

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001188.D
 Acq On : 04 Dec 2019 09:07
 Operator : JU
 Sample : K6014-07
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-04

Quant Time: Dec 04 10:21:08 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	136256	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	492020	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	269995	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	496904	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	394343	20.00	ng	-0.02
87) Perylene-d12	21.03	264	420449	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	206077	25.09	ng	-0.01
7) Phenol-d6	7.75	99	586234	53.58	ng	-0.02
23) Nitrobenzene-d5	9.19	82	625711	55.17	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	14287	5.52	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1028623	55.76	ng	-0.02
79) Terphenyl-d14	17.89	244	1137783	53.38	ng	-0.02

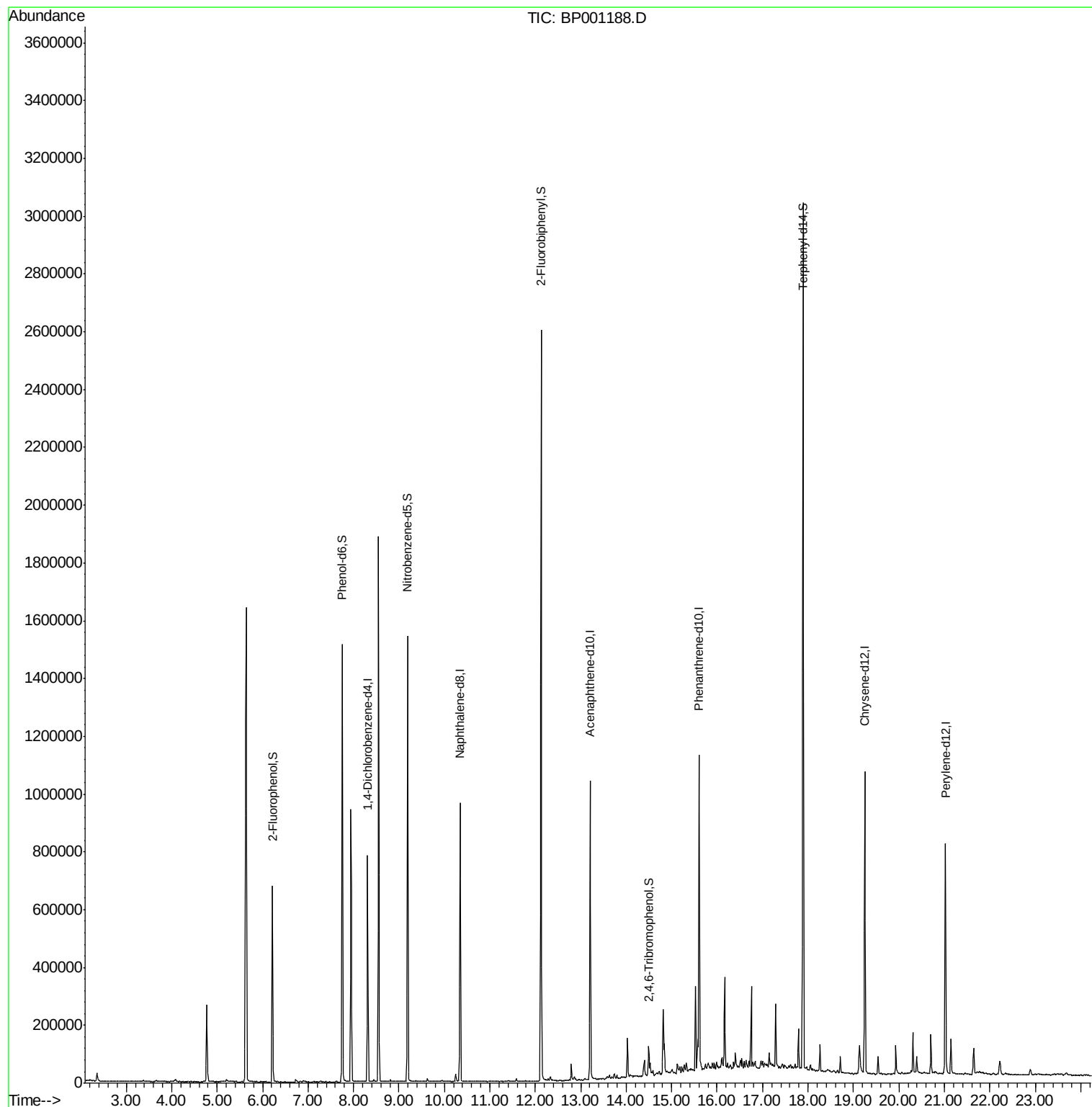
Target Compounds Qvalue

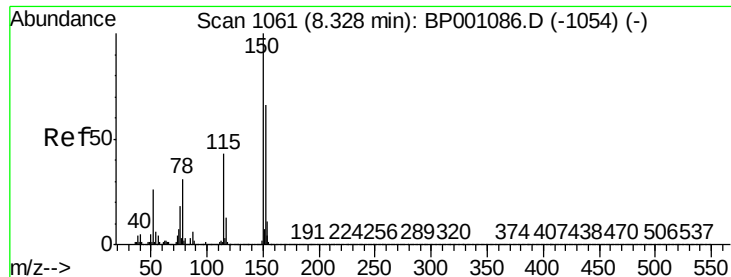
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
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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: BP001188.D

