

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001300.D
 Acq On : 10 Dec 2019 17:54
 Operator : JU
 Sample : PB125370TB
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB125370TB

Quant Time: Dec 11 04:48:49 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	70333	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	268125	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	165053	20.00	ng	0.00
64) Phenanthrene-d10	15.60	188	343251	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	265344	20.00	ng	-0.02
87) Perylene-d12	21.02	264	270439	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	581495	137.17	ng	0.01
7) Phenol-d6	7.76	99	784033	138.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	557780	90.26	ng	-0.01
42) 2,4,6-Tribromophenol	14.50	330	245077	154.91	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1003453	88.98	ng	-0.01
79) Terphenyl-d14	17.89	244	1360316	94.85	ng	0.00

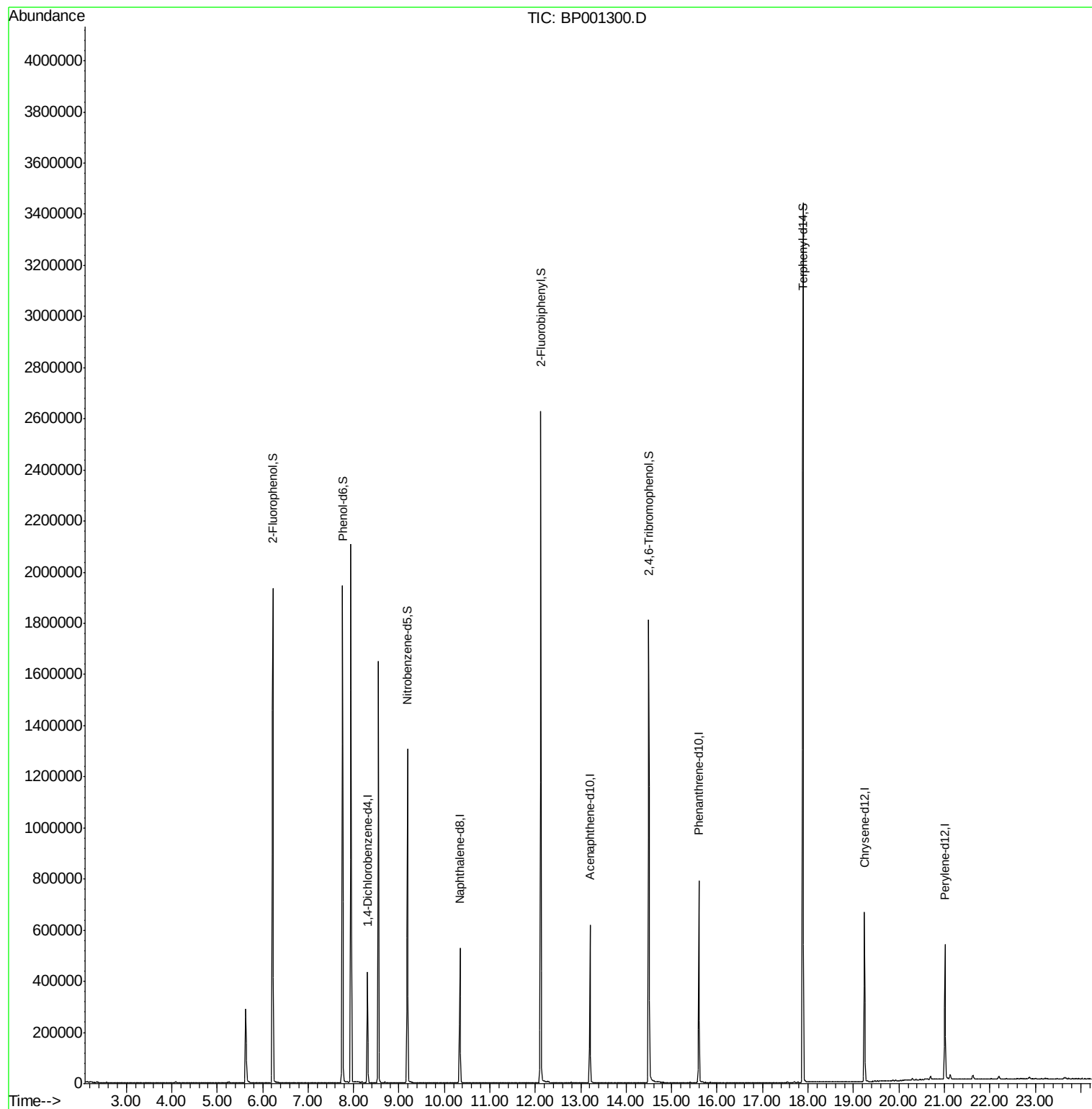
Target Compounds Qvalue

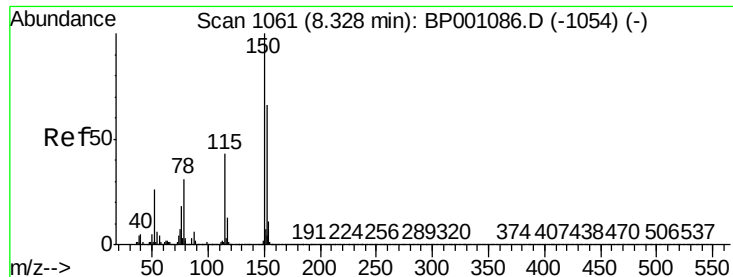
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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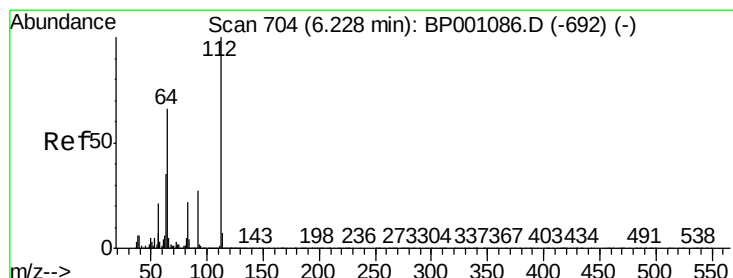
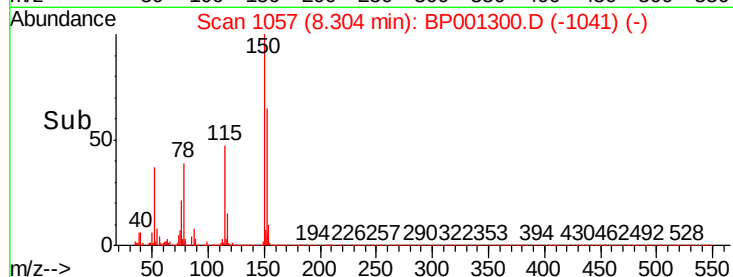
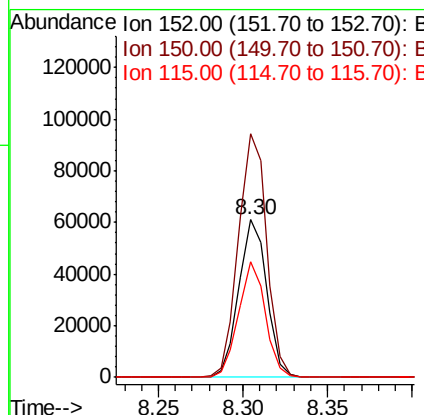
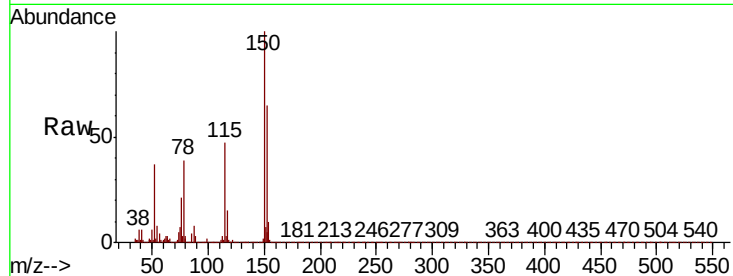




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BP001300.D
 Acq: 10 Dec 2019 17:54

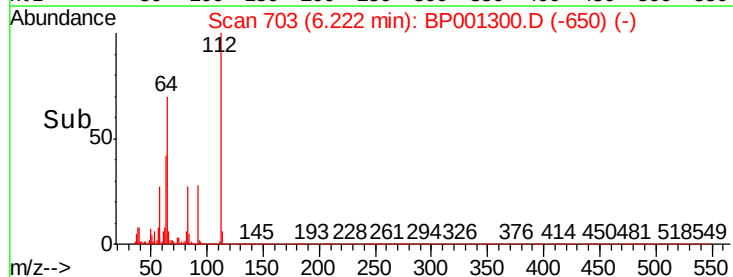
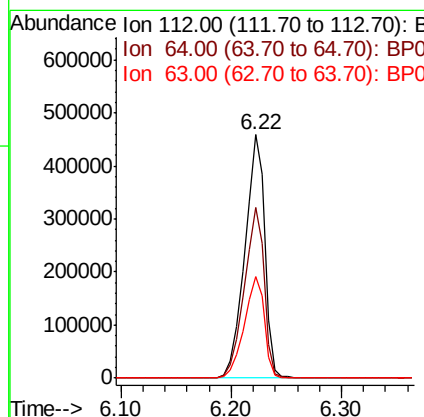
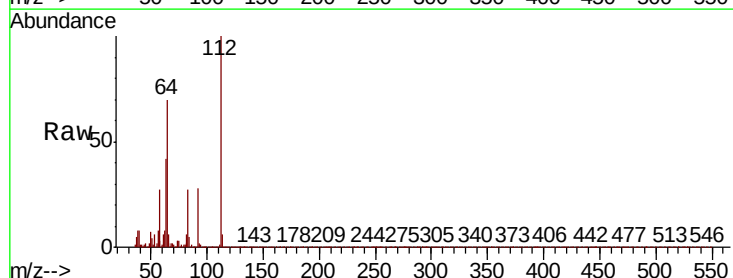
Instrument :
 BNA_P
 ClientSampleId :
 PB125370TB

