

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001297.D
 Acq On : 10 Dec 2019 13:34
 Operator : JU
 Sample : PB125342BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125342BL

Quant Time: Dec 11 04:27:13 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	8.30	152	62551	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	229746	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	136108	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	268768	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	220488	20.00	ng	-0.02
87) Perylene-d12	21.01	264	236978	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	538487	142.83	ng	0.01
7) Phenol-d6	7.76	99	727068	144.75	ng	0.00
23) Nitrobenzene-d5	9.19	82	515014	97.26	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	210214	161.13	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	882487	94.89	ng	-0.01
79) Terphenyl-d14	17.89	244	1137202	95.42	ng	0.00

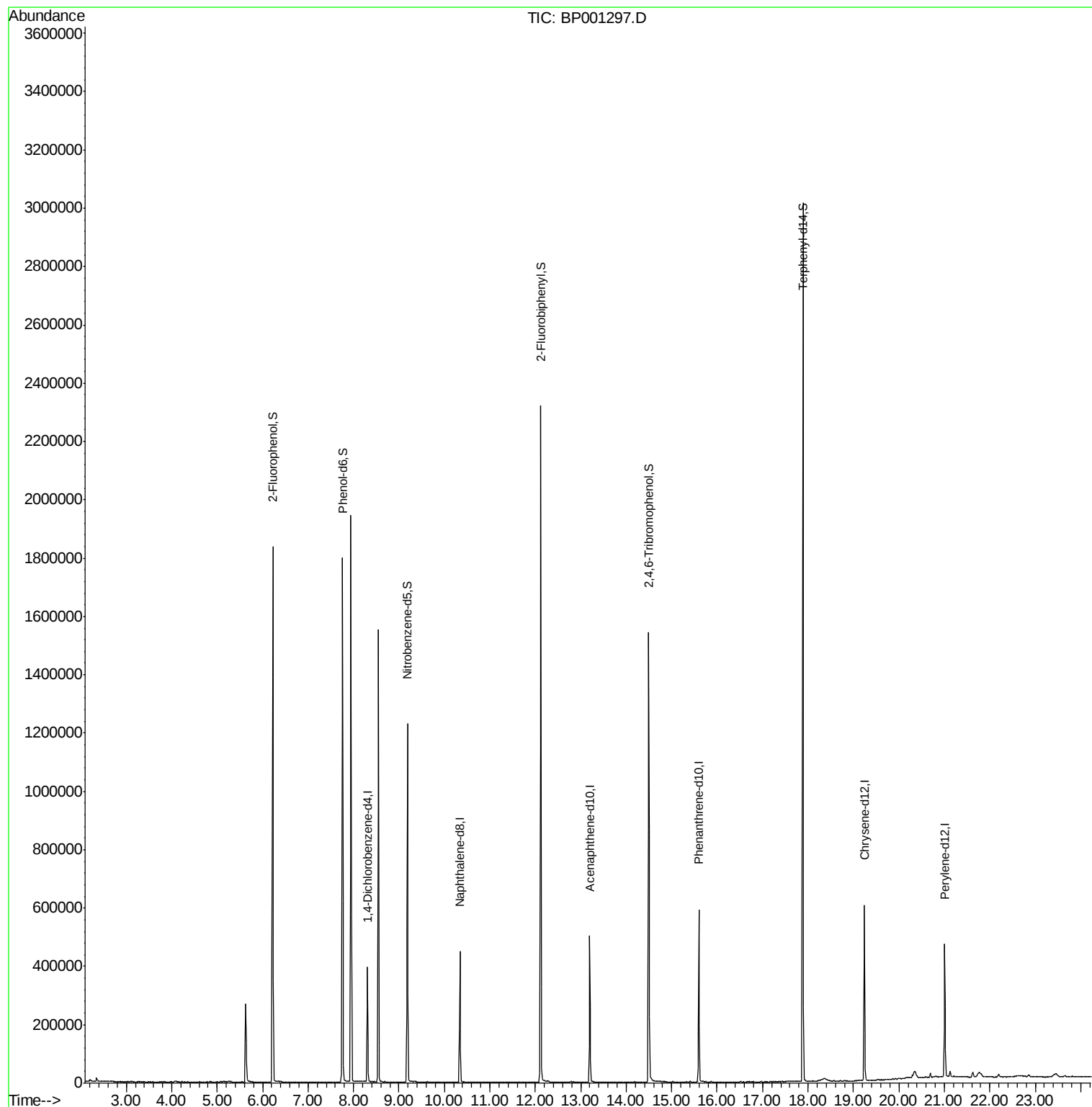
Target Compounds Qvalue

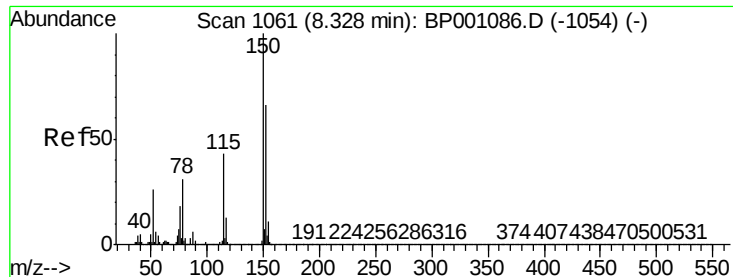
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.30 min Scan# 1057

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 13:34

Instrument :

BNA_P

ClientSampleId :

PB125342BL

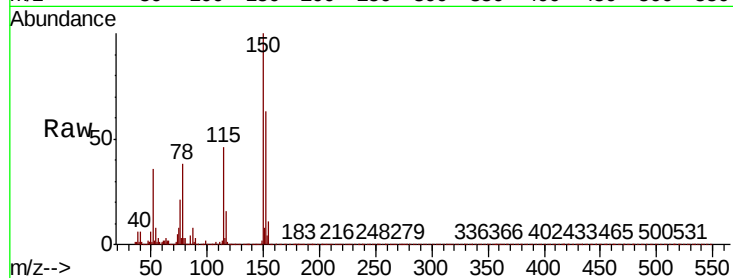
Tot Ion:152 Resp: 62551

Ion Ratio Lower Upper

152 100

150 158.4 127.3 190.9

115 73.6 56.0 84.0

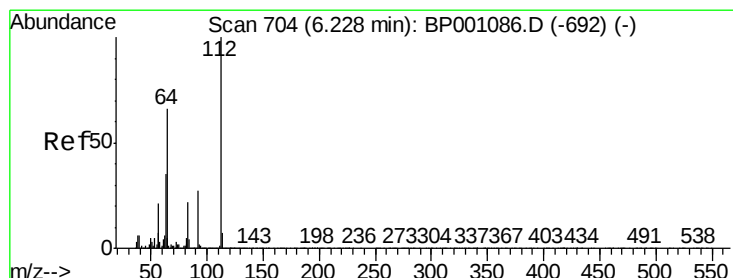
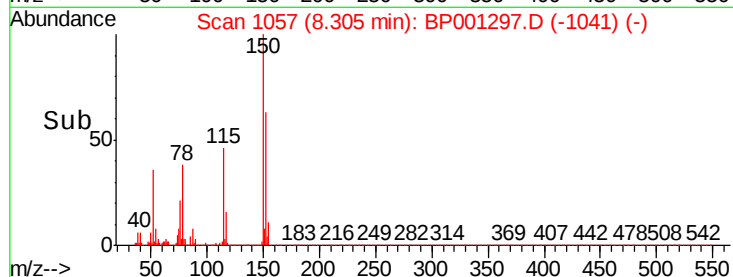
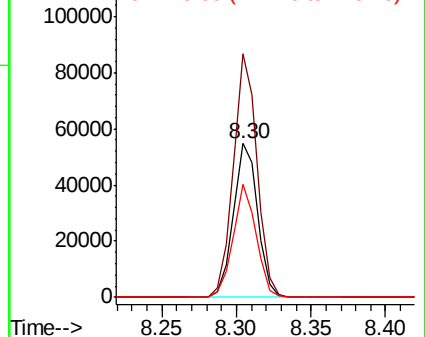


