

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001264.D
 Acq On : 07 Dec 2019 20:04
 Operator : JU
 Sample : K6147-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 P001-WC009

Quant Time: Dec 09 11:13:33 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	71924	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	263729	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	153185	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	304078	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	240186	20.00	ng	-0.02
87) Perylene-d12	21.01	264	196968	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	604266	139.39	ng	0.02
7) Phenol-d6	7.77	99	796402	137.89	ng	0.00
23) Nitrobenzene-d5	9.19	82	586604	96.50	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	241000	164.14	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	982944	93.91	ng	-0.01
79) Terphenyl-d14	17.89	244	1288118	99.22	ng	0.00

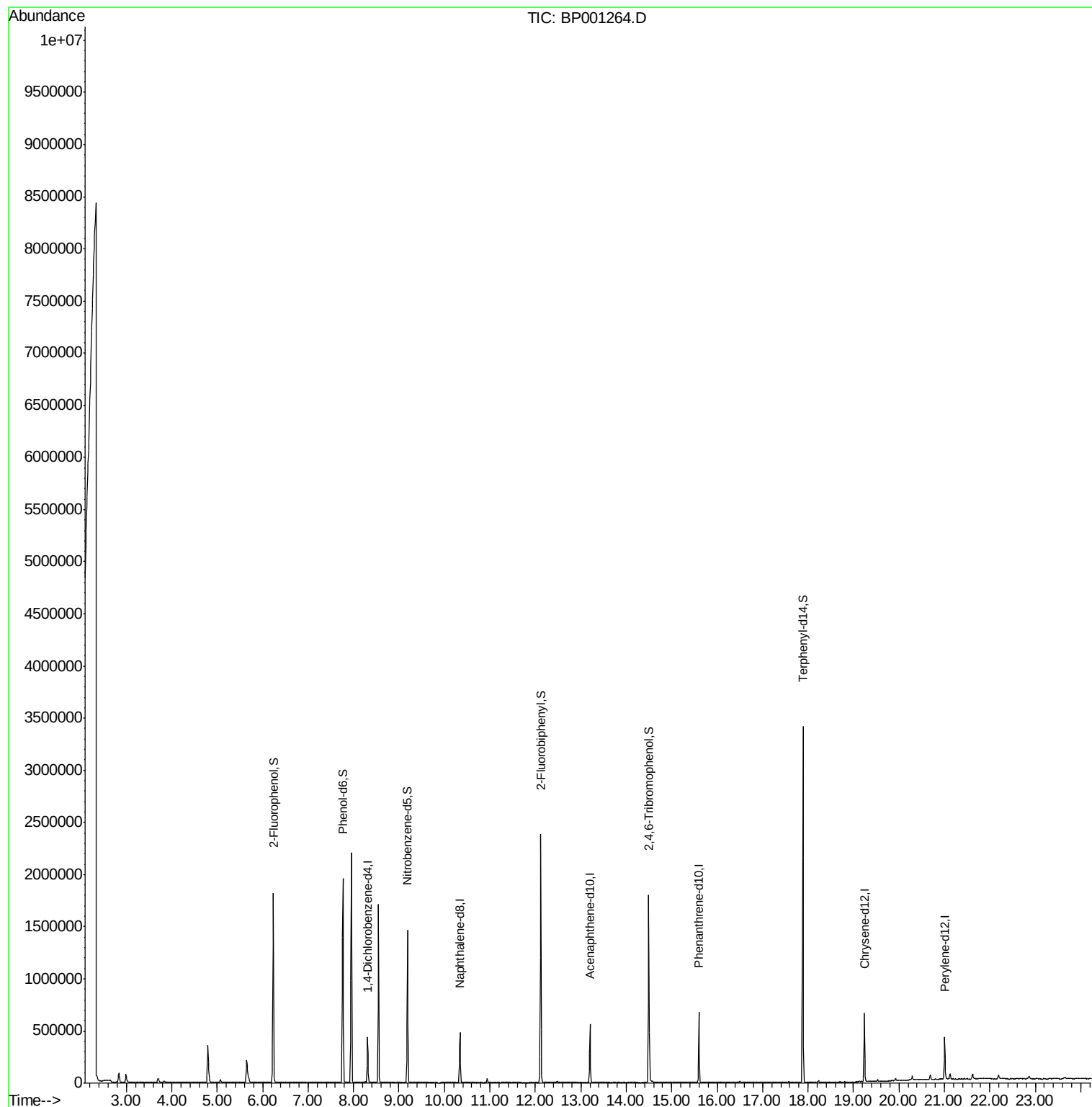
Target Compounds Qvalue

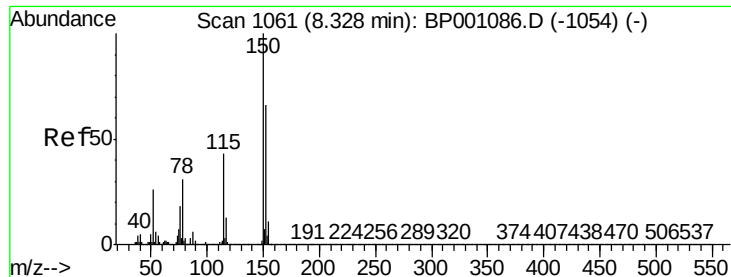
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001264.D

Acq: 07 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

P001-WC009

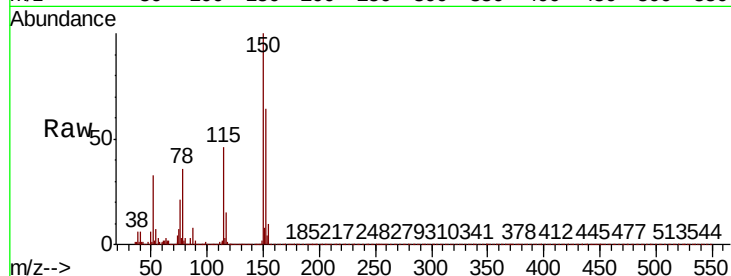
Tot Ion:152 Resp: 71924

Ion Ratio Lower Upper

152 100

150 155.6 127.3 190.9

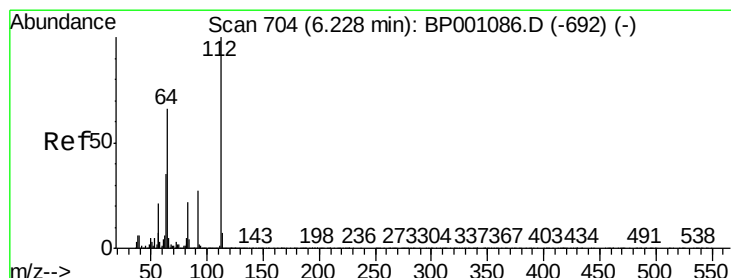
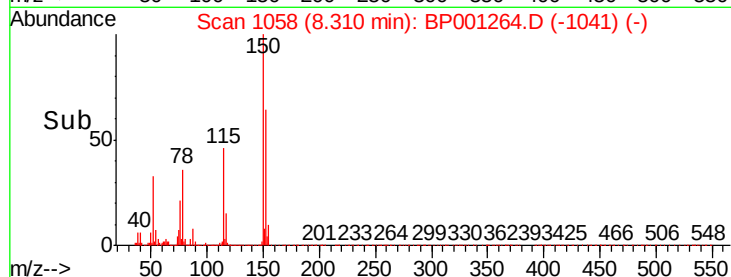
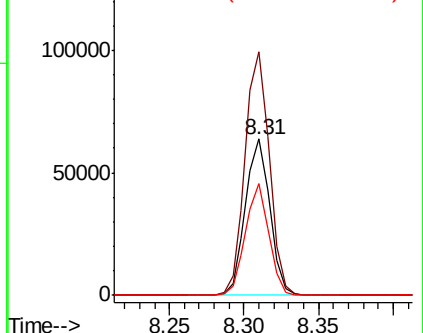
115 71.2 56.0 84.0



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: 139.387 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001264.D

