

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001299.D
 Acq On : 10 Dec 2019 17:24
 Operator : JU
 Sample : PB125370BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125370BL

Quant Time: Dec 11 04:33:45 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	62419	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	235793	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	148365	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	320182	20.00	ng	0.00
76) Chrysene-d12	19.24	240	267029	20.00	ng	-0.01
87) Perylene-d12	21.02	264	267787	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	496327	131.92	ng	0.00
7) Phenol-d6	7.76	99	673881	134.45	ng	0.00
23) Nitrobenzene-d5	9.19	82	473736	87.17	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	221826	155.99	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	866027	85.43	ng	-0.01
79) Terphenyl-d14	17.89	244	1289103	89.31	ng	0.00

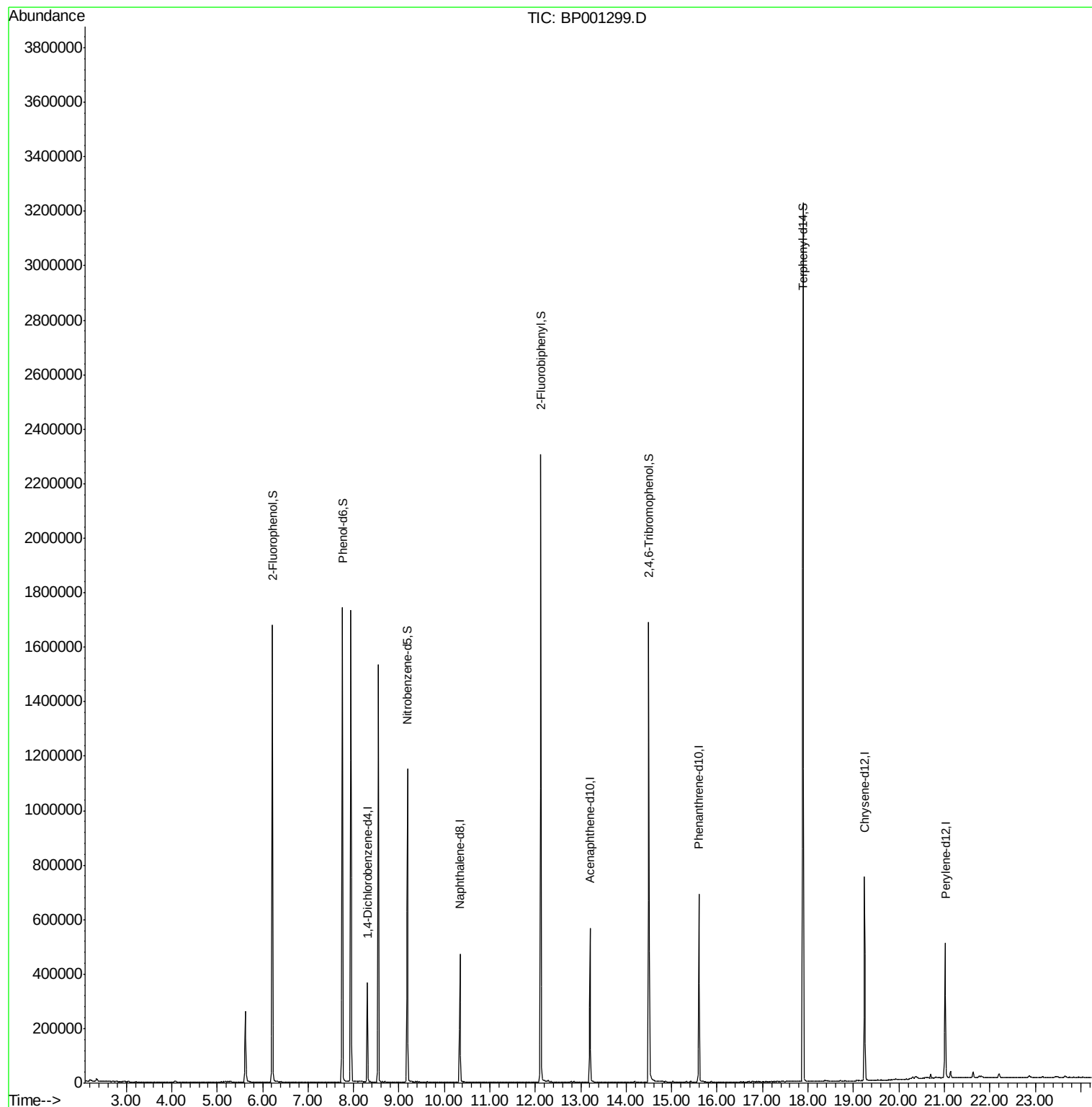
Target Compounds Qvalue

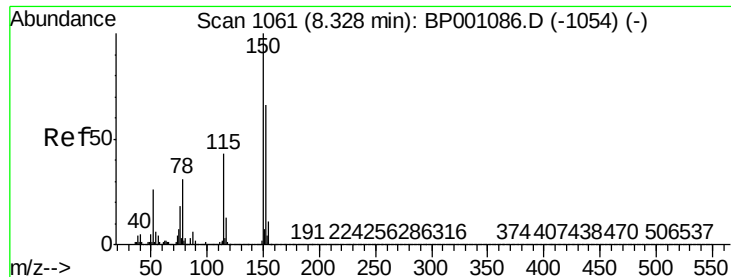
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001299.D

Acq: 10 Dec 2019 17:24

Instrument :

BNA_P

ClientSampleId :

PB125370BL

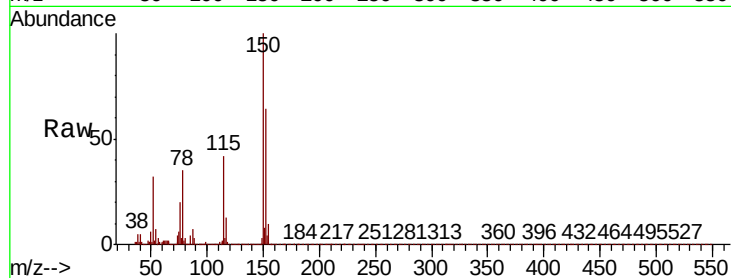
Tot Ion:152 Resp: 62419

Ion Ratio Lower Upper

152 100

150 156.2 127.3 190.9

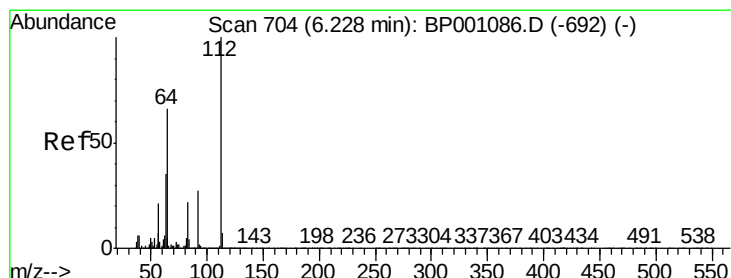
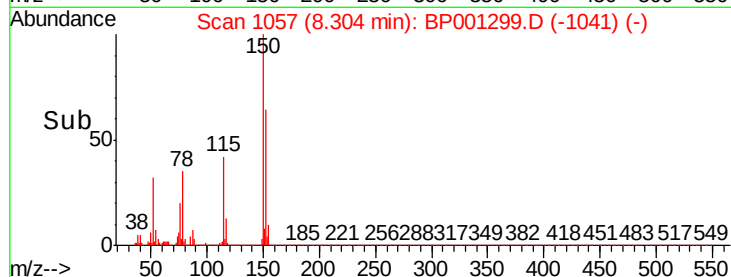
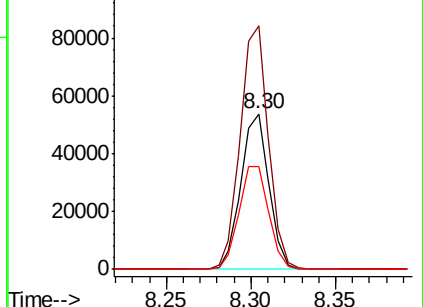
115 66.2 56.0 84.0



