

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120719\
 Data File : BP001251.D
 Acq On : 07 Dec 2019 13:38
 Operator : JU
 Sample : K6113-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OR-03-120519

Quant Time: Dec 09 01:19:59 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	78858	20.00	ng	0.00
21) Naphthalene-d8	10.35	136	287994	20.00	ng	0.00
39) Acenaphthene-d10	13.20	164	165205	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	336956	20.00	ng	0.00
76) Chrysene-d12	19.25	240	261421	20.00	ng	-0.01
87) Perylene-d12	21.02	264	216491	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	596186	125.43	ng	0.02
7) Phenol-d6	7.77	99	762611	120.43	ng	0.00
23) Nitrobenzene-d5	9.19	82	615881	92.78	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	259224	163.70	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1012406	89.69	ng	-0.01
79) Terphenyl-d14	17.89	244	1385309	98.04	ng	0.00

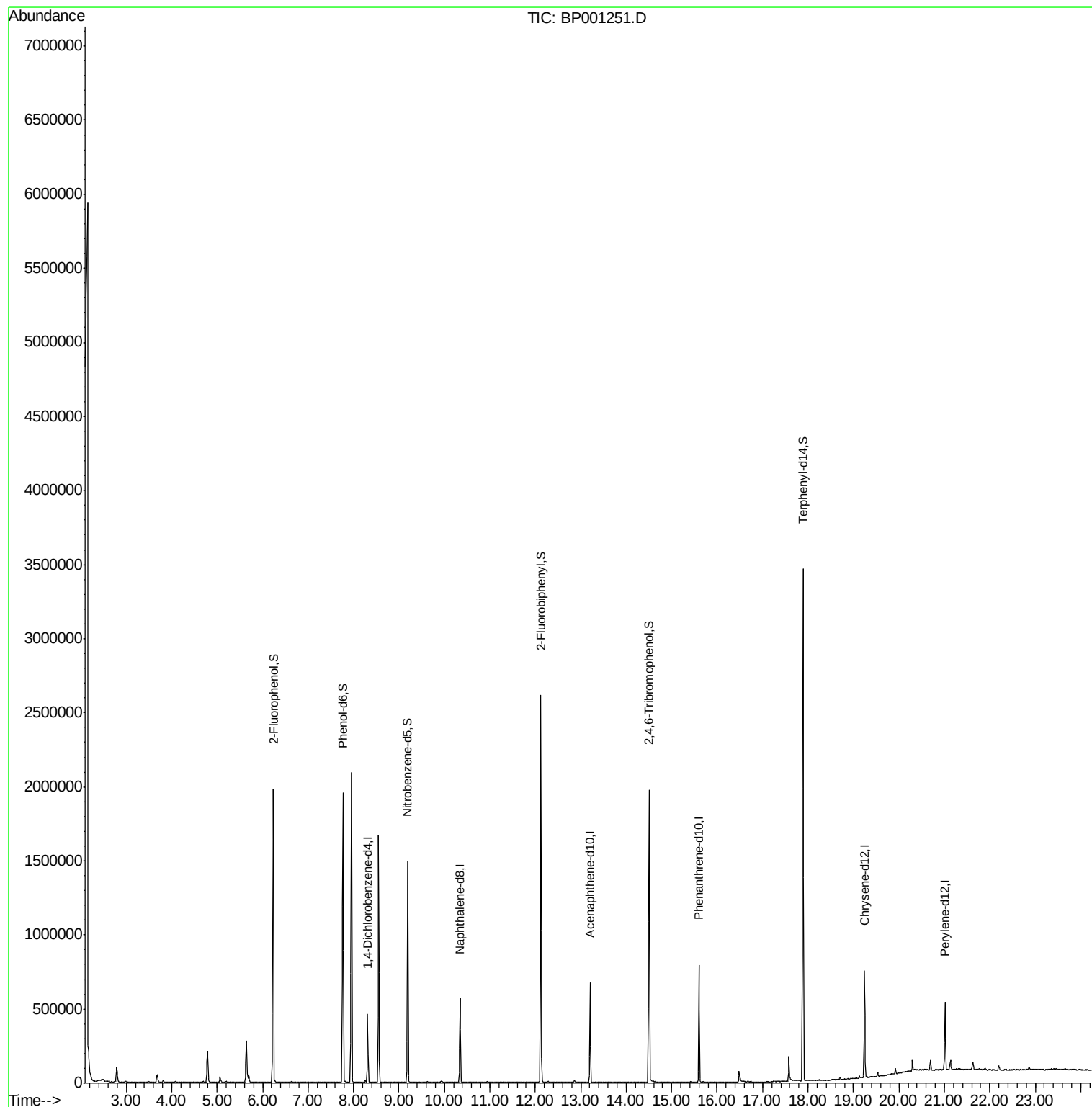
Target Compounds Qvalue

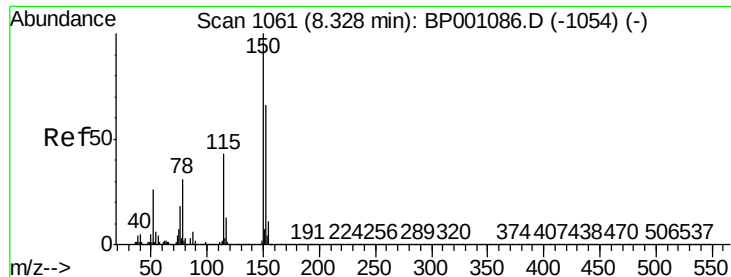
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001251.D

Acq: 07 Dec 2019 13:38

Instrument :

BNA_P

ClientSampleId :

OR-03-120519

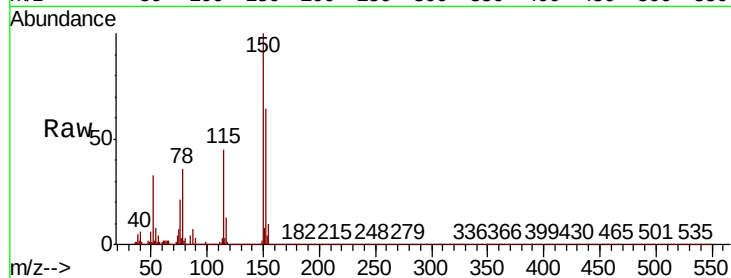
Tot Ion:152 Resp: 78858

Ion Ratio Lower Upper

152 100

150 155.2 127.3 190.9

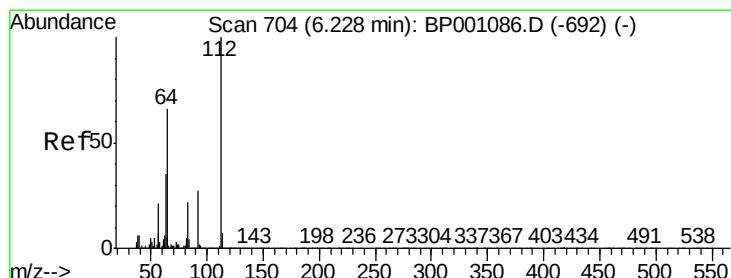
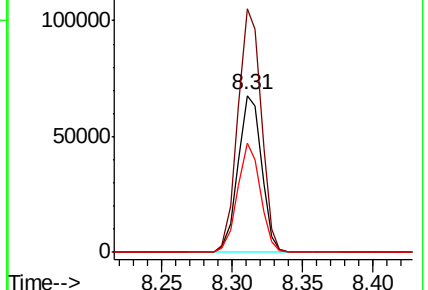
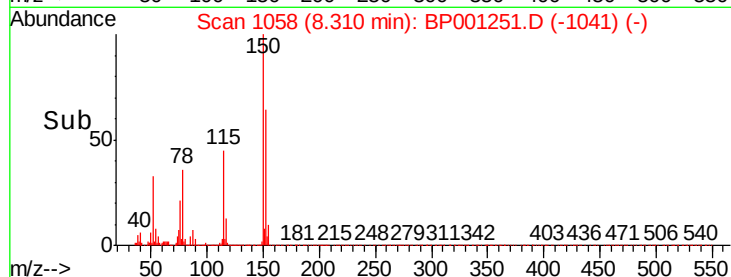
115 69.9 56.0 84.0



