

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP092019\
 Data File : BP000346.D
 Acq On : 20 Sep 2019 12:00
 Operator : HP/JU
 Sample : K4944-01DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPDL

Quant Time: Sep 20 15:59:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP091619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 19 14:44:51 2019
 Response via : Initial Calibration

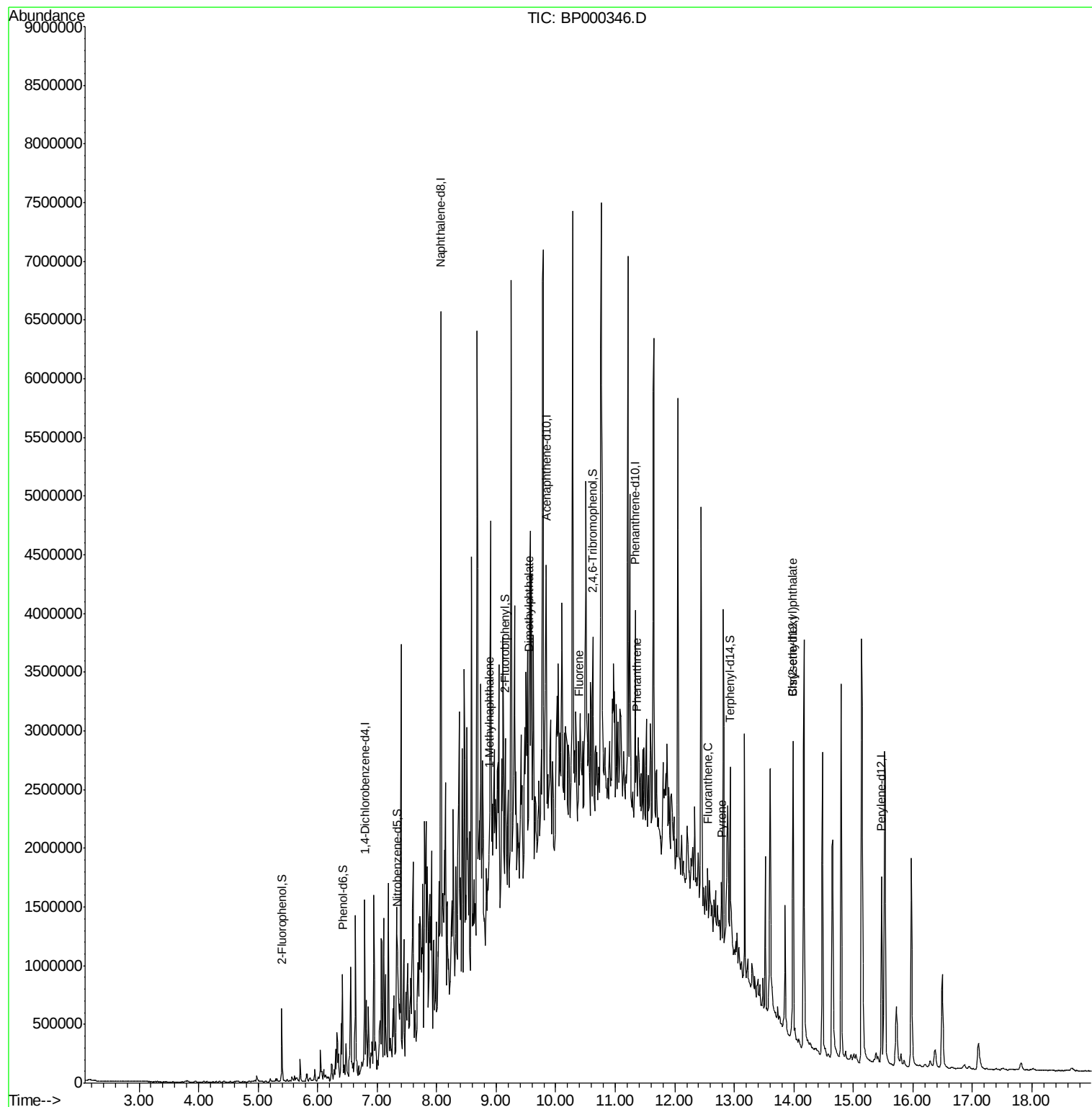
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	202153	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	614533	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	375518	20.00	ng	0.00
64) Phenanthrene-d10	11.33	188	661761	20.00	ng	0.00
76) Chrysene-d12	13.99	240	626370	20.00	ng	0.00
87) Perylene-d12	15.47	264	748054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	181063	15.46	ng	0.00
7) Phenol-d6	6.42	99	303063	21.11	ng	0.00
23) Nitrobenzene-d5	7.35	82	189548	19.90	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	29693	7.97	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	390109	18.70	ng	0.00
79) Terphenyl-d14	12.93	244	445002	14.90	ng	0.00
Target Compounds						
38) 1-Methylnaphthalene	8.89	142	88015	4.829	ng	# 97
50) Dimethylphthalate	9.55	163	53040	2.073	ng	# 75
58) Fluorene	10.39	166	46735	2.071	ng	# 75
71) Phenanthrene	11.36	178	105080	3.169	ng	# 91
75) Fluoranthene	12.56	202	98754	2.773	ng	94
78) Pyrene	12.79	202	142250	3.035	ng	98
84) Bis(2-ethylhexyl)phthalate	13.98	149	679491	26.287	ng	99

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

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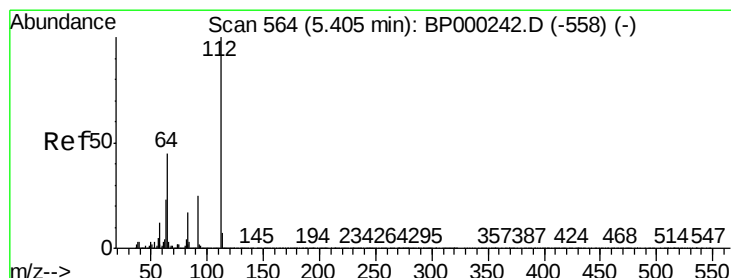
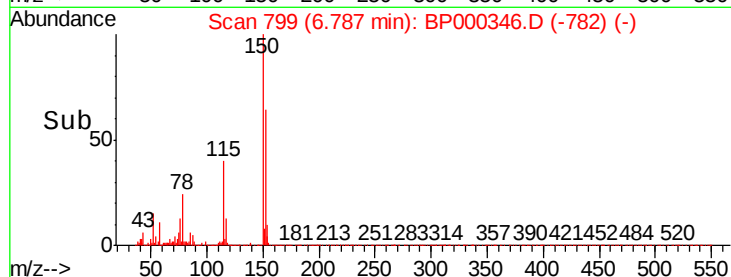
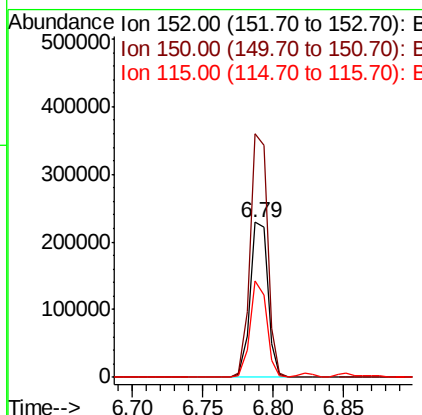
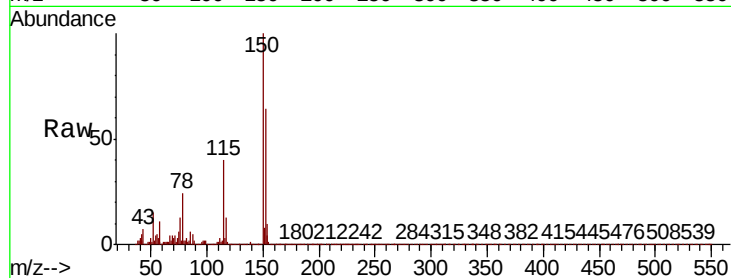


