

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001266.D
 Acq On : 07 Dec 2019 21:03
 Operator : JU
 Sample : K6147-22
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC011

Quant Time: Dec 09 02:53:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	73421	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	274326	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	157004	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	304962	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	240052	20.00	ng	-0.02
87) Perylene-d12	21.01	264	196963	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.24	112	621477	140.43	ng	0.03
7) Phenol-d6	7.76	99	820107	139.10	ng	0.00
23) Nitrobenzene-d5	9.19	82	591098	93.48	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	242969	161.45	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	998459	93.08	ng	-0.01
79) Terphenyl-d14	17.89	244	1284859	99.02	ng	0.00

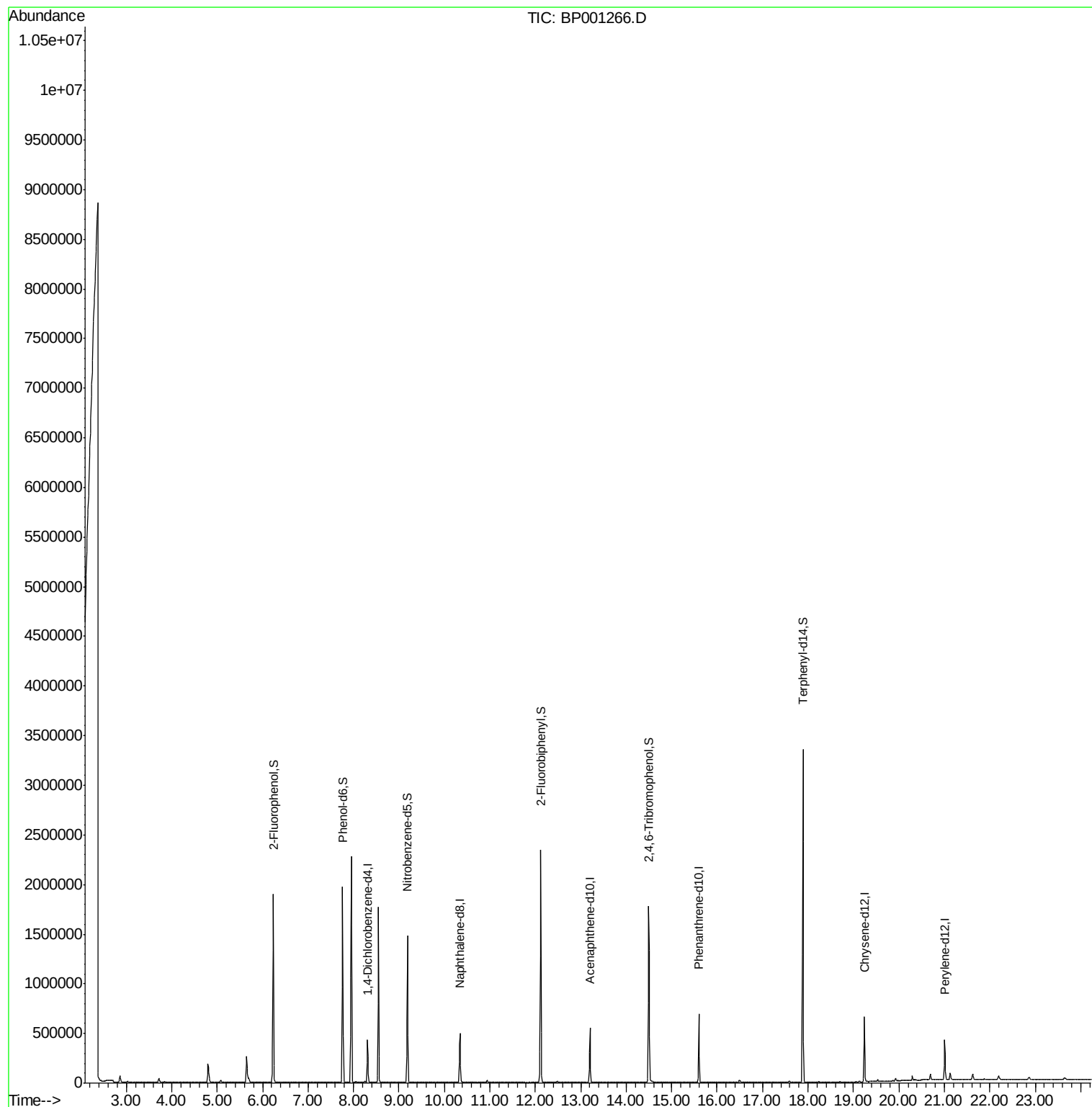
Target Compounds Qvalue

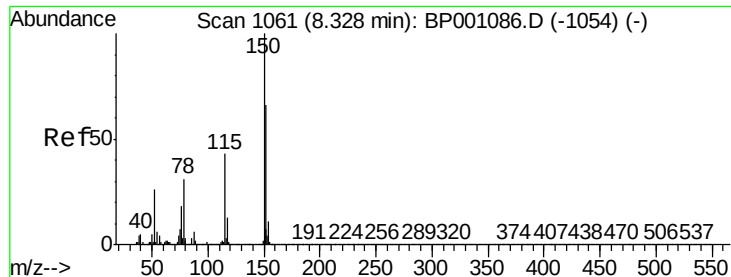
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.00 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

P001-WC011

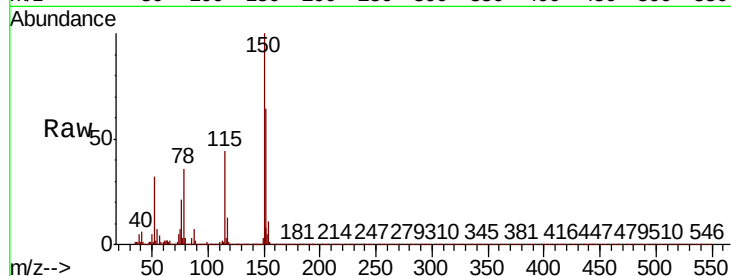
Tot Ion:152 Resp: 73421

Ion Ratio Lower Upper

152 100

150 157.5 127.3 190.9

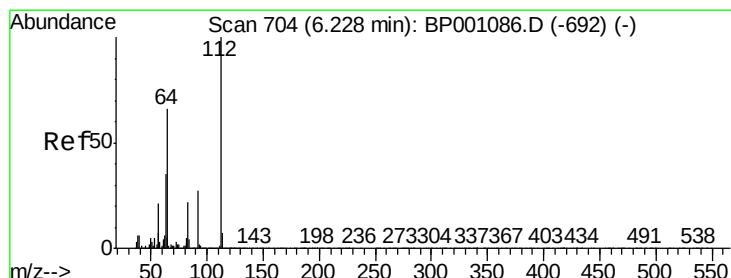
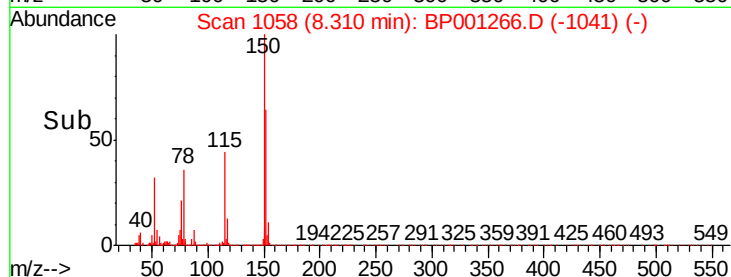
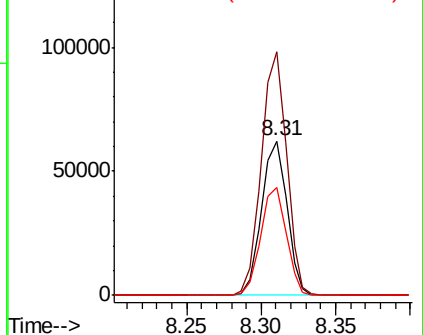
115 69.4 56.0 84.0