Acq: 07 Dec 2019 20:04

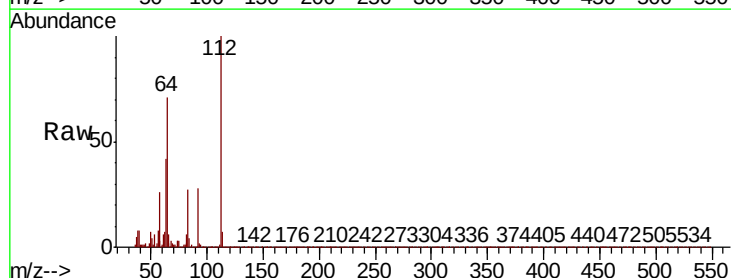
Tgt Ion:112 Resp: 604266

Ion Ratio Lower Upper

112 100

64 71.3 56.8 85.2

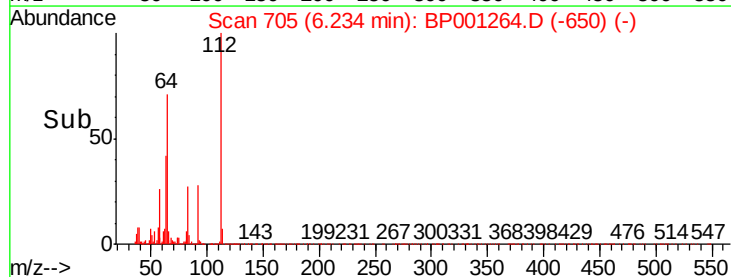
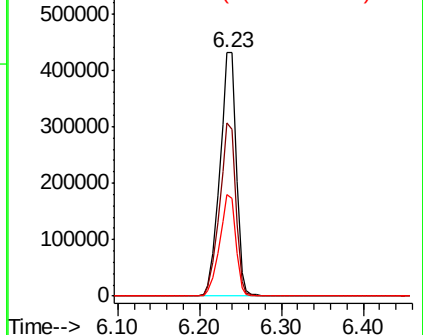
63 41.8 32.2 48.2

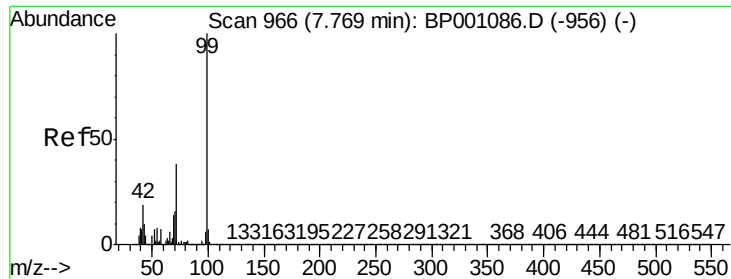


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 137.893 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001264.D

Acq: 07 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

P001-WC009

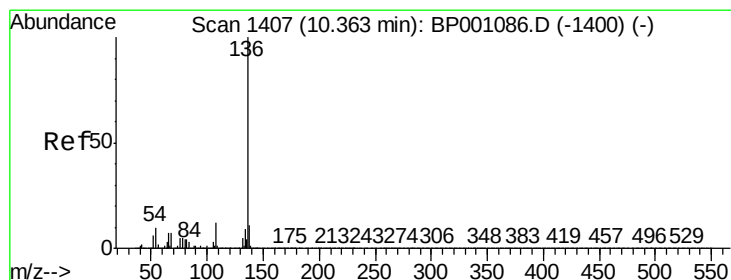
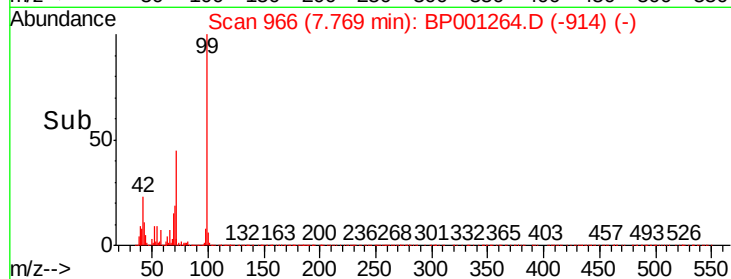
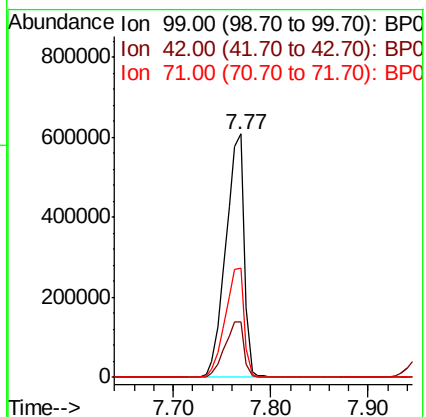
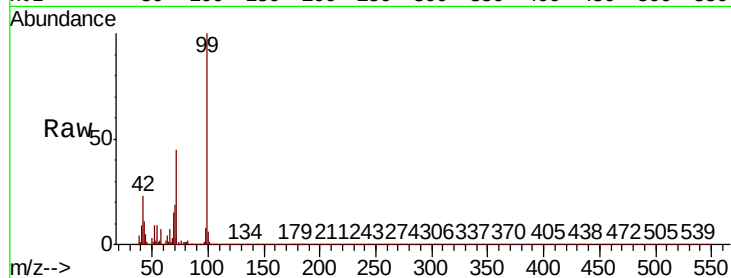
Tot Ion: 99 Resp: 796402