Abundance

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: 142.826 ng

RT: 6.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 13:34

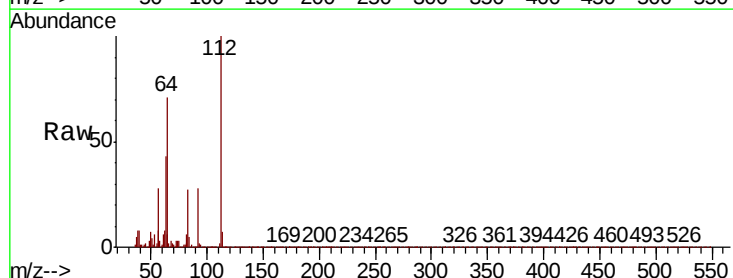
Tgt Ion:112 Resp: 538487

Ion Ratio Lower Upper

112 100

64 70.9 56.8 85.2

63 43.2 32.2 48.2

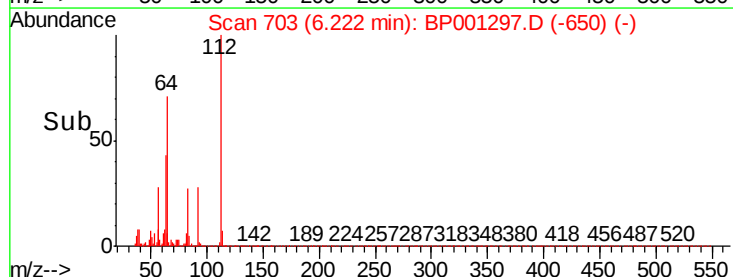
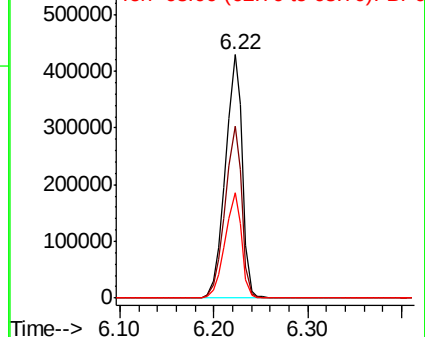


Abundance

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: 144.752 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001297.D

Acq: 10 Dec 2019 13:34

Instrument :

BNA_P

ClientSampleId :

PB125342BL

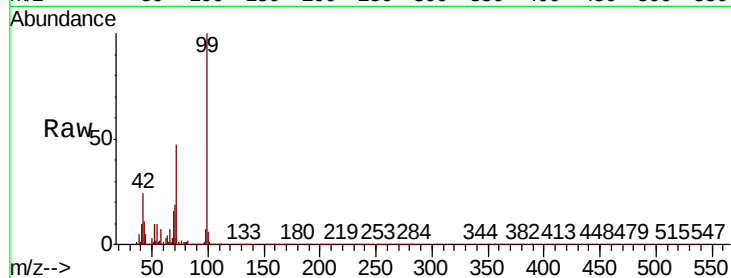
Tot Ion: 99 Resp: 727068

Ion Ratio Lower Upper

99 100

42 23.7 17.6 26.4

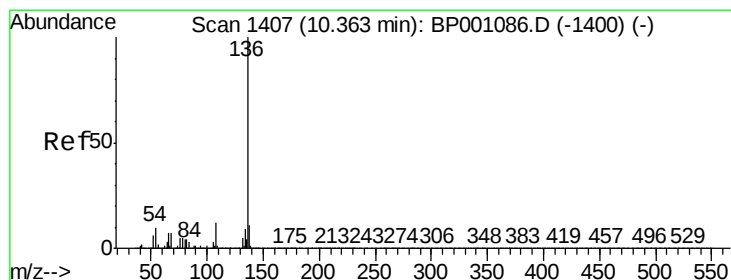
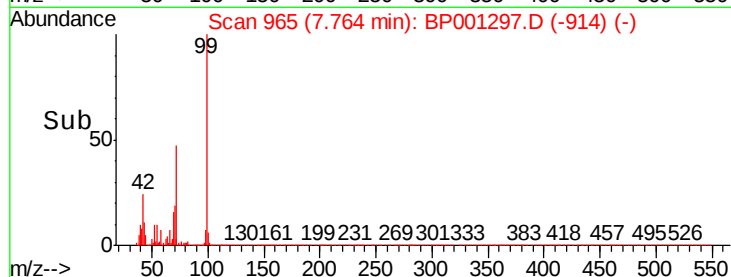
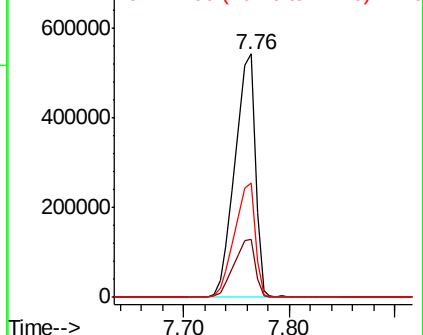
71 46.9 33.8 50.8



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: BP001297.D

Acq: 10 Dec 2019 13:34

Tgt Ion: 136 Resp: 229746

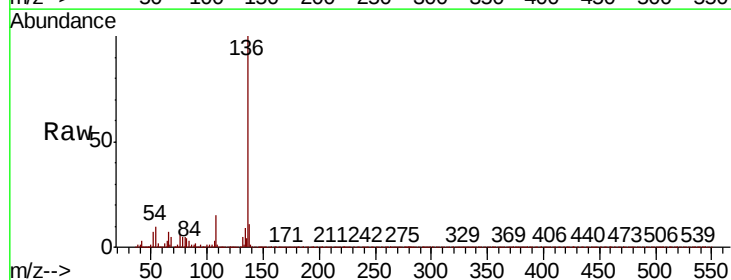
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 10.3 7.4 11.0