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: 125.431 ng

RT: 6.23 min Scan# 705

Delta R.T. 0.02 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

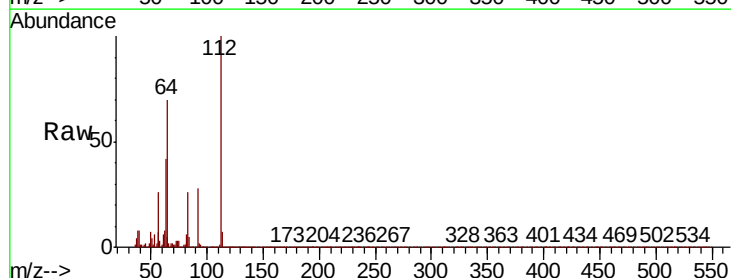
Tgt Ion:112 Resp: 596186

Ion Ratio Lower Upper

112 100

64 70.1 56.8 85.2

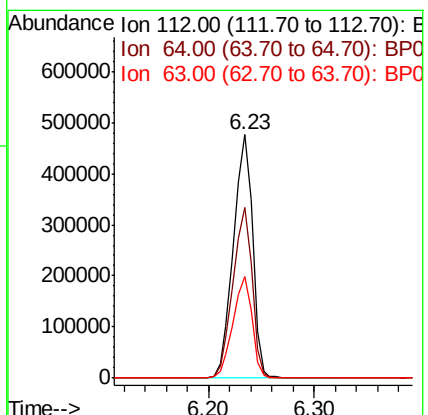
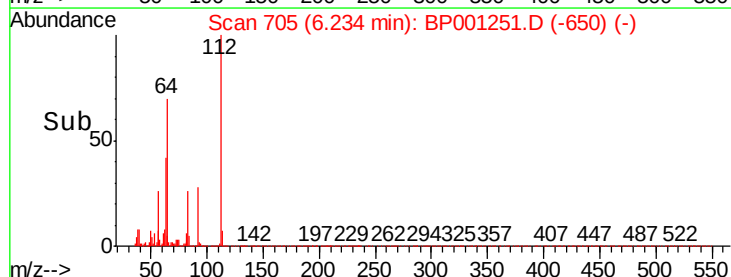
63 41.5 32.2 48.2

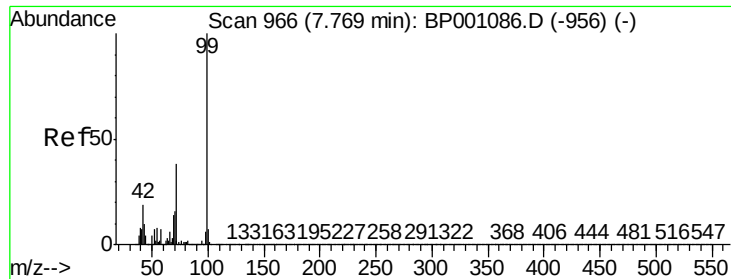


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 120.432 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

Instrument :

BNA_P

ClientSampleId :

OR-03-120519

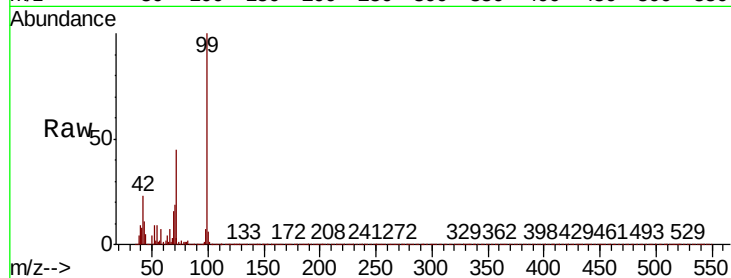
Tot Ion: 99 Resp: 762611

Ion Ratio Lower Upper

99 100

42 23.2 17.6 26.4

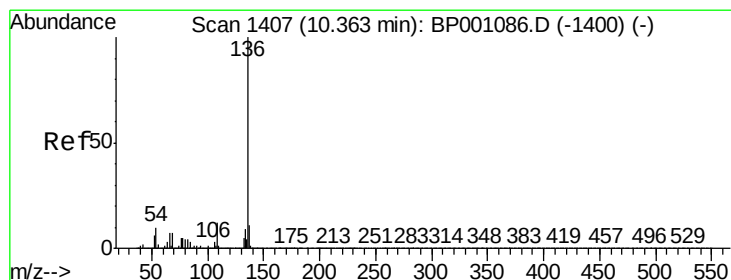
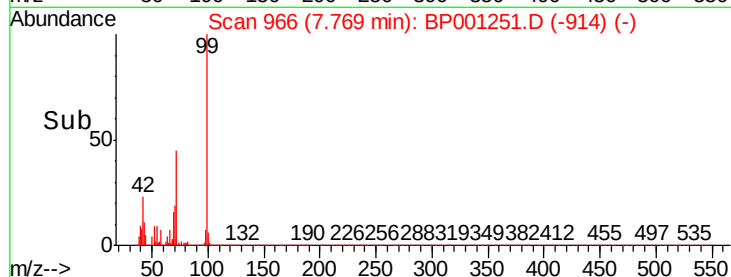
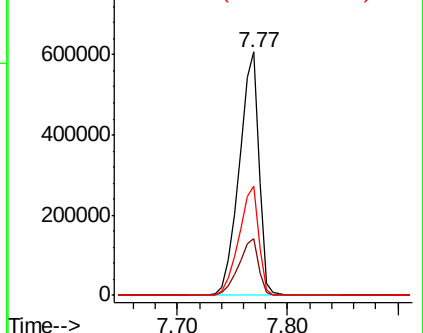
71 45.0 33.8 50.8



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: 10.35 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