Ion Ratio Lower Upper

99 100

42 23.0 17.6 26.4

71 45.1 33.8 50.8



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001264.D

Acq: 07 Dec 2019 20:04

Tgt Ion: 136 Resp: 263729

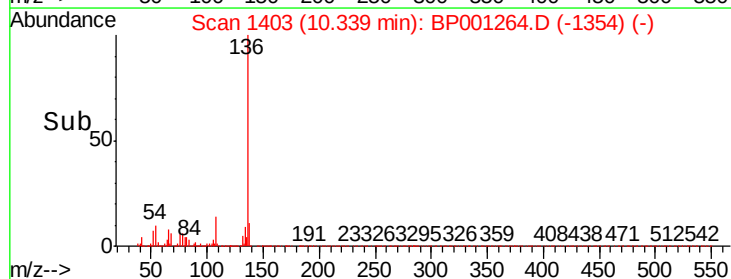
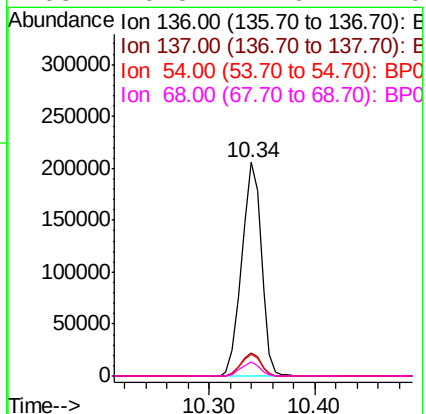
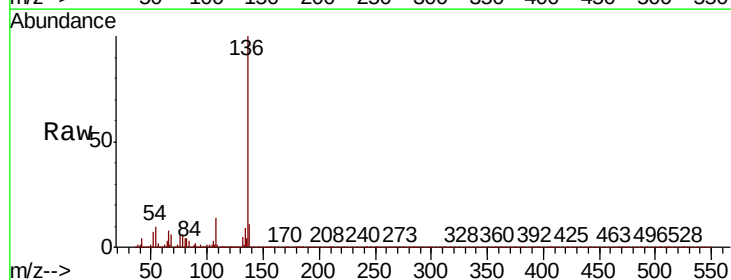
Ion Ratio Lower Upper

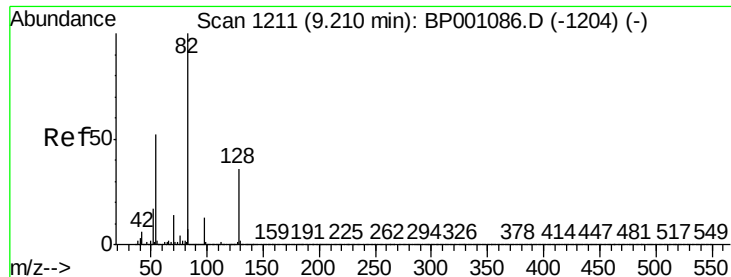
136 100

137 11.0 8.4 12.6

54 10.4 7.4 11.0

68 6.3 4.6 7.0

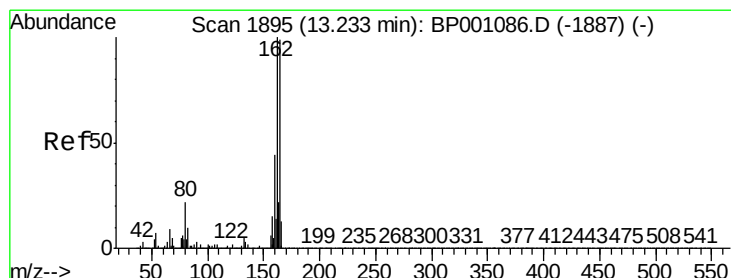
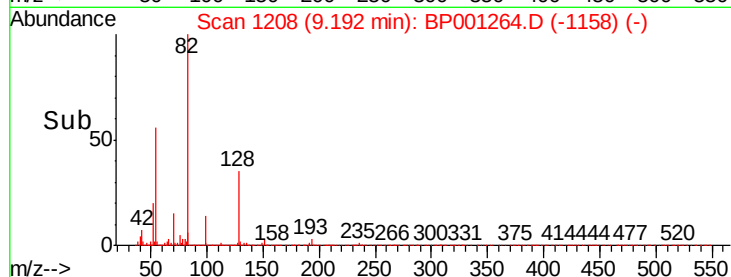
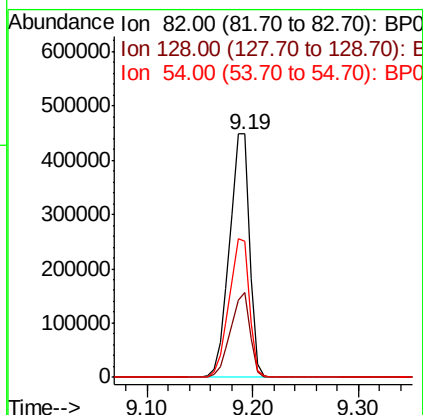
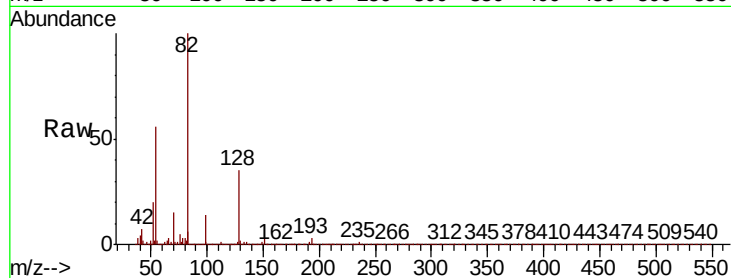