68 5.0 4.6 7.0

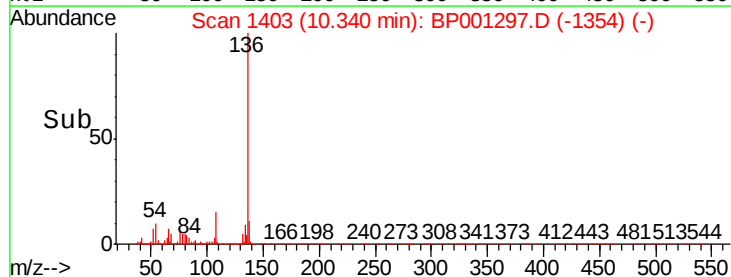
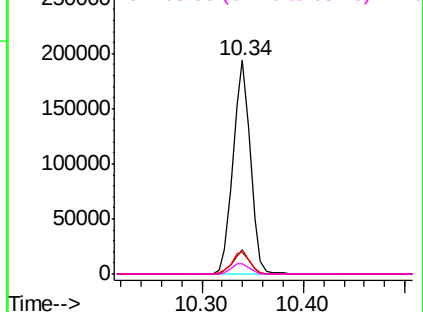


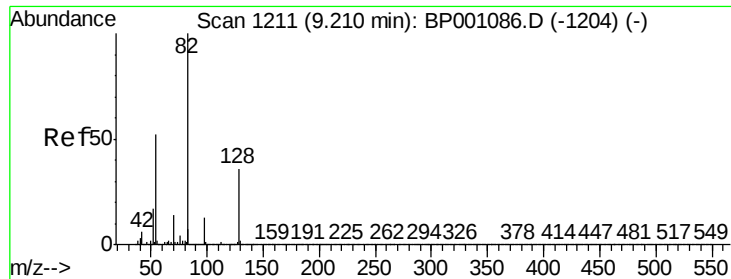
Abundance Ion 136.00 (135.70 to 136.70): E

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

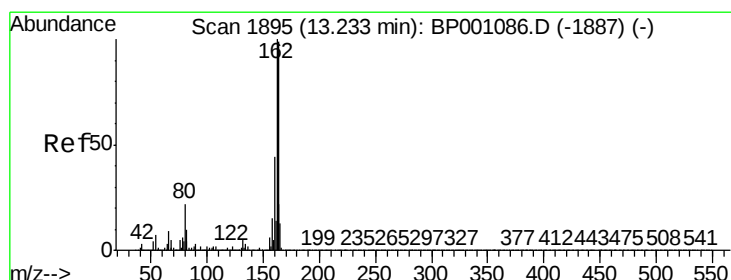
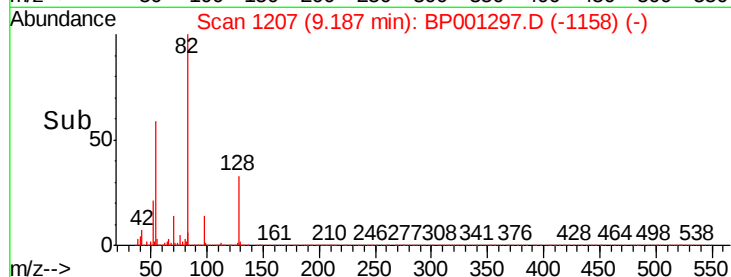
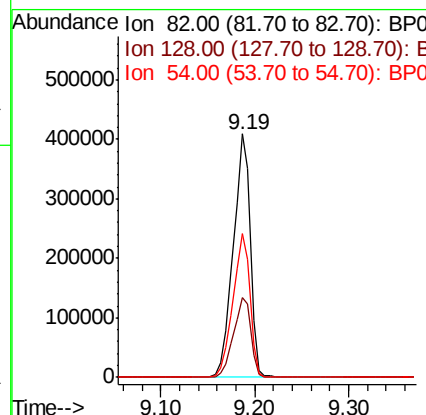
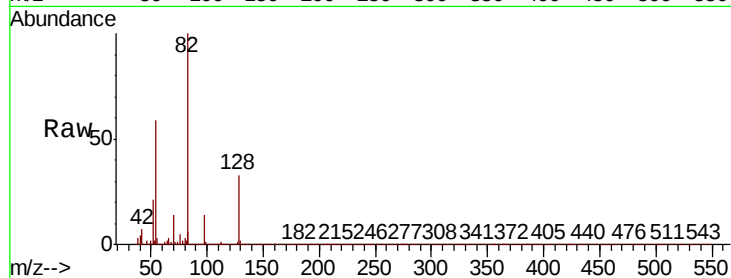