Acq: 04 Dec 2019 09:07

Instrument :

BNA_P

ClientSampleId :

CS-04

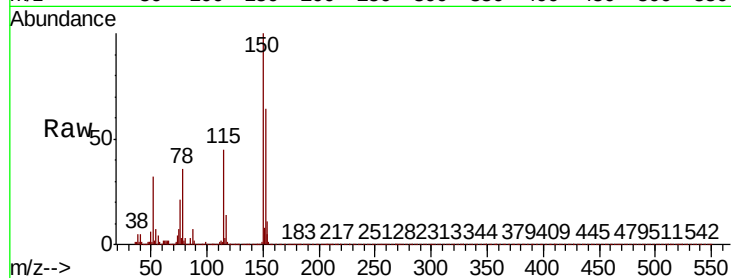
Tot Ion:152 Resp: 136256

Ion Ratio Lower Upper

152 100

150 156.9 120.6 181.0

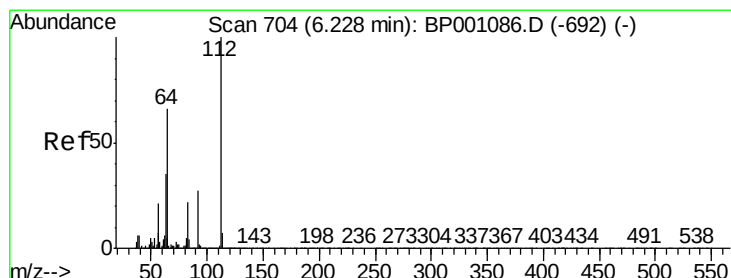
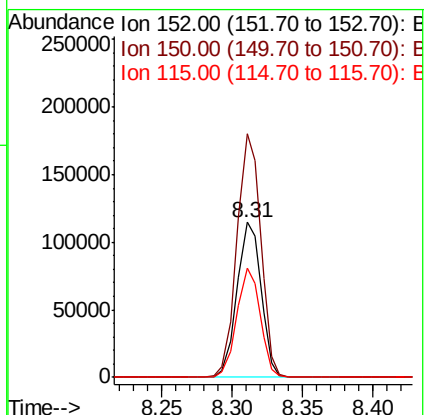
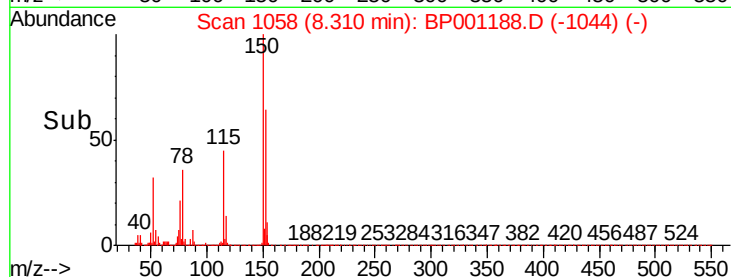
115 70.1 51.6 77.4



