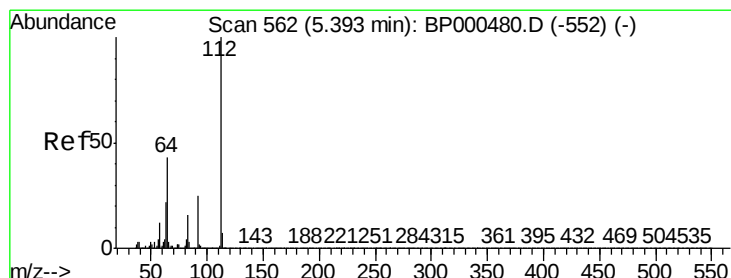
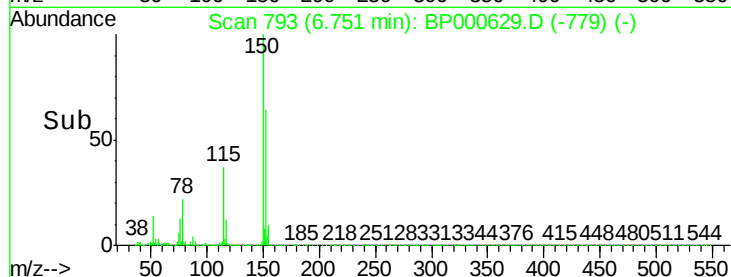
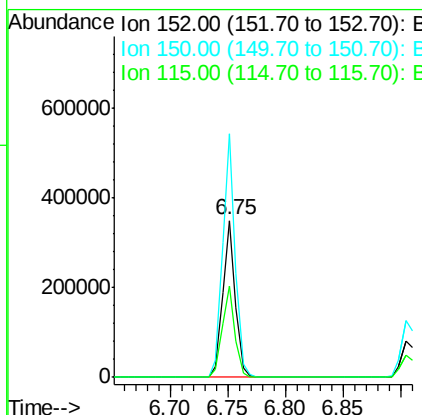
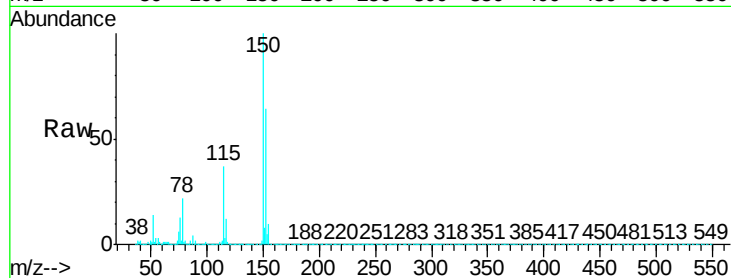


#1

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

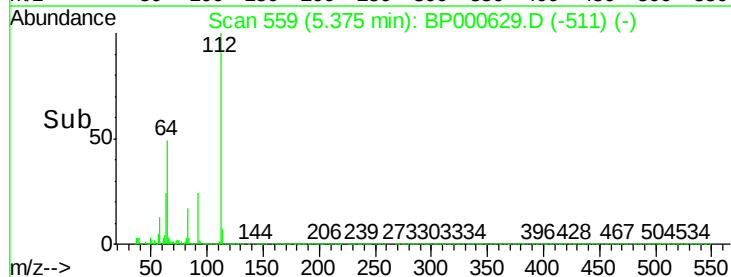
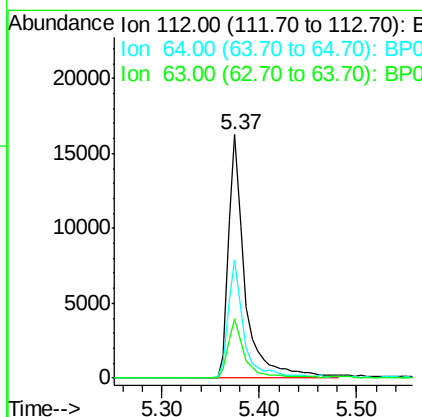
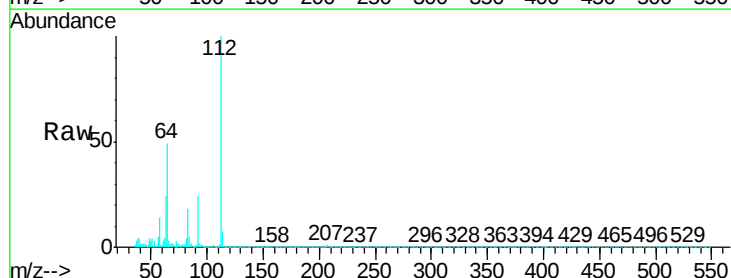
Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.1	124.1	186.1
115	57.7	48.7	73.1