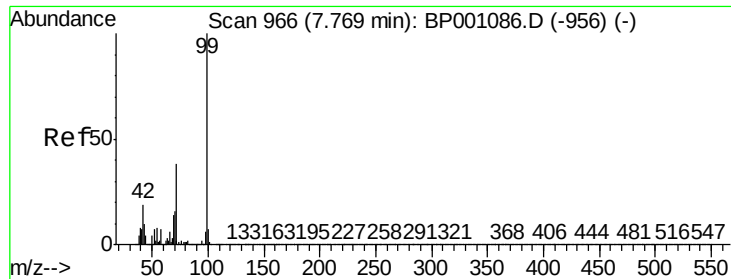
Tot Ion:152 Resp: 70333
 Ion Ratio Lower Upper
 152 100
 150 154.8 127.3 190.9
 115 73.4 56.0 84.0



#5
 2-Fluorophenol
 Concen: 137.169 ng
 RT: 6.22 min Scan# 703
 Delta R.T. 0.01 min
 Lab File: BP001300.D
 Acq: 10 Dec 2019 17:54

Tgt Ion:112 Resp: 581495
 Ion Ratio Lower Upper
 112 100
 64 70.2 56.8 85.2
 63 41.6 32.2 48.2





#7

Phenol-d6

Concen: 138.822 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.00 min

Lab File: BP001300.D

Acq: 10 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

PB125370TB

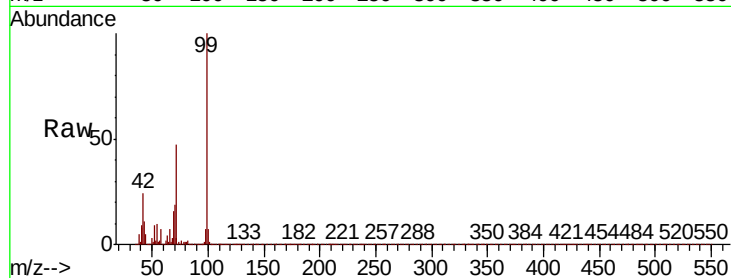
Tot Ion: 99 Resp: 784033

Ion Ratio Lower Upper

99 100

42 23.6 17.6 26.4

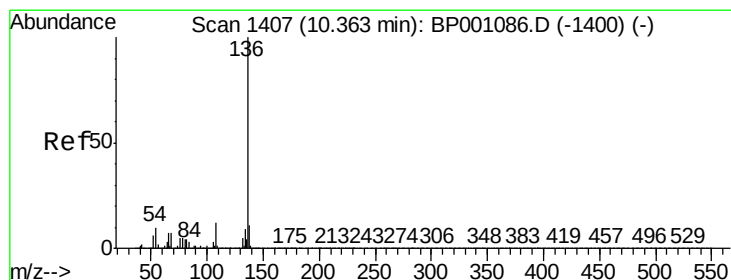
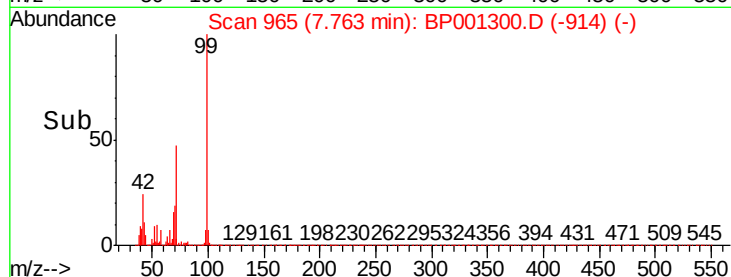
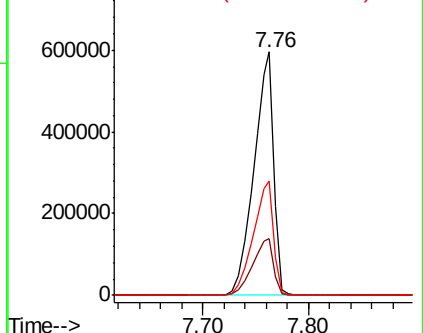
71 46.8 33.8 50.8