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: 140.434 ng

RT: 6.24 min Scan# 706

Delta R.T. 0.03 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

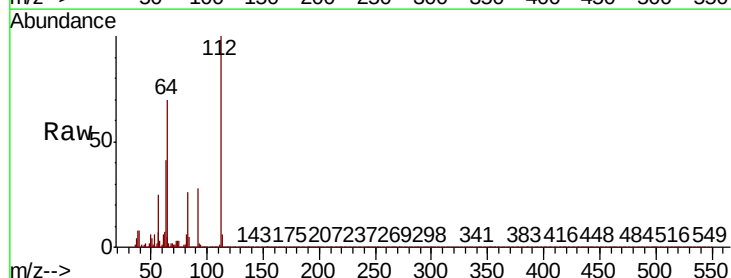
Tgt Ion:112 Resp: 621477

Ion Ratio Lower Upper

112 100

64 69.8 56.8 85.2

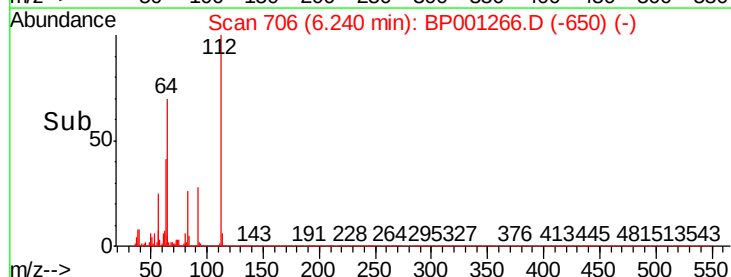
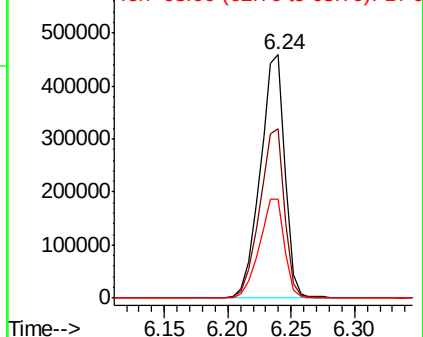
63 40.8 32.2 48.2

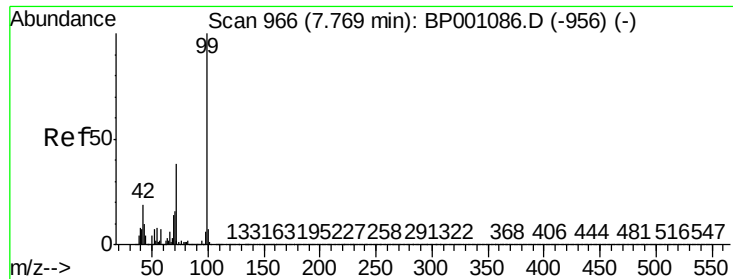


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 139.102 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

P001-WC011

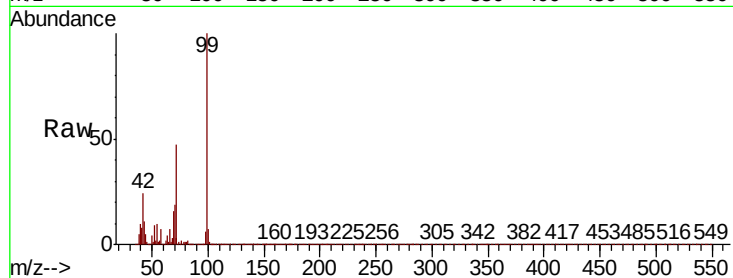
Tot Ion: 99 Resp: 820107

Ion Ratio Lower Upper

99 100

42 24.0 17.6 26.4

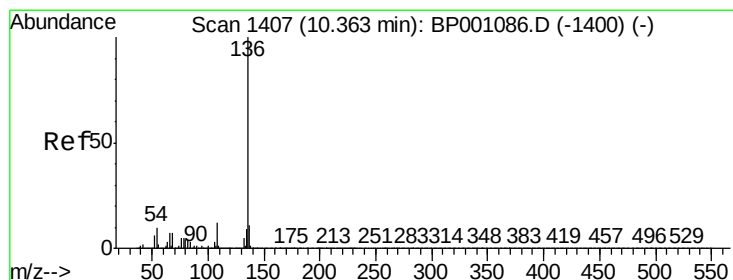
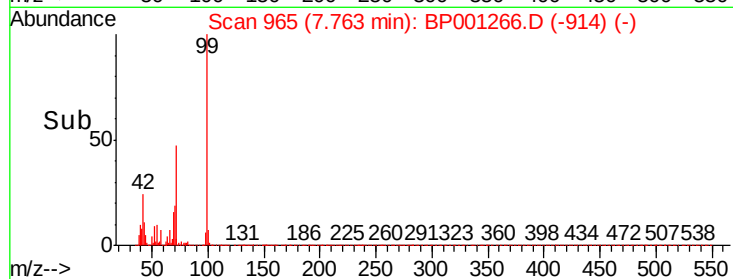
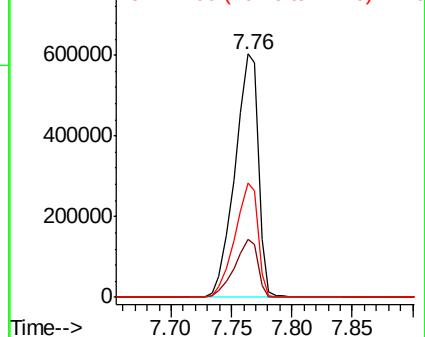
71 47.0 33.8 50.8