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: 25.092 ng

RT: 6.22 min Scan# 702

Delta R.T. -0.01 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

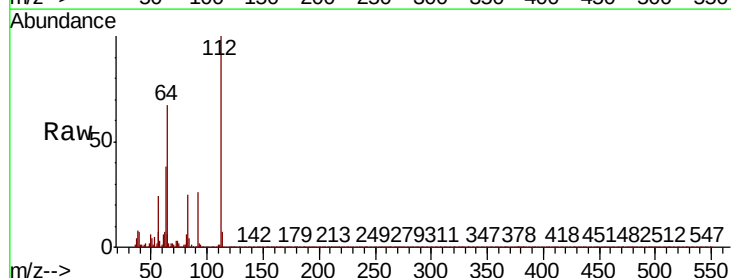
Tgt Ion:112 Resp: 206077

Ion Ratio Lower Upper

112 100

64 67.3 52.8 79.2

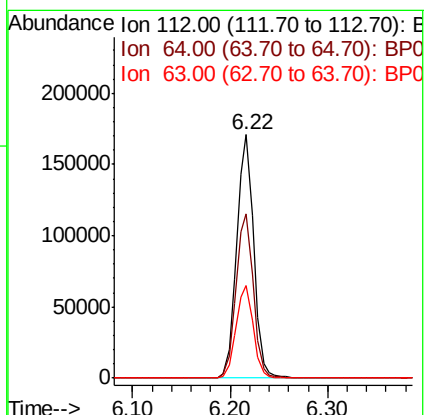
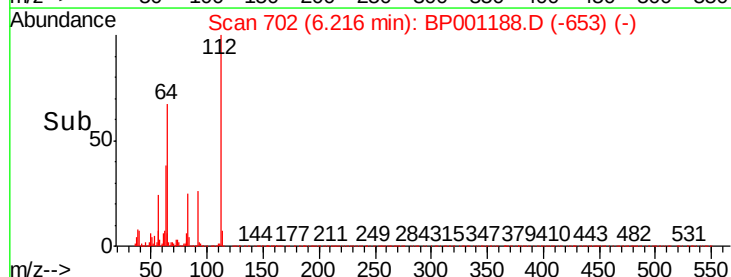
63 38.2 28.2 42.2

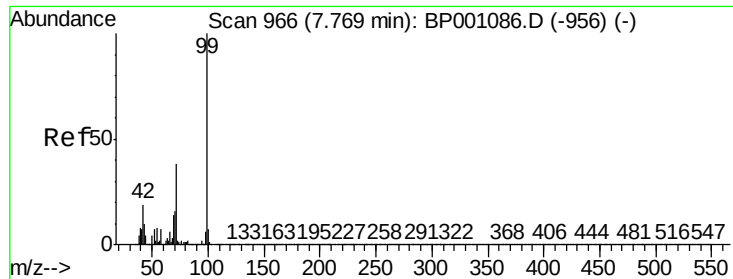


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 53.579 ng

RT: 7.75 min Scan# 963

Delta R.T. -0.02 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

Instrument :

BNA_P

ClientSampleId :

CS-04

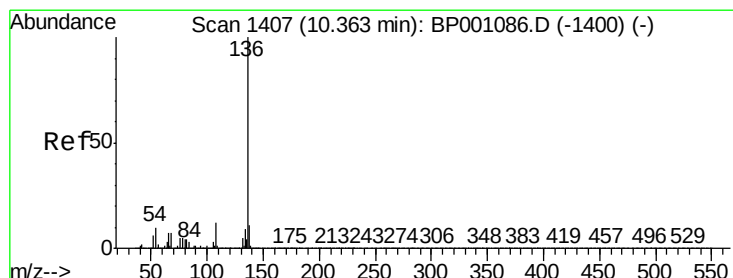
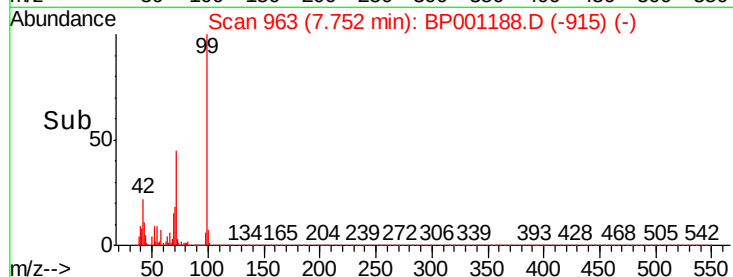
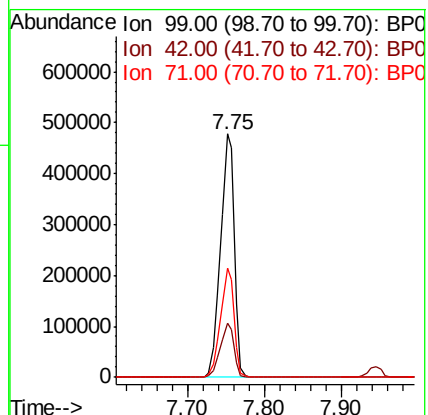
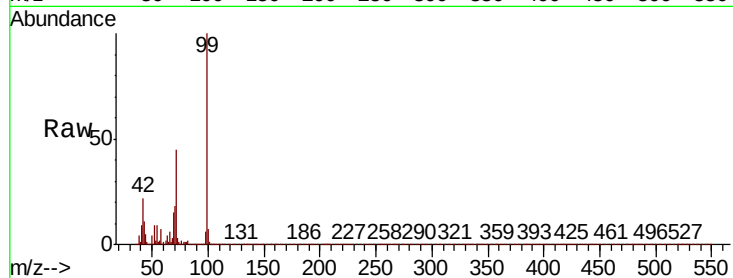
Tot Ion: 99 Resp: 586234