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: 131.922 ng

RT: 6.22 min Scan# 702

Delta R.T. 0.01 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:24

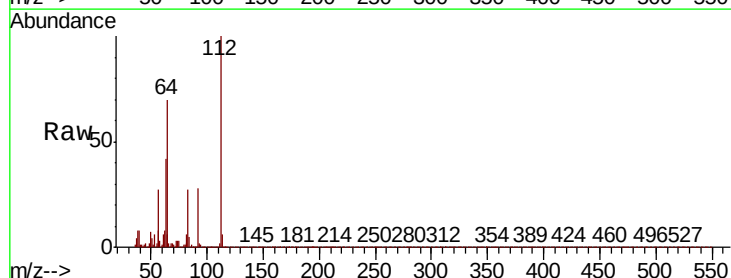
Tgt Ion:112 Resp: 496327

Ion Ratio Lower Upper

112 100

64 69.7 56.8 85.2

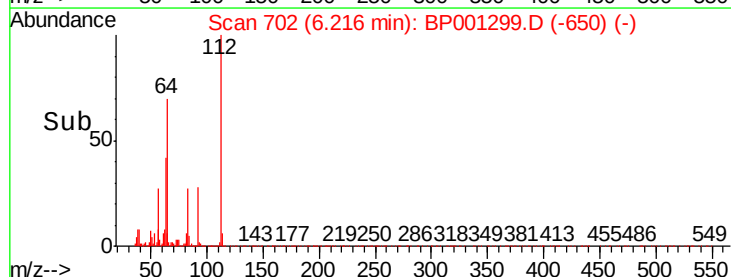
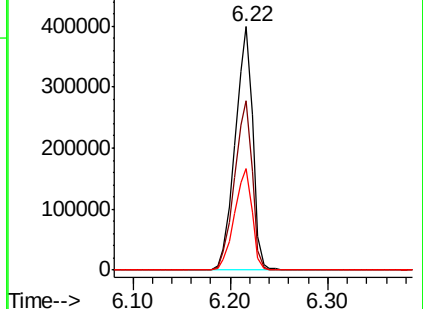
63 41.7 32.2 48.2

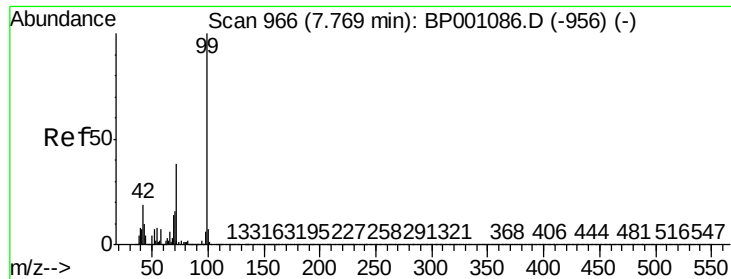


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 134.446 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:24

Instrument :

BNA_P

ClientSampleId :

PB125370BL

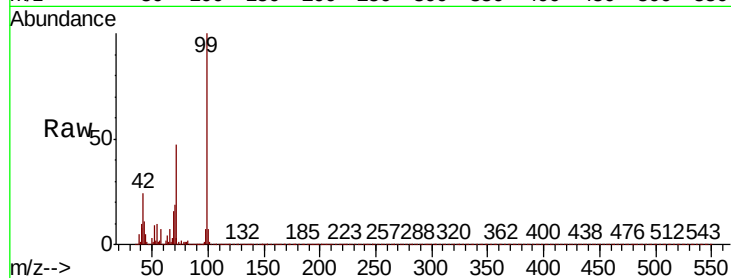
Tot Ion: 99 Resp: 673881

Ion Ratio Lower Upper

99 100

42 24.2 17.6 26.4

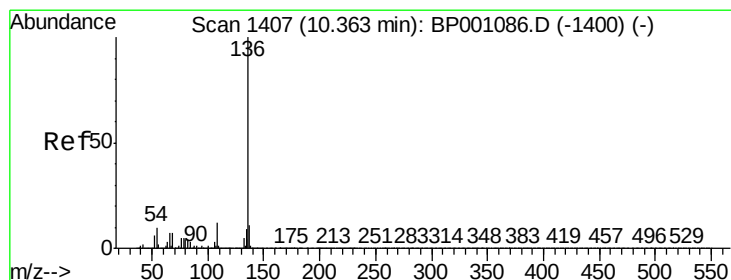
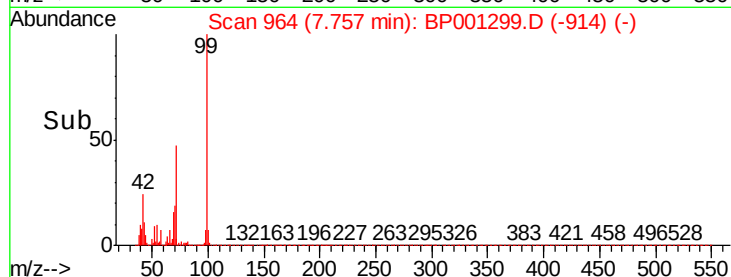
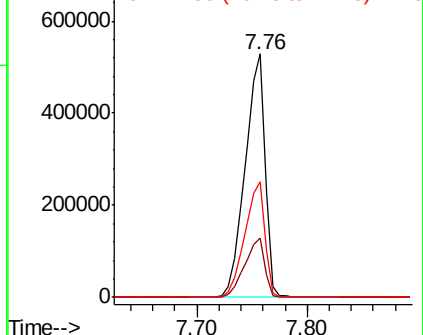
71 47.4 33.8 50.8