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: BP001300.D

Acq: 10 Dec 2019 17:54

Tgt Ion: 136 Resp: 268125

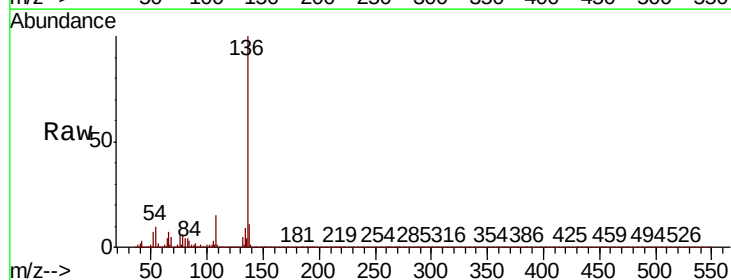
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 10.4 7.4 11.0

68 5.3 4.6 7.0

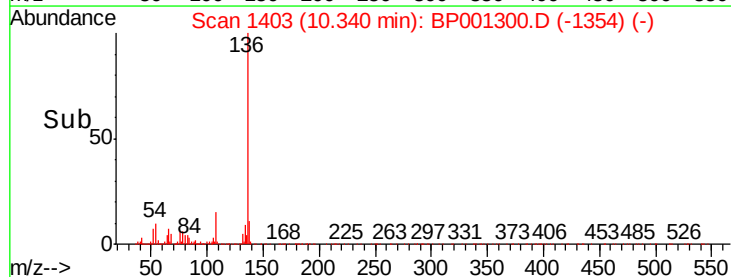
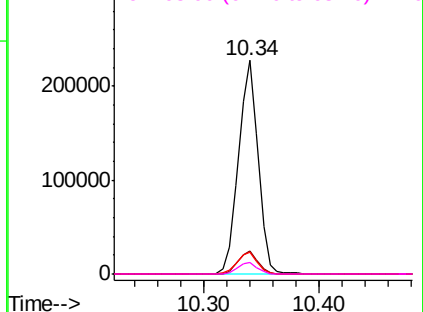


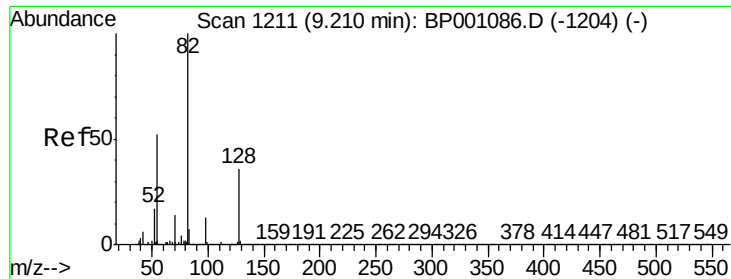
Abundance Ion 136.00 (135.70 to 136.70): E

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

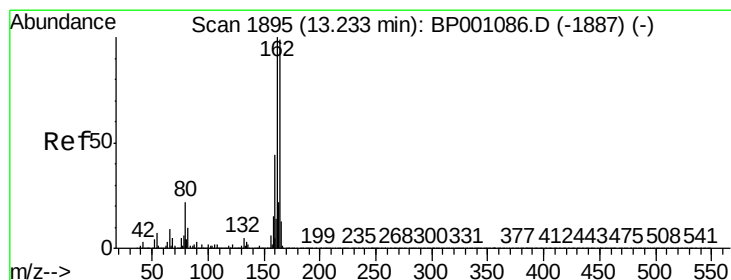
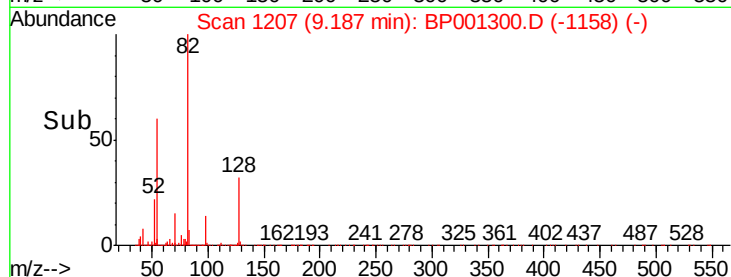
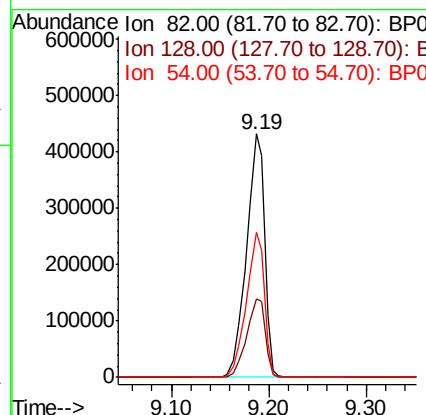
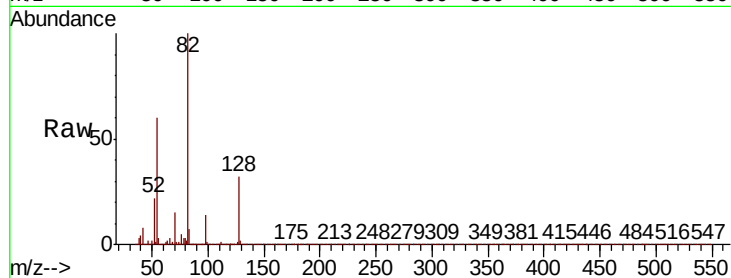