Ion Ratio Lower Upper

99 100

42 22.2 15.4 23.0

71 44.7 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: BP001188.D

Acq: 04 Dec 2019 09:07

Tgt Ion: 136 Resp: 492020

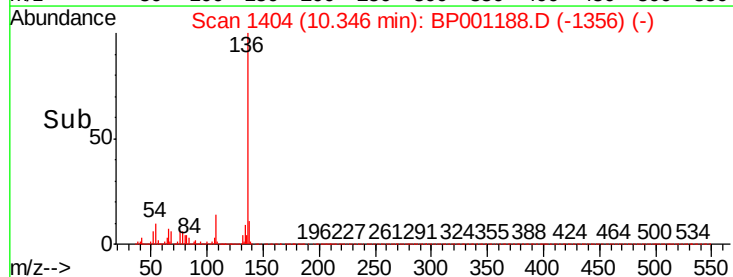
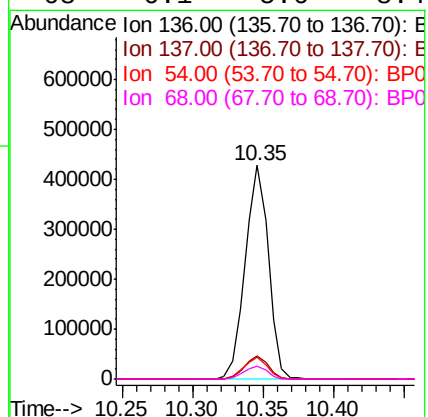
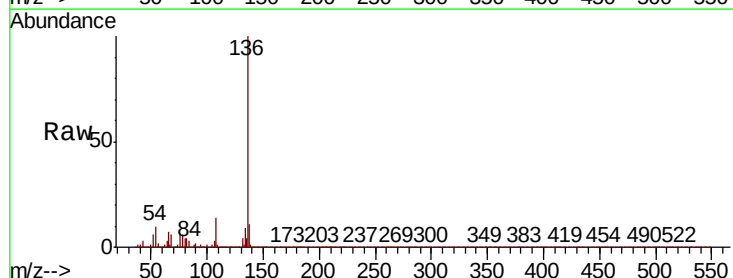
Ion Ratio Lower Upper

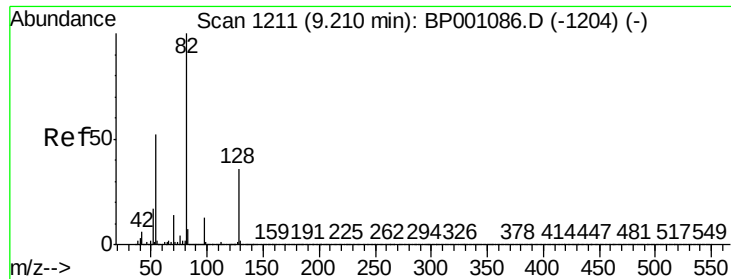
136 100

137 11.0 8.8 13.2

54 9.9 7.9 11.9

68 6.1 5.6 8.4

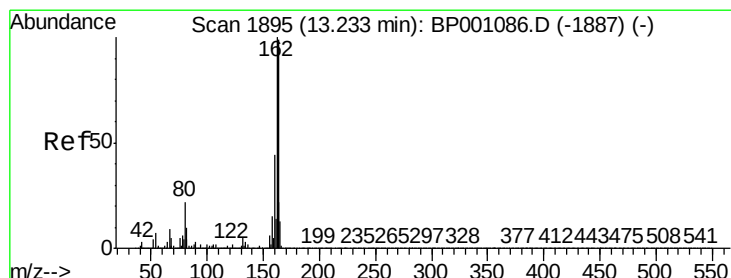
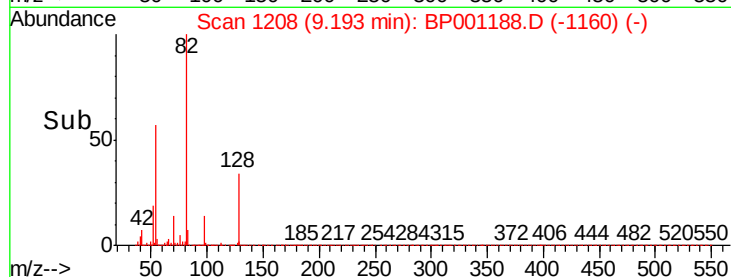
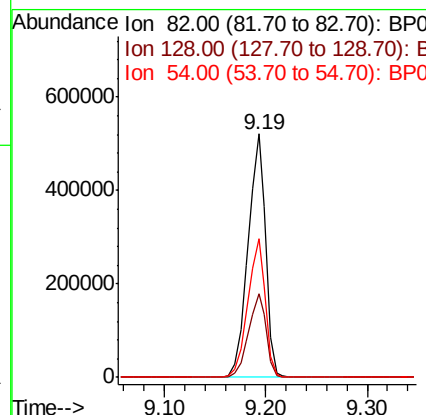
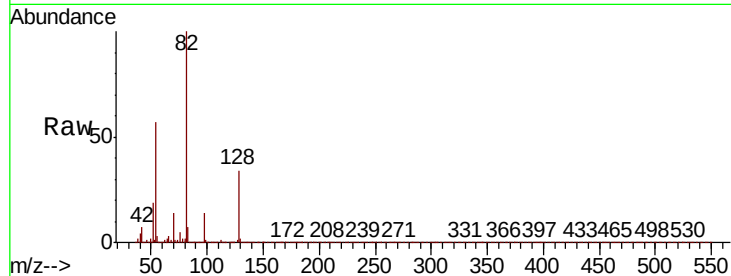