#23
 Nitrobenzene-d5
 Concen: 96.502 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001264.D
 Acq: 07 Dec 2019 20:04

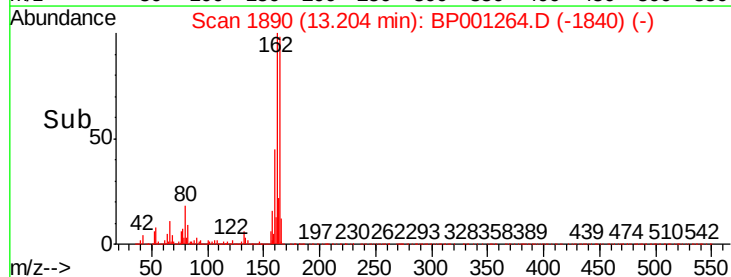
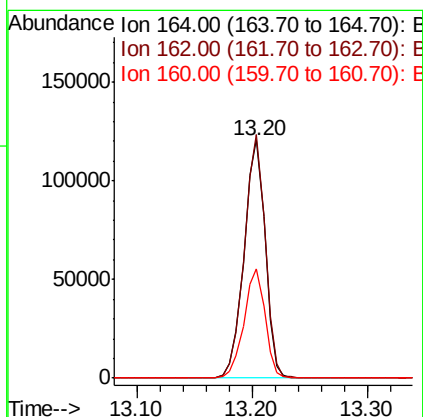
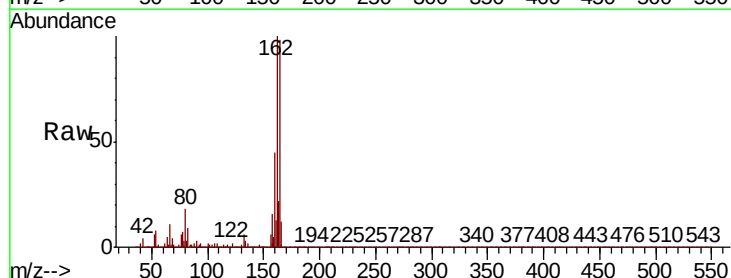
Instrument :
 BNA_P
 ClientSampleId :
 P001-WC009

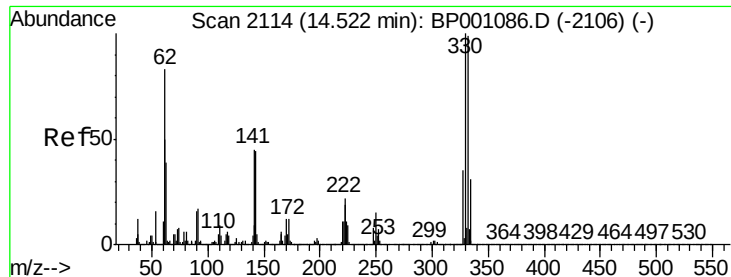
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.9	27.5	41.3
54	55.9	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001264.D
 Acq: 07 Dec 2019 20:04

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	80.7	121.1
160	45.9	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 164.138 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.01 min

