

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001189.D
 Acq On : 04 Dec 2019 09:37
 Operator : JU
 Sample : K6014-09
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-05

Quant Time: Dec 04 10:22:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 27 17:38:46 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	131141	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	483676	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	270444	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	511206	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	396884	20.00	ng	-0.02
87) Perylene-d12	21.02	264	415229	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	381098	48.21	ng	-0.01
7) Phenol-d6	7.76	99	735313	69.83	ng	-0.01
23) Nitrobenzene-d5	9.19	82	621205	55.72	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	71640	27.64	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1030237	55.75	ng	-0.02
79) Terphenyl-d14	17.89	244	1219820	56.86	ng	-0.02

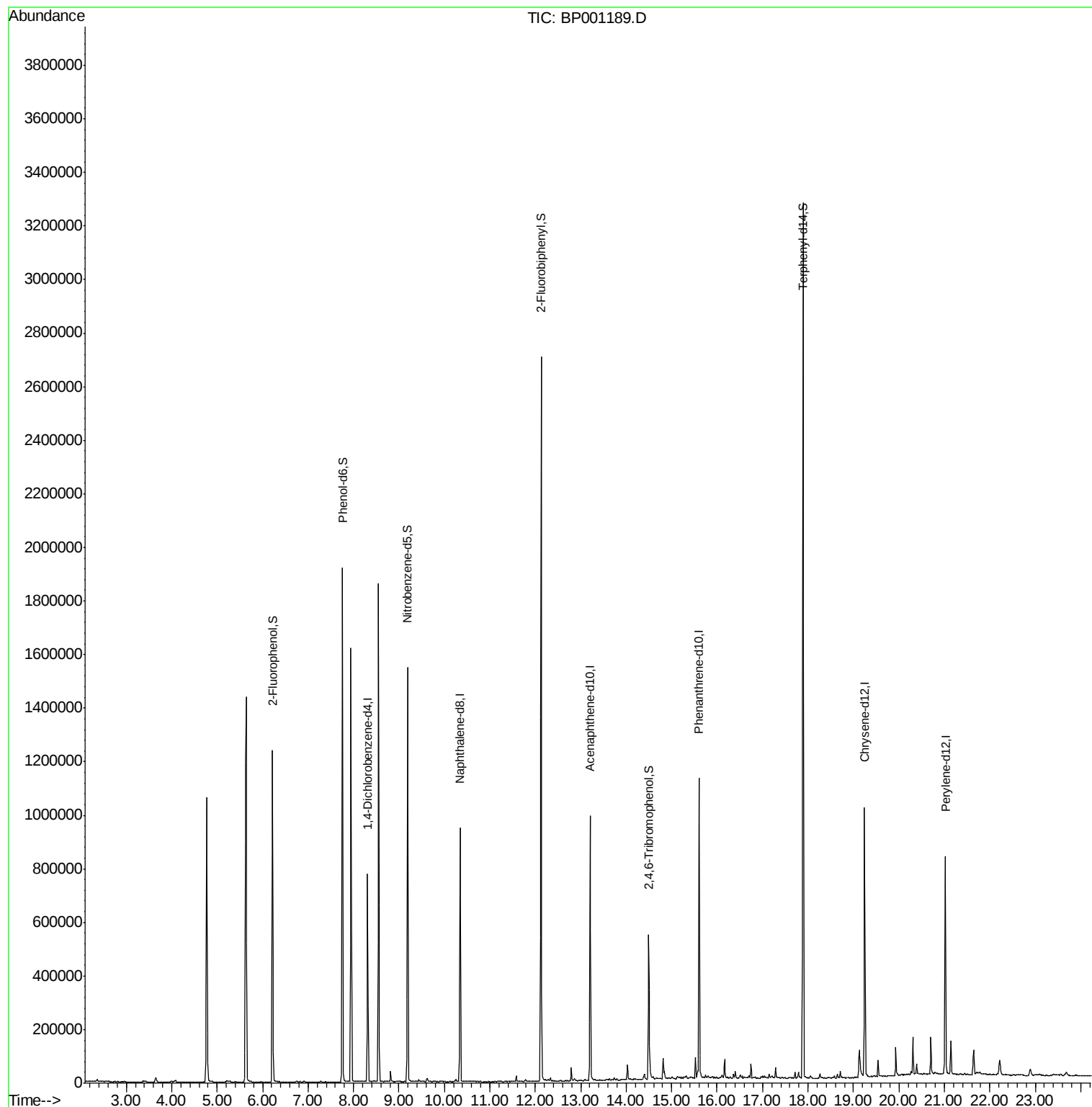
Target Compounds Qvalue

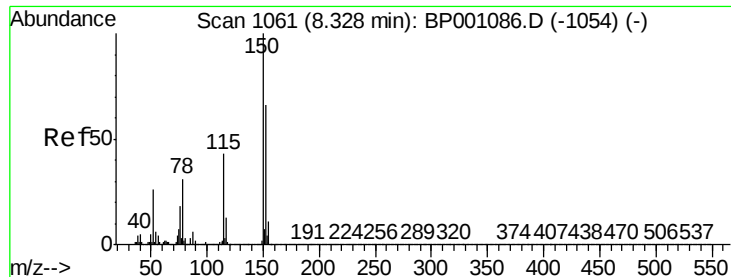
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.31 min Scan# 1058

Delta R.T. -0.02 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

Instrument :

BNA_P

ClientSampleId :

CS-05

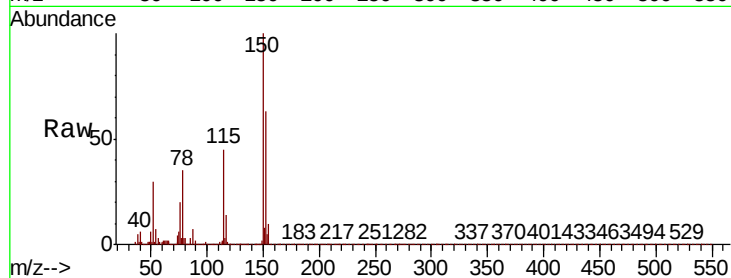
Tot Ion:152 Resp: 131141

Ion Ratio Lower Upper

152 100

150 157.5 120.6 181.0

115 70.1 51.6 77.4

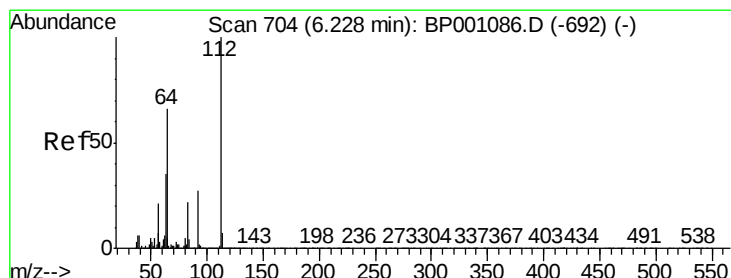
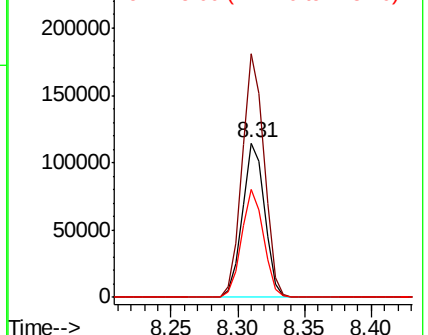
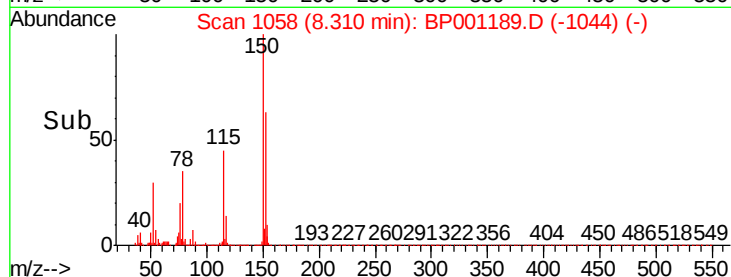


Abundance

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: 48.213 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