#23
Nitrobenzene-d5
Concen: 97.257 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 13:34

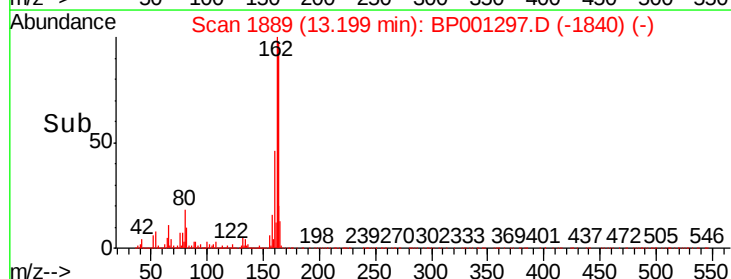
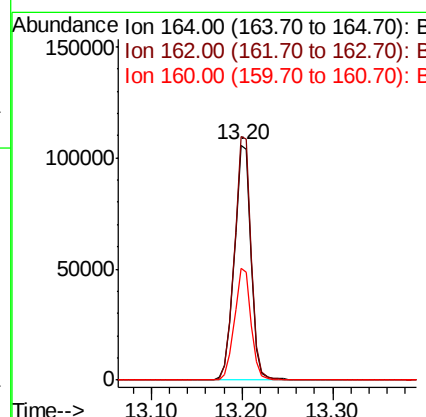
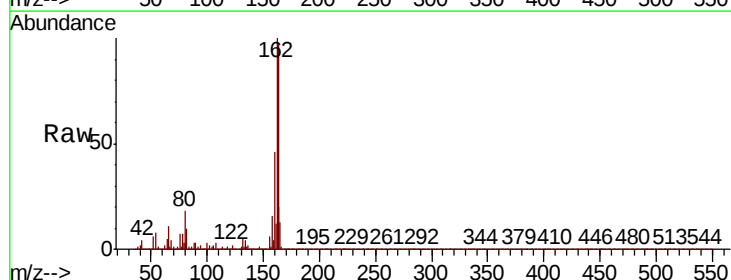
Instrument :
BNA_P
ClientSampleId :
PB125342BL

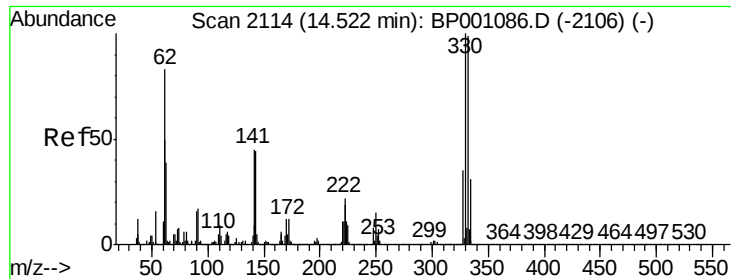
Tot Ion	Ratio	Lower	Upper
82	100		
128	33.0	27.5	41.3
54	58.8	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 13:34