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: BP001299.D

Acq: 10 Dec 2019 17:24

Tgt Ion: 136 Resp: 235793

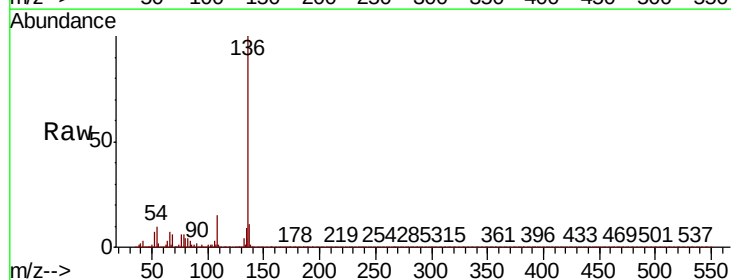
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.4 7.4 11.0

68 5.7 4.6 7.0

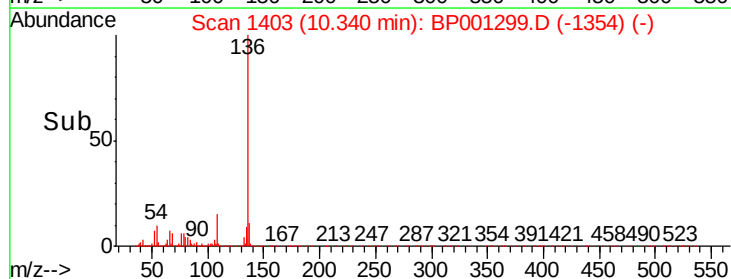
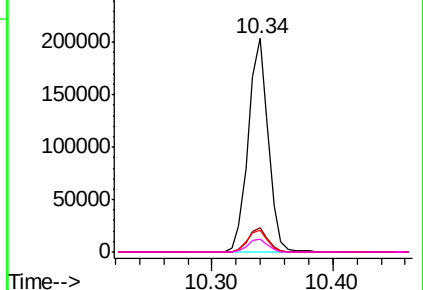


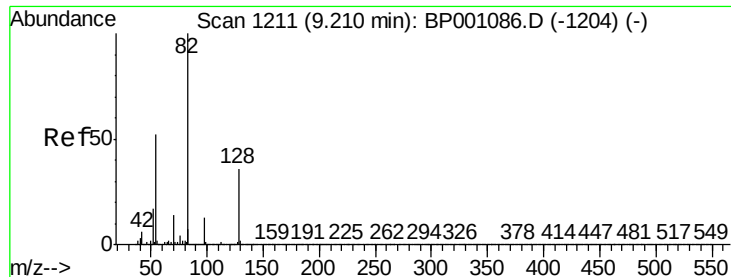
Abundance Ion 136.00 (135.70 to 136.70): E

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

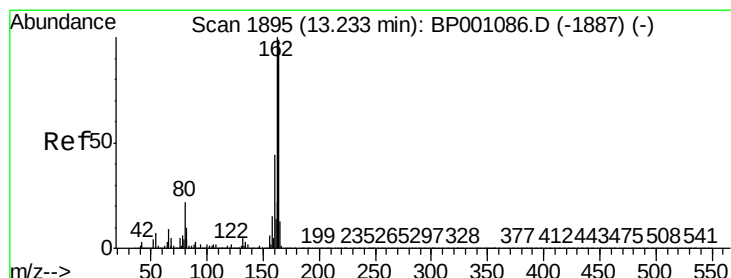
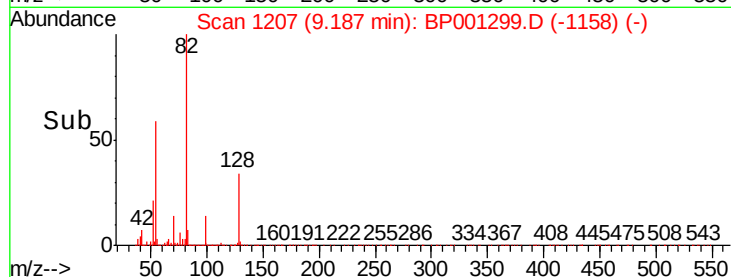
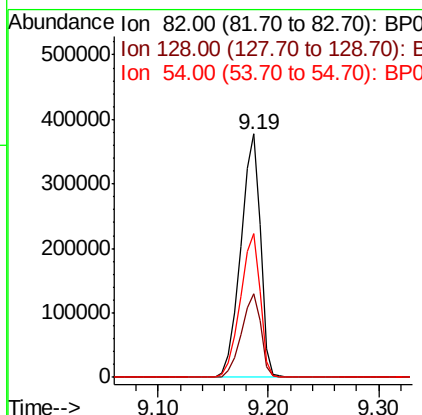
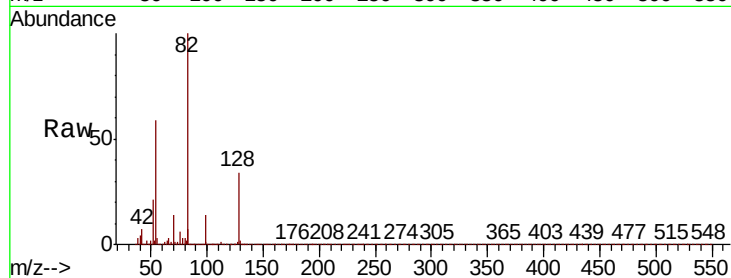