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

Instrument :
BNA_P
ClientSampleId :
DRUM-COMPDL

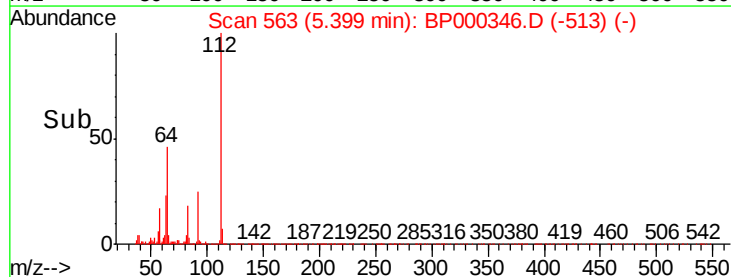
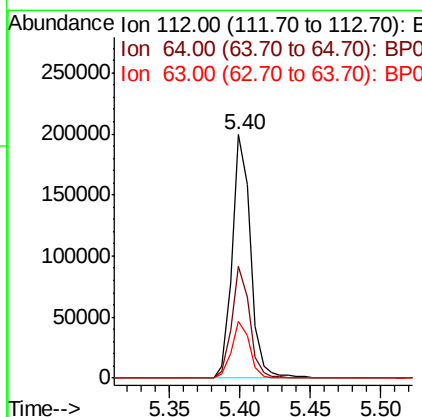
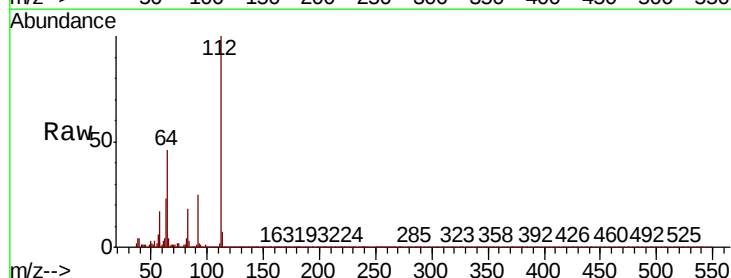
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	125.2	187.8
115	62.4	49.7	74.5

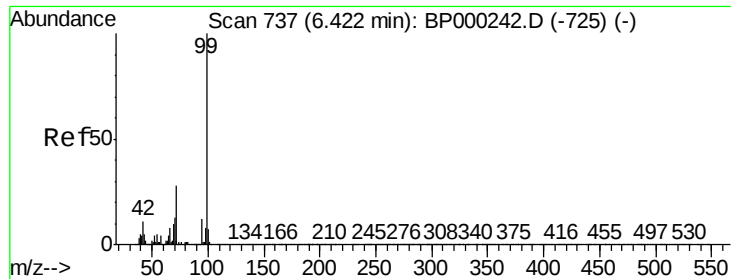


#5

2-Fluorophenol
Concen: 15.462 ng
RT: 5.40 min Scan# 563
Delta R.T. -0.01 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	45.9	36.2	54.4
63	23.4	18.3	27.5





#7

Phenol-d6

Concen: 21.114 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPD

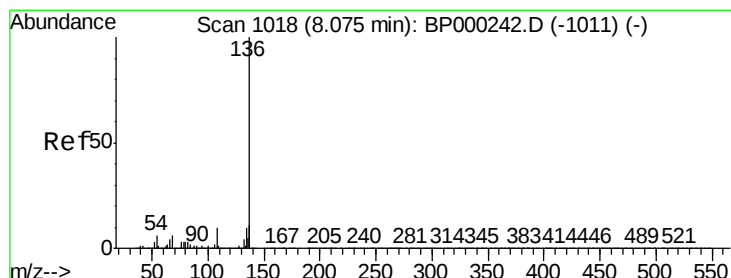
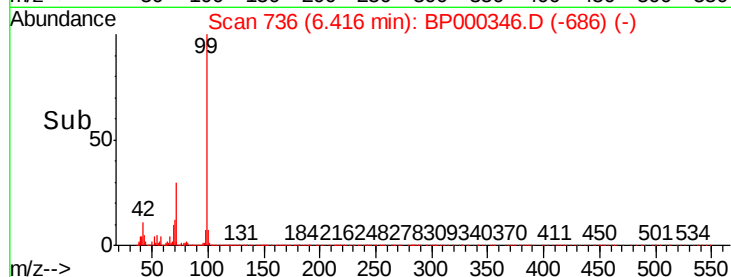
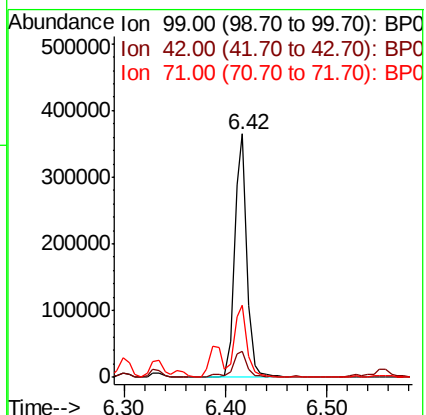
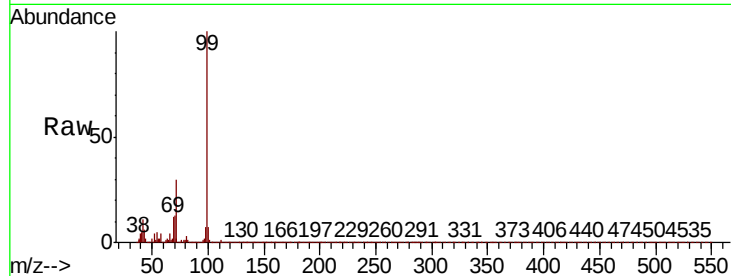
Tot Ion: 99 Resp: 303063