#23
 Nitrobenzene-d5
 Concen: 55.175 ng
 RT: 9.19 min Scan# 1208
 Delta R.T. -0.02 min
 Lab File: BP001188.D
 Acq: 04 Dec 2019 09:07

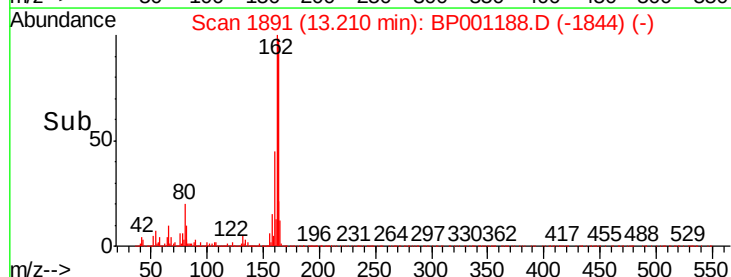
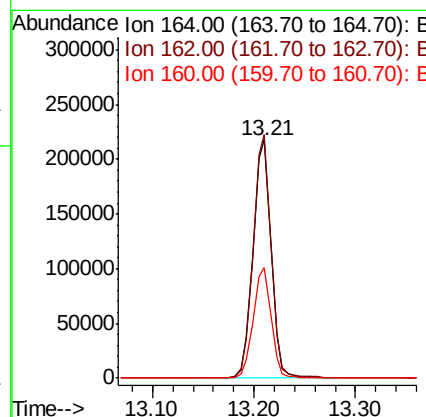
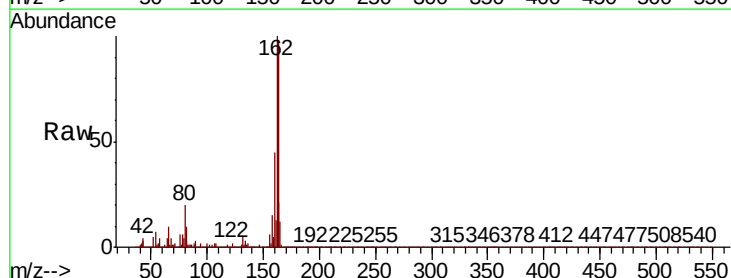
Instrument :
 BNA_P
 ClientSampleId :
 CS-04

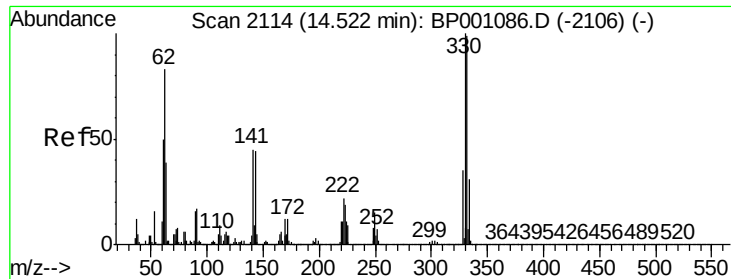
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	28.9	43.3
54	57.0	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.21 min Scan# 1891
 Delta R.T. -0.02 min
 Lab File: BP001188.D
 Acq: 04 Dec 2019 09:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.1	80.6	120.8
160	46.4	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 5.521 ng

RT: 14.50 min Scan# 2110

Delta R.T. -0.02 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

Instrument :

BNA_P

ClientSampleId :