#23
 Nitrobenzene-d5
 Concen: 87.167 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001299.D
 Acq: 10 Dec 2019 17:24

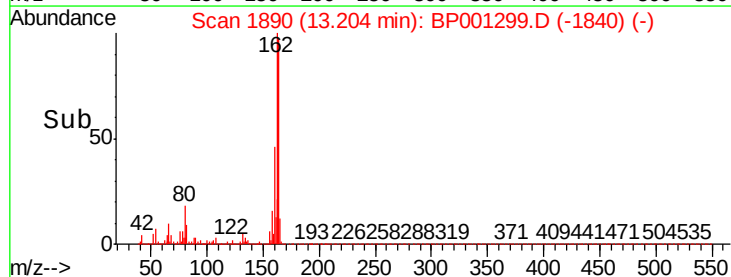
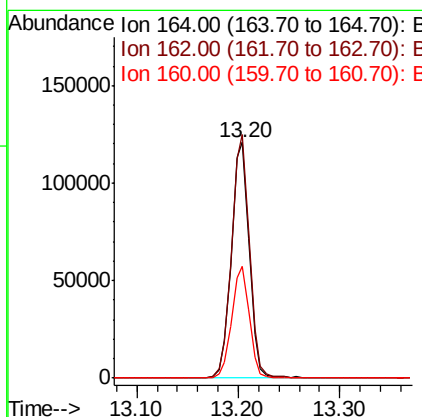
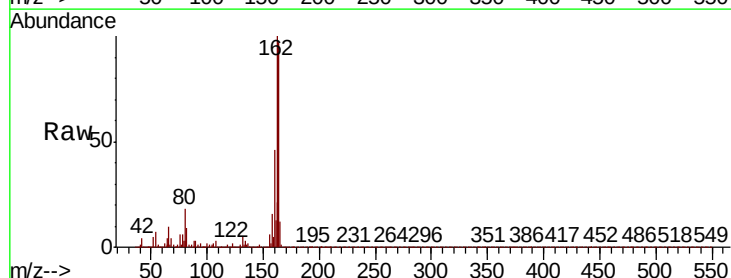
Instrument :
 BNA_P
 ClientSampleId :
 PB125370BL

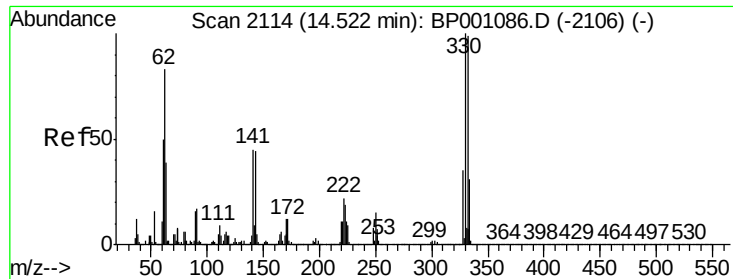
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.5	27.5	41.3
54	59.0	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001299.D
 Acq: 10 Dec 2019 17:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.2	80.7	121.1
160	47.3	36.3	54.5

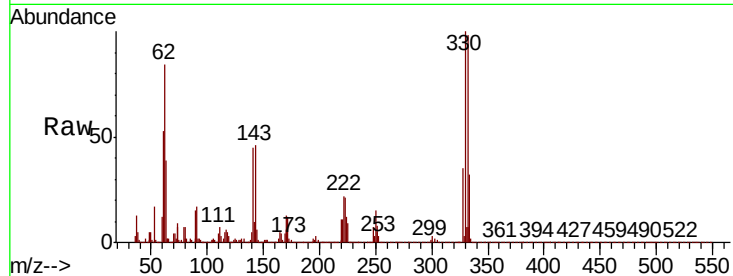




#42
2,4,6-Tribromophenol
Concen: 155.987 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:24

Instrument :
BNA_P
ClientSampleId :
PB125370BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	79.1	118.7
141	43.9	35.9	53.9

