

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001193.D
 Acq On : 04 Dec 2019 11:35
 Operator : JU
 Sample : K6014-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-07

Quant Time: Dec 04 12:13:24 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	129485	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	474029	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	270784	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	515972	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	400671	20.00	ng	-0.02
87) Perylene-d12	21.03	264	418859	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	570684	73.12	ng	0.00
7) Phenol-d6	7.76	99	837204	80.52	ng	-0.01
23) Nitrobenzene-d5	9.19	82	588716	53.88	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	180094	69.39	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	991927	53.61	ng	-0.02
79) Terphenyl-d14	17.89	244	1182013	54.58	ng	-0.02

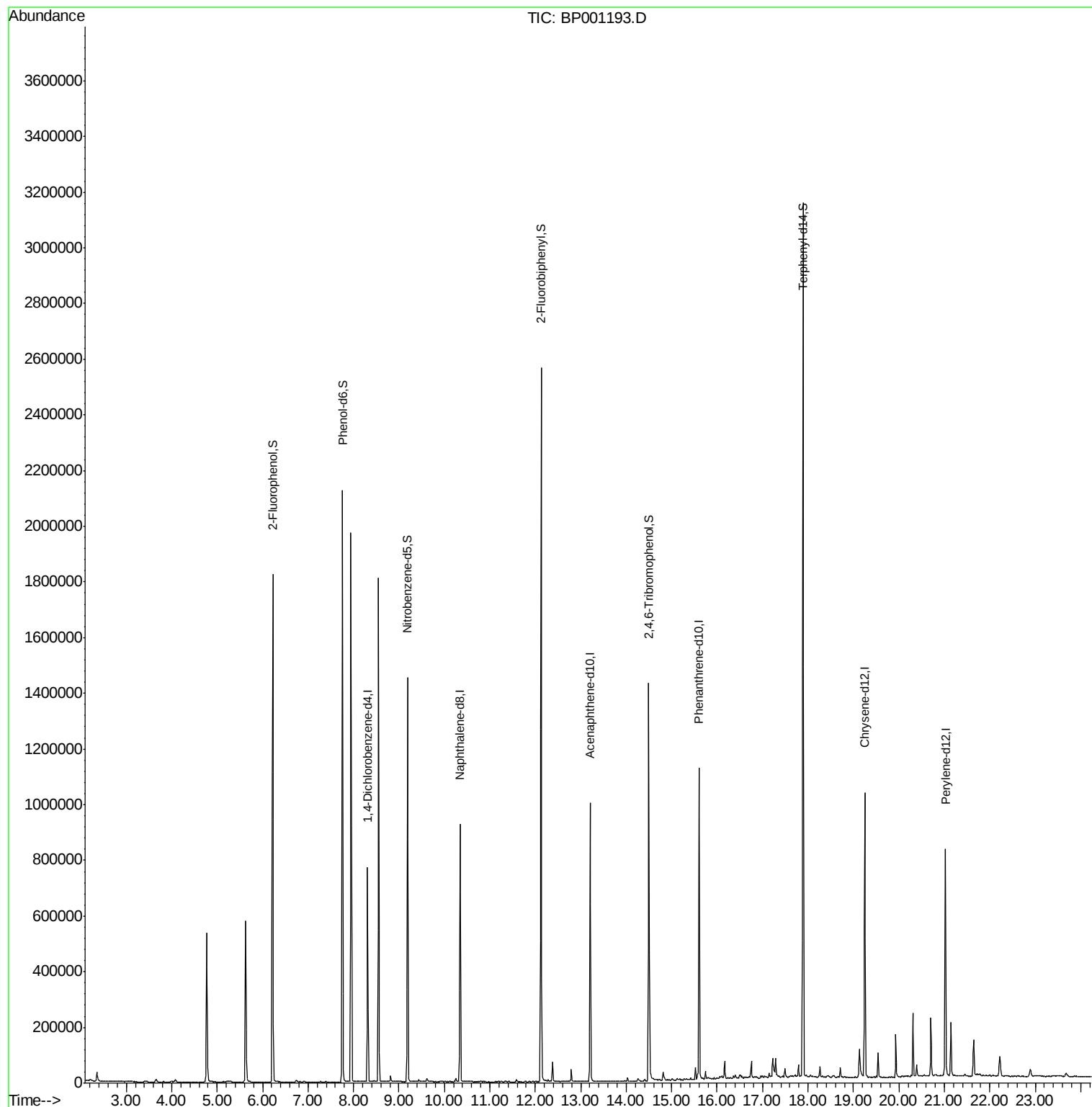
Target Compounds Qvalue

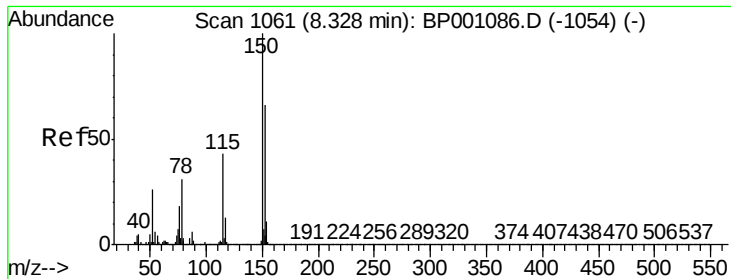
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001193.D

Acq: 04 Dec 2019 11:35

Instrument :

BNA_P

ClientSampleId :

CS-07

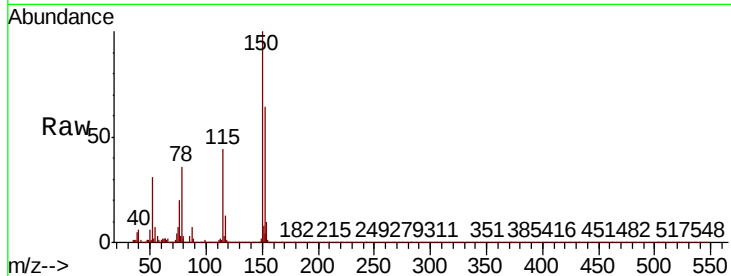
Tot Ion:152 Resp: 129485

Ion Ratio Lower Upper

152 100

150 157.0 120.6 181.0

115 68.8 51.6 77.4

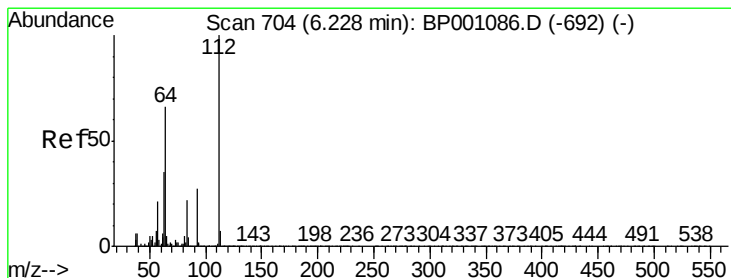
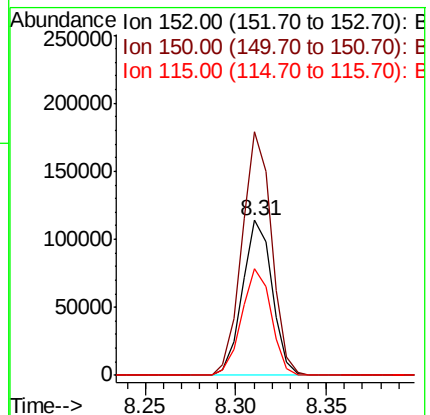
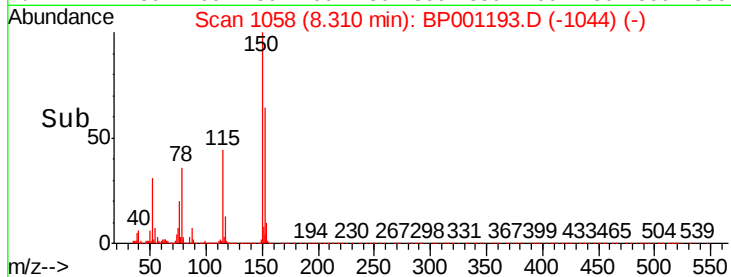


Abundance

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: 73.121 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001193.D