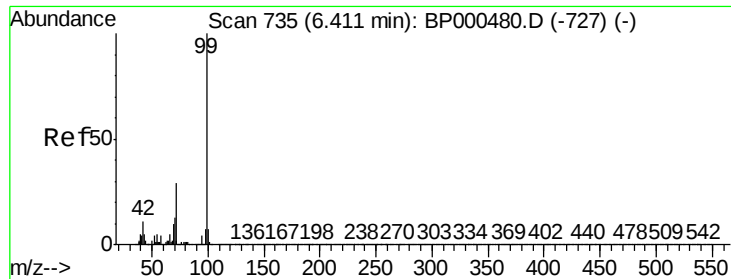


#5

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





#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

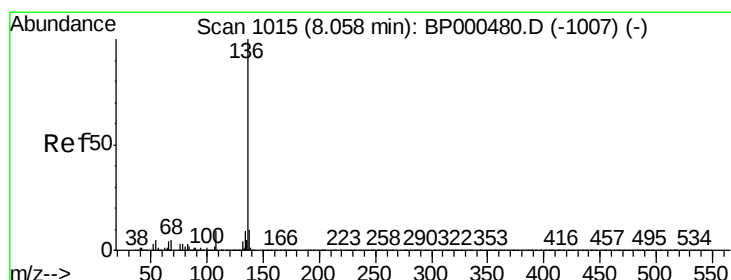
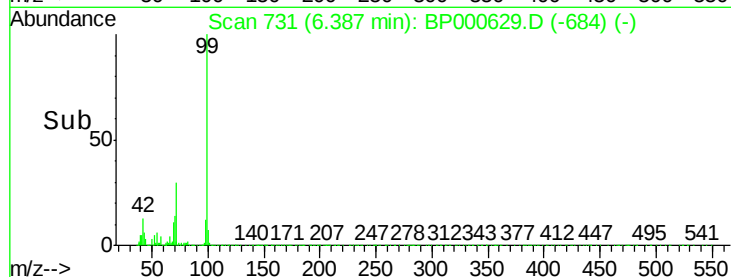
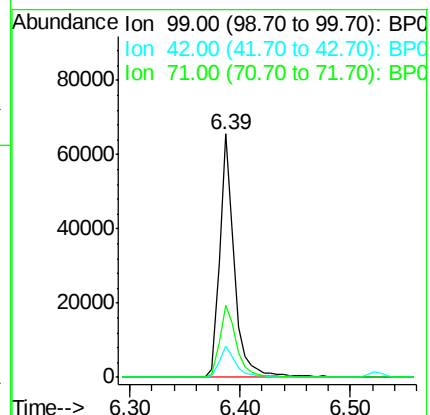
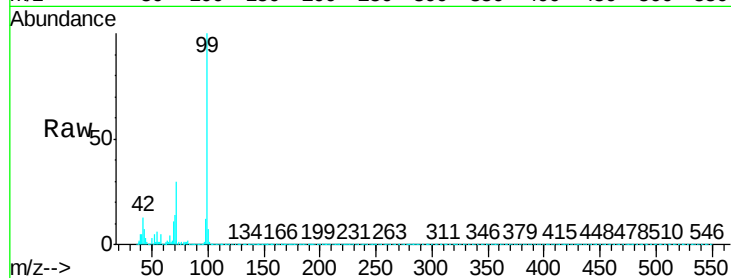
Tgt Ion: 99 Resp: 59678

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

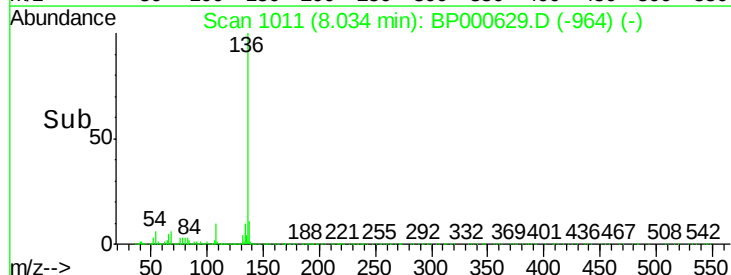
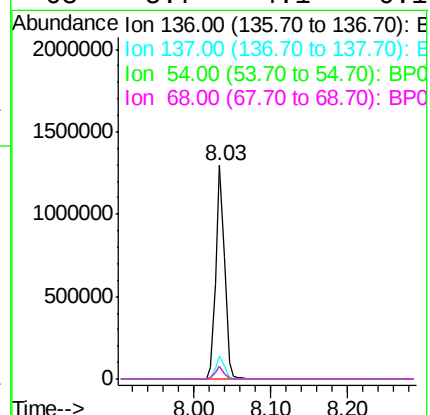
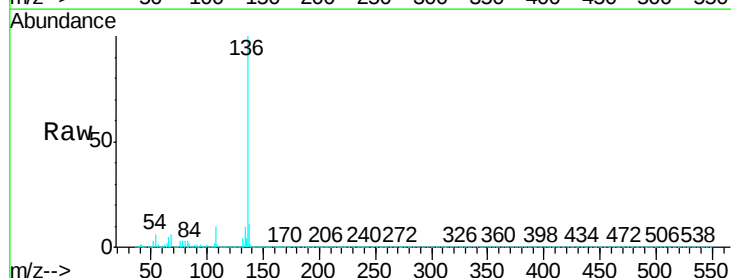
Ion Ratio Lower Upper

