

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001146.D
 Acq On : 03 Dec 2019 03:00
 Operator : JU
 Sample : K6014-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-01

Quant Time: Dec 03 04:13:14 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	8.33	152	154701	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	581706	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	318178	20.00	ng	0.00
64) Phenanthrene-d10	15.63	188	573764	20.00	ng	0.00
76) Chrysene-d12	19.27	240	461602	20.00	ng	0.00
87) Perylene-d12	21.05	264	508747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	218613	23.45	ng	0.00
7) Phenol-d6	7.77	99	752864	60.60	ng	0.00
23) Nitrobenzene-d5	9.21	82	1039258	77.51	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	44949	14.74	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1757285	80.83	ng	0.00
79) Terphenyl-d14	17.92	244	1853904	74.30	ng	0.00

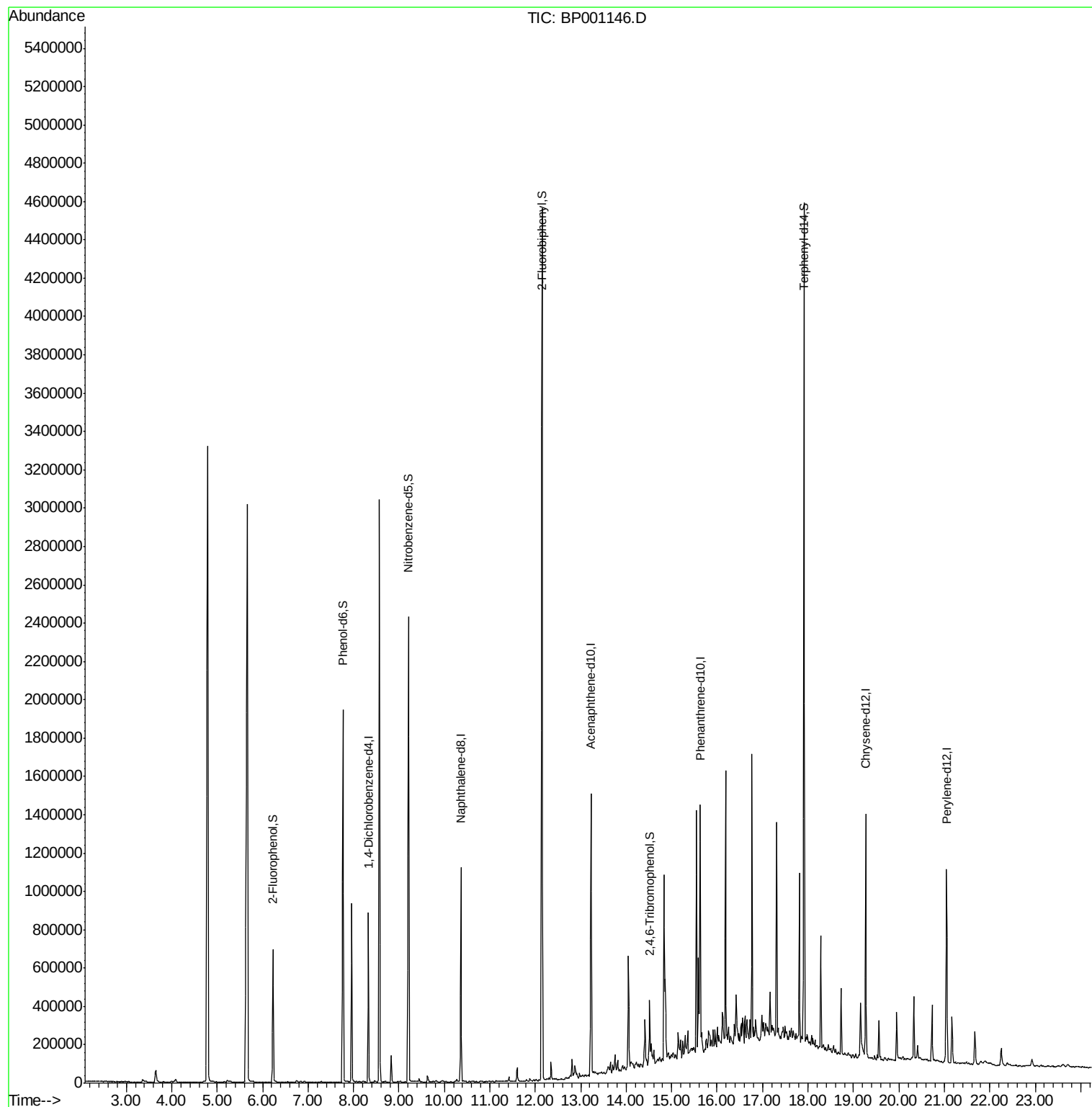
Target Compounds Qvalue

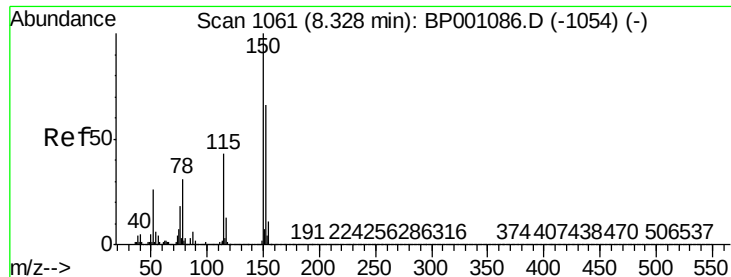
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.33 min Scan# 1061