Acq: 04 Dec 2019 11:35

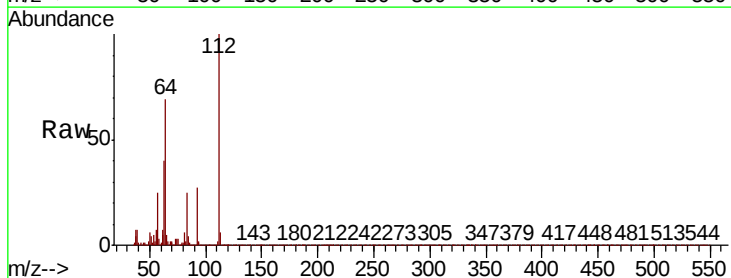
Tgt Ion:112 Resp: 570684

Ion Ratio Lower Upper

112 100

64 69.1 52.8 79.2

63 39.6 28.2 42.2

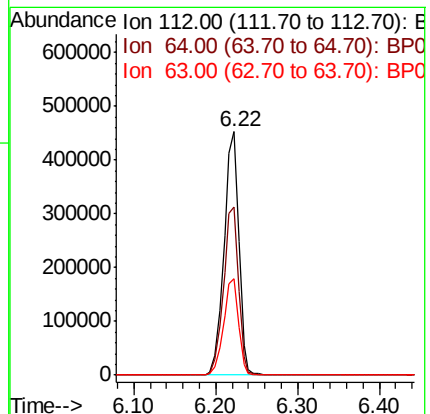
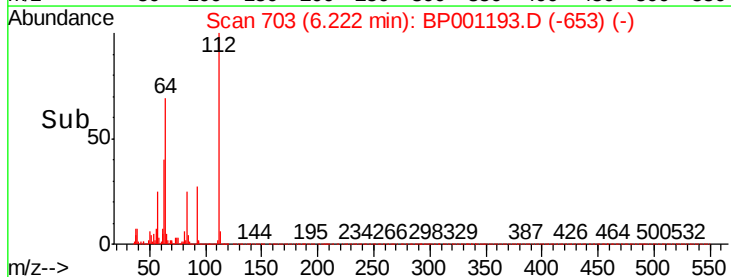


Abundance

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: 80.518 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001193.D

Acq: 04 Dec 2019 11:35

Instrument :

BNA_P

ClientSampleId :

CS-07

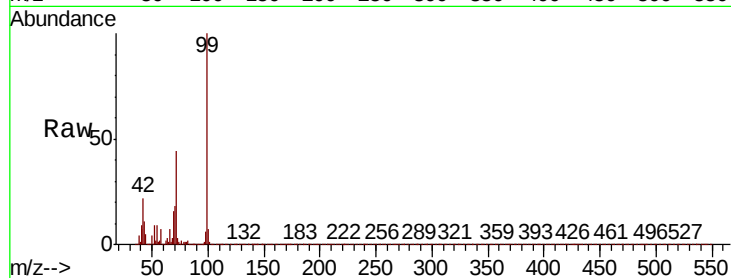
Tot Ion: 99 Resp: 837204

Ion Ratio Lower Upper

99 100

42 22.3 15.4 23.0

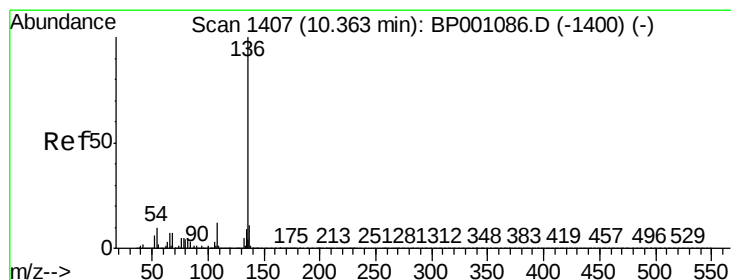
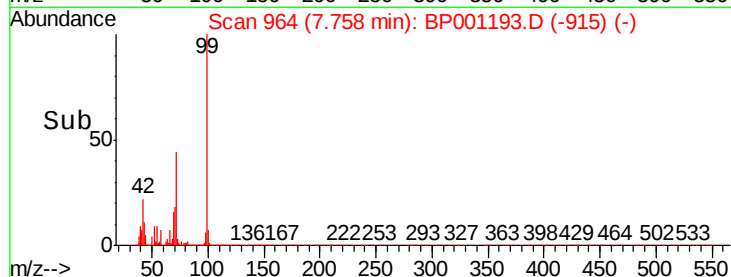
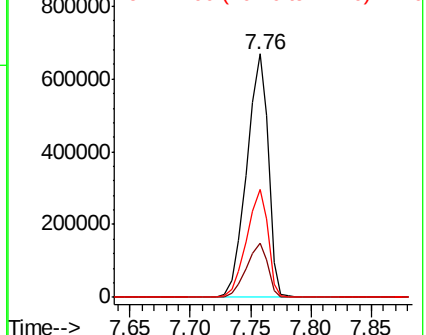
71 44.4 30.8 46.2



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: 10.35 min Scan# 1404

Delta R.T. -0.02 min

Lab File: BP001193.D

Acq: 04 Dec 2019 11:35

Tgt Ion: 136 Resp: 474029

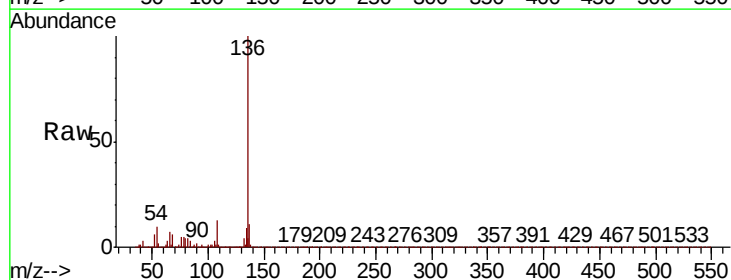
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.3 7.9 11.9