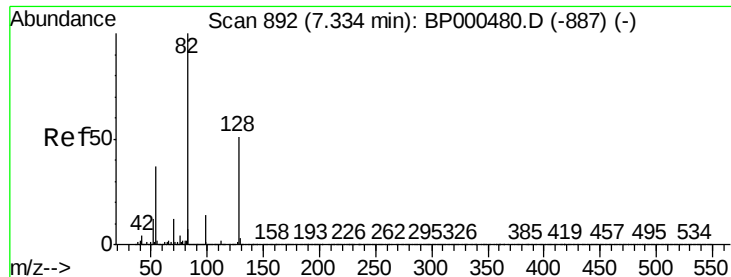
136 100

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

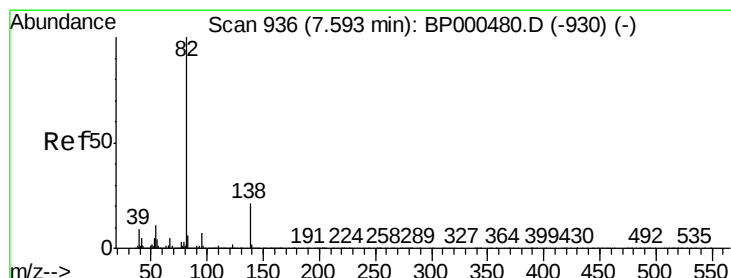
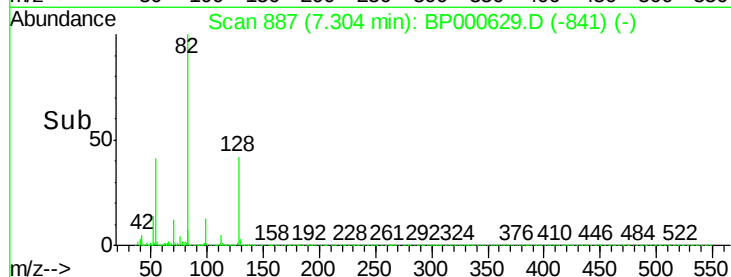
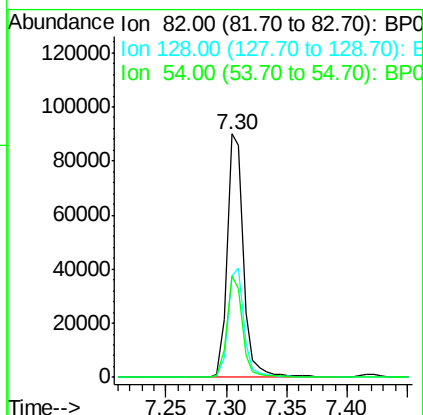
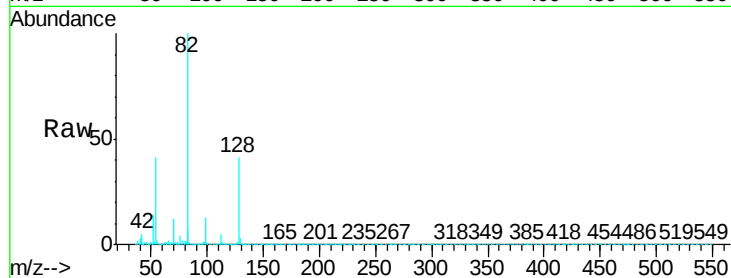
Instrument :

BNA_P

ClientSampleId :

20190857-AMENDED-COMP-D

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



#25

Isophorone

Concen: 2.910 ng

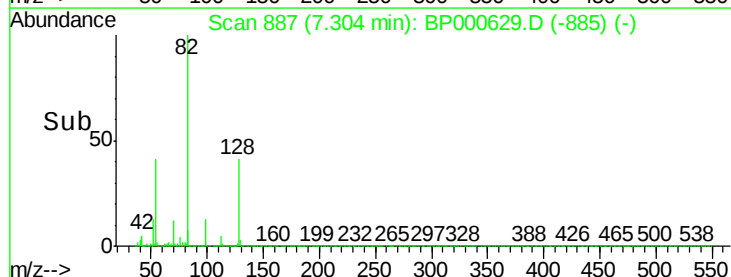
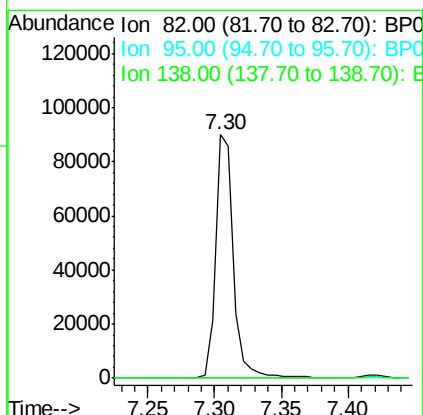
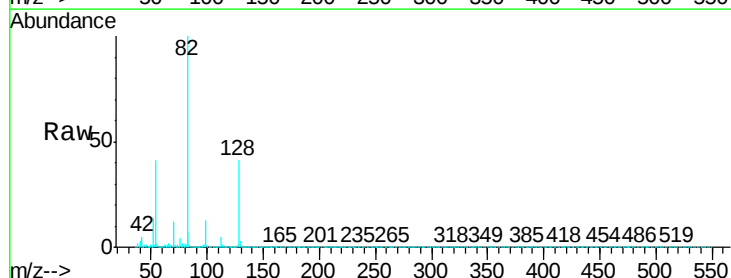
RT: 7.30 min Scan# 887