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Tgt Ion: 136 Resp: 274326

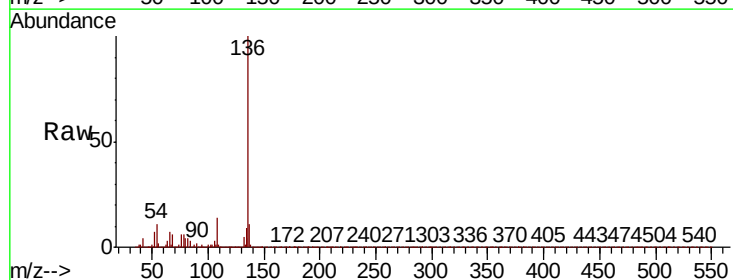
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 10.9 7.4 11.0

68 5.7 4.6 7.0

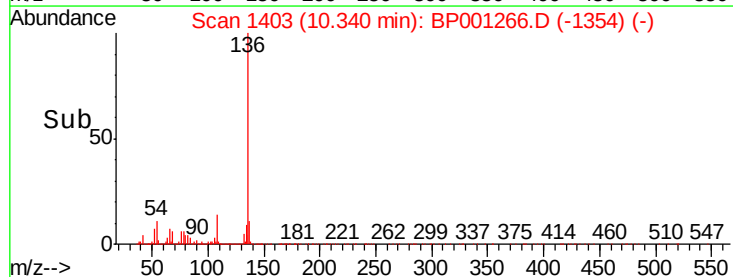
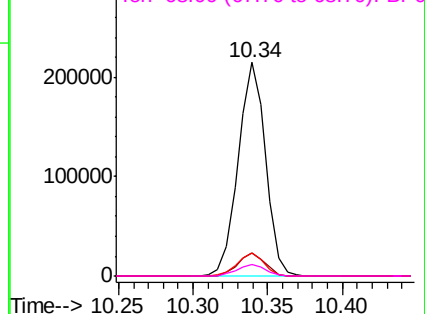


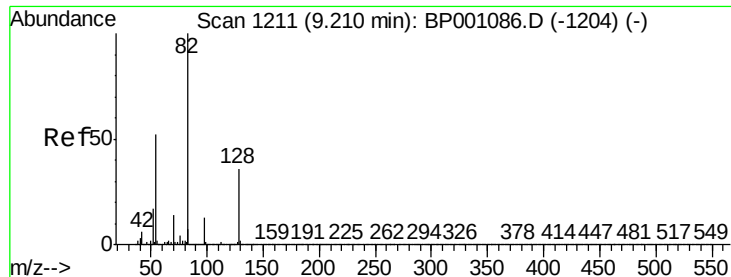
Abundance Ion 136.00 (135.70 to 136.70): E

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

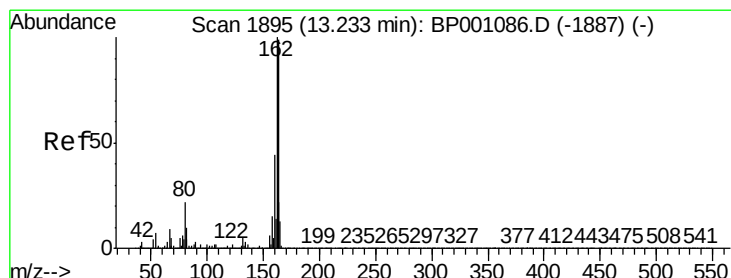
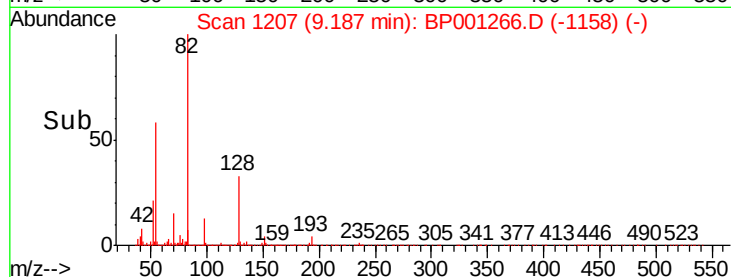
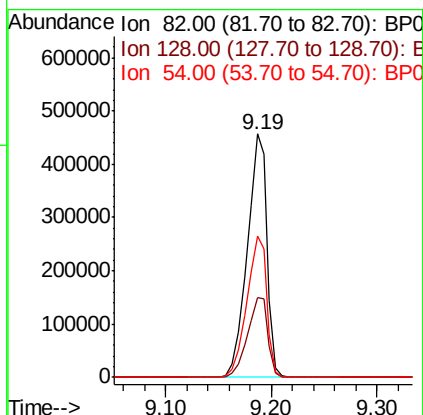
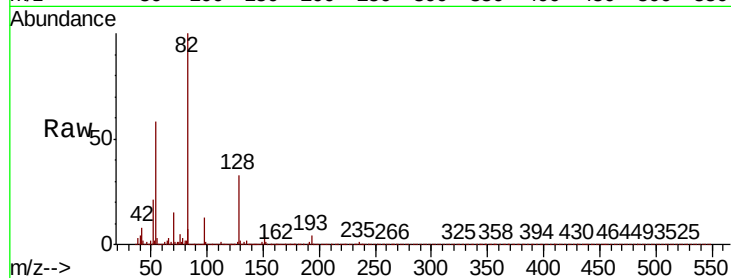