68 6.2 5.6 8.4

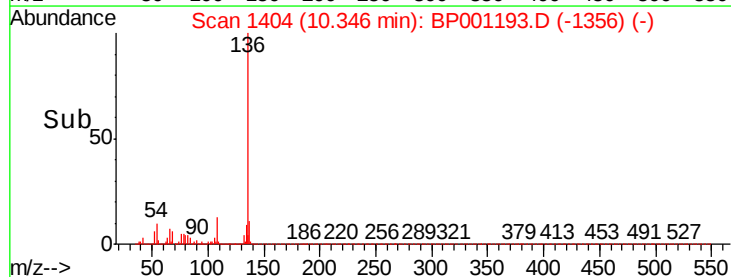
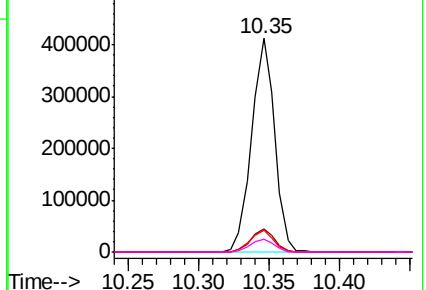


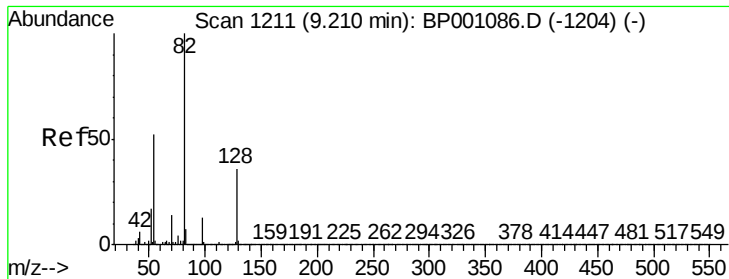
Abundance Ion 136.00 (135.70 to 136.70): E

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

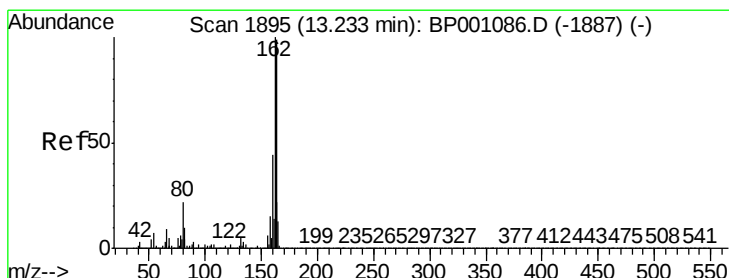
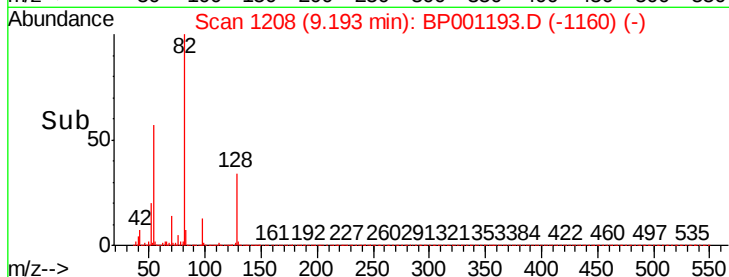
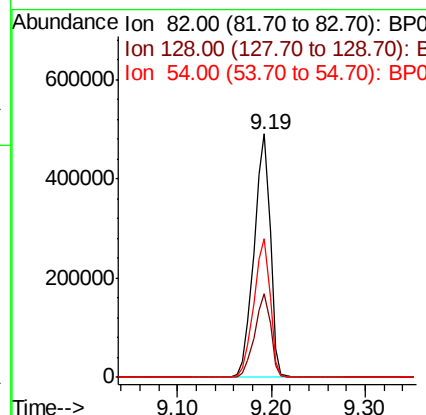
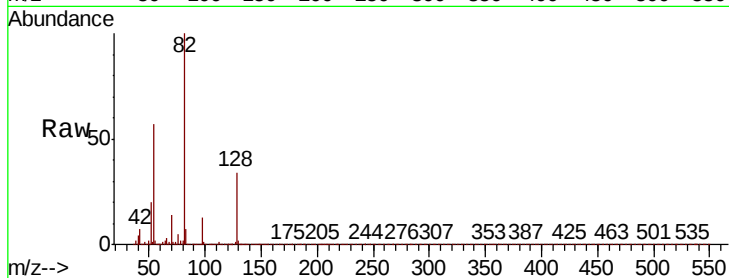