Tgt Ion: 136 Resp: 287994

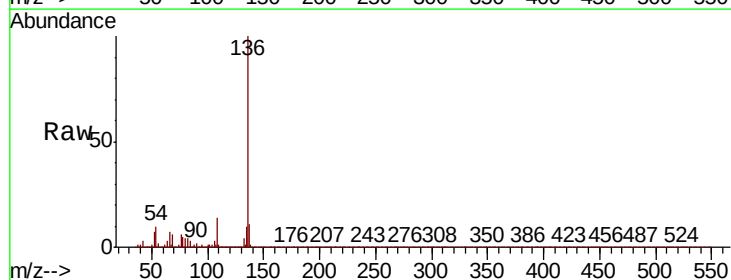
Ion Ratio Lower Upper

136 100

137 11.1 8.4 12.6

54 10.2 7.4 11.0

68 6.0 4.6 7.0

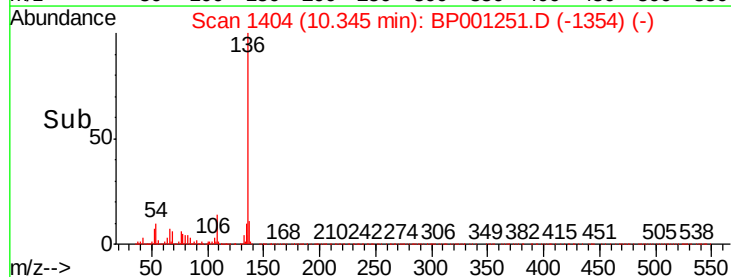
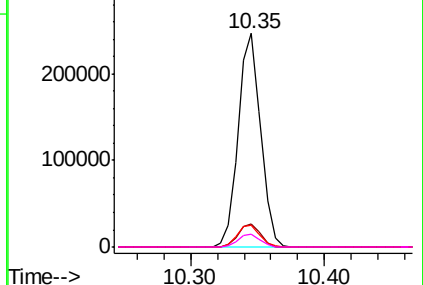


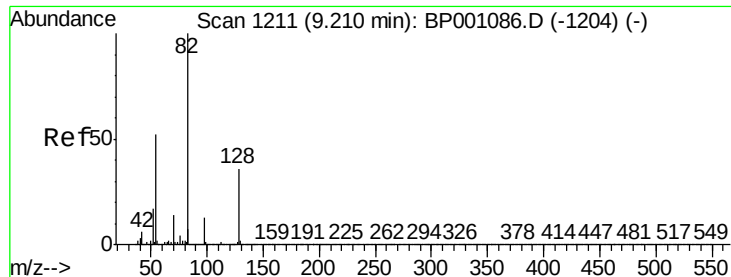
Abundance Ion 136.00 (135.70 to 136.70): E

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

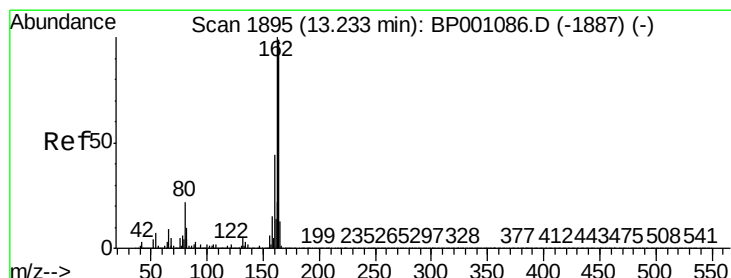
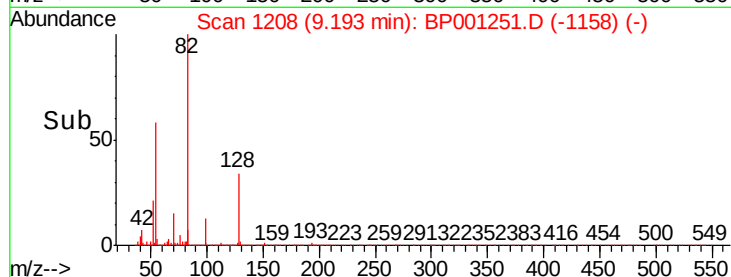
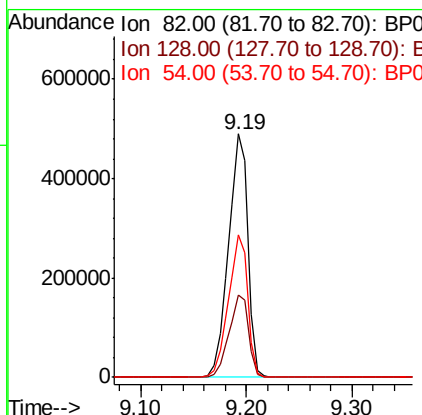
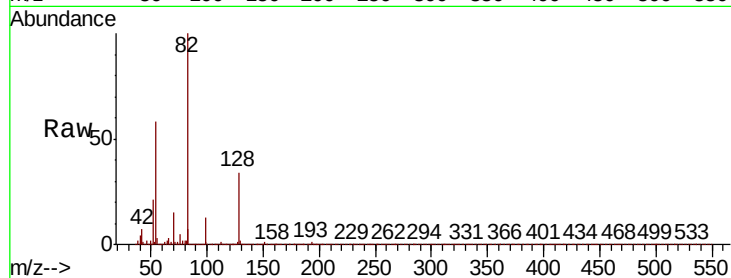