CS-04

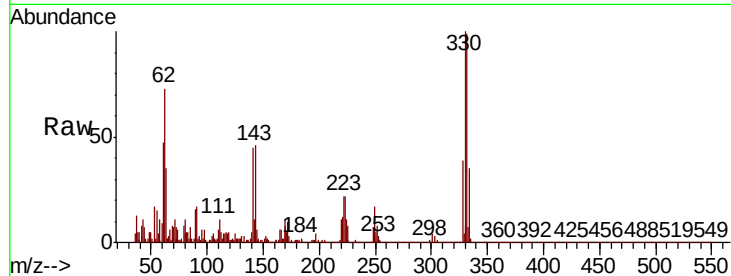
Tot Ion:330 Resp: 14287

Ion Ratio Lower Upper

330 100

332 98.0 77.6 116.4

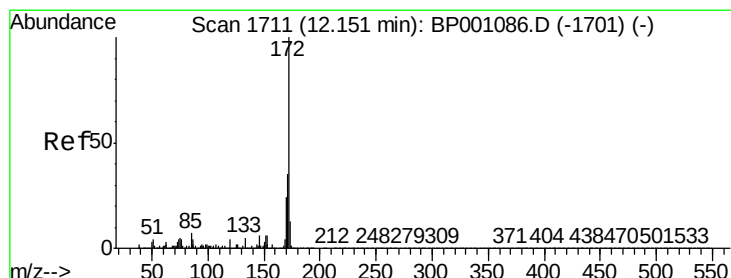
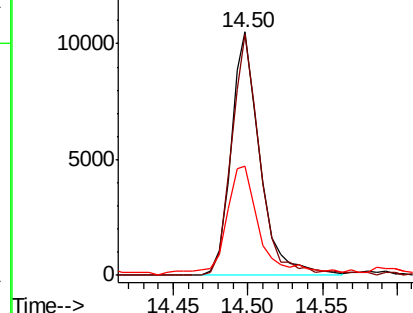
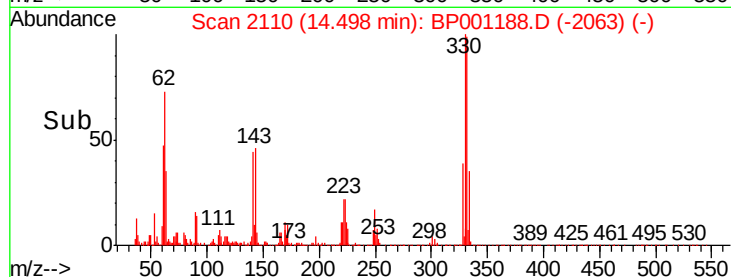
141 52.3 34.2 51.2#



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: 55.759 ng

RT: 12.13 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

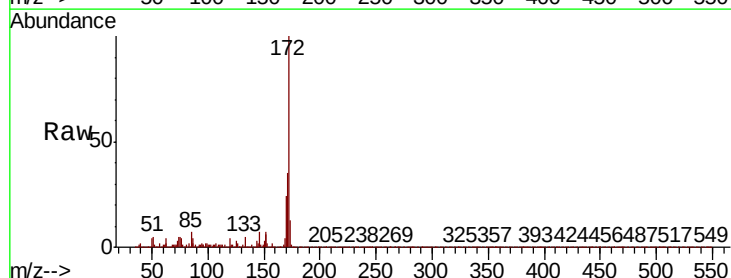
Tgt Ion:172 Resp: 1028623

Ion Ratio Lower Upper

172 100

171 35.1 27.9 41.9

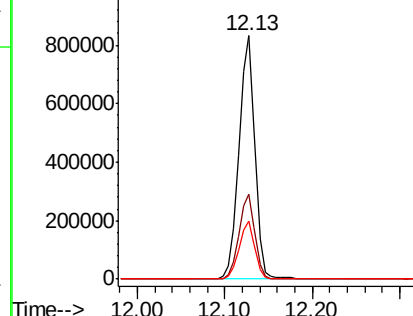
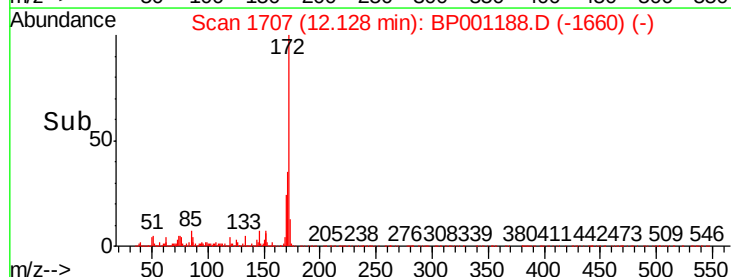
170 23.6 19.0 28.4