#23
Nitrobenzene-d5
Concen: 53.883 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001193.D
Acq: 04 Dec 2019 11:35

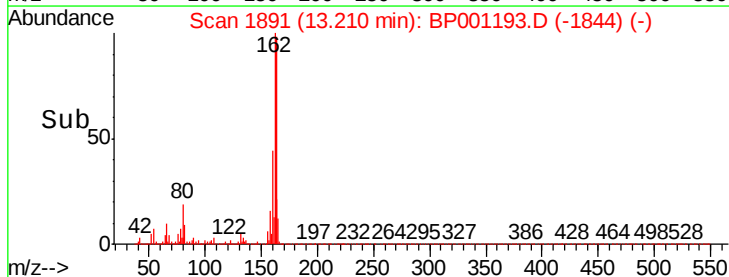
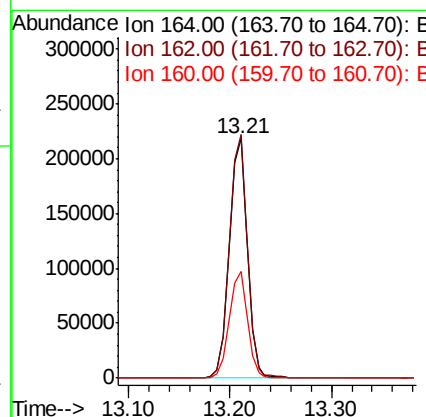
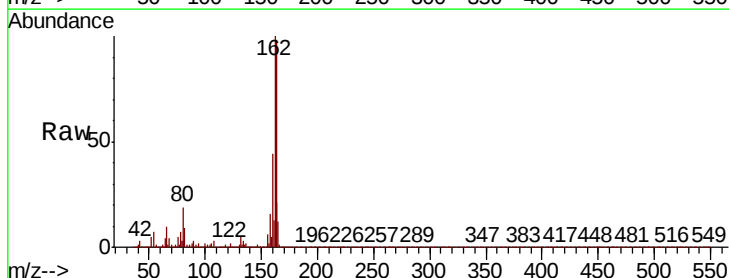
Instrument :
BNA_P
ClientSampleId :
CS-07

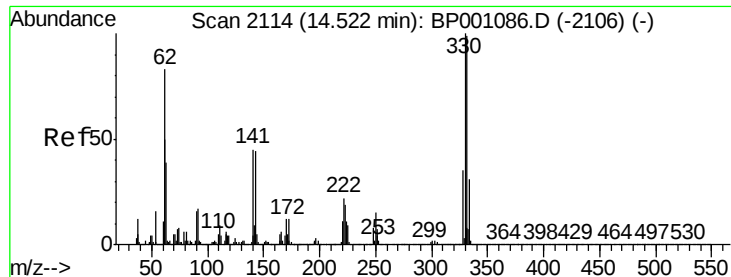
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.4	28.9	43.3
54	57.0	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001193.D
Acq: 04 Dec 2019 11:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.8	80.6	120.8
160	44.3	35.4	53.2