Ion Ratio Lower Upper

99 100

42 10.8 8.5 12.7

71 29.7 22.6 34.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1018

Delta R.T. 0.00 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

Tgt Ion: 136 Resp: 614533

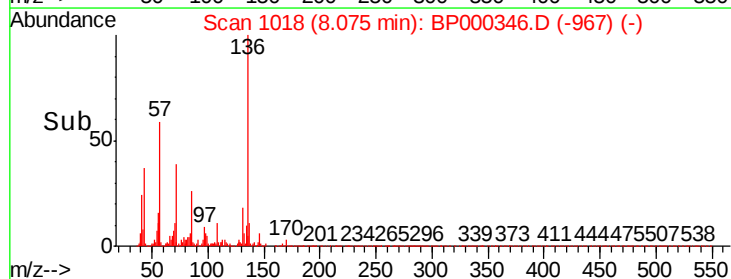
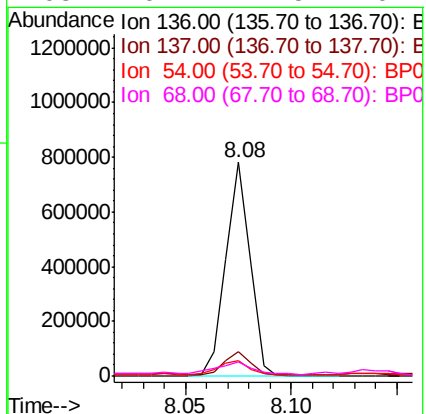
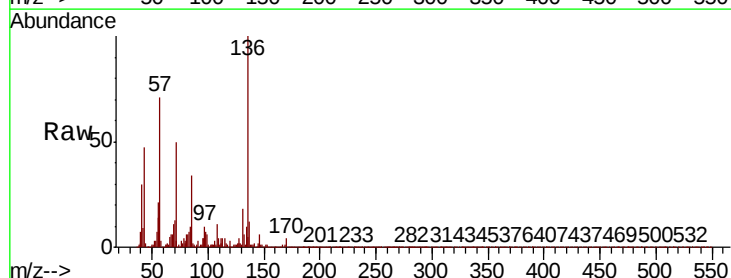
Ion Ratio Lower Upper

136 100

137 11.5 8.6 13.0

54 7.1 4.5 6.7#

68 6.4 4.5 6.7

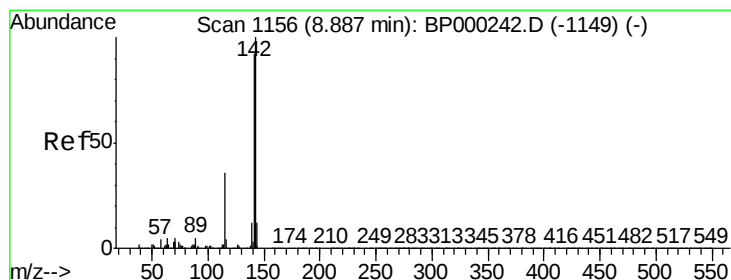
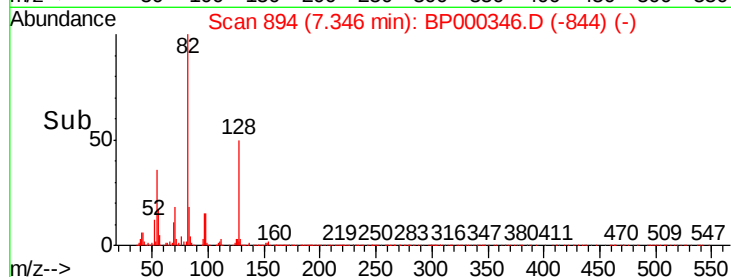
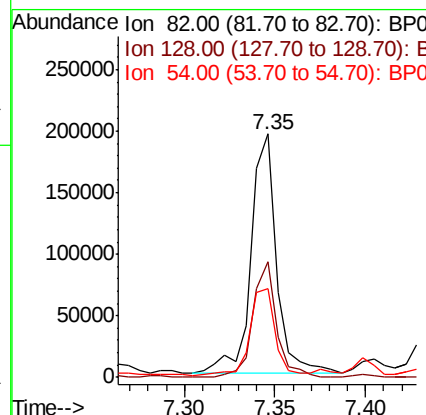
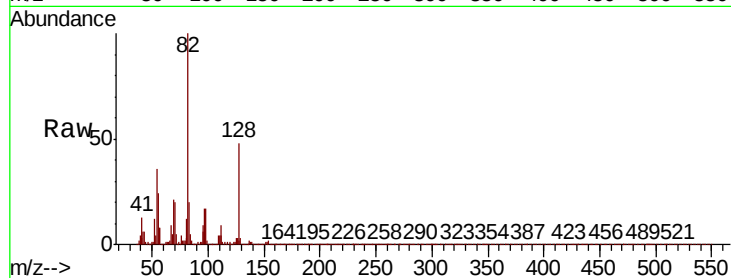




#23
 Nitrobenzene-d5
 Concen: 19.901 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BP000346.D
 Acq: 20 Sep 2019 12:00

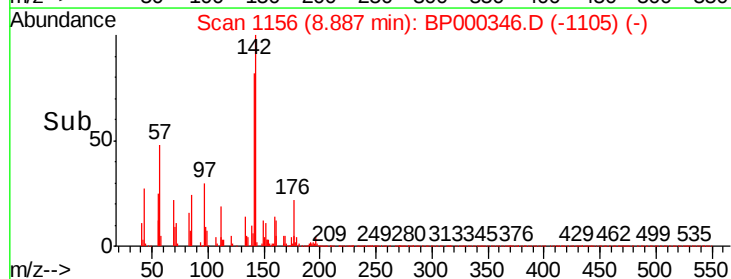
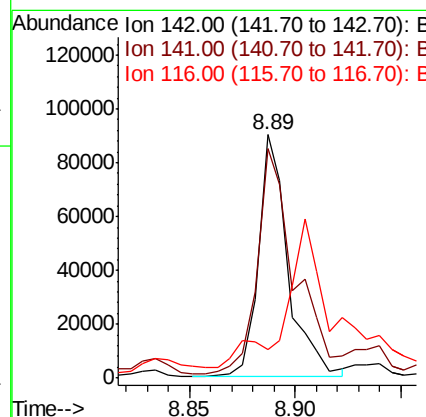
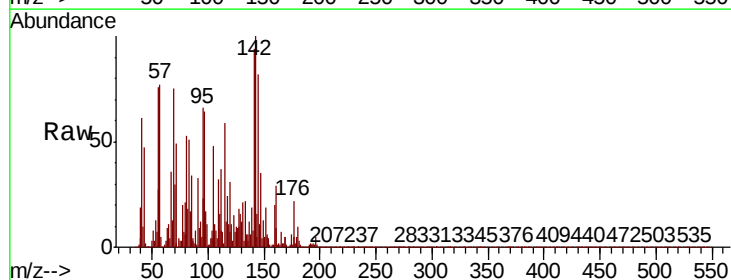
Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPDL

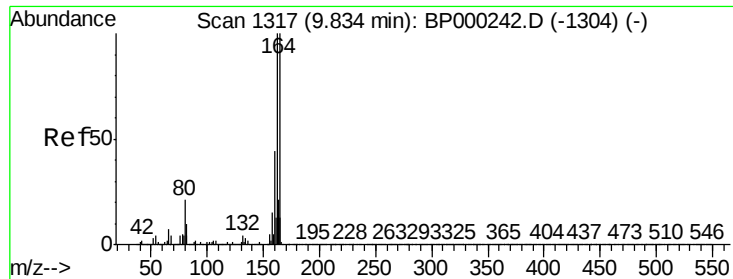
Tot Ion	82	Resp	189548
Ion Ratio	Lower	Upper	
82	100		
128	47.6	40.7	61.1
54	36.3	30.1	45.1