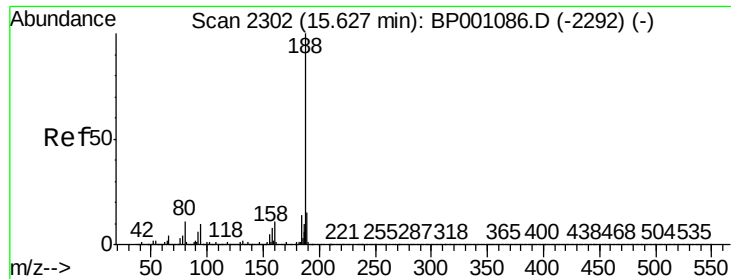


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

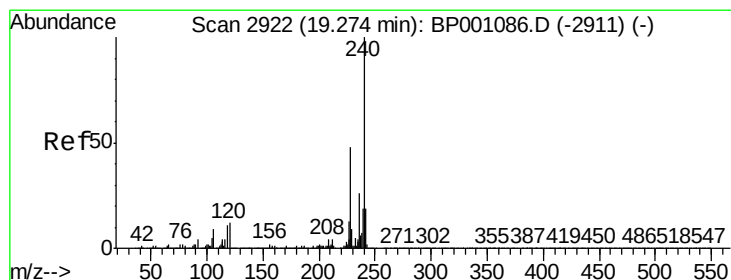
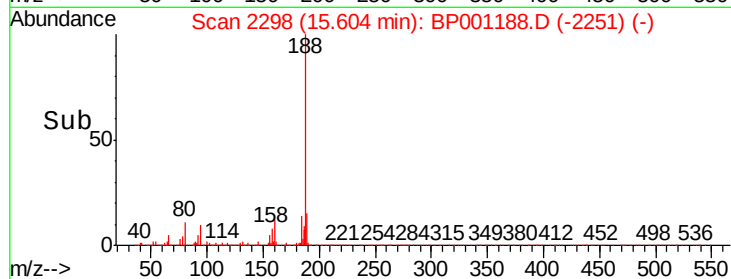
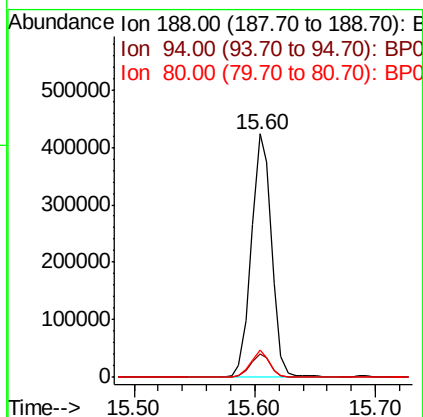
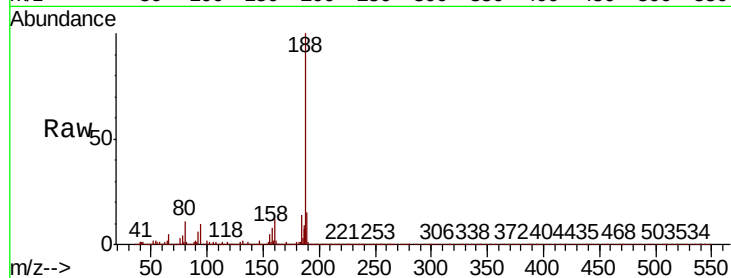




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

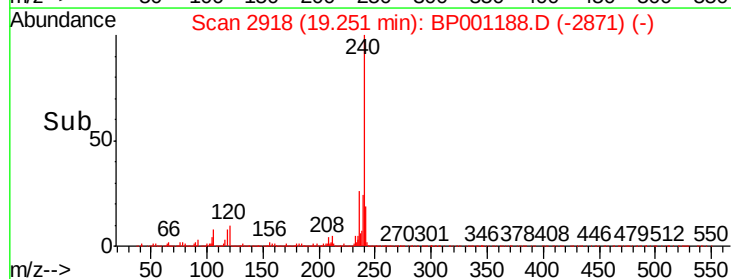
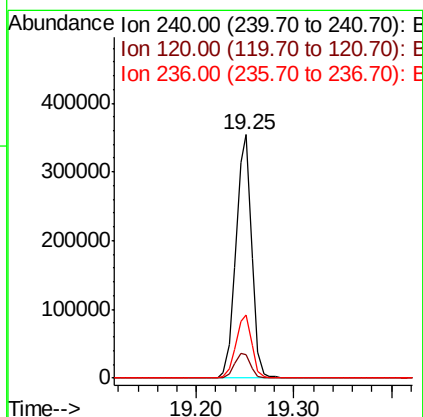
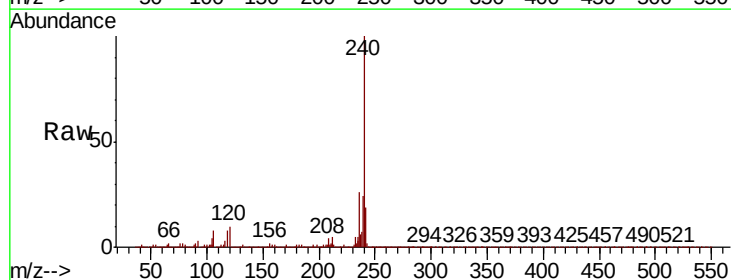
Instrument :
BNA_P
ClientSampled :
CS-04