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.7	121.1
160	47.6	36.3	54.5

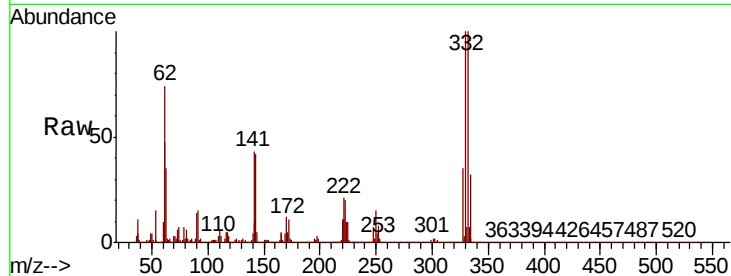




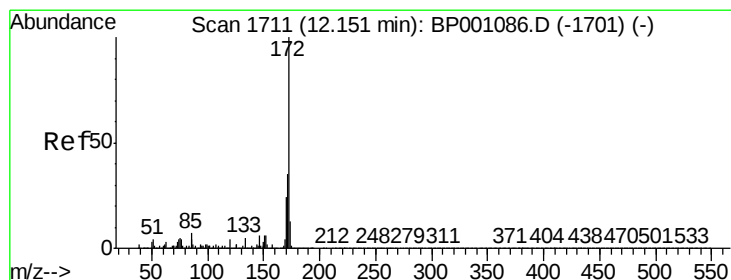
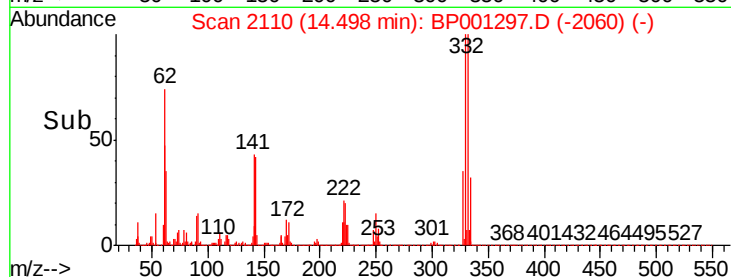
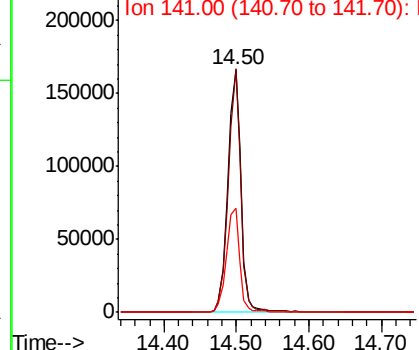
#42
2,4,6-Tribromophenol
Concen: 161.133 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 13:34

Instrument :
BNA_P
ClientSampleId :
PB125342BL

Tot Ion:330 Resp: 210214
Ion Ratio Lower Upper
330 100
332 96.3 79.1 118.7
141 43.8 35.9 53.9

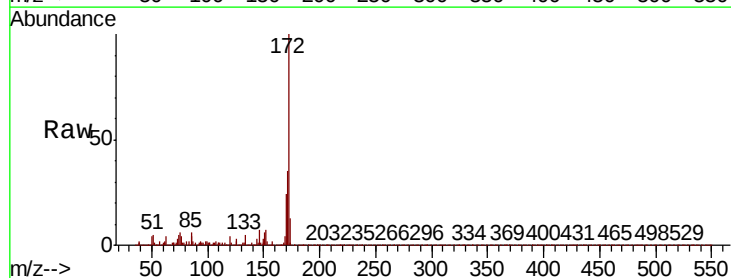


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

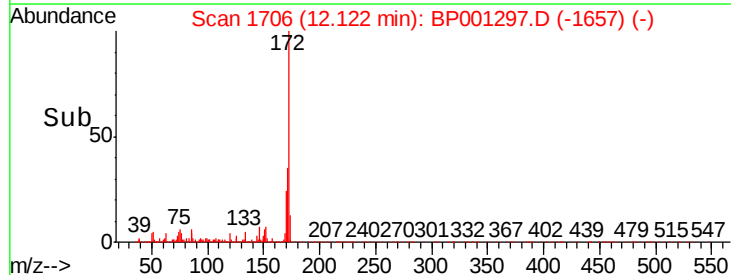
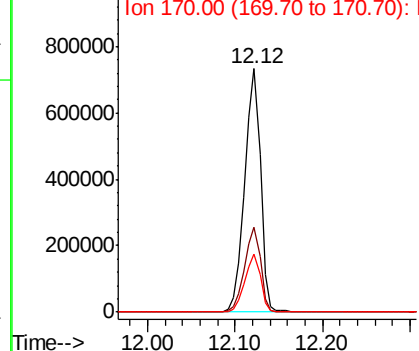


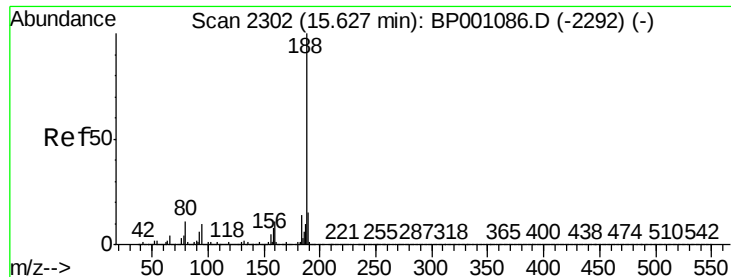
#45
2-Fluorobiphenyl
Concen: 94.894 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001297.D
Acq: 10 Dec 2019 13:34

Tgt Ion:172 Resp: 882487
Ion Ratio Lower Upper
172 100
171 35.1 28.7 43.1
170 23.6 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: BP001297.D

Acq: 10 Dec 2019 13:34

Instrument :

BNA_P

ClientSampleId :