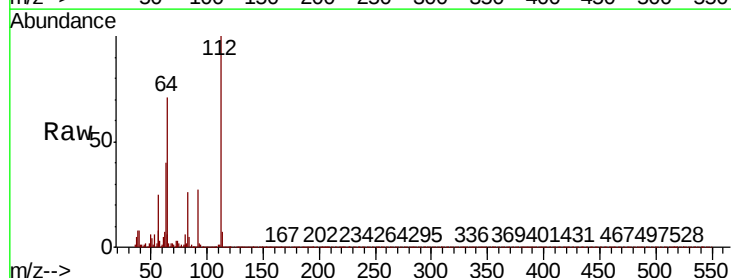
Tgt Ion:112 Resp: 381098

Ion Ratio Lower Upper

112 100

64 71.2 52.8 79.2

63 40.2 28.2 42.2

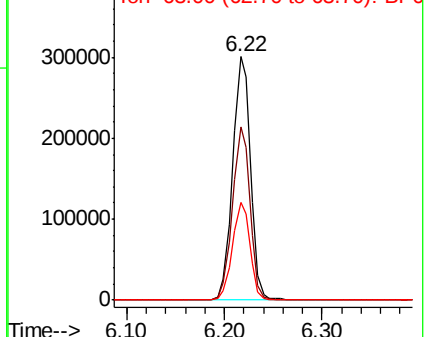
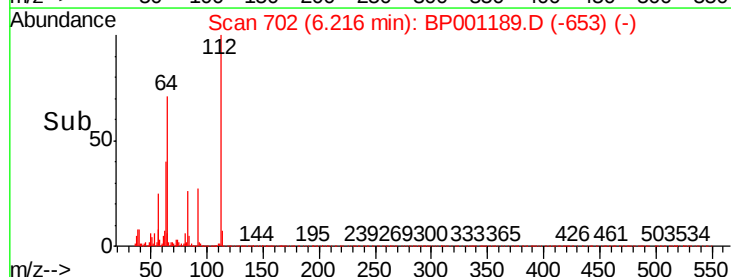


Abundance

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: 69.826 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

Instrument :

BNA_P

ClientSampleId :

CS-05

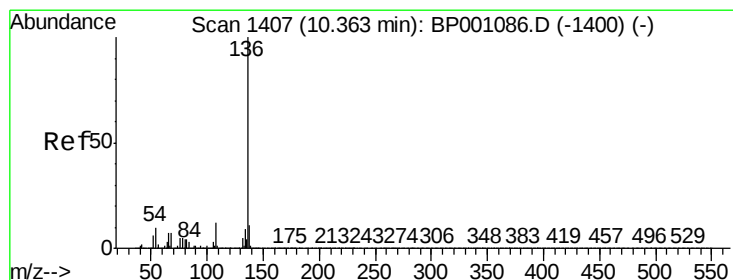
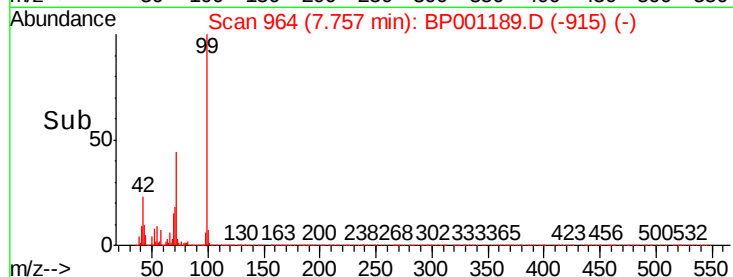
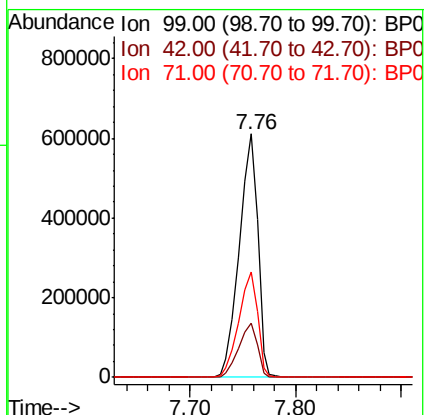
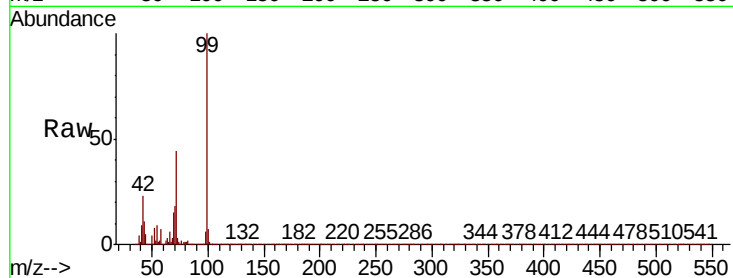
Tot Ion: 99 Resp: 735313