#23
 Nitrobenzene-d5
 Concen: 90.255 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. -0.01 min
 Lab File: BP001300.D
 Acq: 10 Dec 2019 17:54

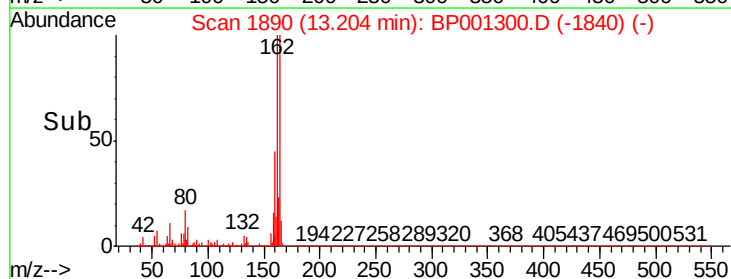
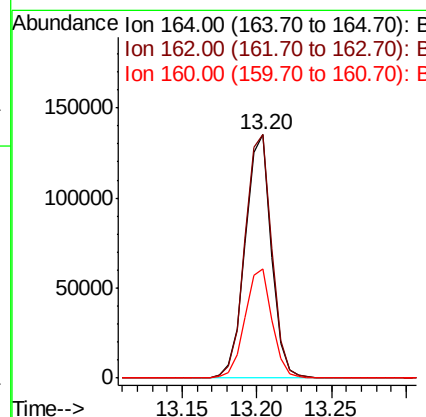
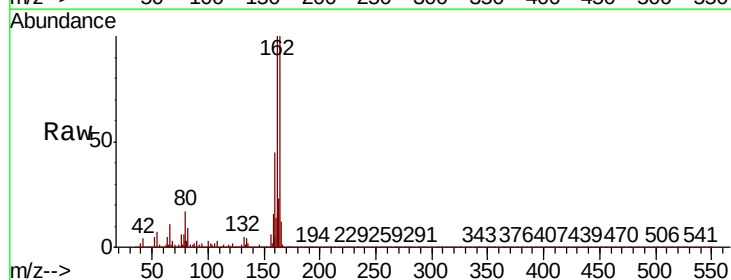
Instrument :
 BNA_P
 ClientSampleId :
 PB125370TB

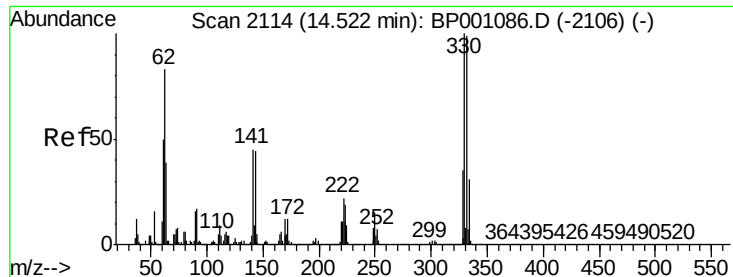
Tot Ion	Ratio	Lower	Upper
82	100		
128	32.3	27.5	41.3
54	59.8	45.7	68.5



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.20 min Scan# 1890
 Delta R.T. -0.01 min
 Lab File: BP001300.D
 Acq: 10 Dec 2019 17:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.9	80.7	121.1
160	44.9	36.3	54.5