#23
 Nitrobenzene-d5
 Concen: 92.781 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.01 min
 Lab File: BP001251.D
 Acq: 07 Dec 2019 13:38

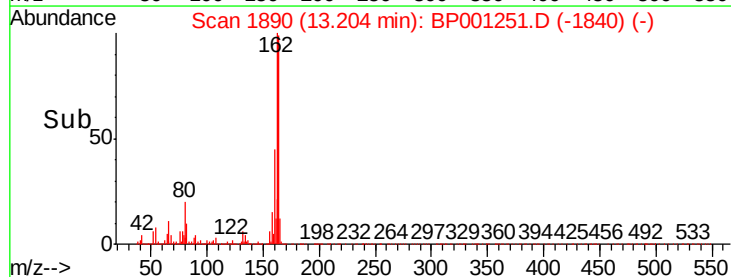
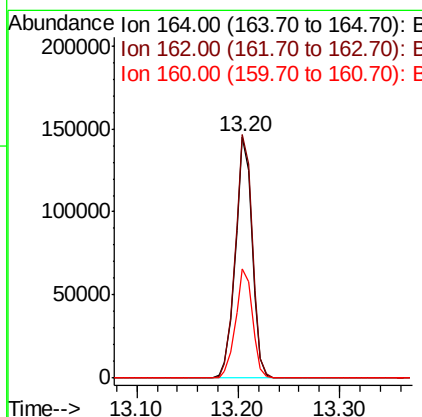
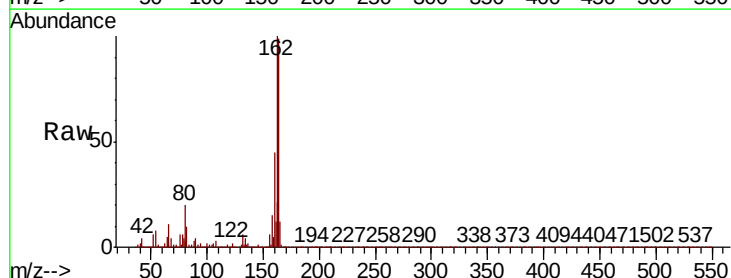
Instrument :
 BNA_P
 ClientSampleId :
 OR-03-120519

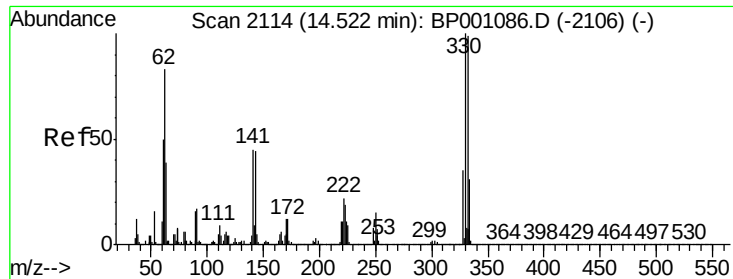
Tot Ion	82	Resp	615881
Ion Ratio	Lower	Upper	
82	100		
128	33.9	27.5	41.3
54	58.4	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001251.D
 Acq: 07 Dec 2019 13:38

Tgt Ion	164	Resp	165205
Ion Ratio	Lower	Upper	
164	100		
162	101.0	80.7	121.1
160	45.5	36.3	54.5





#42

2,4,6-Tribromophenol

Concen: 163.704 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.00 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

Instrument :

BNA_P

ClientSampleId :