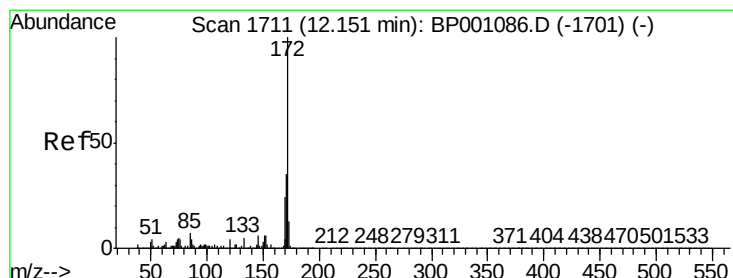
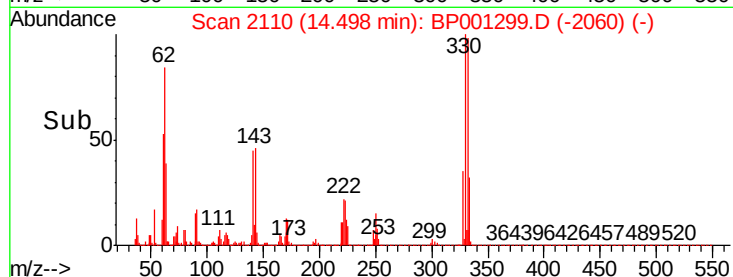
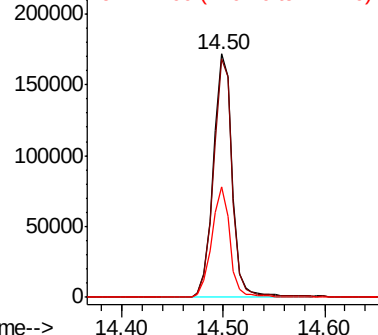


Abundance

Ion 329.80 (329.50 to 330.50): E

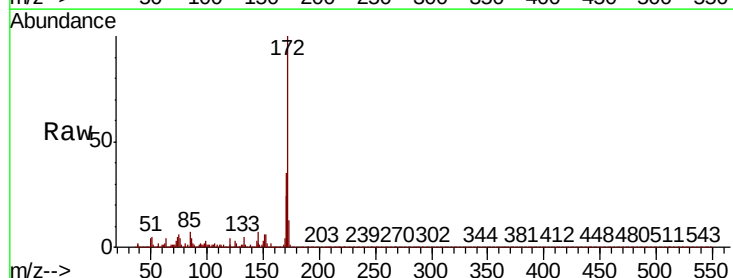
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 85.431 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	28.7	43.1
170	23.8	19.2	28.8

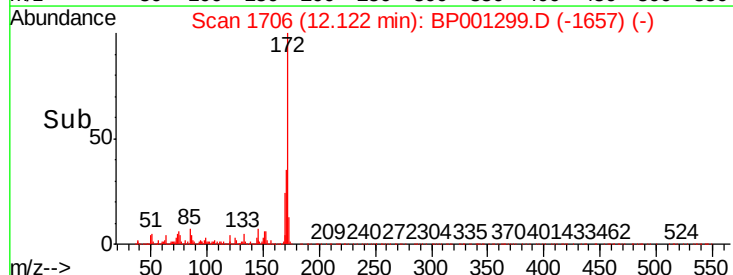
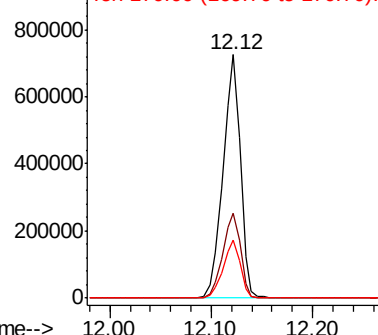