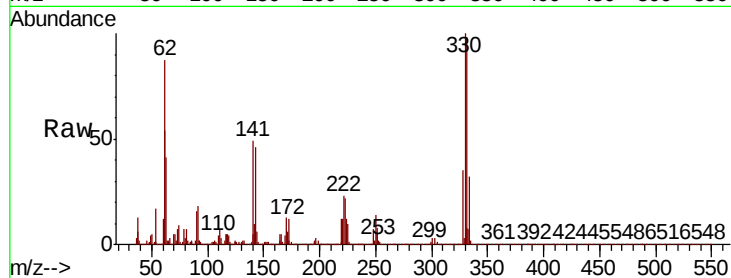




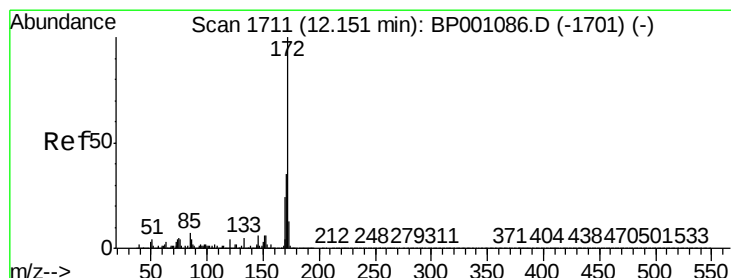
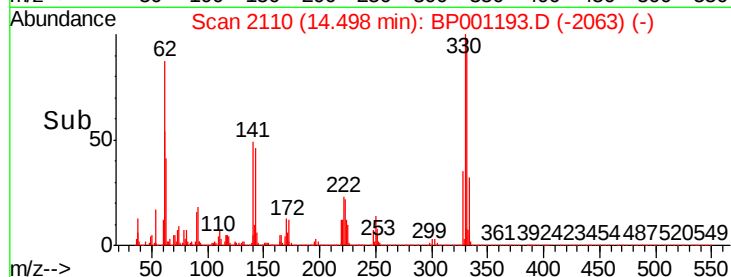
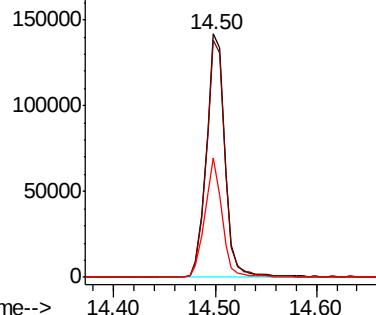
#42
2,4,6-Tribromophenol
Concen: 69.388 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001193.D
Acq: 04 Dec 2019 11:35

Instrument :
BNA_P
ClientSampleId :
CS-07

Tot Ion:330 Resp: 180094
Ion Ratio Lower Upper
330 100
332 98.1 77.6 116.4
141 45.7 34.2 51.2

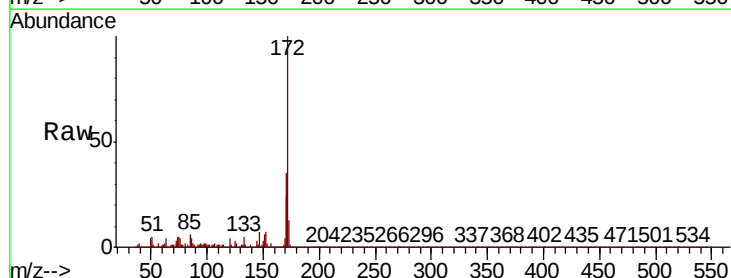


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

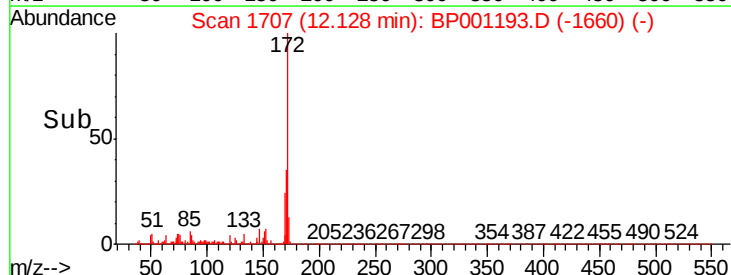
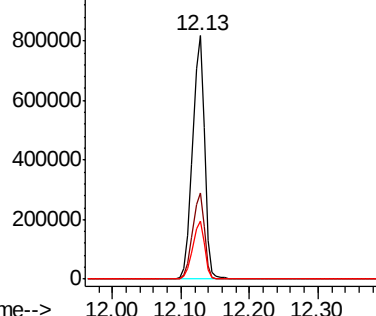


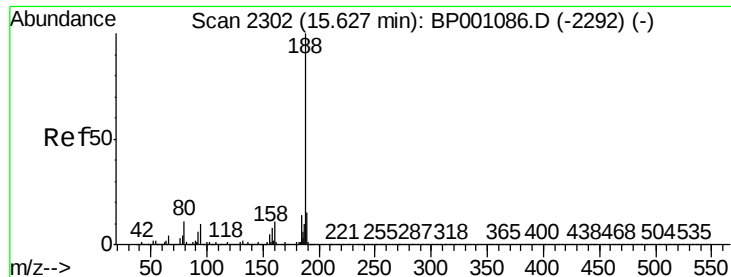
#45
2-Fluorobiphenyl
Concen: 53.613 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001193.D
Acq: 04 Dec 2019 11:35

Tgt Ion:172 Resp: 991927
Ion Ratio Lower Upper
172 100
171 35.2 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: BP001193.D

Acq: 04 Dec 2019 11:35

Instrument :

BNA_P

ClientSampleId :