Lab File: BP001264.D

Acq: 07 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

P001-WC009

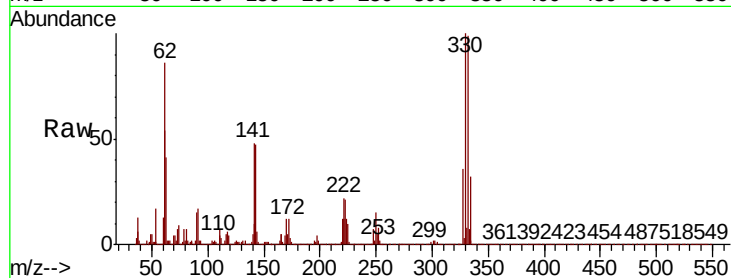
Tot Ion:330 Resp: 241000

Ion Ratio Lower Upper

330 100

332 97.6 79.1 118.7

141 45.1 35.9 53.9

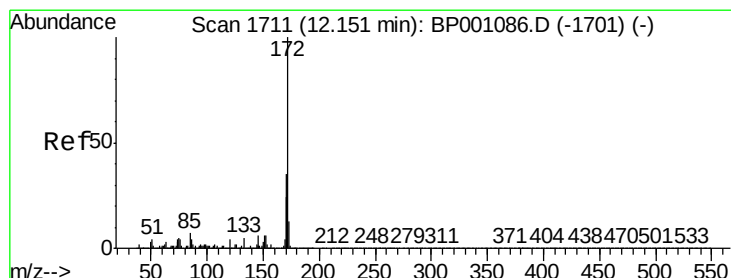
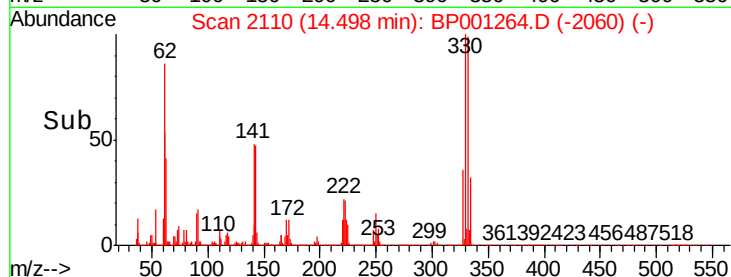
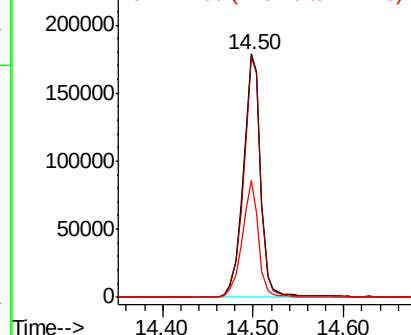


Abundance

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: 93.913 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001264.D

Acq: 07 Dec 2019 20:04

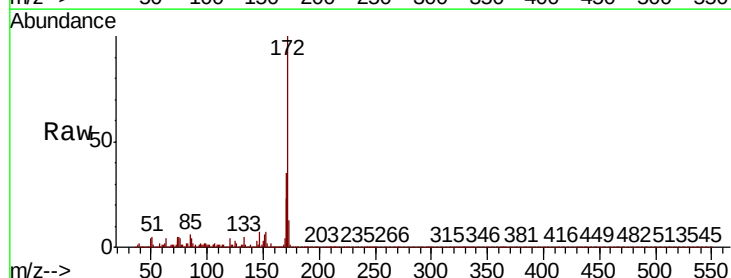
Tgt Ion:172 Resp: 982944

Ion Ratio Lower Upper

172 100

171 35.2 28.7 43.1

170 23.4 19.2 28.8

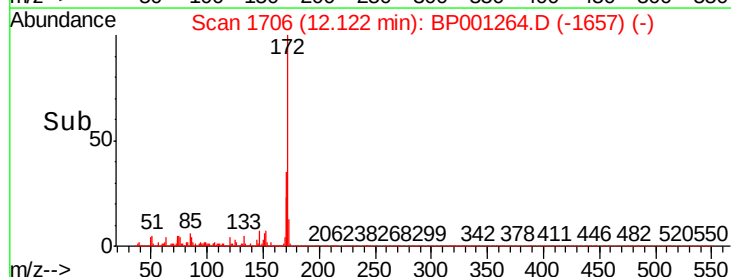
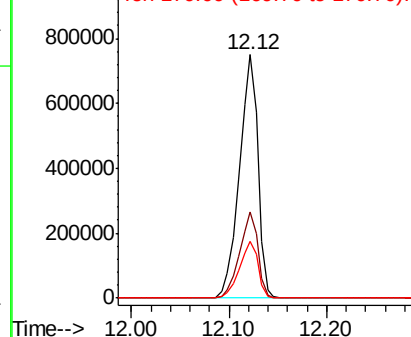