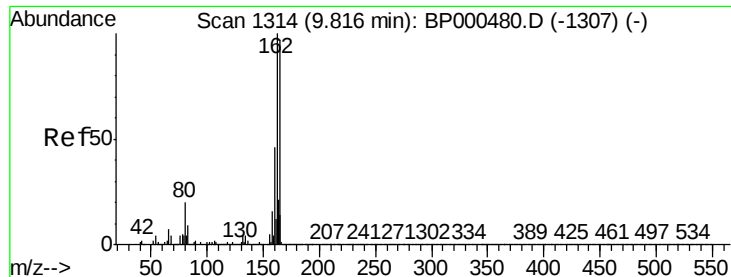
Delta R.T. -0.29 min

Lab File: BP000629.D

Acq: 10 Oct 2019 20:29

Tgt Ion:	82	Resp:	84281
Ion	Ratio	Lower	Upper
82	100		
95	0.1	5.8	8.6#
138	0.0	17.0	25.4#

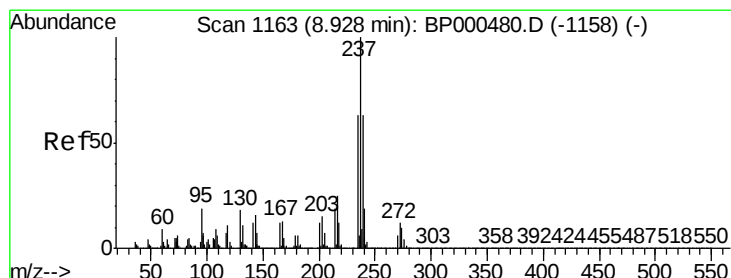
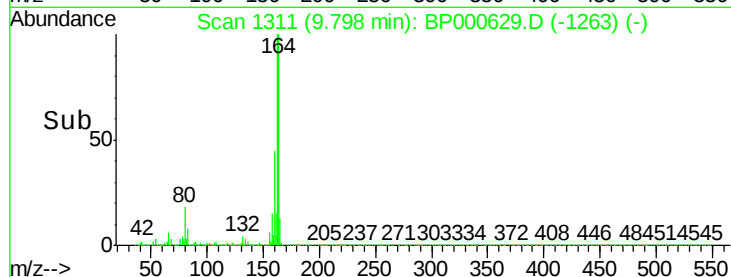
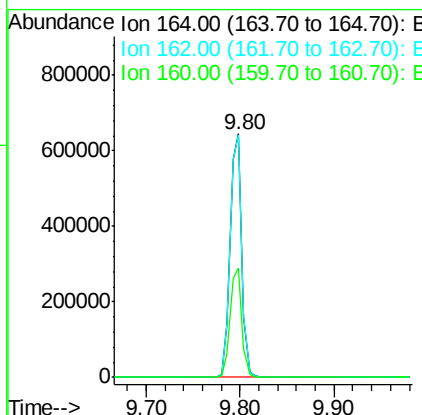
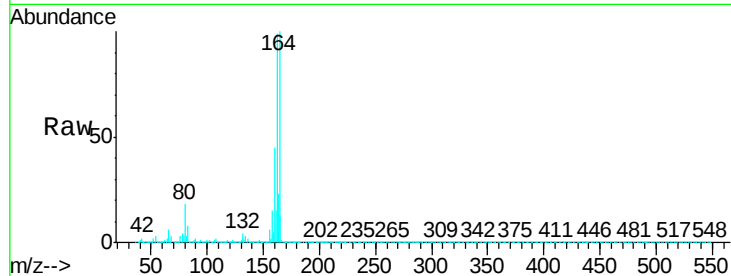




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1311
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

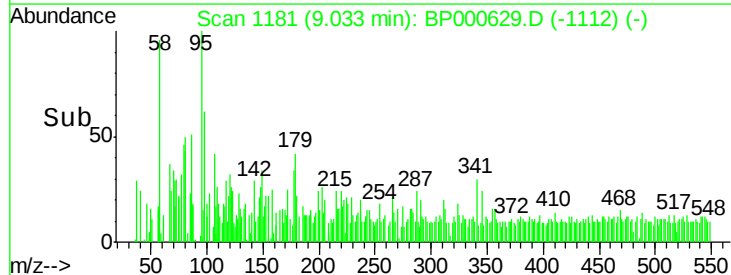
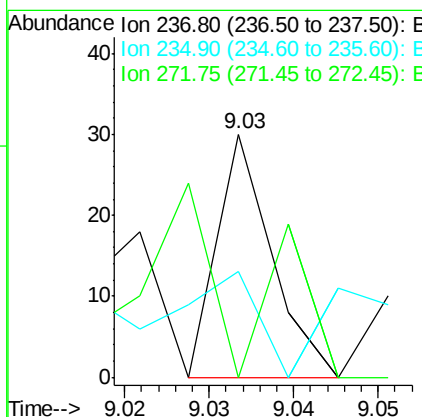
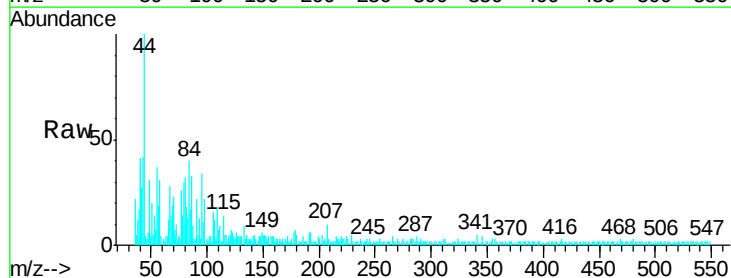
Instrument :
BNA_P
ClientSampleId :
20190857-AMENDED-COMP-D