#38
 1-Methylnaphthalene
 Concen: 4.829 ng
 RT: 8.89 min Scan# 1156
 Delta R.T. 0.00 min
 Lab File: BP000346.D
 Acq: 20 Sep 2019 12:00

Tgt Ion	142	Resp	88015
Ion Ratio	Lower	Upper	
142	100		
141	94.4	73.9	110.9
116	11.6	3.0	4.6

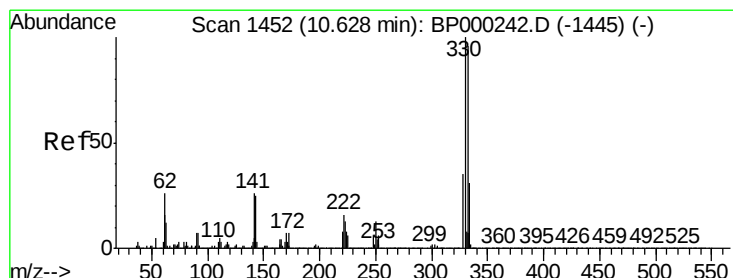
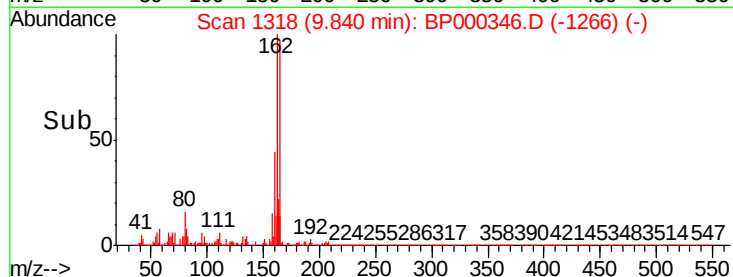
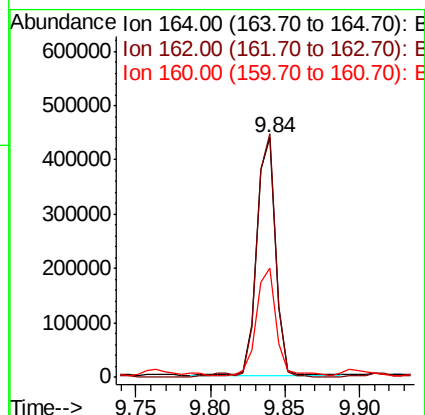
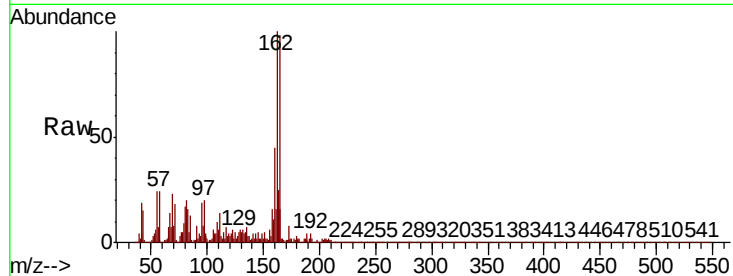




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. 0.01 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

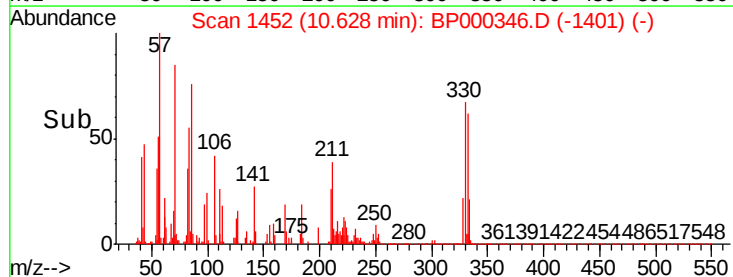
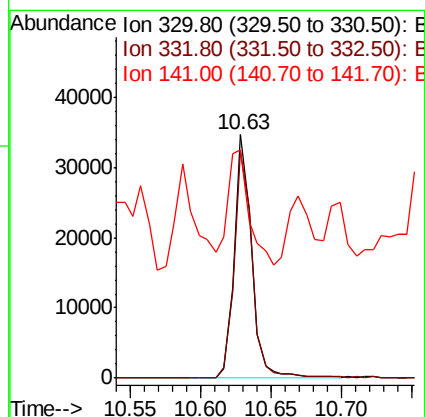
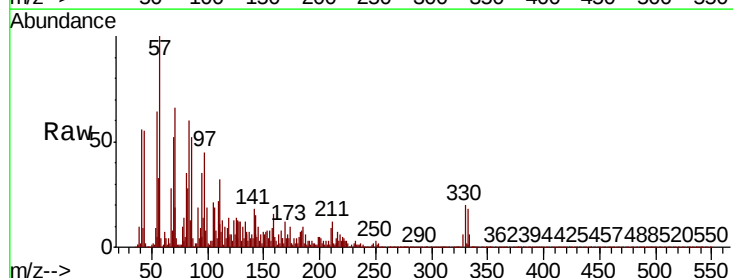
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPDL

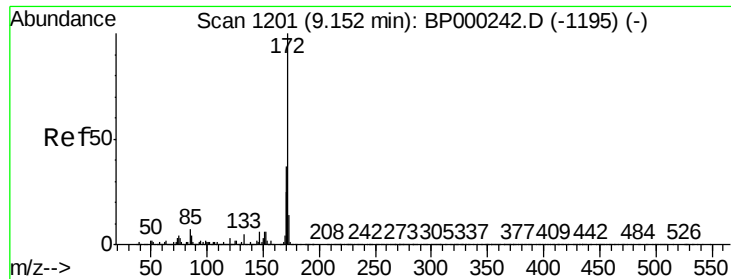
Tot Ion:164 Resp: 375518
Ion Ratio Lower Upper
164 100
162 101.8 79.9 119.9
160 45.7 35.6 53.4



#42
2,4,6-Tribromophenol
Concen: 7.972 ng
RT: 10.63 min Scan# 1452
Delta R.T. 0.00 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

Tgt Ion:330 Resp: 29693
Ion Ratio Lower Upper
330 100
332 97.3 76.6 115.0
141 56.9 26.5 39.7#