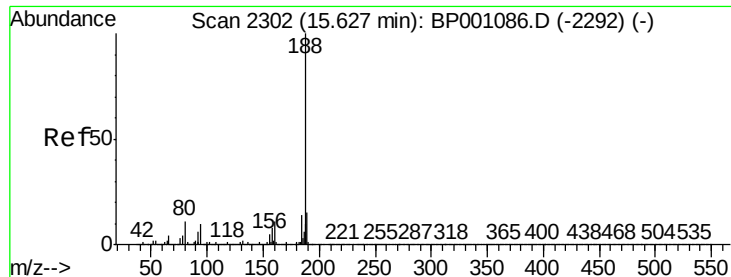
Abundance

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: BP001264.D

Acq: 07 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

P001-WC009

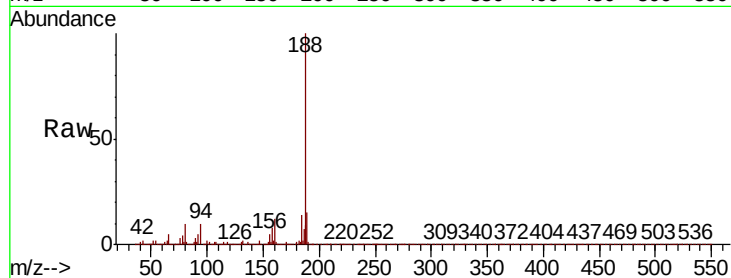
Tot Ion:188 Resp: 304078

Ion Ratio Lower Upper

188 100

94 9.8 7.1 10.7

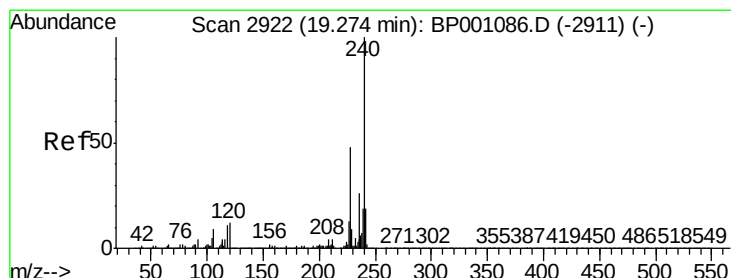
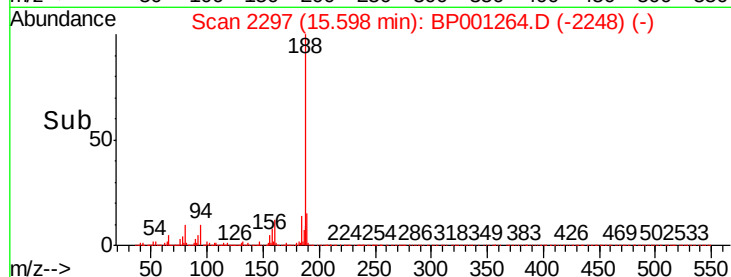
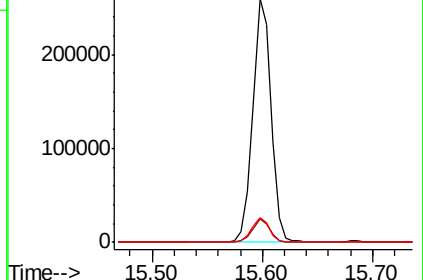
80 10.1 7.8 11.6



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: BP001264.D

Acq: 07 Dec 2019 20:04

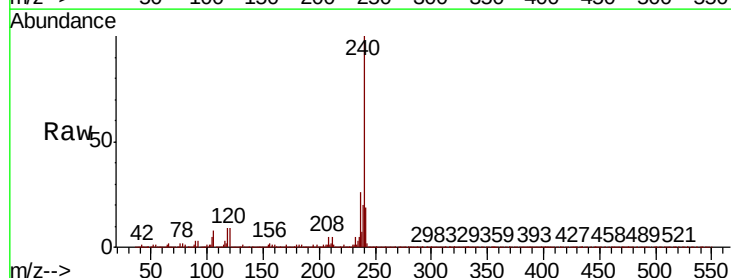
Tgt Ion:240 Resp: 240186

Ion Ratio Lower Upper

240 100

120 9.1 7.0 10.6

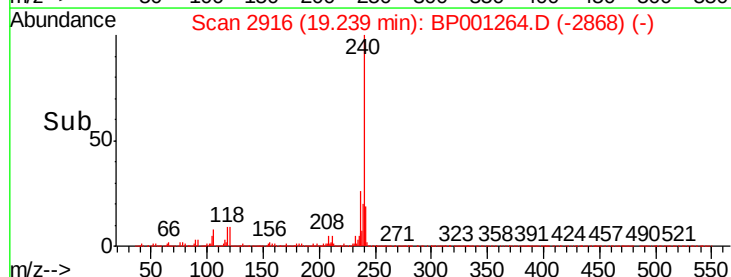
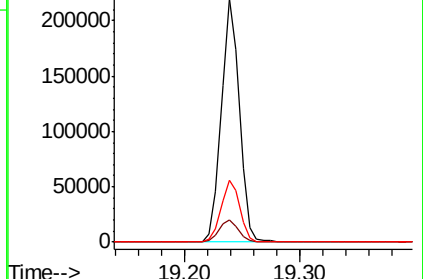
236 25.7 21.7 32.5