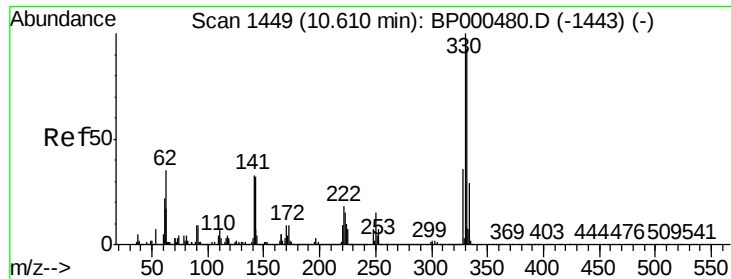
Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.3	82.2	123.2
160	45.0	37.6	56.4



#41
Hexachlorocyclopentadiene
Concen: 7.299 ng
RT: 9.03 min Scan# 1181
Delta R.T. 0.11 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

Tgt Ion	Ratio	Lower	Upper
237	100		
235	43.3	42.9	82.9
272	0.0	0.0	32.4





#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

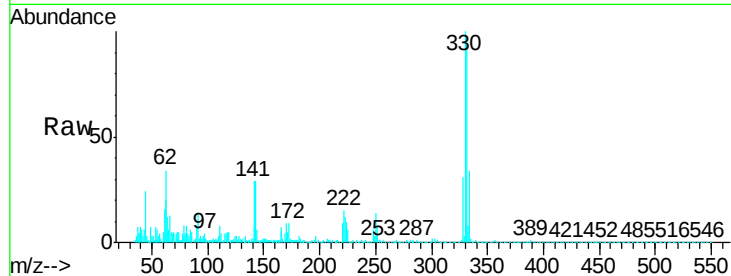
Instrument :

BNA_P

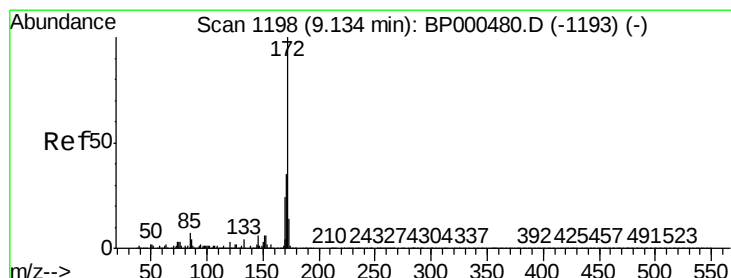
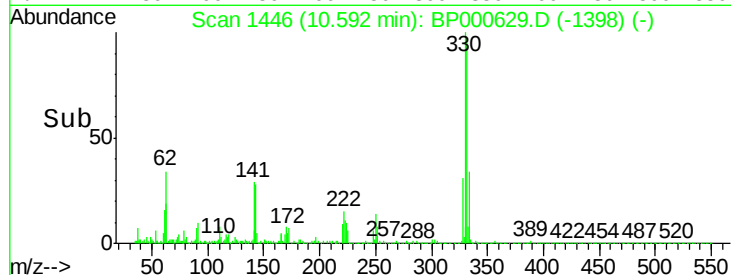
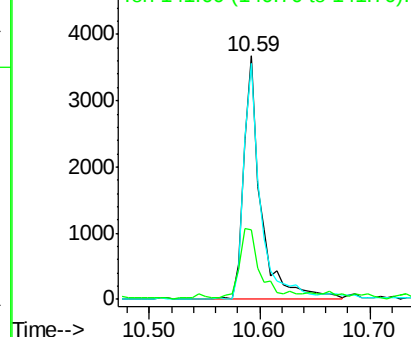
ClientSampleId :

20190857-AMENDED-COMP-D

Tgt 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

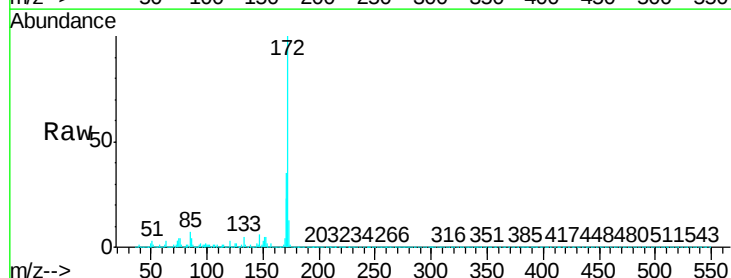
RT: 9.11 min Scan# 1194

Delta R.T. -0.02 min

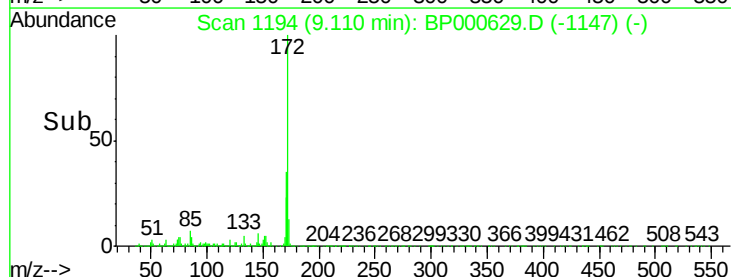
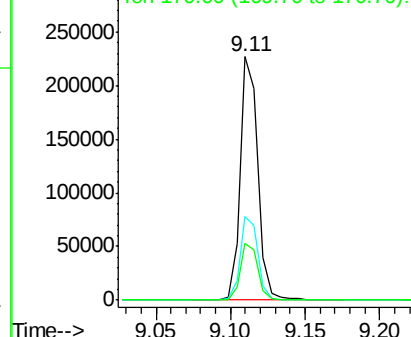
Lab File: BP000629.D