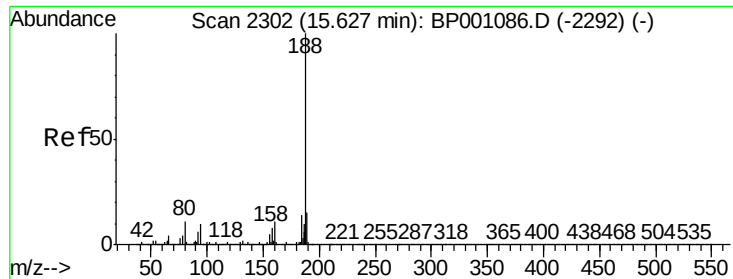
Abundance

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

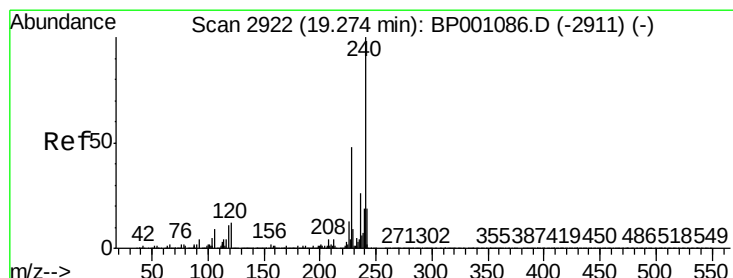
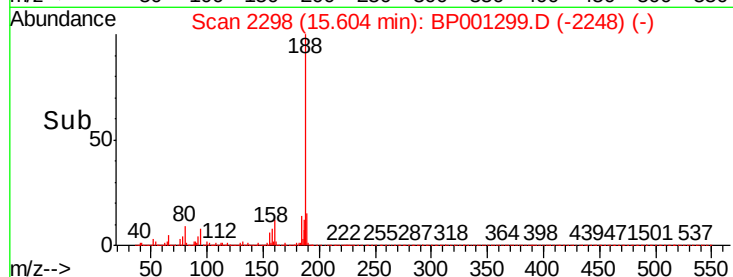
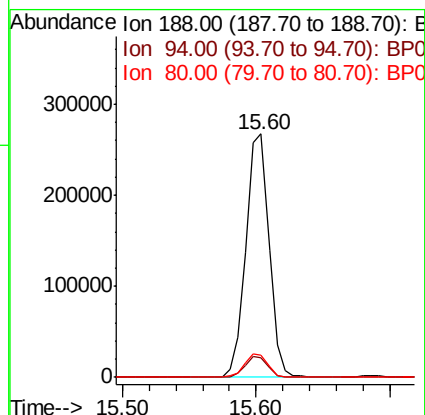
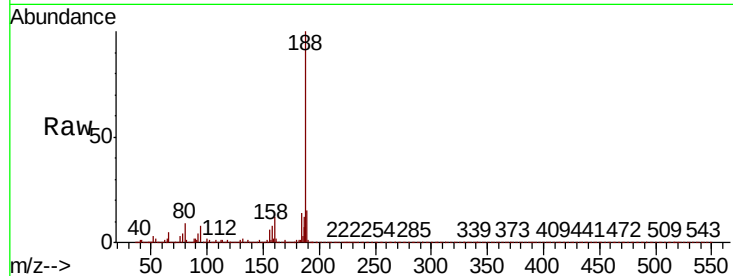




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:24

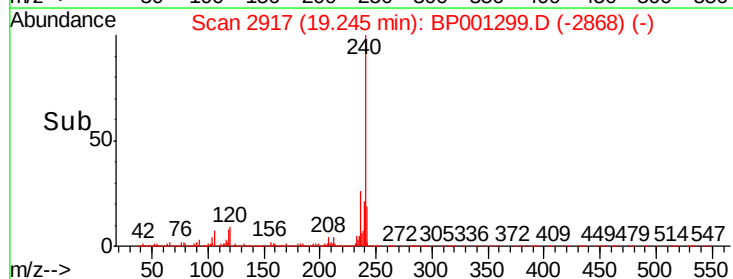
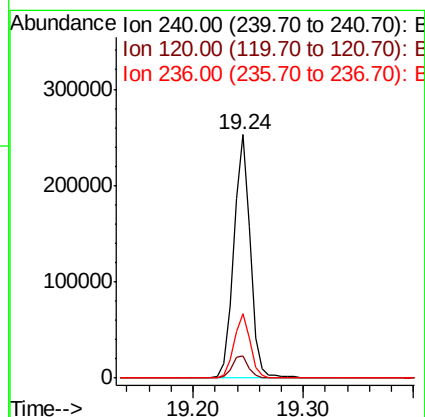
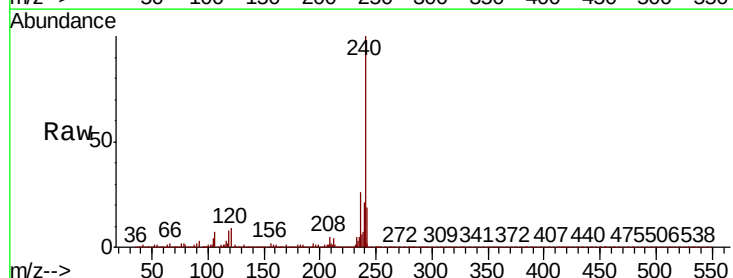
Instrument :
BNA_P
ClientSampleId :
PB125370BL