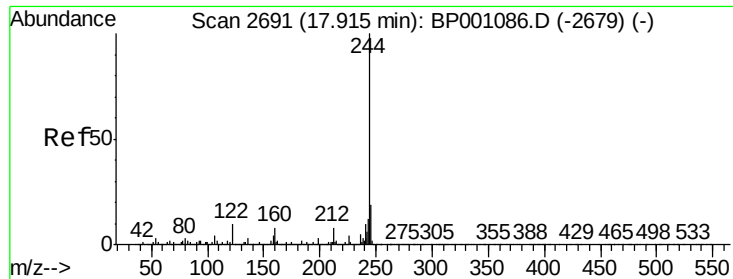


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 99.221 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001264.D

Acq: 07 Dec 2019 20:04

Instrument :

BNA_P

ClientSampleId :

P001-WC009

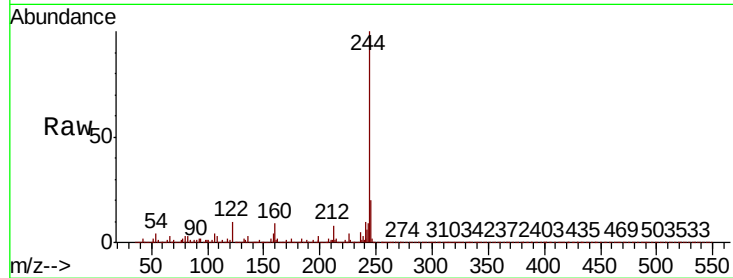
Tot Ion:244 Resp: 1288118

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

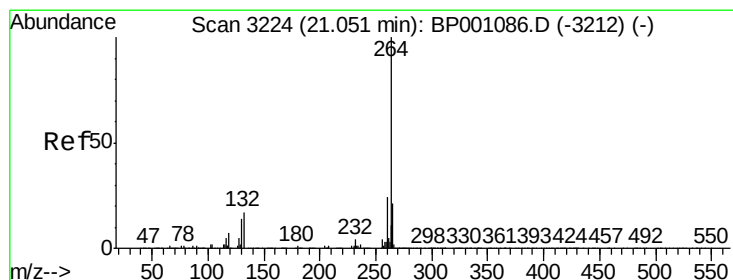
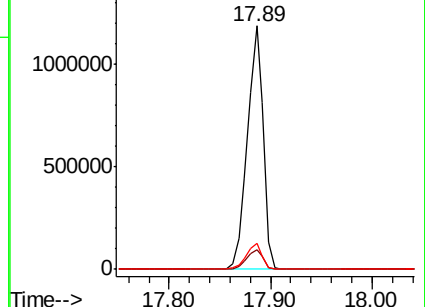
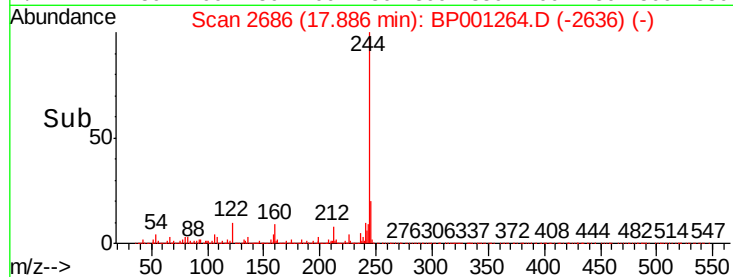
122 10.5 9.2 13.8



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: BP001264.D

Acq: 07 Dec 2019 20:04

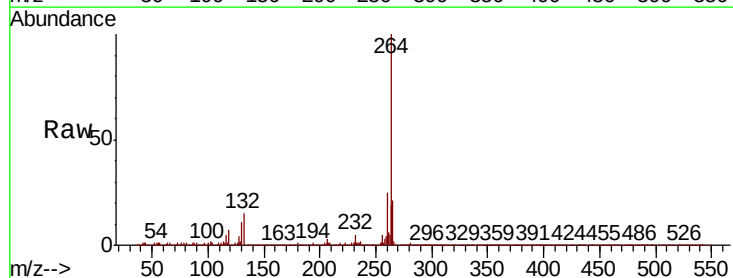
Tgt Ion:264 Resp: 196968

Ion Ratio Lower Upper

264 100

260 24.6 19.4 29.0

265 20.8 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