Ion Ratio Lower Upper

99 100

42 22.5 15.4 23.0

71 43.5 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

Tgt Ion: 136 Resp: 483676

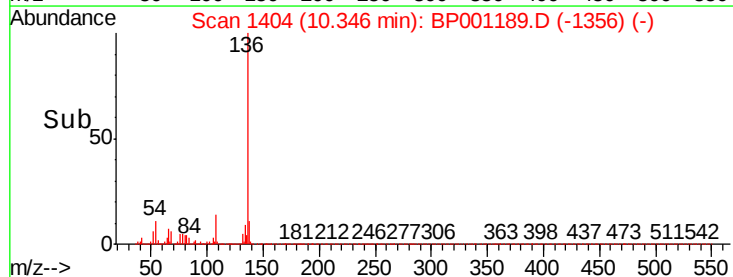
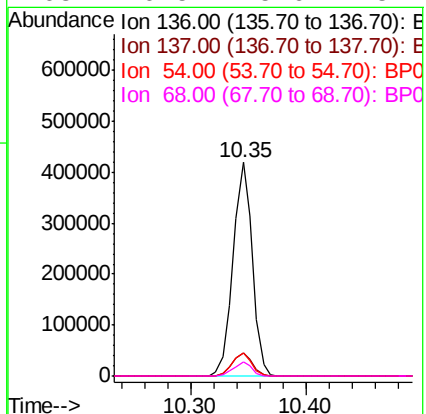
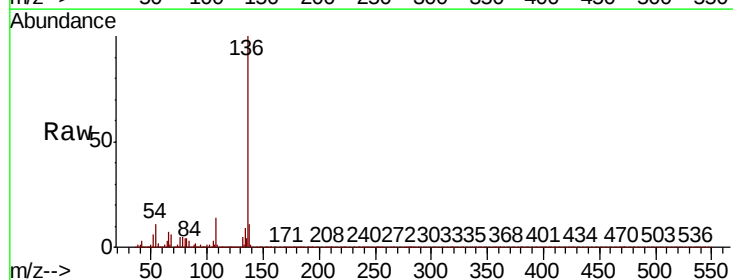
Ion Ratio Lower Upper

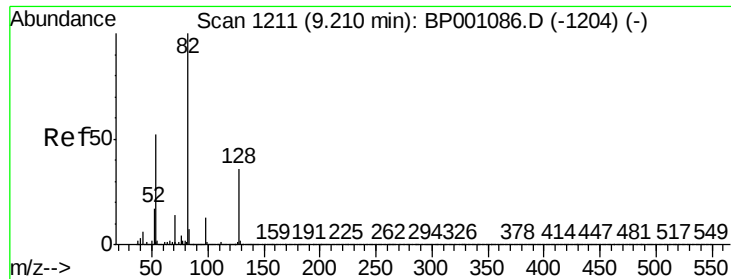
136 100

137 10.7 8.8 13.2

54 10.7 7.9 11.9

68 6.5 5.6 8.4

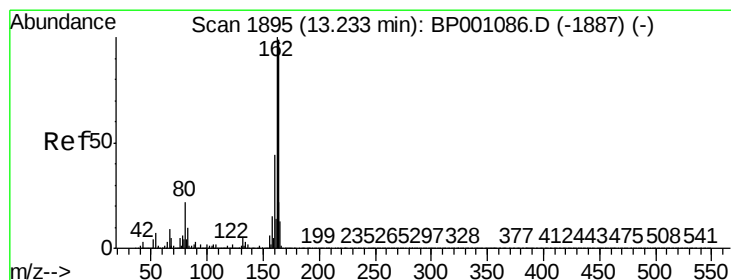
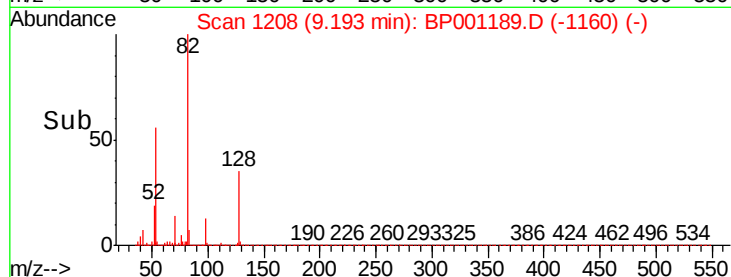
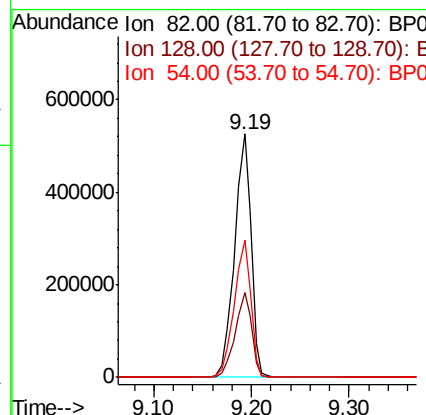
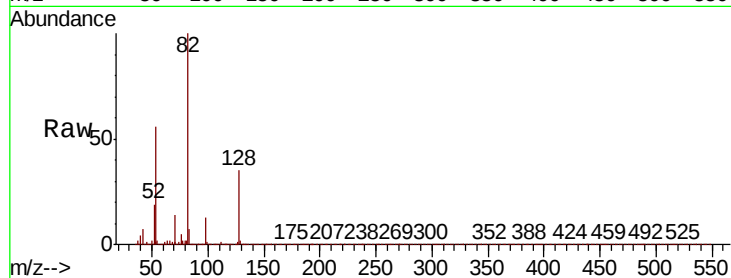