OR-03-120519

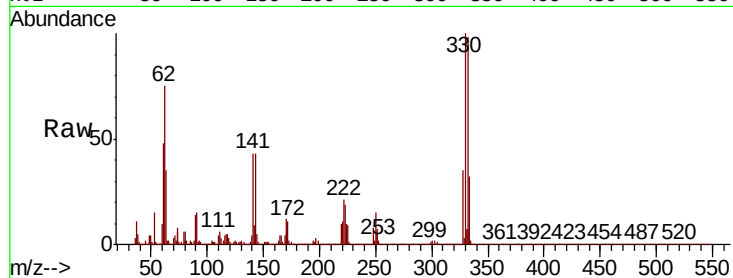
Tot Ion:330 Resp: 259224

Ion Ratio Lower Upper

330 100

332 96.7 79.1 118.7

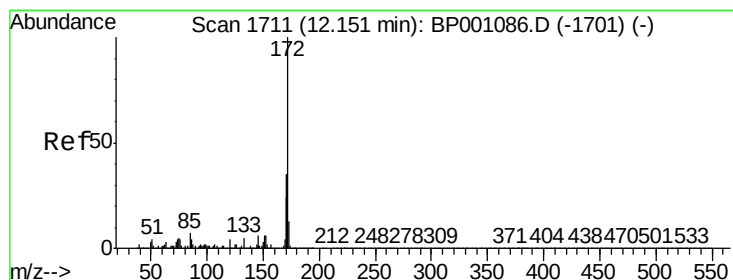
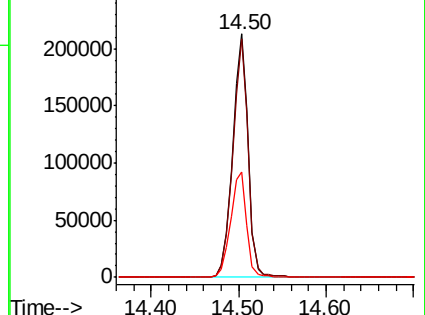
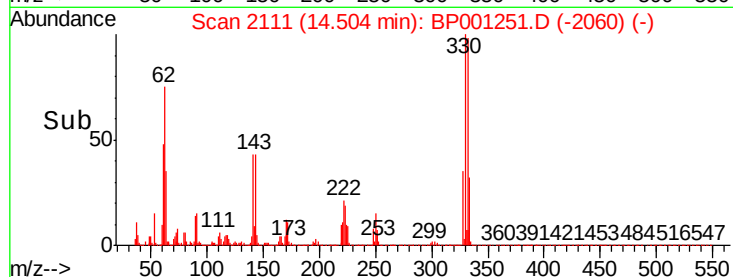
141 44.8 35.9 53.9



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: 89.690 ng

RT: 12.12 min Scan# 1706

Delta R.T. -0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

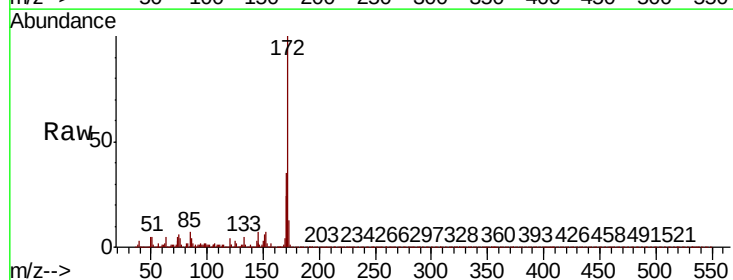
Tgt Ion:172 Resp: 1012406

Ion Ratio Lower Upper

172 100

171 34.7 28.7 43.1

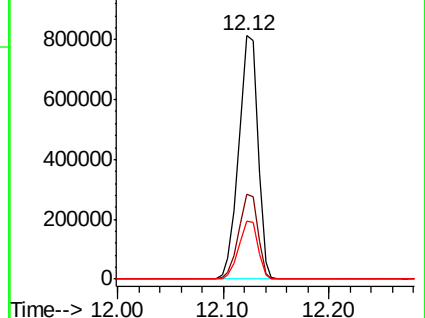
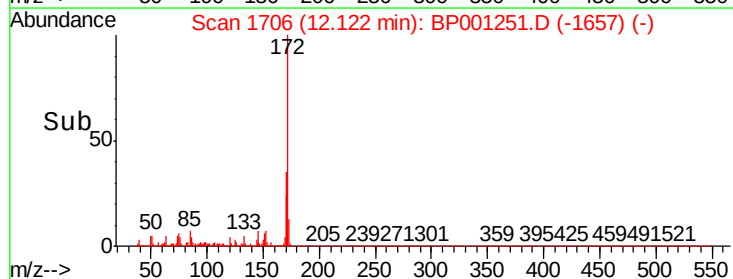
170 23.8 19.2 28.8

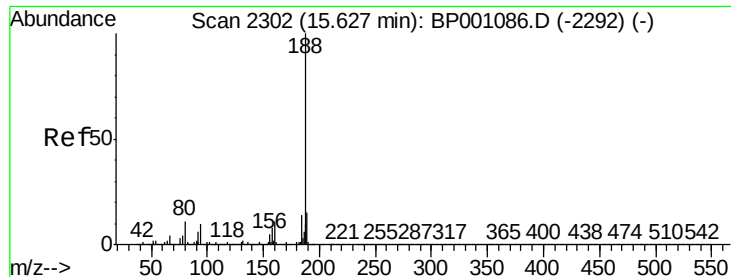


Abundance Ion 172.00 (171.70 to 172.70): E

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# 2298

Delta R.T. -0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

Instrument :