#23
Nitrobenzene-d5
Concen: 93.485 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

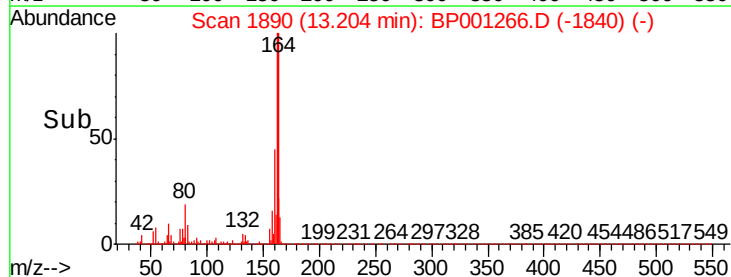
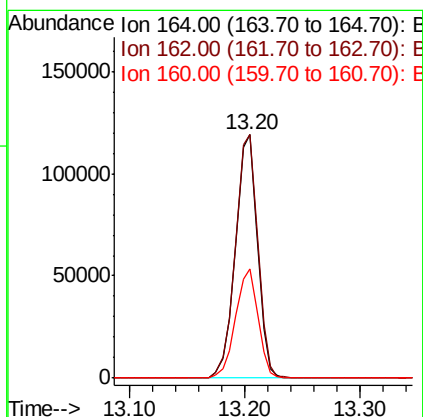
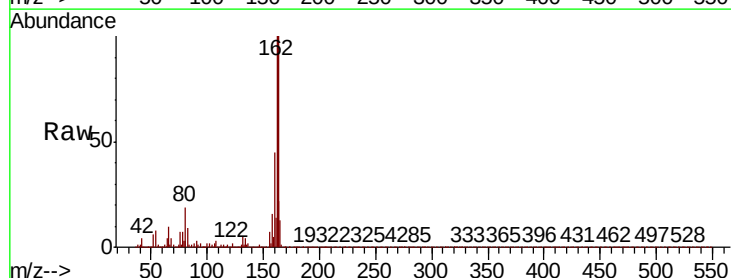
Instrument :
BNA_P
ClientSampleId :
P001-WC011

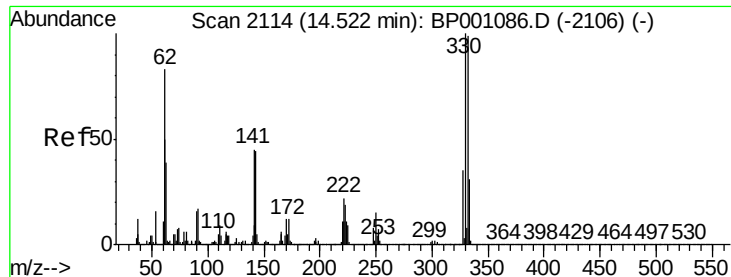
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.7	27.5	41.3
54	58.0	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1890
Delta R.T. -0.01 min
Lab File: BP001266.D
Acq: 07 Dec 2019 21:03

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	45.1	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 161.454 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