#23
 Nitrobenzene-d5
 Concen: 55.722 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BP001189.D
 Acq: 04 Dec 2019 09:37

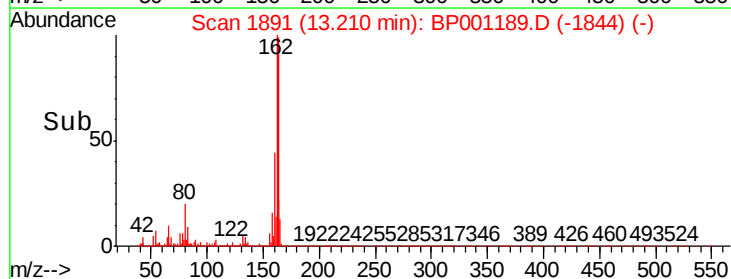
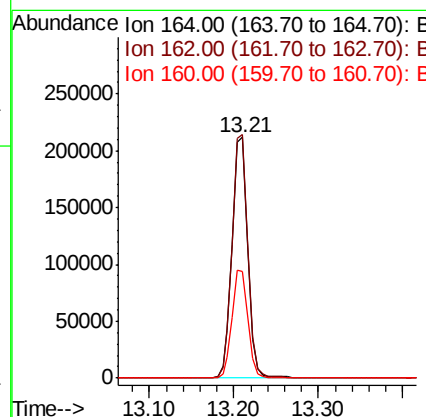
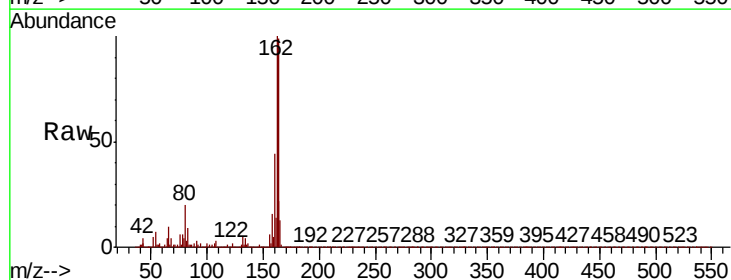
Instrument :
 BNA_P
 ClientSampleId :
 CS-05

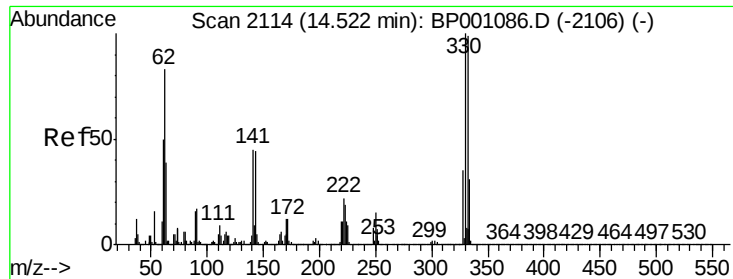
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.7	28.9	43.3
54	56.5	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.02 min
 Lab File: BP001189.D
 Acq: 04 Dec 2019 09:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.2	80.6	120.8
160	44.4	35.4	53.2

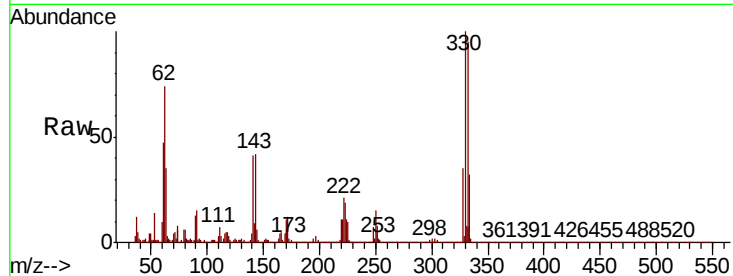




#42
2,4,6-Tribromophenol
Concen: 27.637 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001189.D
Acq: 04 Dec 2019 09:37