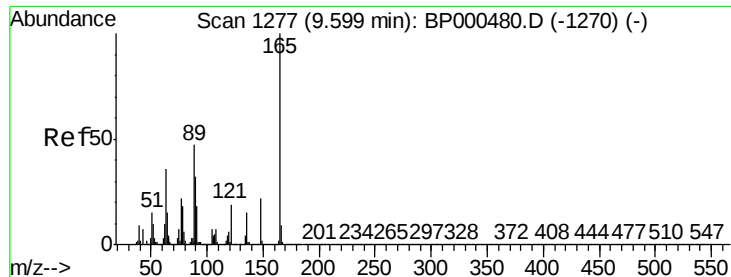
Acq: 10 Oct 2019 20:29

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





#51

2,6-Dinitrotoluene

Concen: 8.637 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.20 min

Lab File: BP000629.D

Acq: 10 Oct 2019 20:29

Instrument :

BNA_P

ClientSampleId :

20190857-AMENDED-COMP-D

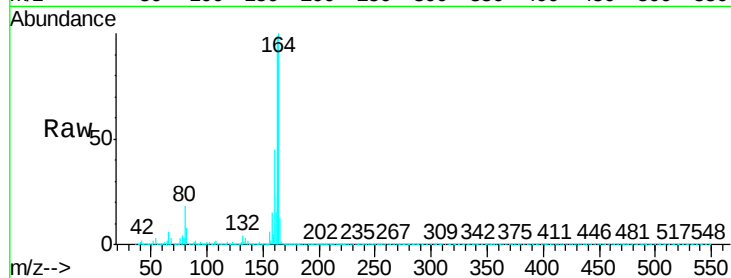
Tgt Ion:165 Resp: 71739

Ion Ratio Lower Upper

165 100

63 0.8 29.9 44.9#

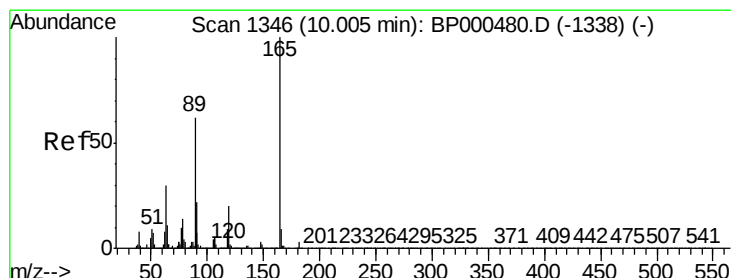
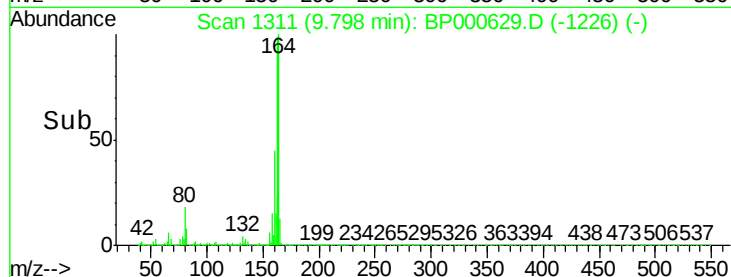
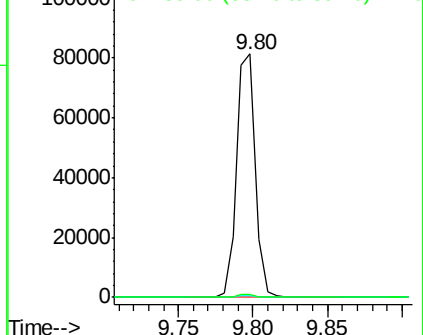
89 1.4 37.3 55.9#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0