PB125342BL

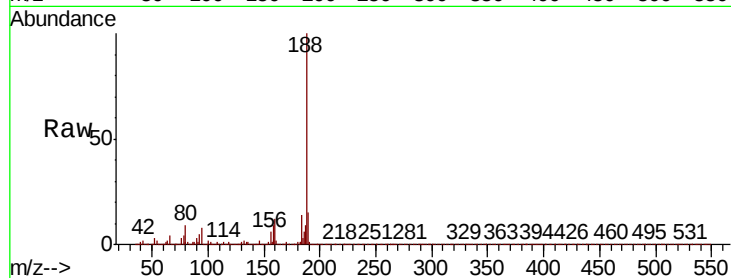
Tot Ion:188 Resp: 268768

Ion Ratio Lower Upper

188 100

94 8.1 7.1 10.7

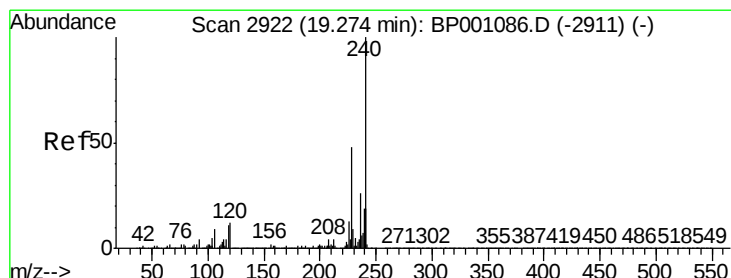
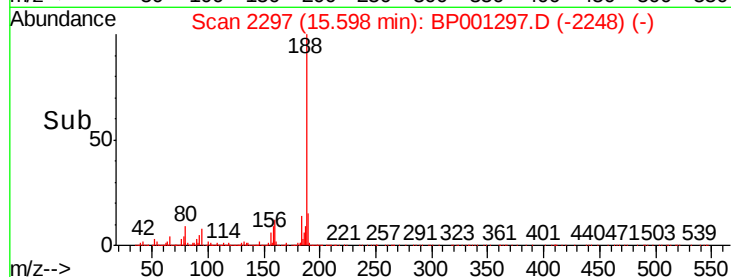
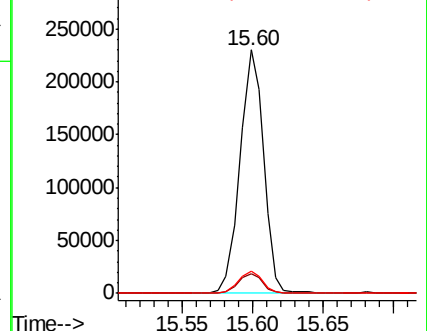
80 9.3 7.8 11.6



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: BP001297.D

Acq: 10 Dec 2019 13:34

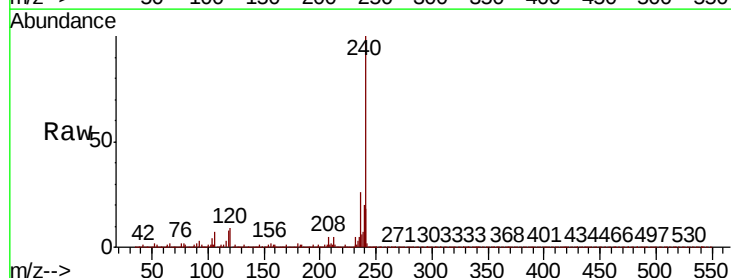
Tgt Ion:240 Resp: 220488

Ion Ratio Lower Upper

240 100

120 8.5 7.0 10.6

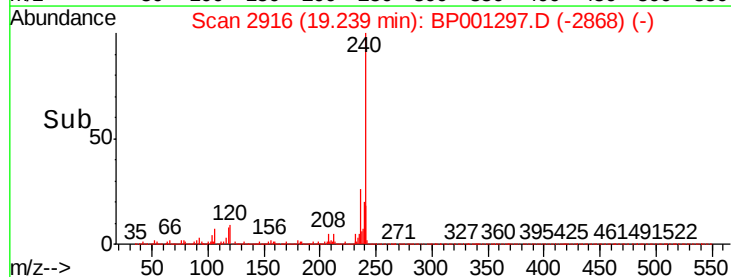
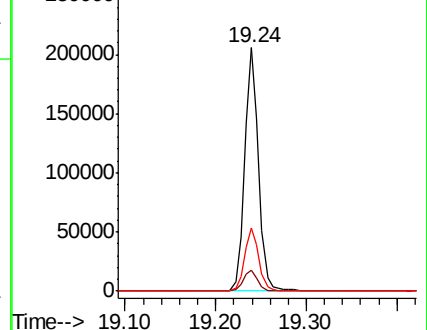
236 25.9 21.7 32.5