Instrument :
BNA_P
ClientSampleId :
CS-05

Tot Ion	Ratio	Lower	Upper
330	100		
332	99.5	77.6	116.4
141	45.9	34.2	51.2

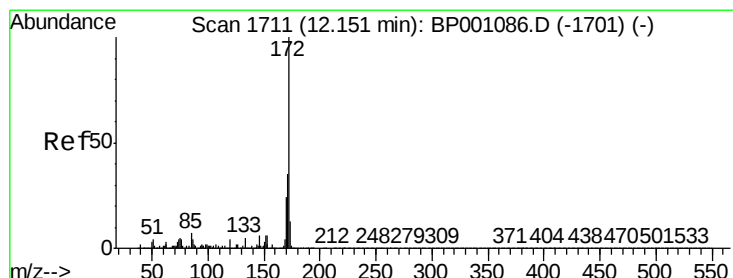
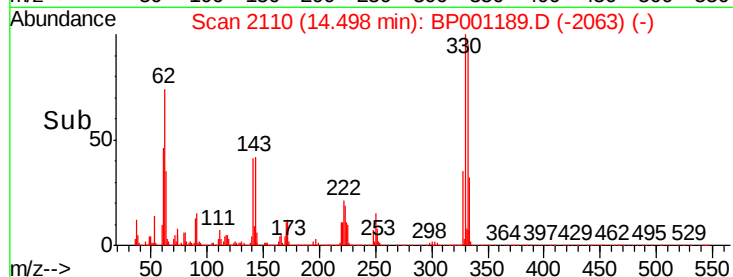
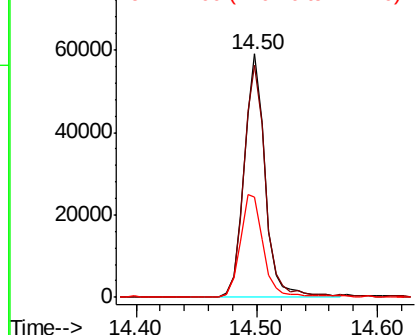


Abundance

Ion 329.80 (329.50 to 330.50): E

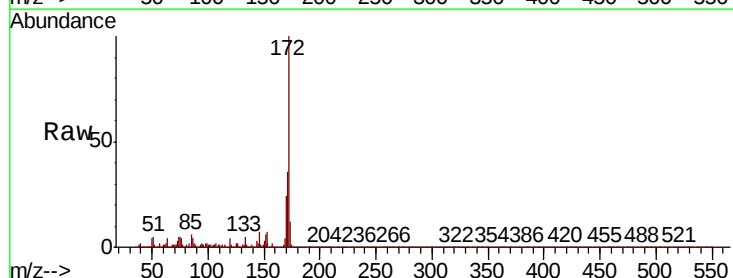
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 55.754 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001189.D
Acq: 04 Dec 2019 09:37

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	24.0	19.0	28.4

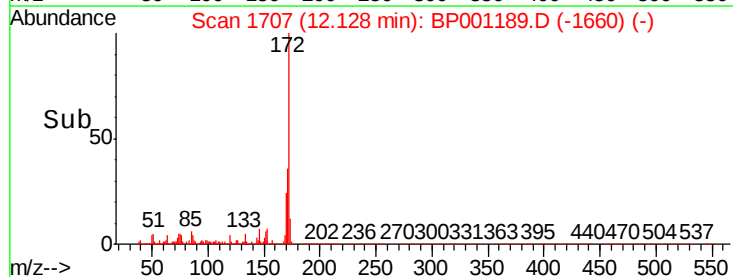
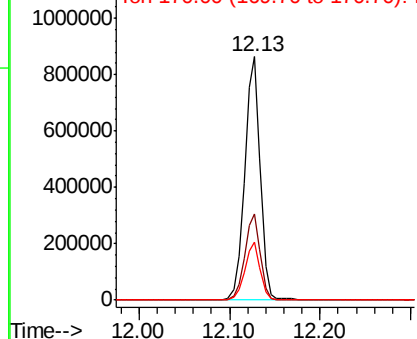


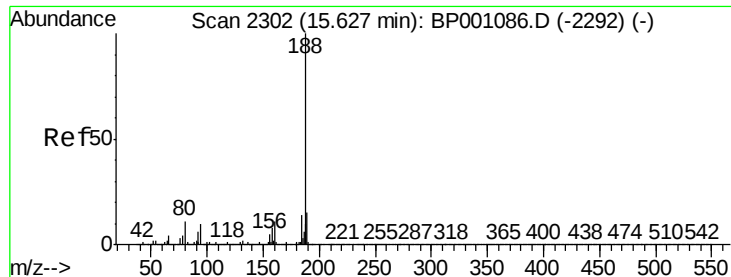
Abundance

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. -0.02 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