#57

2,4-Dinitrotoluene

Concen: 6.514 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.21 min

Lab File: BP000629.D

Acq: 10 Oct 2019 20:29

Tgt Ion:165 Resp: 71733

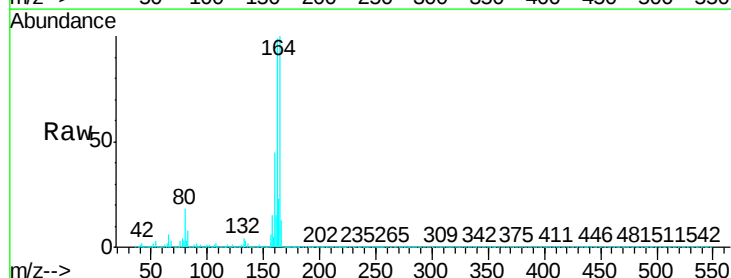
Ion Ratio Lower Upper

165 100

63 0.8 24.2 36.4#

89 1.4 49.4 74.0#

182 0.0 2.5 3.7#

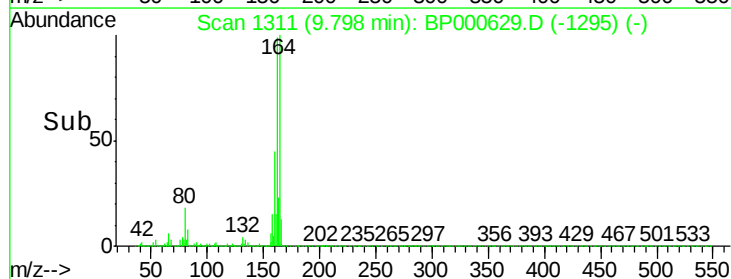
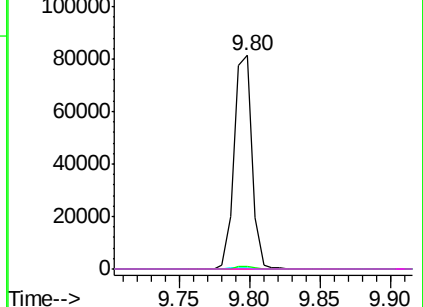


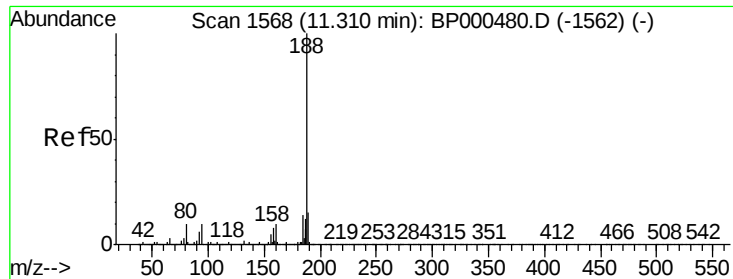
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BP0

Ion 89.00 (88.70 to 89.70): BP0

Ion 182.00 (181.70 to 182.70): E

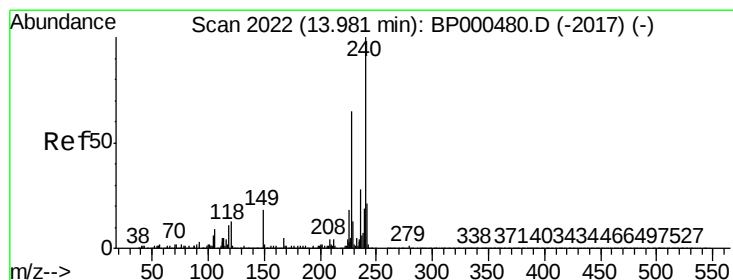
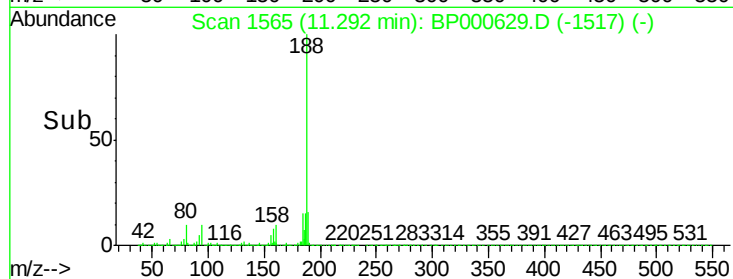
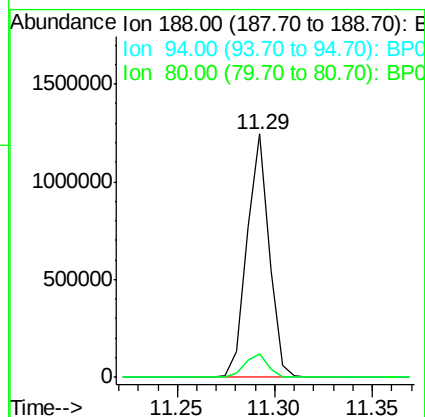
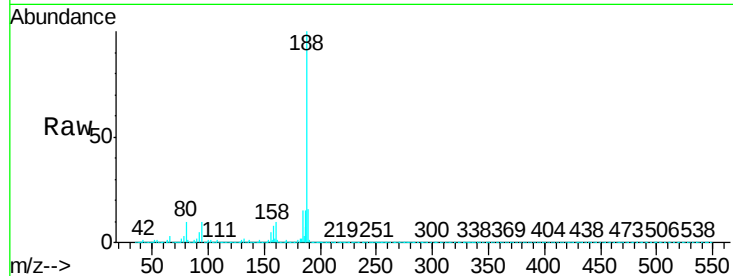




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.02 min
Lab File: BP000629.D
Acq: 10 Oct 2019 20:29