P001-WC011

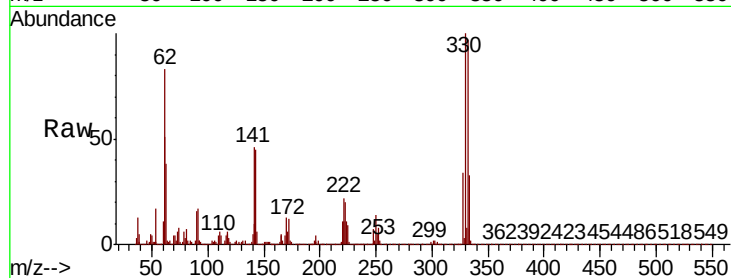
Tot Ion:330 Resp: 242969

Ion Ratio Lower Upper

330 100

332 98.2 79.1 118.7

141 45.4 35.9 53.9

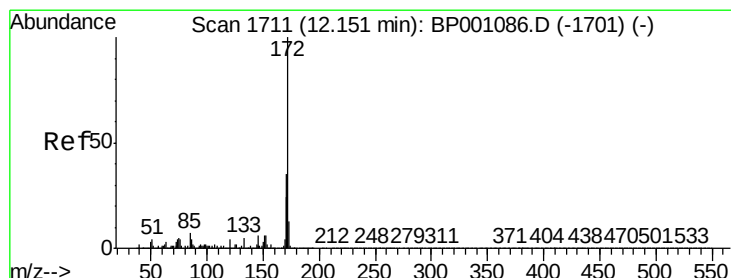
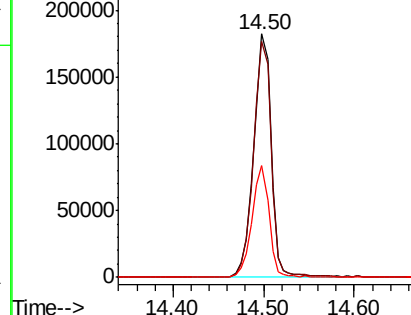
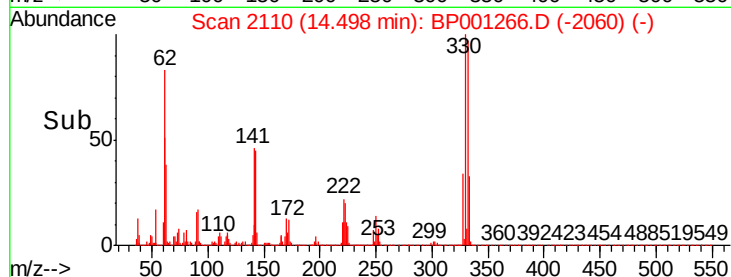


Abundance

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: 93.075 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

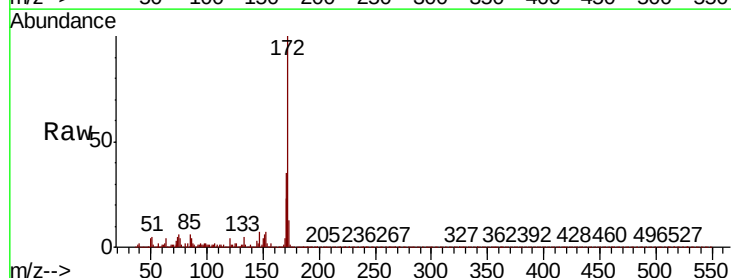
Tgt Ion:172 Resp: 998459

Ion Ratio Lower Upper

172 100

171 35.1 28.7 43.1

170 23.4 19.2 28.8

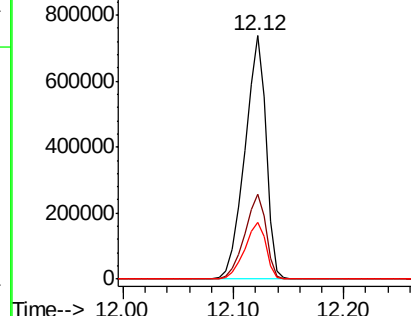
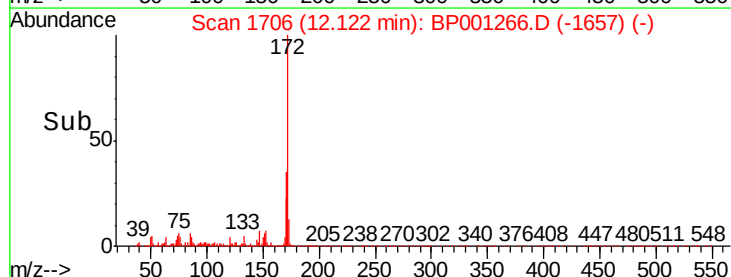