Instrument :

BNA_P

ClientSampleId :

CS-05

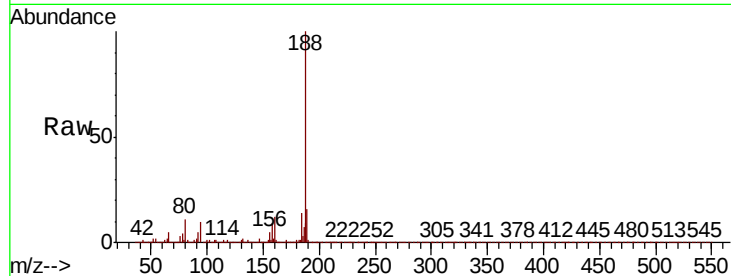
Tot Ion:188 Resp: 511206

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

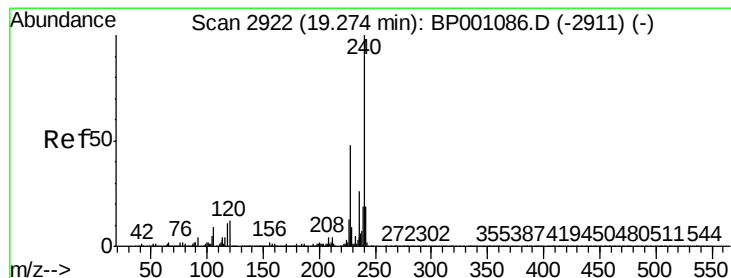
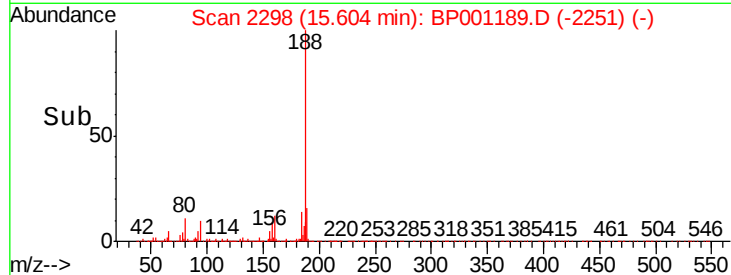
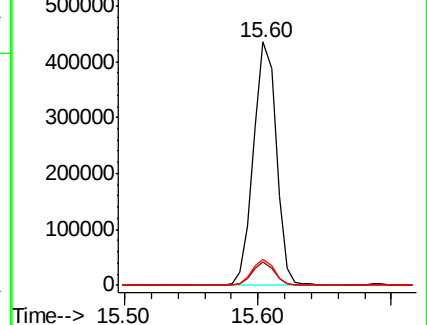
80 10.6 8.8 13.2



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# 2918

Delta R.T. -0.02 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

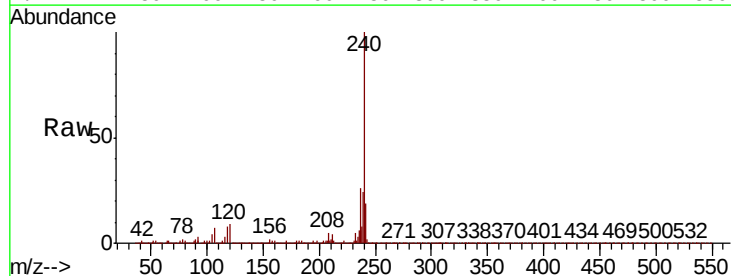
Tgt Ion:240 Resp: 396884

Ion Ratio Lower Upper

240 100

120 9.1 9.5 14.3#

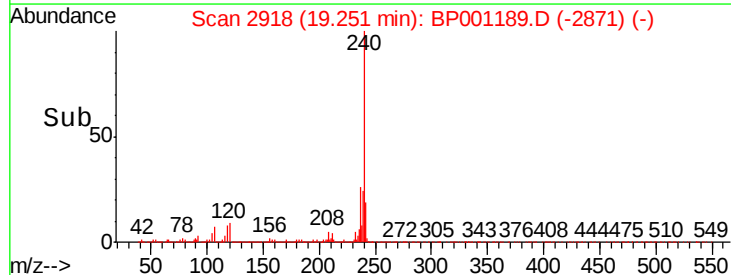
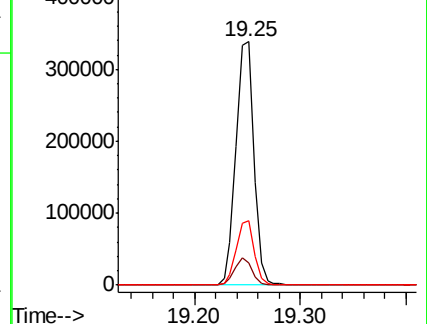
236 26.2 20.4 30.6