BNA_P

ClientSampleId :

OR-03-120519

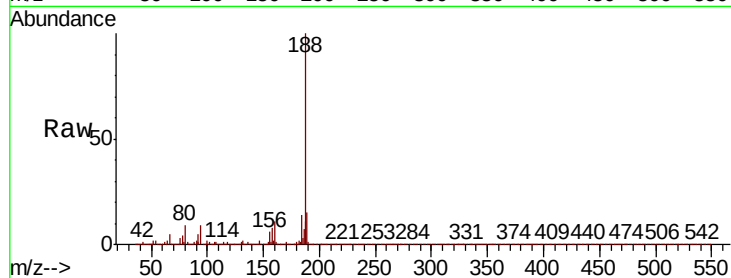
Tot Ion:188 Resp: 336956

Ion Ratio Lower Upper

188 100

94 8.8 7.1 10.7

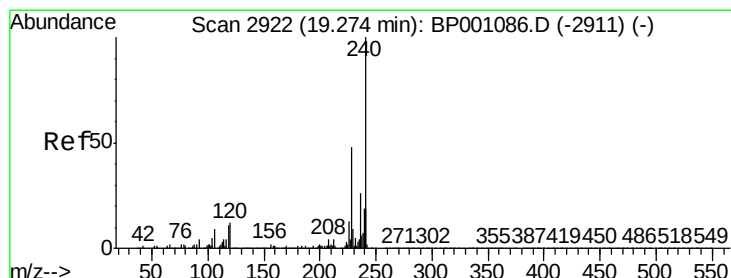
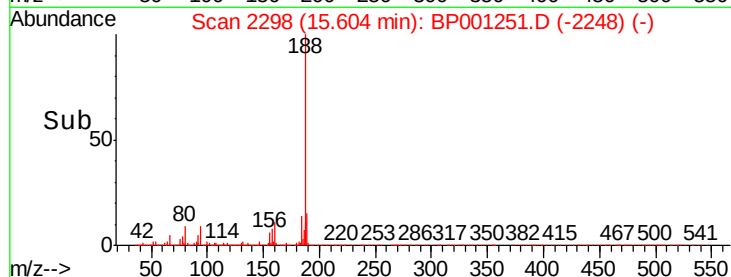
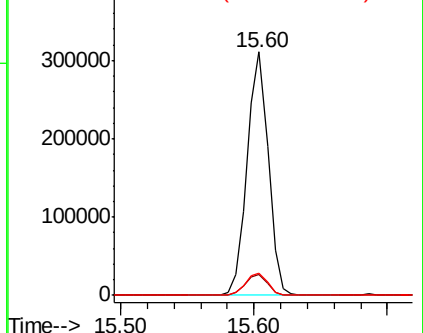
80 9.0 7.8 11.6



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: 19.25 min Scan# 2917

Delta R.T. -0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

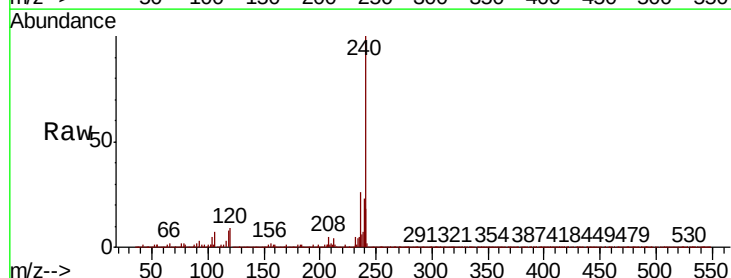
Tgt Ion:240 Resp: 261421

Ion Ratio Lower Upper

240 100

120 8.7 7.0 10.6

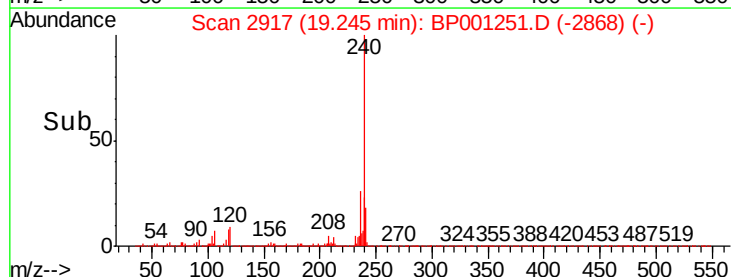
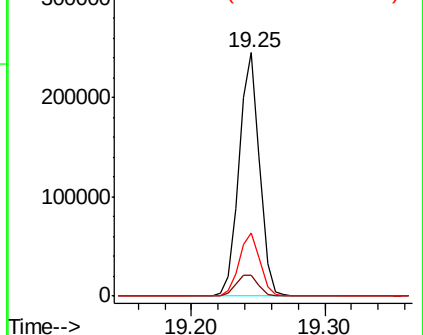
236 26.0 21.7 32.5