Delta R.T. 0.00 min

Lab File: BP001146.D

Acq: 03 Dec 2019 03:00

Instrument :

BNA_P

ClientSampleId :

CS-01

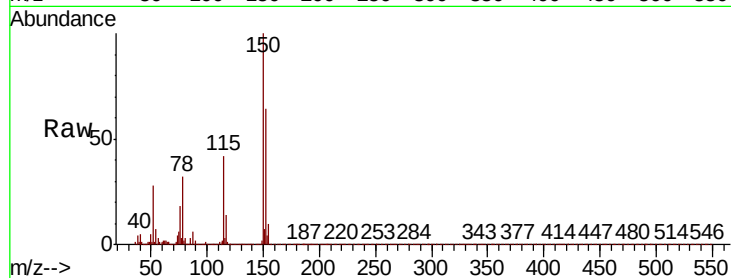
Tot Ion:152 Resp: 154701

Ion Ratio Lower Upper

152 100

150 156.1 120.6 181.0

115 65.2 51.6 77.4

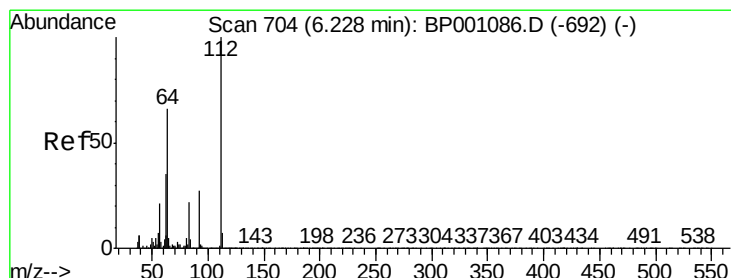
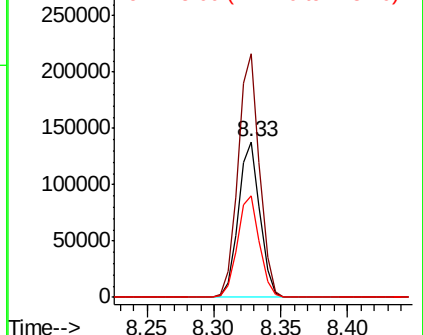
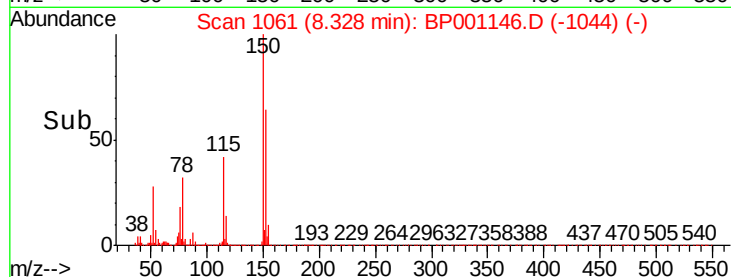