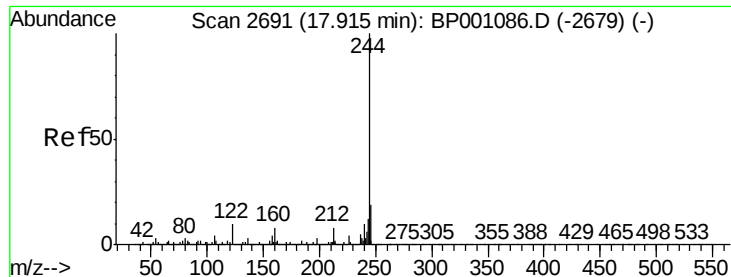


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 56.862 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

Instrument :

BNA_P

ClientSampleId :

CS-05

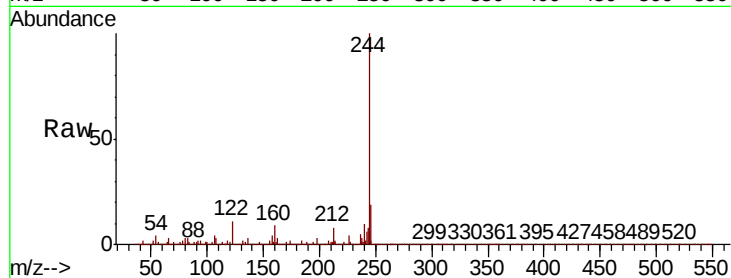
Tot Ion:244 Resp: 1219820

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 10.6 8.2 12.2

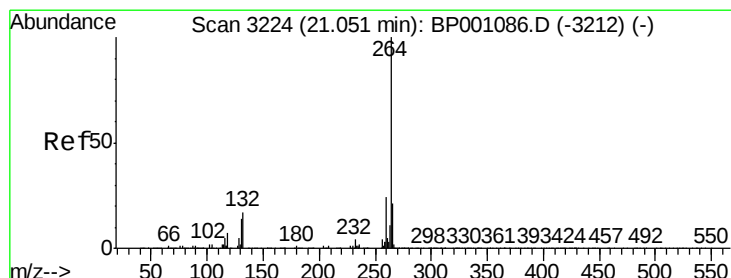
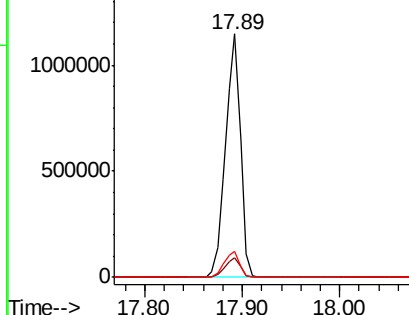
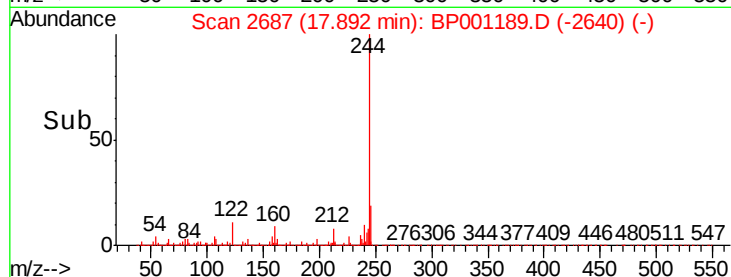


Abundance

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. -0.03 min

Lab File: BP001189.D

Acq: 04 Dec 2019 09:37

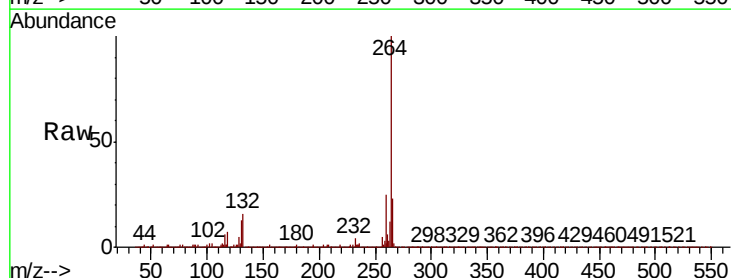
Tgt Ion:264 Resp: 415229

Ion Ratio Lower Upper

264 100

260 24.5 18.8 28.2

265 22.7 16.9 25.3



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