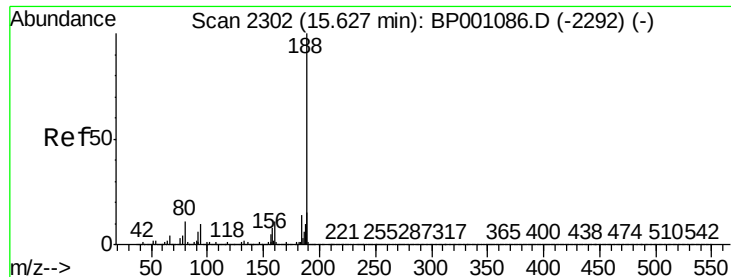
Abundance

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: 15.60 min Scan# 2297

Delta R.T. -0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

P001-WC011

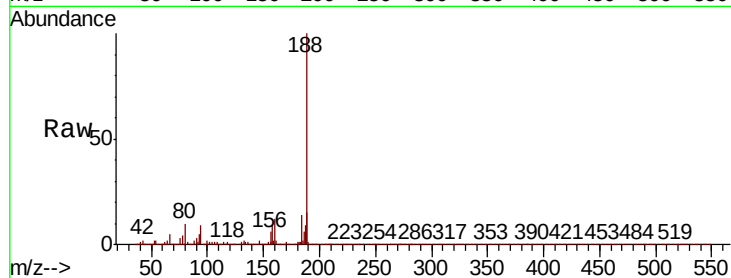
Tot Ion:188 Resp: 304962

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

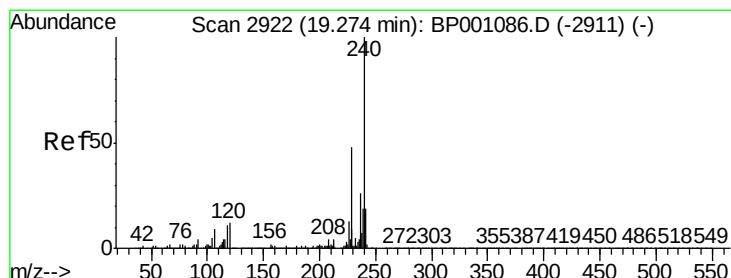
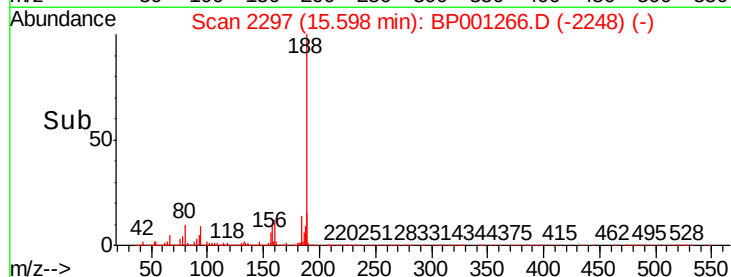
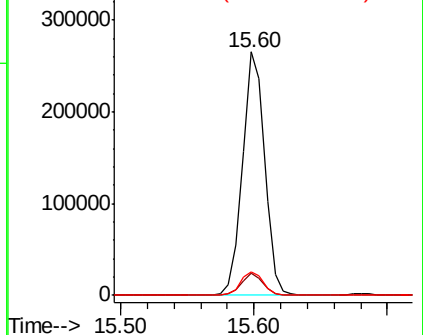
80 9.6 7.8 11.6



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

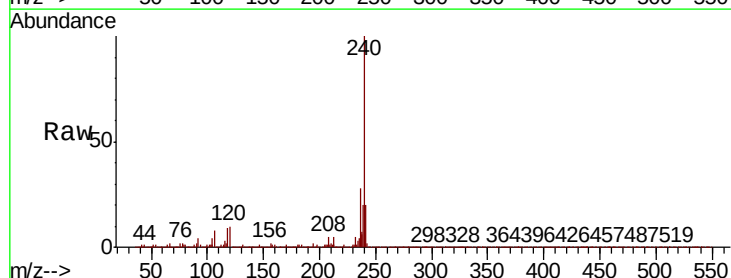
Tgt Ion:240 Resp: 240052

Ion Ratio Lower Upper

240 100

120 9.7 7.0 10.6

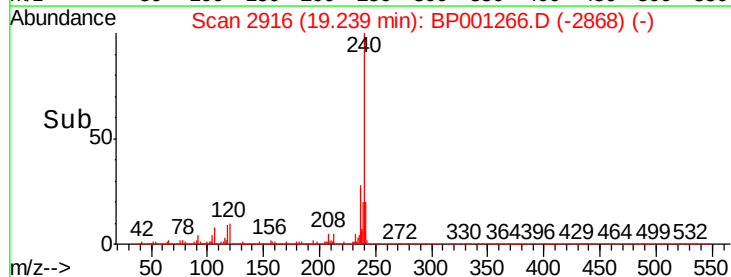
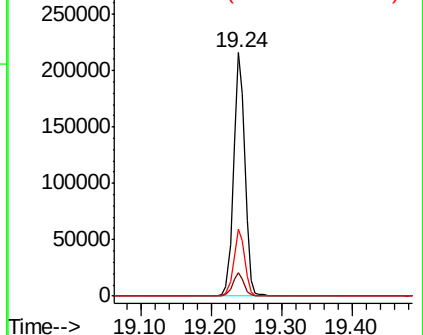
236 27.5 21.7 32.5