Abundance

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: 23.445 ng

RT: 6.23 min Scan# 704

Delta R.T. 0.00 min

Lab File: BP001146.D

Acq: 03 Dec 2019 03:00

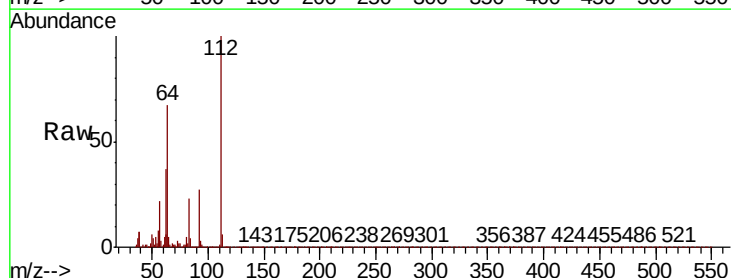
Tgt Ion:112 Resp: 218613

Ion Ratio Lower Upper

112 100

64 67.4 52.8 79.2

63 37.1 28.2 42.2

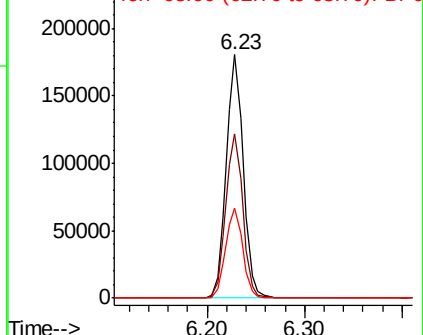
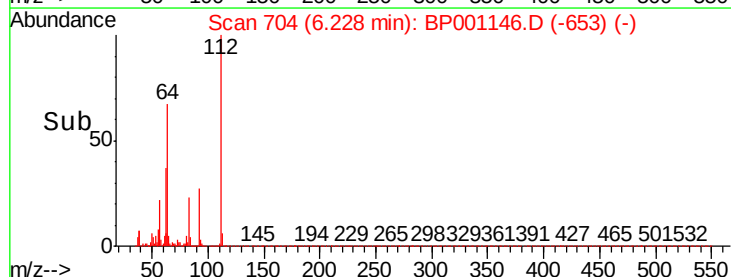


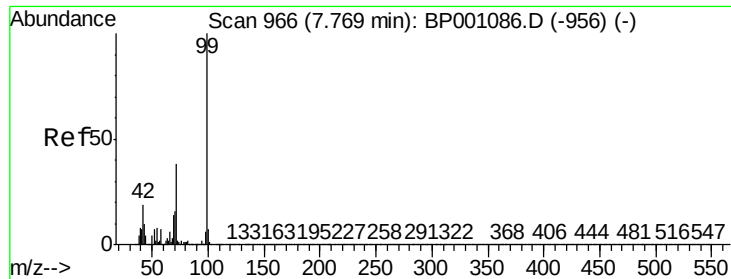
Abundance

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: 60.605 ng

RT: 7.77 min Scan# 966

Delta R.T. 0.00 min

Lab File: BP001146.D

Acq: 03 Dec 2019 03:00

Instrument :

BNA_P

ClientSampleId :

CS-01

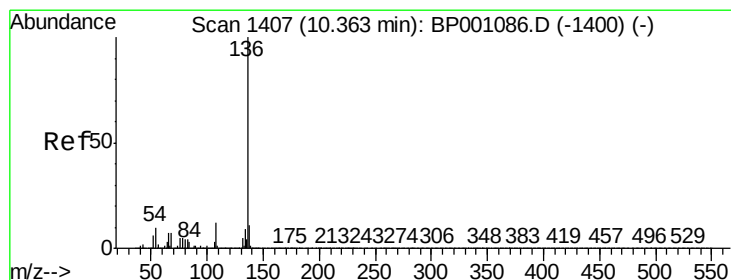
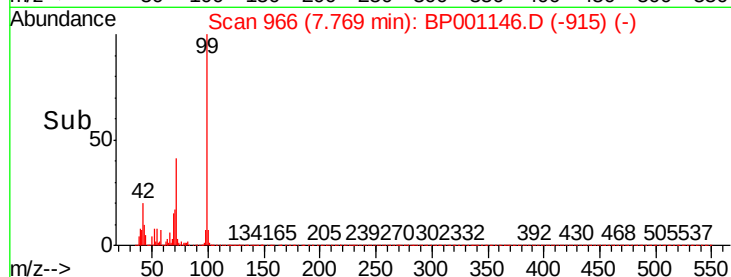
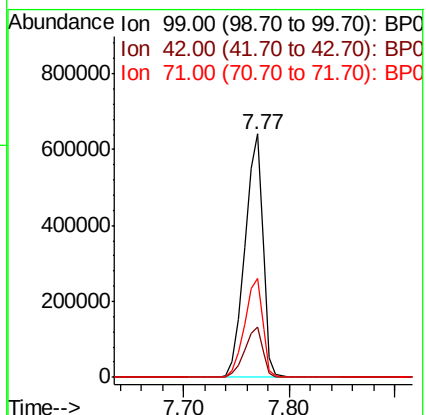
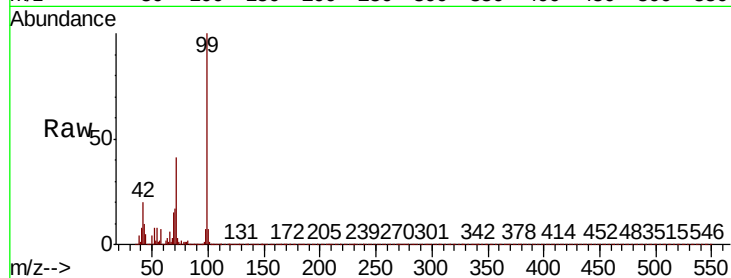
Tot Ion: 99 Resp: 752864