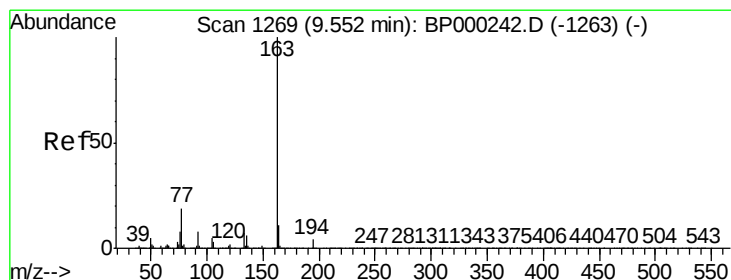
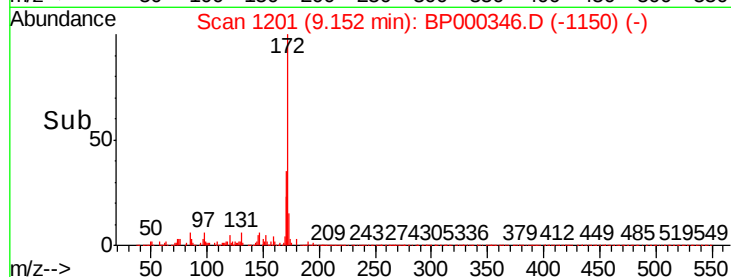
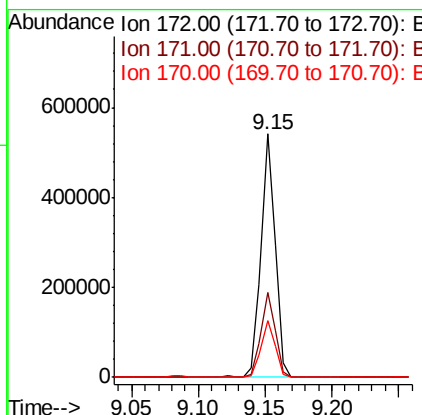
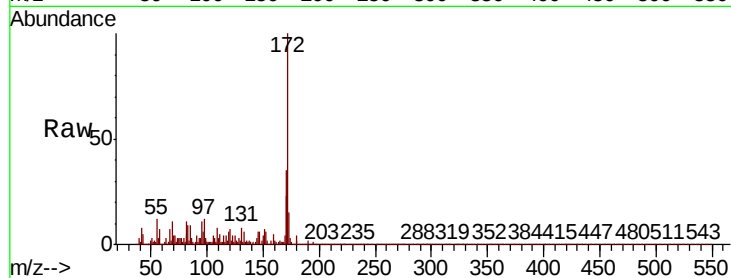




#45
2-Fluorobiphenyl
Concen: 18.697 ng
RT: 9.15 min Scan# 1201
Delta R.T. 0.00 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

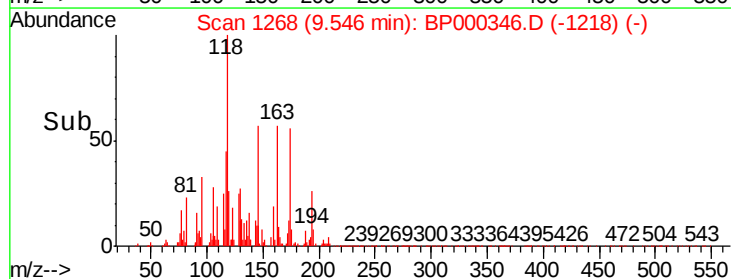
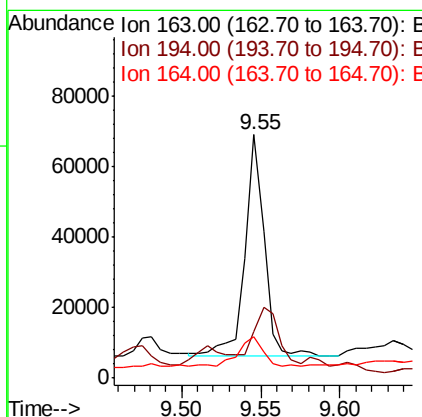
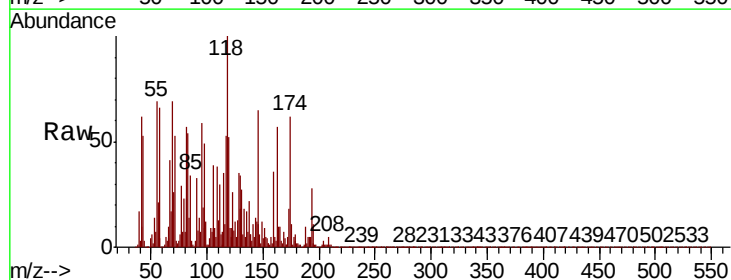
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPDL

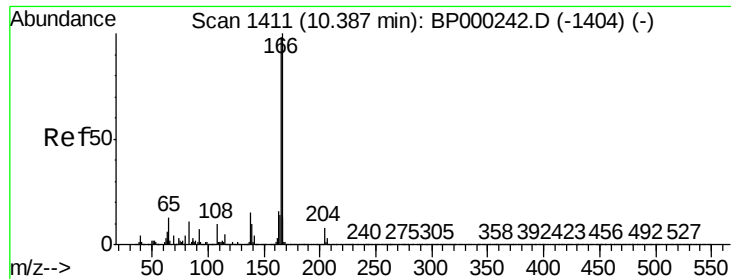
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.8	44.6
170	23.3	19.8	29.6



#50
Dimethylphthalate
Concen: 2.073 ng
RT: 9.55 min Scan# 1268
Delta R.T. -0.01 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

Tgt Ion	Ratio	Lower	Upper
163	100		
194	19.3	3.4	5.0#
164	17.0	8.5	12.7#





#58

Fluorene

Concen: 2.071 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.00 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPDL

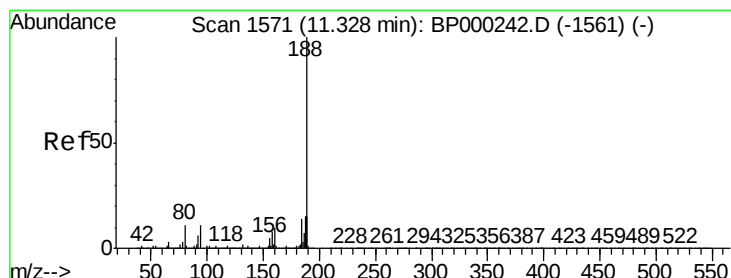
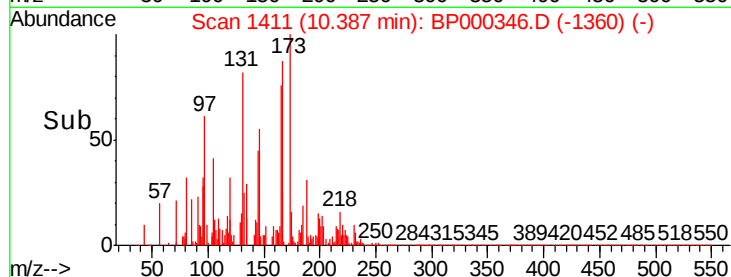
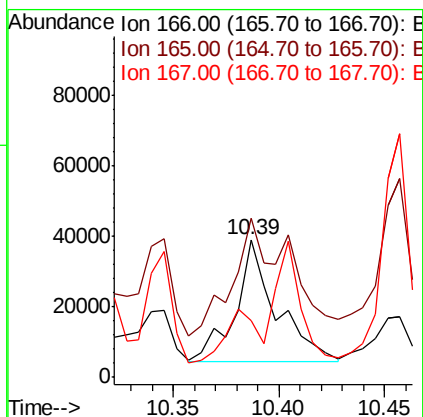
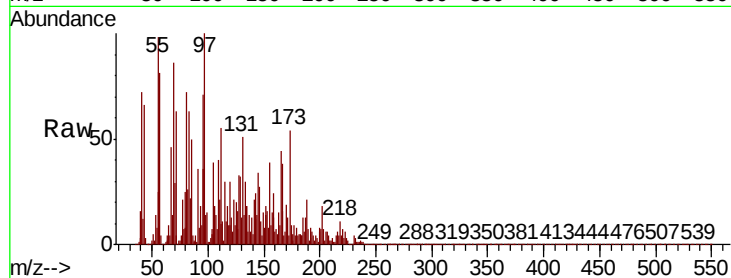
Tot Ion:166 Resp: 46735