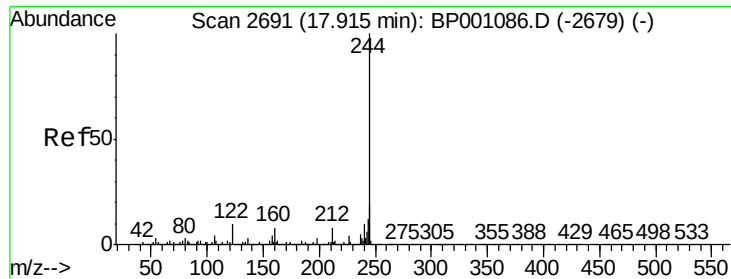
Tot Ion:188 Resp: 496904
Ion Ratio Lower Upper
188 100
94 9.8 7.9 11.9
80 11.1 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001188.D
Acq: 04 Dec 2019 09:07

Tgt Ion:240 Resp: 394343
Ion Ratio Lower Upper
240 100
120 9.6 9.5 14.3
236 25.8 20.4 30.6





#79

Terphenyl-d14

Concen: 53.380 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

Instrument :

BNA_P

ClientSampled :

CS-04

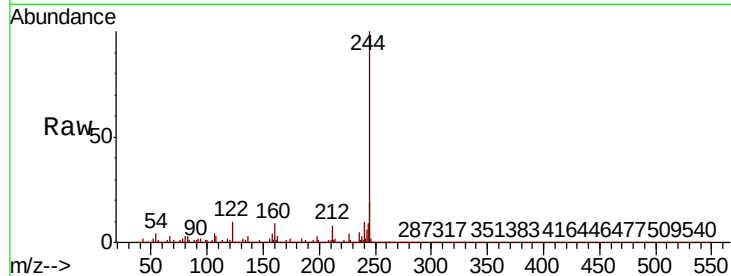
Tot Ion:244 Resp: 1137783

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

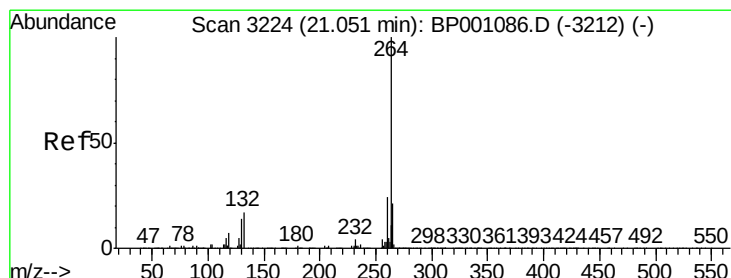
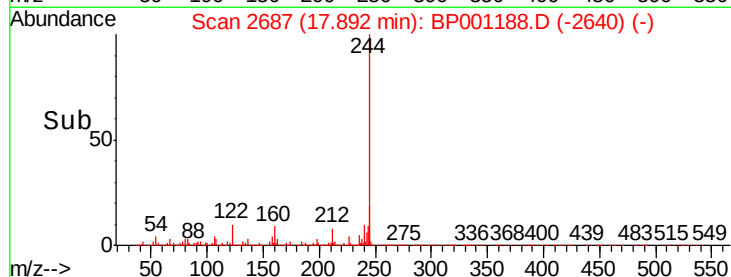
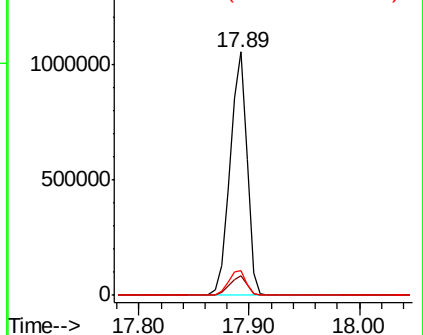
122 10.0 8.2 12.2



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: 21.03 min Scan# 3220

Delta R.T. -0.02 min

Lab File: BP001188.D

Acq: 04 Dec 2019 09:07

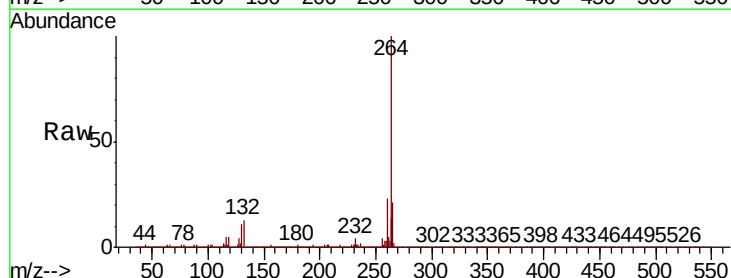
Tgt Ion:264 Resp: 420449

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.2 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