CS-07

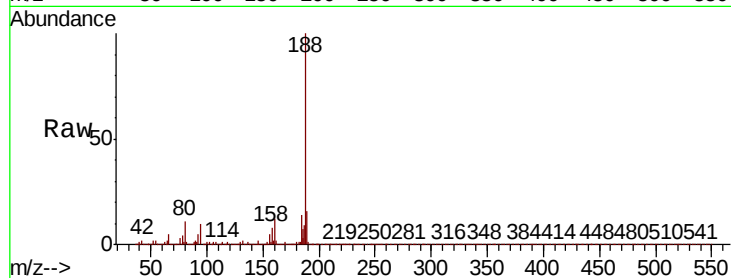
Tot Ion:188 Resp: 515972

Ion Ratio Lower Upper

188 100

94 9.8 7.9 11.9

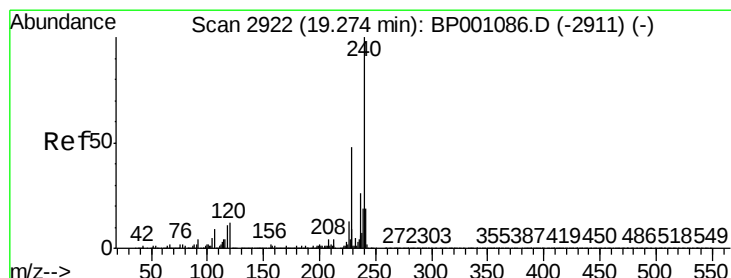
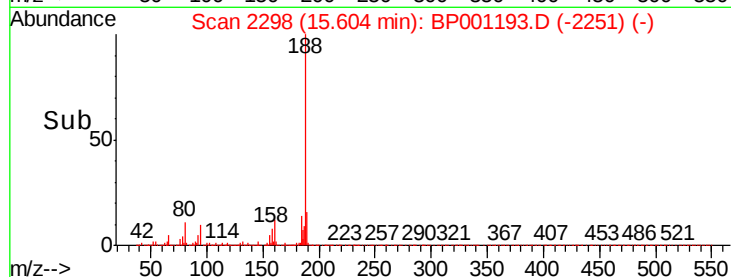
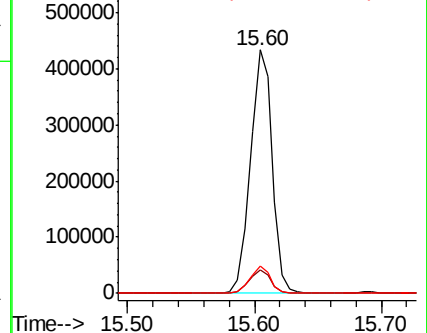
80 11.0 8.8 13.2



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: BP001193.D

Acq: 04 Dec 2019 11:35

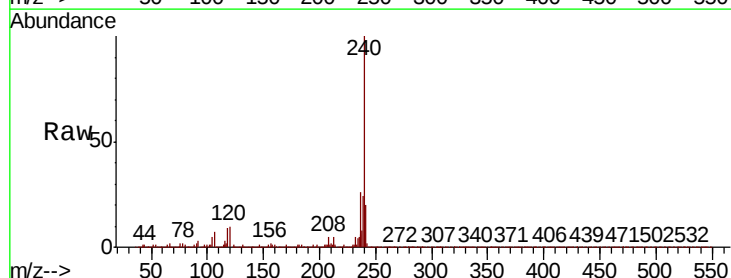
Tgt Ion:240 Resp: 400671

Ion Ratio Lower Upper

240 100

120 9.5 9.5 14.3#

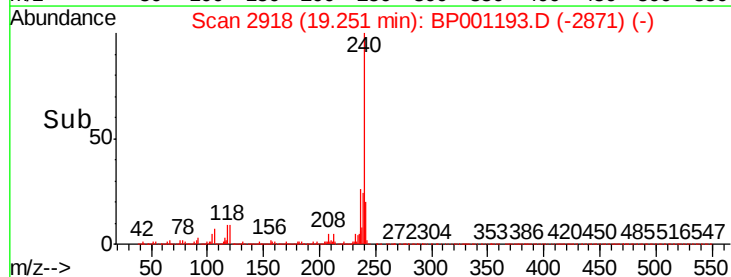
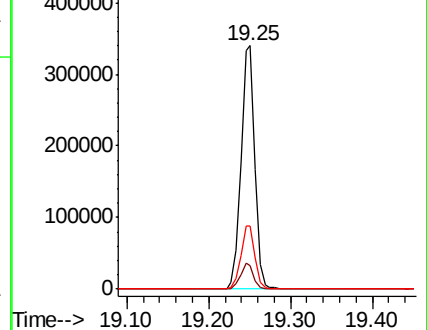
236 26.2 20.4 30.6