Ion Ratio Lower Upper

166 100

165 115.9 78.2 117.2

167 41.1 10.7 16.1#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. 0.01 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

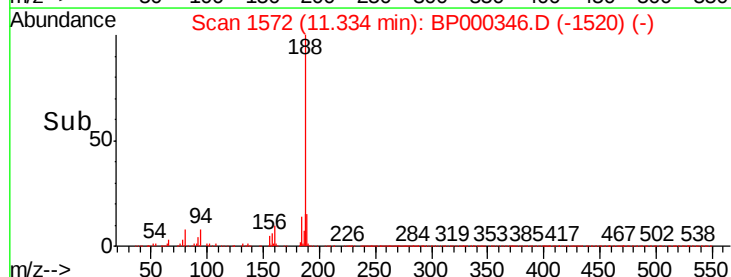
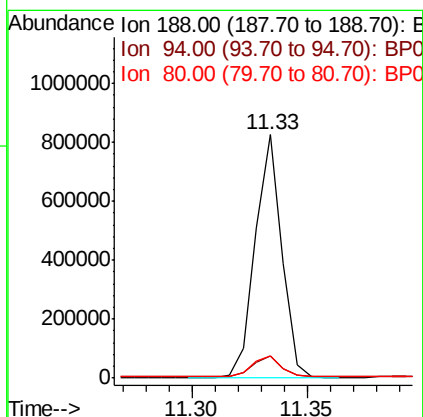
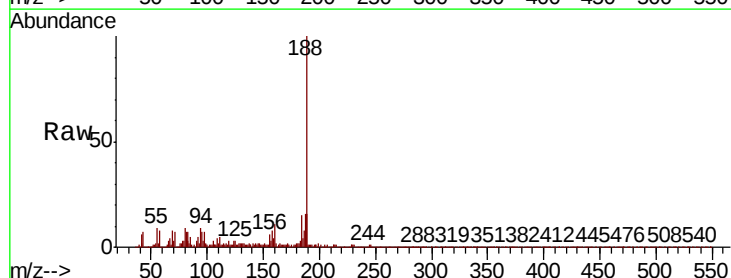
Tgt Ion:188 Resp: 661761

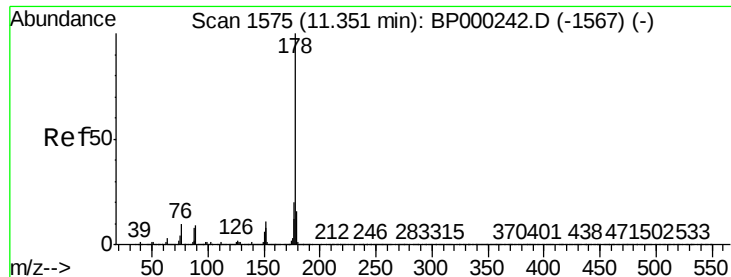
Ion Ratio Lower Upper

188 100

94 9.0 8.5 12.7

80 9.1 8.6 13.0





#71

Phenanthrene

Concen: 3.169 ng

RT: 11.36 min Scan# 1576

Delta R.T. 0.01 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPDL

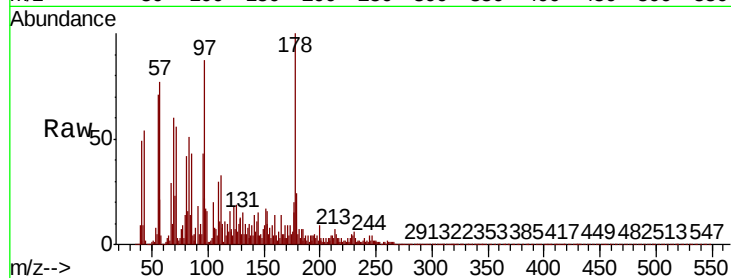
Tot Ion:178 Resp: 105080

Ion Ratio Lower Upper

178 100

176 19.9 15.8 23.8

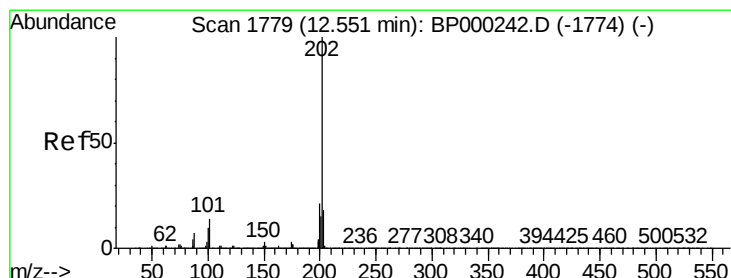
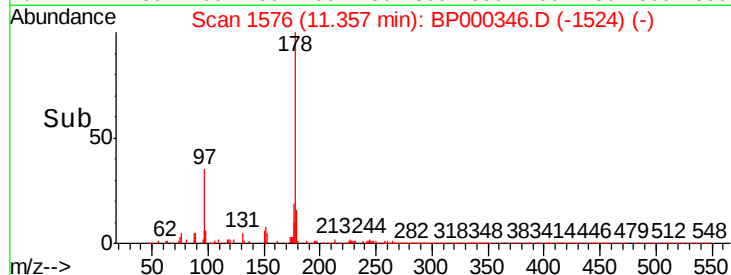
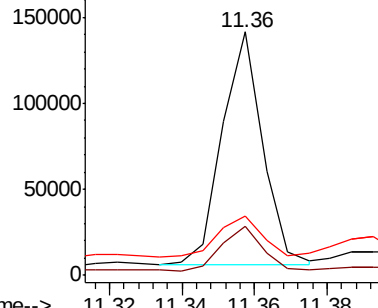
179 24.4 12.7 19.1#