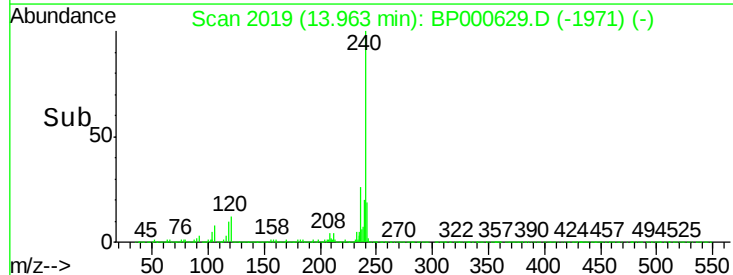
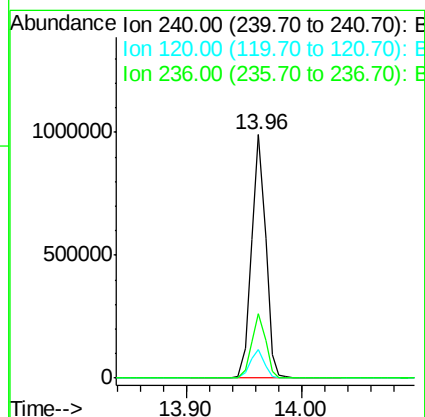
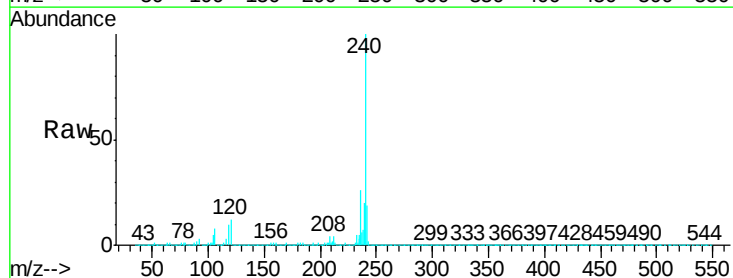
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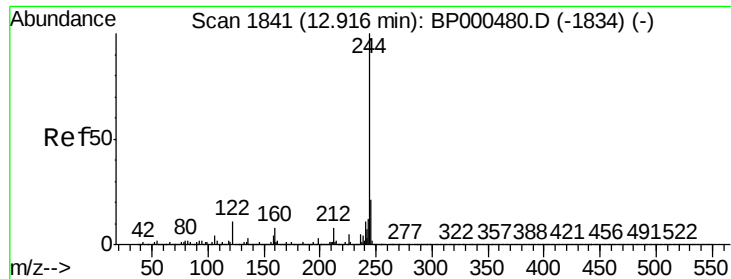
Tgt Ion:188 Resp: 980774
Ion Ratio Lower Upper
188 100
94 9.5 8.2 12.2
80 9.5 8.3 12.5



#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

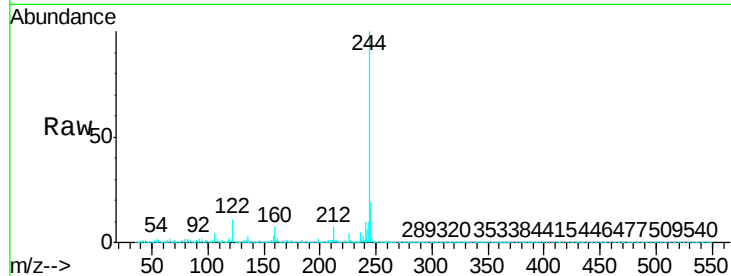
Tgt Ion:244 Resp: 219072

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

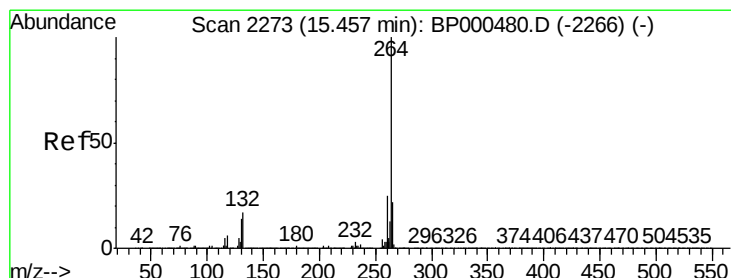
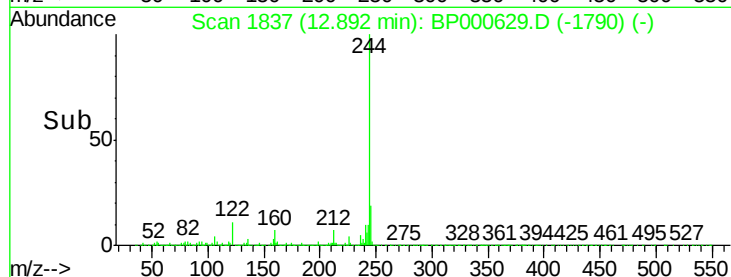
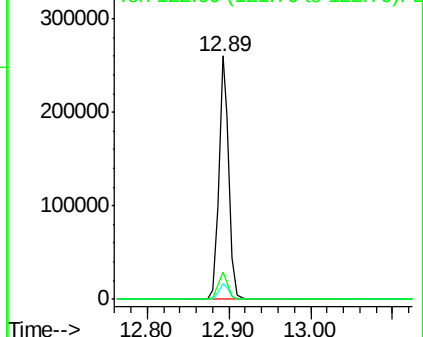
122 11.4 8.9 13.3



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#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

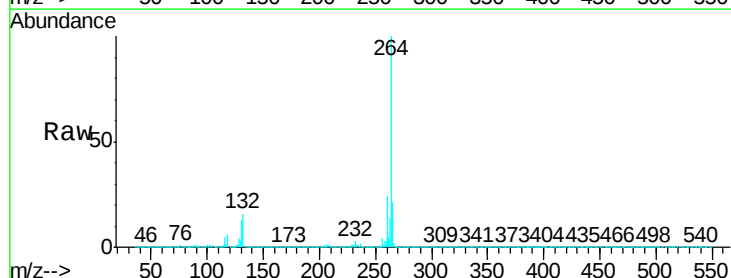
Tgt Ion:264 Resp: 927949

Ion Ratio Lower Upper

264 100

260 23.8 20.3 30.5

265 21.4 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