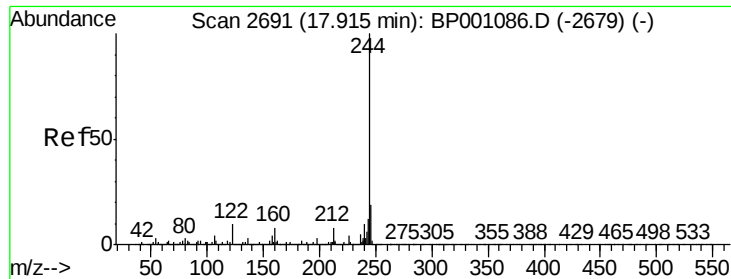


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 54.579 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001193.D

Acq: 04 Dec 2019 11:35

Instrument :

BNA_P

ClientSampled :

CS-07

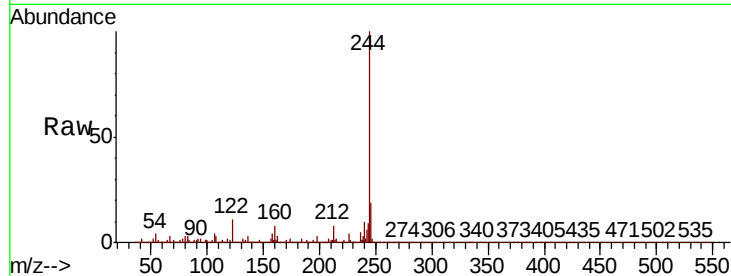
Tot Ion:244 Resp: 1182013

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

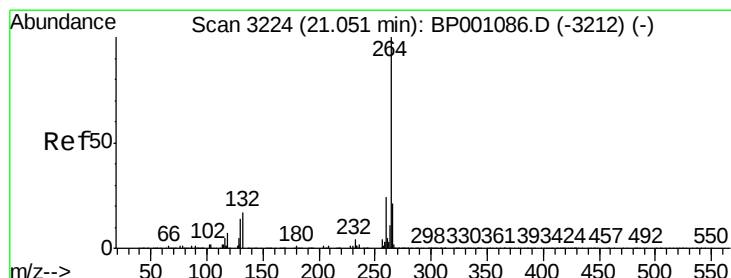
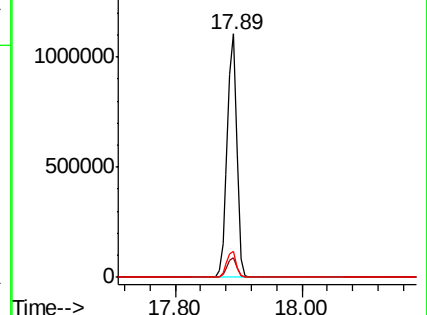
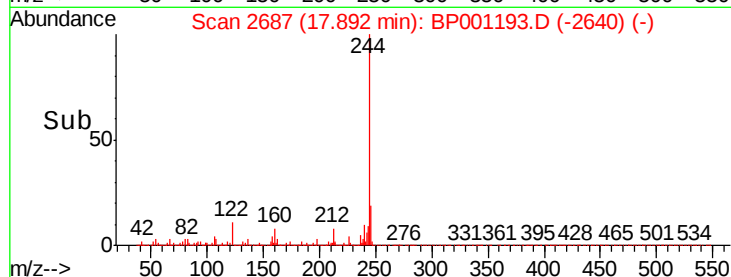
122 10.6 8.2 12.2



Abundance Ion 244.00 (243.70 to 244.70): E

1500000 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: BP001193.D

Acq: 04 Dec 2019 11:35

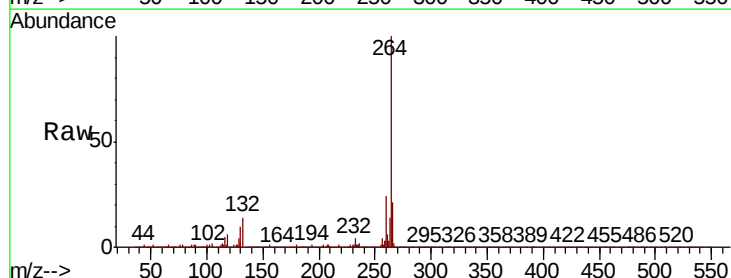
Tgt Ion:264 Resp: 418859

Ion Ratio Lower Upper

264 100

260 24.3 18.8 28.2

265 20.9 16.9 25.3



Abundance Ion 264.00 (263.70 to 264.70): E

400000 Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