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: 2.773 ng

RT: 12.56 min Scan# 1780

Delta R.T. 0.01 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

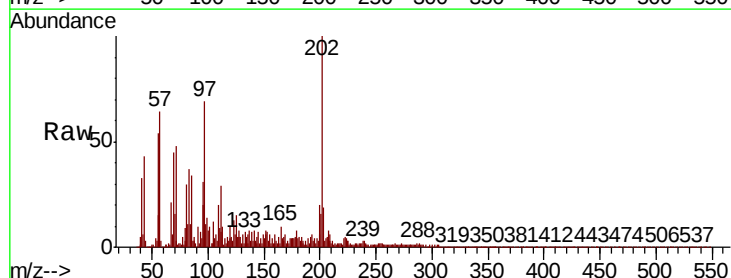
Tgt Ion:202 Resp: 98754

Ion Ratio Lower Upper

202 100

101 10.4 0.0 33.9

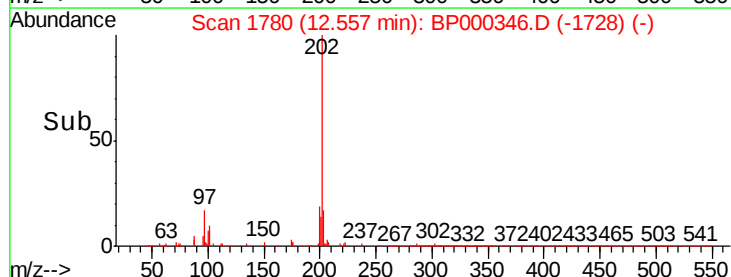
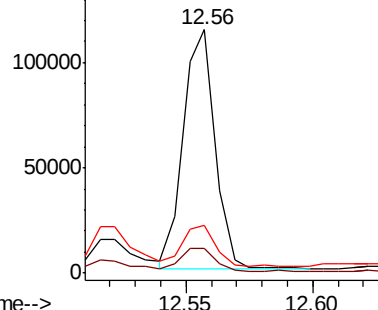
203 19.5 0.0 38.0

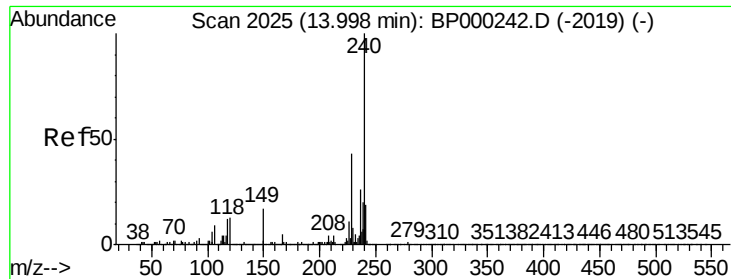


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

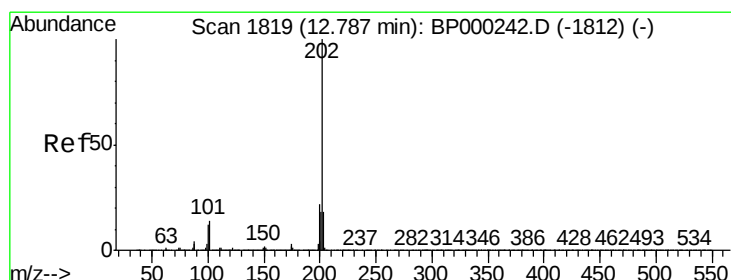
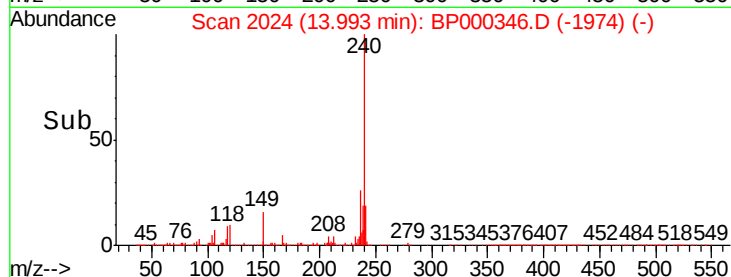
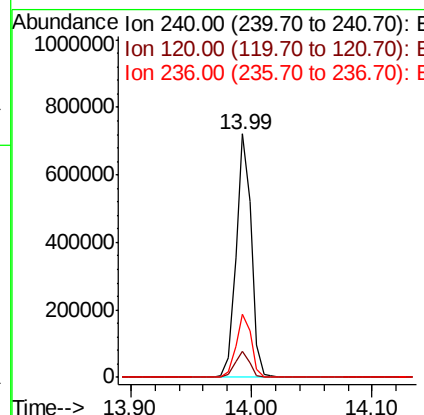
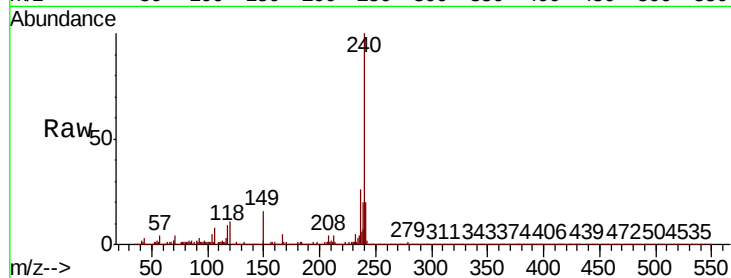




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

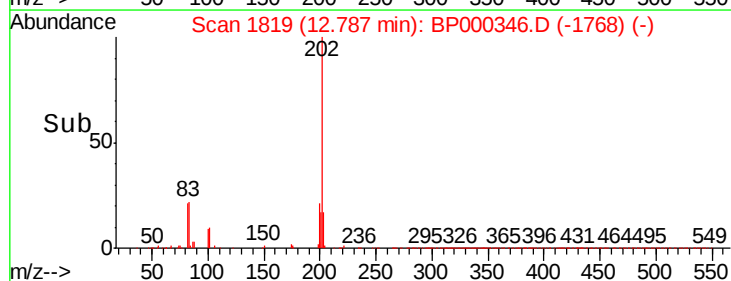
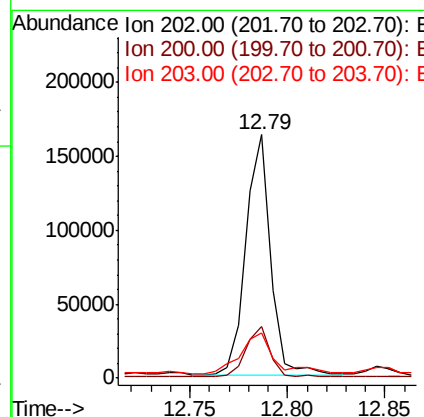
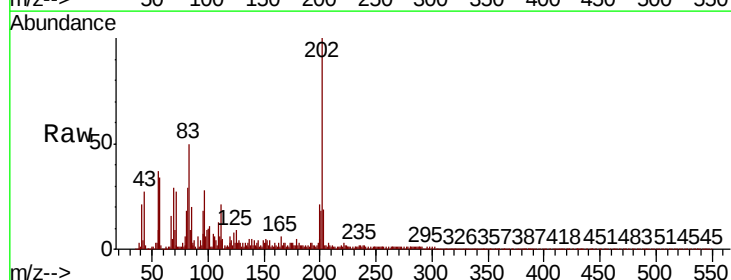
Instrument :
BNA_P
ClientSampleId :
DRUM-COMPDL