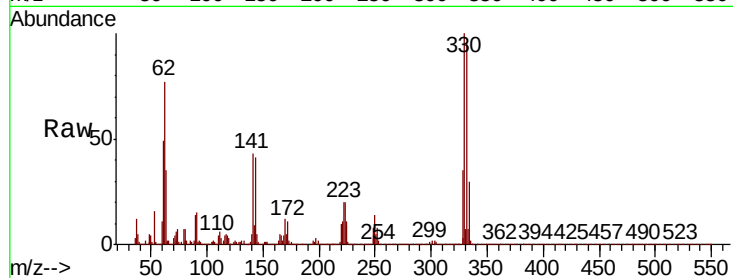




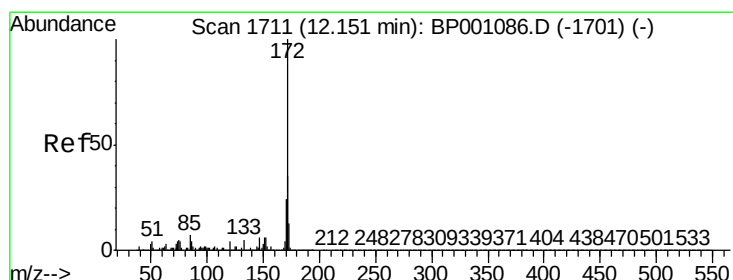
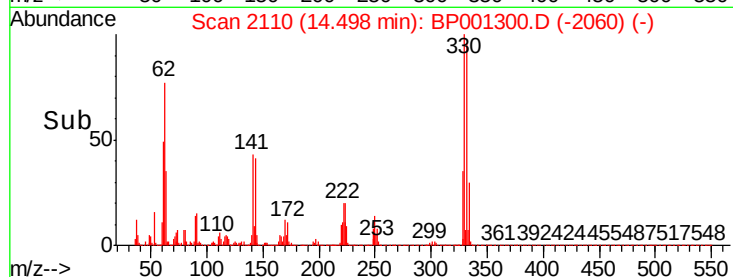
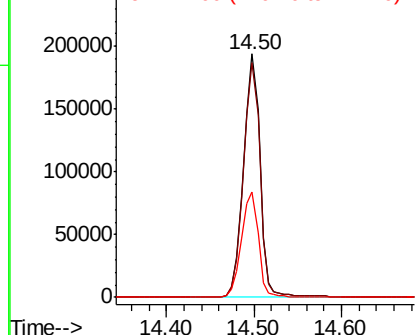
#42
2,4,6-Tribromophenol
Concen: 154.913 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001300.D
Acq: 10 Dec 2019 17:54

Instrument :
BNA_P
ClientSampleId :
PB125370TB

Tot Ion:330 Resp: 245077
Ion Ratio Lower Upper
330 100
332 97.9 79.1 118.7
141 44.8 35.9 53.9

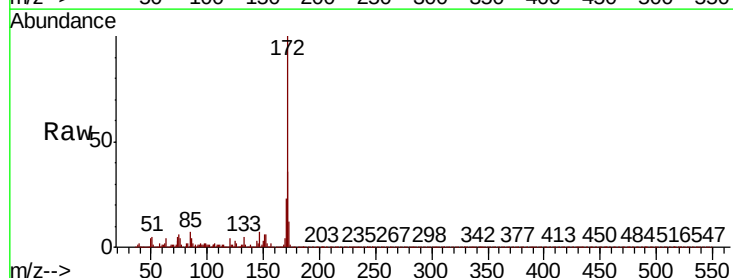


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

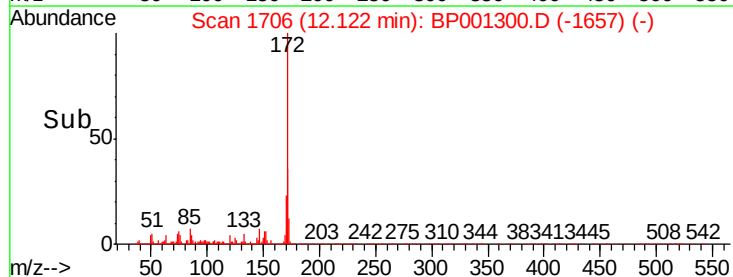
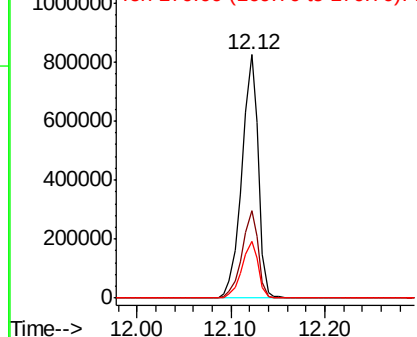


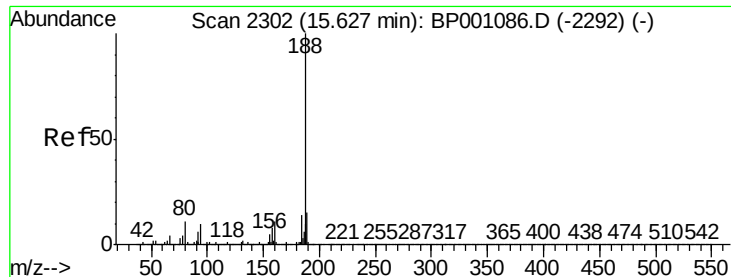
#45
2-Fluorobiphenyl
Concen: 88.979 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001300.D
Acq: 10 Dec 2019 17:54