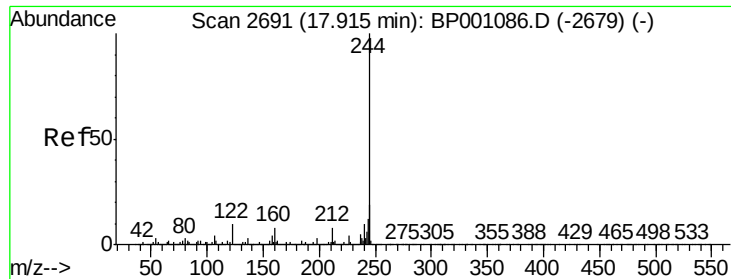


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.025 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

Instrument :

BNA_P

ClientSampleId :

P001-WC011

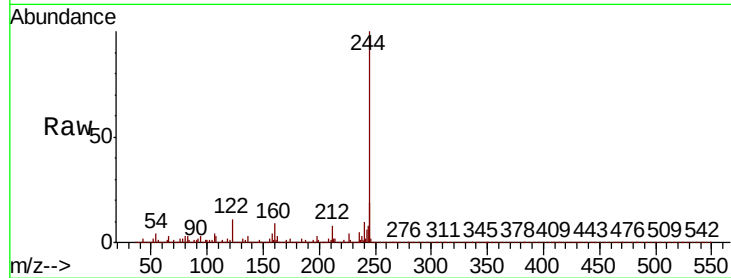
Tot Ion:244 Resp: 1284859

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

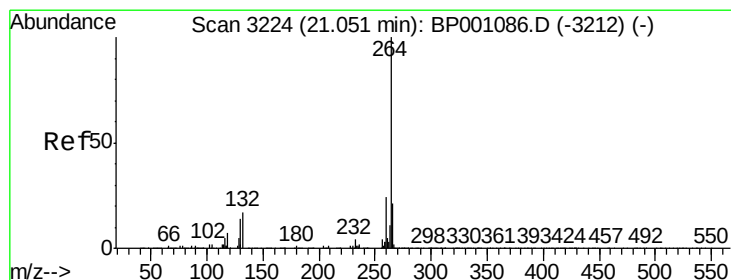
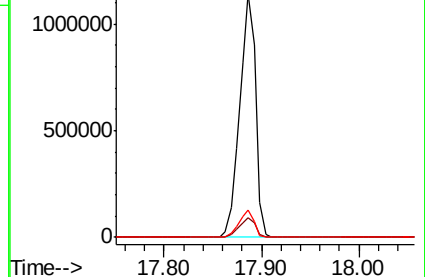
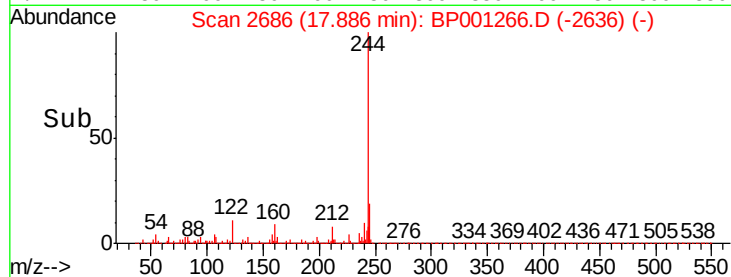
122 11.4 9.2 13.8



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: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001266.D

Acq: 07 Dec 2019 21:03

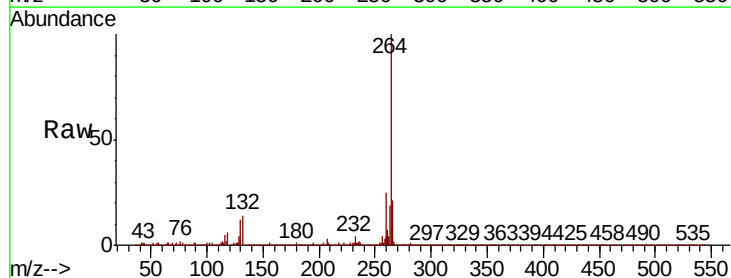
Tgt Ion:264 Resp: 196963

Ion Ratio Lower Upper

264 100

260 24.7 19.4 29.0

265 20.9 17.1 25.7



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