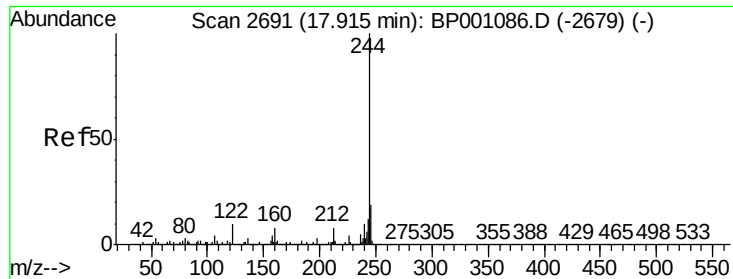
Tot Ion:188 Resp: 320182
Ion Ratio Lower Upper
188 100
94 8.2 7.1 10.7
80 8.9 7.8 11.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.24 min Scan# 2917
Delta R.T. -0.01 min
Lab File: BP001299.D
Acq: 10 Dec 2019 17:24

Tgt Ion:240 Resp: 267029
Ion Ratio Lower Upper
240 100
120 8.9 7.0 10.6
236 26.5 21.7 32.5





#79

Terphenyl-d14

Concen: 89.315 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:24

Instrument :

BNA_P

ClientSampleId :

PB125370BL

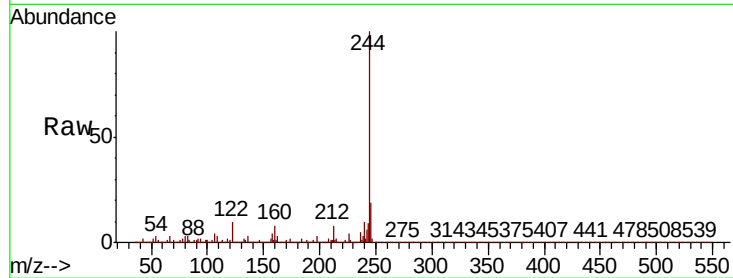
Tot Ion:244 Resp: 1289103

Ion Ratio Lower Upper

244 100

212 8.1 6.6 9.8

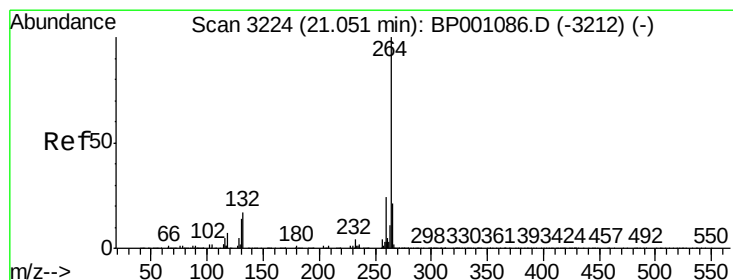
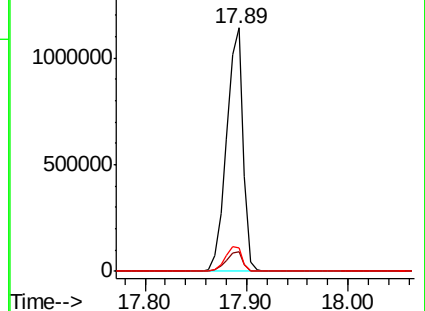
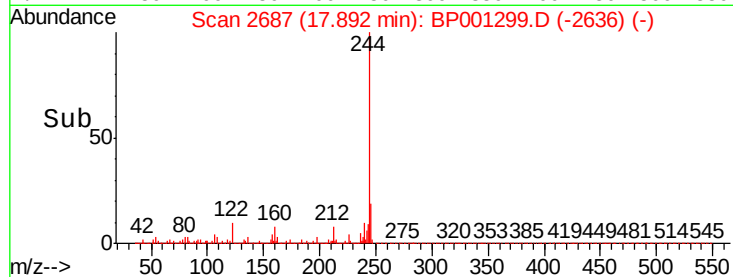
122 9.6 9.2 13.8



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# 3219

Delta R.T. -0.01 min

Lab File: BP001299.D

Acq: 10 Dec 2019 17:24

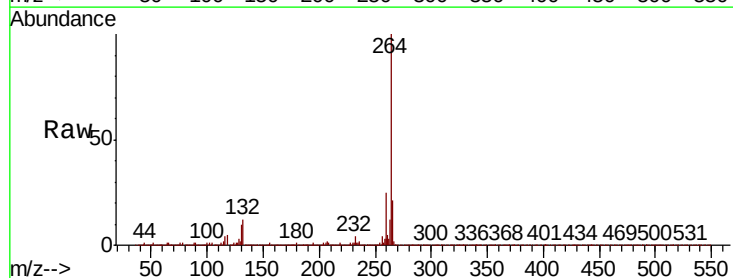
Tgt Ion:264 Resp: 267787

Ion Ratio Lower Upper

264 100

260 25.0 19.4 29.0

265 20.6 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