Tgt Ion:172 Resp: 1003453
Ion Ratio Lower Upper
172 100
171 35.9 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: BP001300.D

Acq: 10 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

PB125370TB

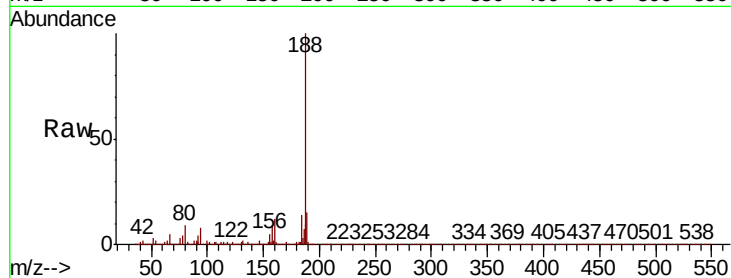
Tot Ion:188 Resp: 343251

Ion Ratio Lower Upper

188 100

94 8.4 7.1 10.7

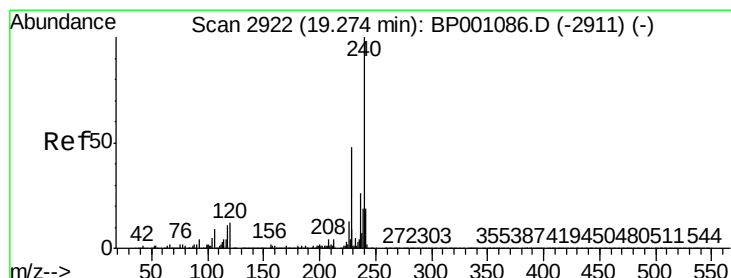
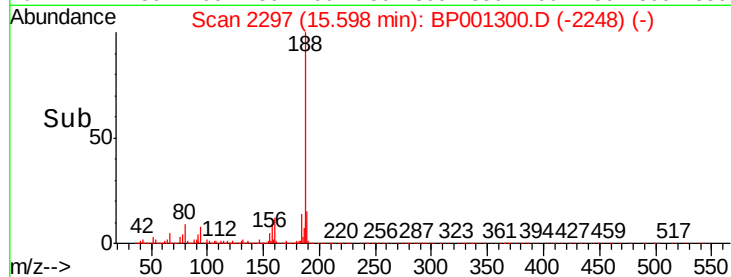
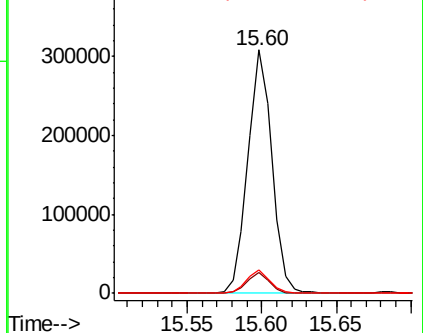
80 9.4 7.8 11.6



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: BP001300.D

Acq: 10 Dec 2019 17:54

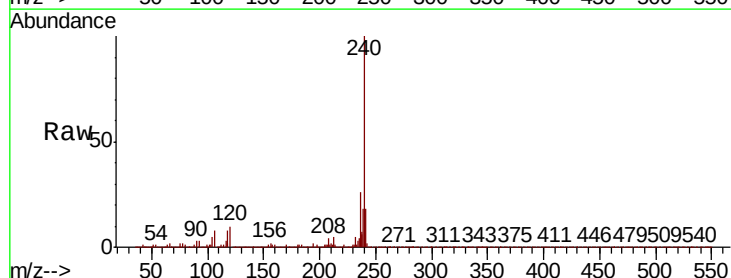
Tgt Ion:240 Resp: 265344

Ion Ratio Lower Upper

240 100

120 9.5 7.0 10.6

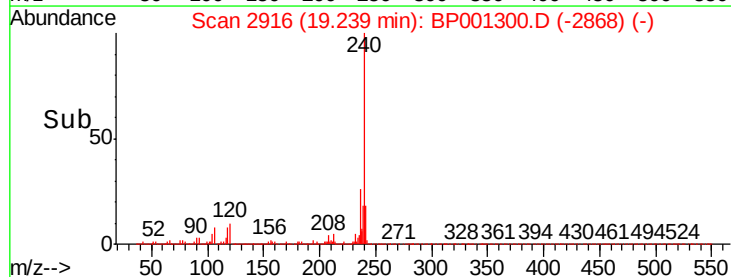
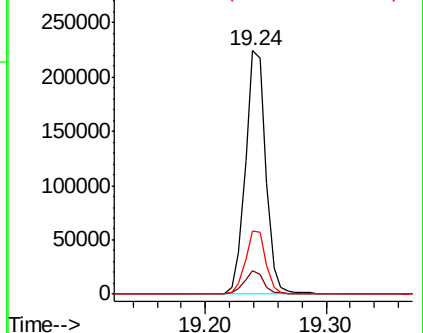
236 26.0 21.7 32.5