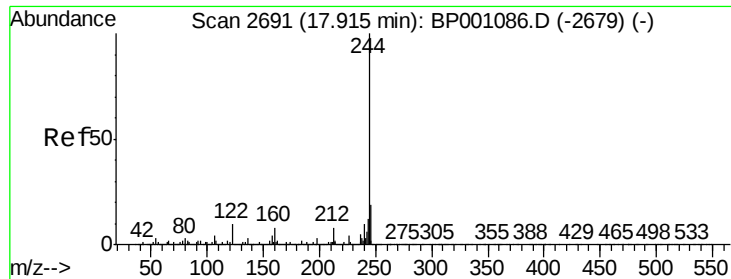


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 95.421 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001297.D

Acq: 10 Dec 2019 13:34

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PB125342BL

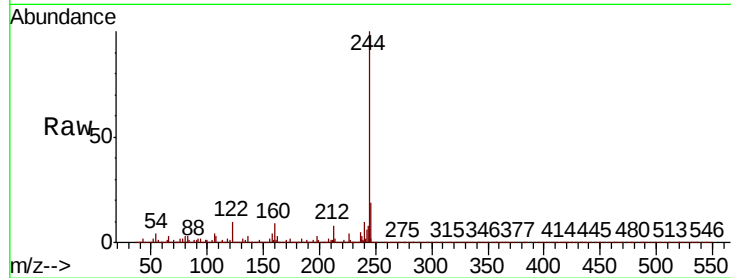
Tot Ion:244 Resp: 1137202

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

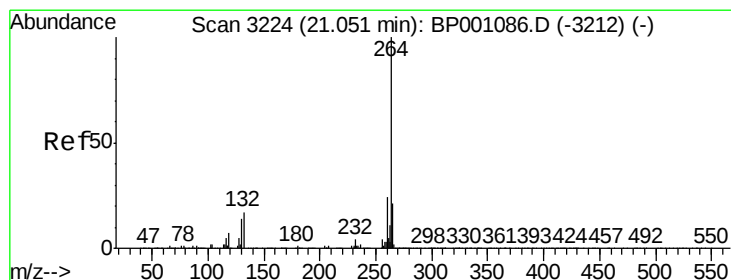
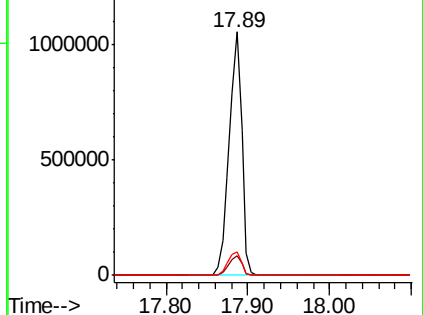
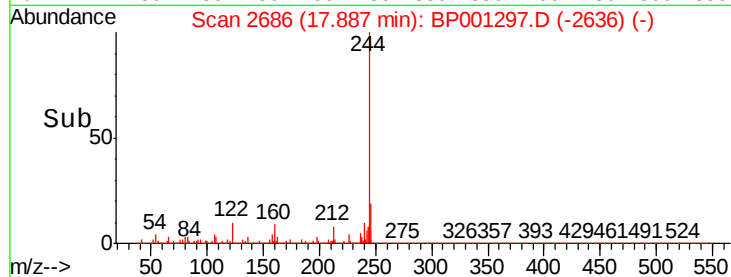
122 9.8 9.2 13.8



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: 21.01 min Scan# 3217

Delta R.T. -0.02 min

Lab File: BP001297.D

Acq: 10 Dec 2019 13:34

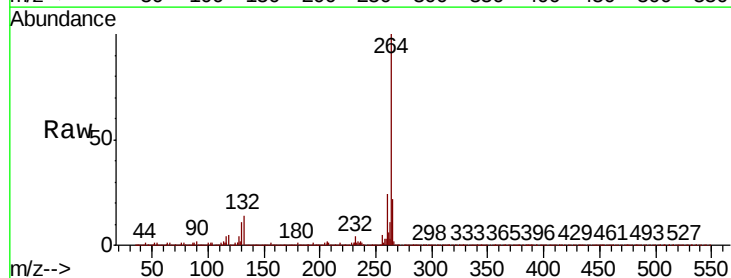
Tgt Ion:264 Resp: 236978

Ion Ratio Lower Upper

264 100

260 24.2 19.4 29.0

265 22.2 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