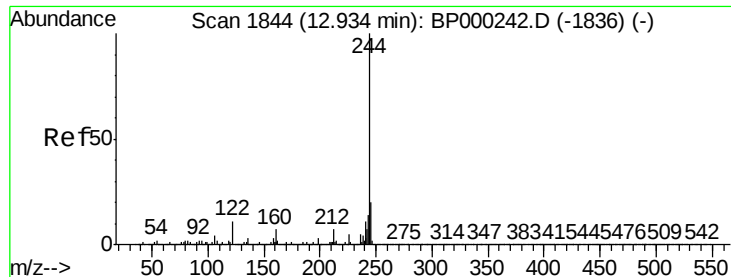
Tot Ion:240 Resp: 626370
Ion Ratio Lower Upper
240 100
120 10.6 10.4 15.6
236 26.2 21.0 31.6



#78
Pyrene
Concen: 3.035 ng
RT: 12.79 min Scan# 1819
Delta R.T. 0.00 min
Lab File: BP000346.D
Acq: 20 Sep 2019 12:00

Tgt Ion:202 Resp: 142250
Ion Ratio Lower Upper
202 100
200 21.0 17.5 26.3
203 18.7 14.3 21.5





#79

Terphenyl-d14

Concen: 14.904 ng

RT: 12.93 min Scan# 1843

Delta R.T. -0.01 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

Instrument :

BNA_P

ClientSampleId :

DRUM-COMPDL

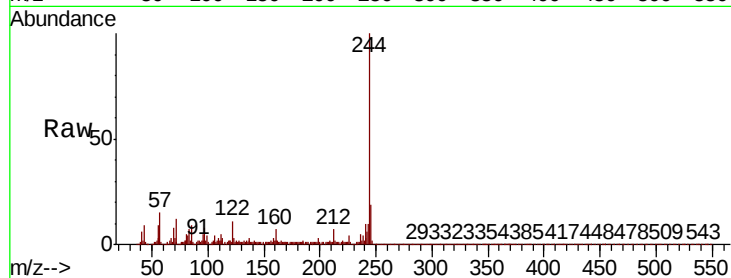
Tot Ion:244 Resp: 445002

Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

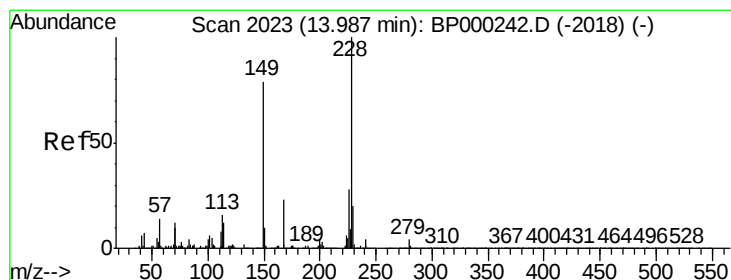
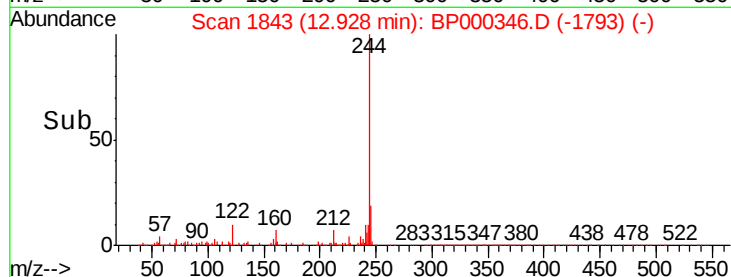
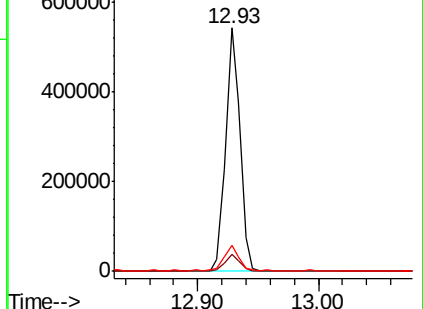
122 10.6 9.0 13.4



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



#84

Bis(2-ethylhexyl)phthalate

Concen: 26.287 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BP000346.D

Acq: 20 Sep 2019 12:00

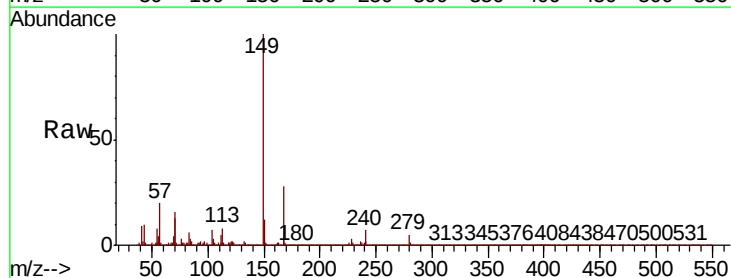
Tgt Ion:149 Resp: 679491

Ion Ratio Lower Upper

149 100

167 28.3 23.0 34.4

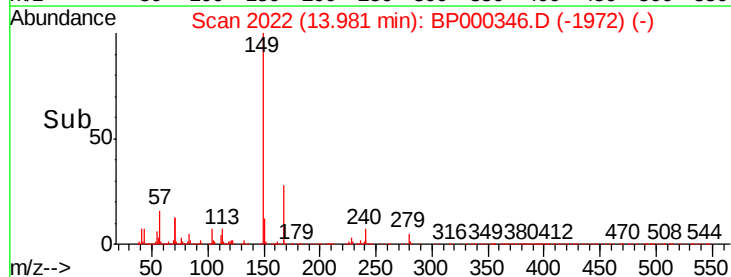
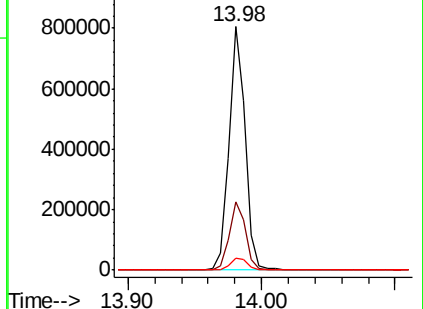
279 4.9 3.7 5.5

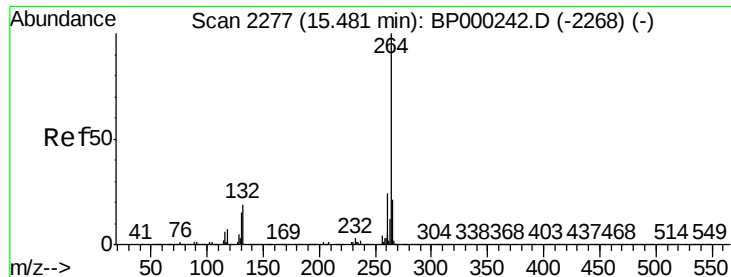


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2276
 Delta R.T. -0.01 min
 Lab File: BP000346.D
 Acq: 20 Sep 2019 12:00

Instrument :
 BNA_P
 ClientSampleId :
 DRUM-COMPDL

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.9	28.3
265	21.7	17.2	25.8