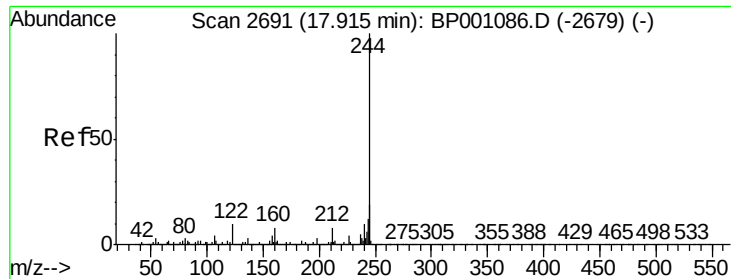


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 94.847 ng

RT: 17.89 min Scan# 2686

Delta R.T. -0.01 min

Lab File: BP001300.D

Acq: 10 Dec 2019 17:54

Instrument :

BNA_P

ClientSampleId :

PB125370TB

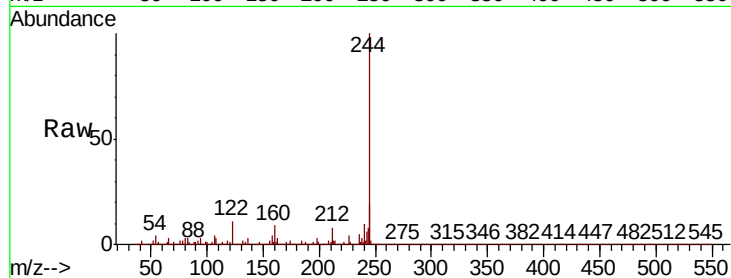
Tot Ion:244 Resp: 1360316

Ion Ratio Lower Upper

244 100

212 8.2 6.6 9.8

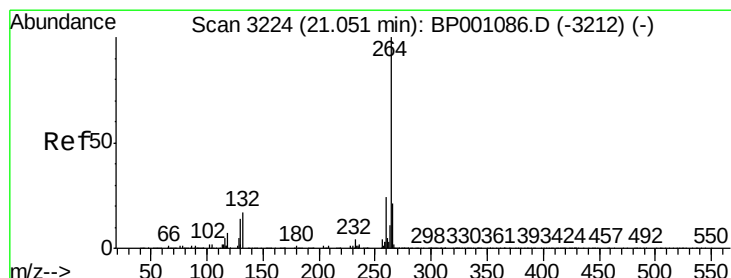
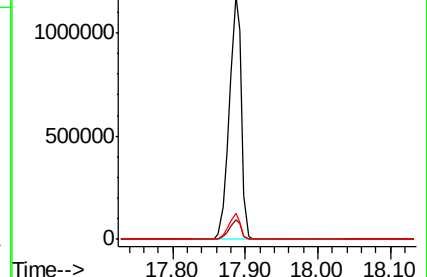
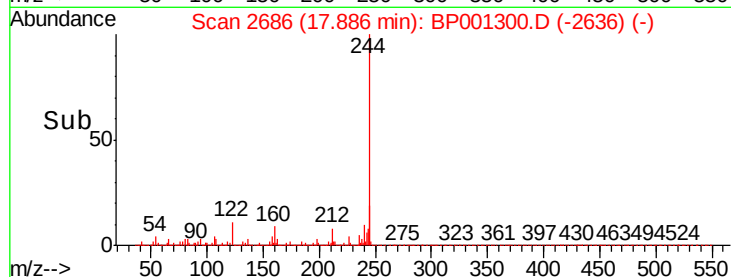
122 10.8 9.2 13.8



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: BP001300.D

Acq: 10 Dec 2019 17:54

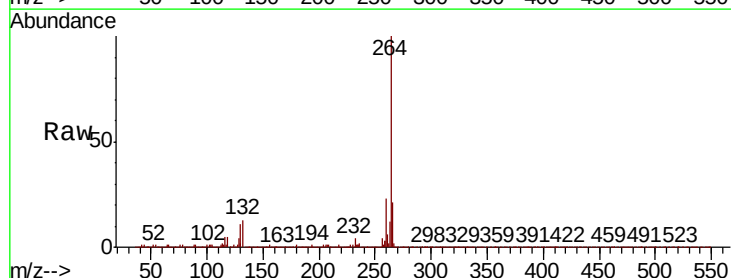
Tgt Ion:264 Resp: 270439

Ion Ratio Lower Upper

264 100

260 23.3 19.4 29.0

265 21.4 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