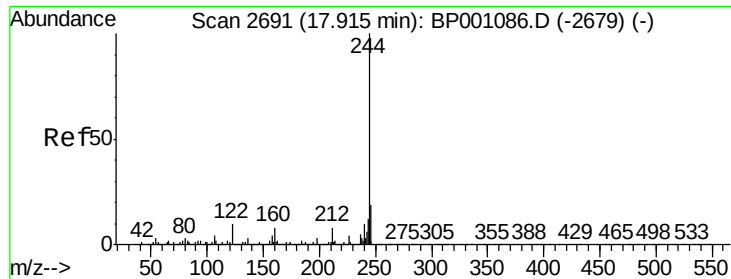


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 98.039 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

Instrument :

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ClientSampleId :

OR-03-120519

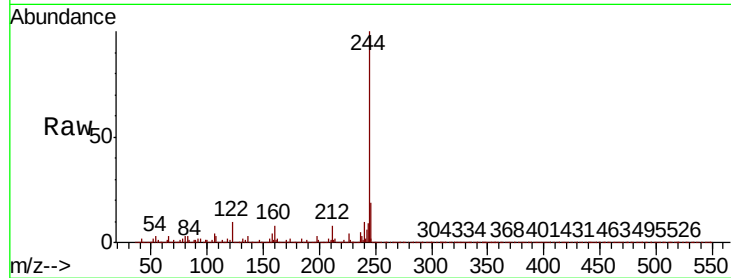
Tot Ion:244 Resp: 1385309

Ion Ratio Lower Upper

244 100

212 7.9 6.6 9.8

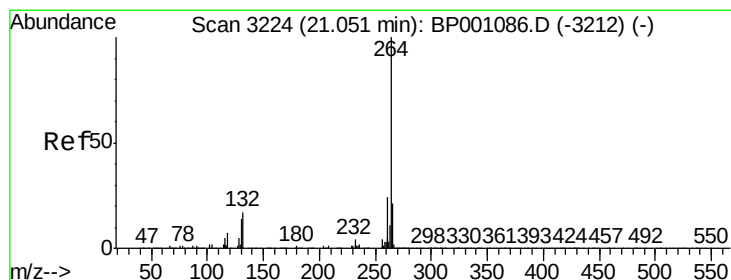
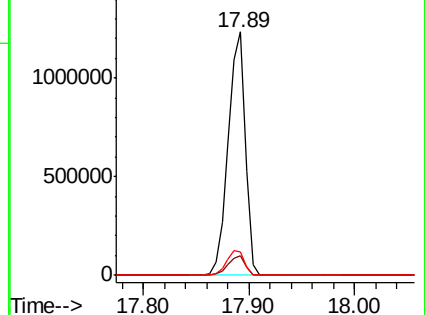
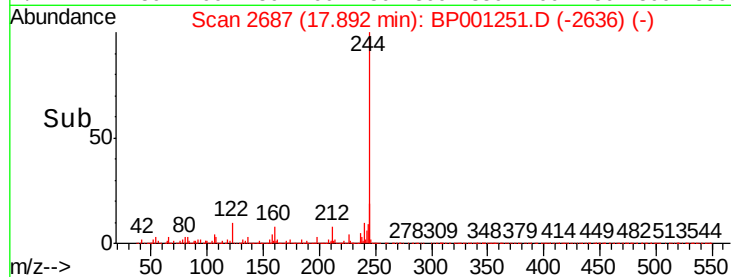
122 9.8 9.2 13.8



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: 21.02 min Scan# 3218

Delta R.T. -0.01 min

Lab File: BP001251.D

Acq: 07 Dec 2019 13:38

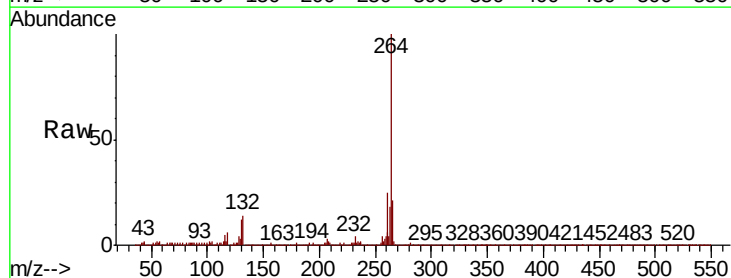
Tgt Ion:264 Resp: 216491

Ion Ratio Lower Upper

264 100

260 25.1 19.4 29.0

265 21.1 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