Ion Ratio Lower Upper

99 100

42 20.4 15.4 23.0

71 40.7 30.8 46.2



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BP001146.D

Acq: 03 Dec 2019 03:00

Tgt Ion: 136 Resp: 581706

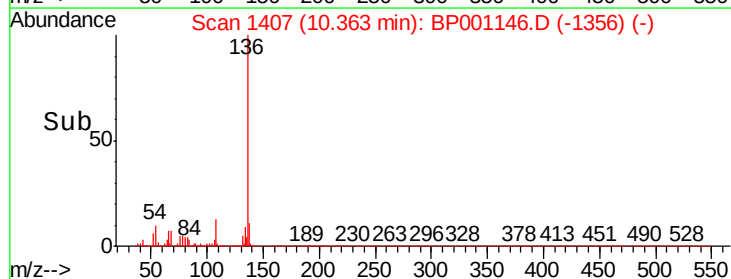
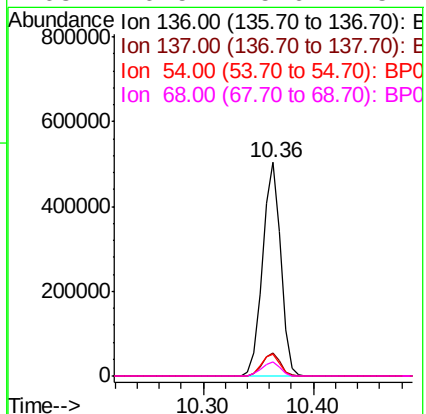
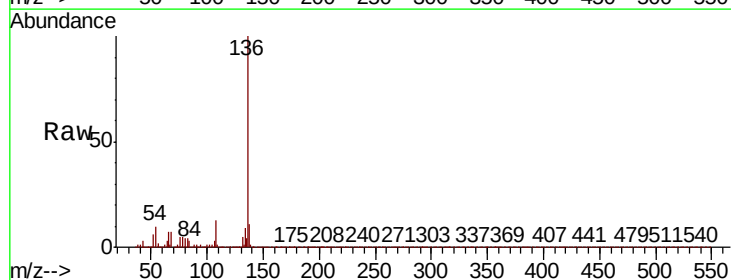
Ion Ratio Lower Upper

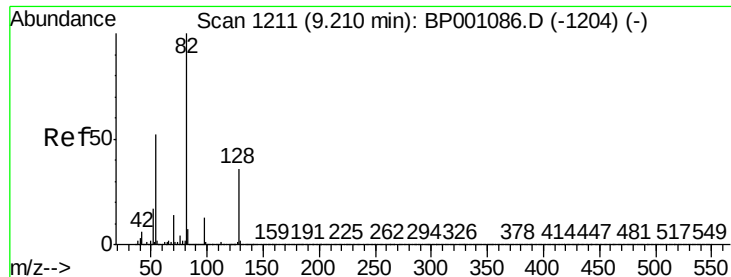
136 100

137 10.8 8.8 13.2

54 10.0 7.9 11.9

68 6.5 5.6 8.4



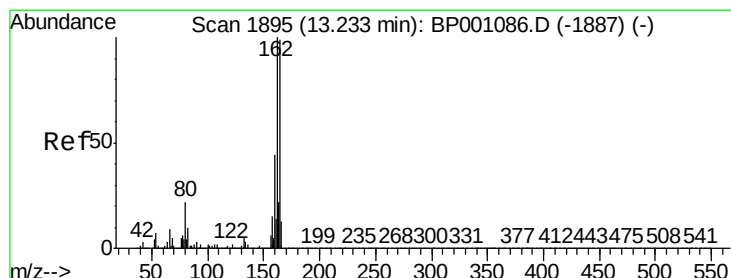
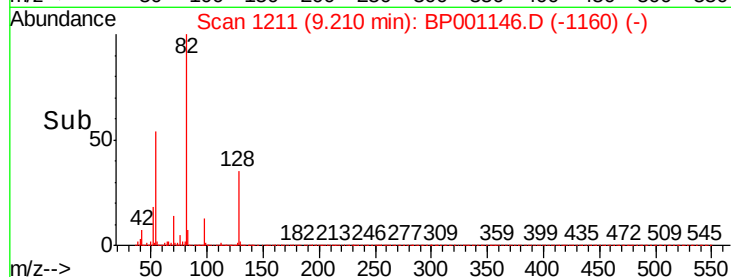
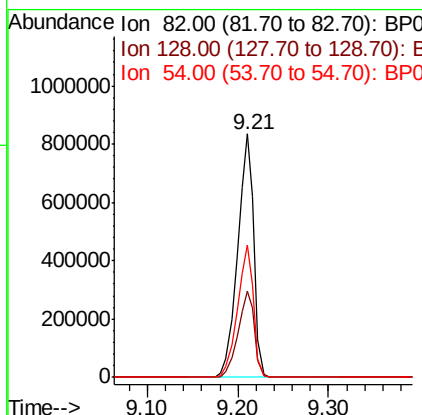
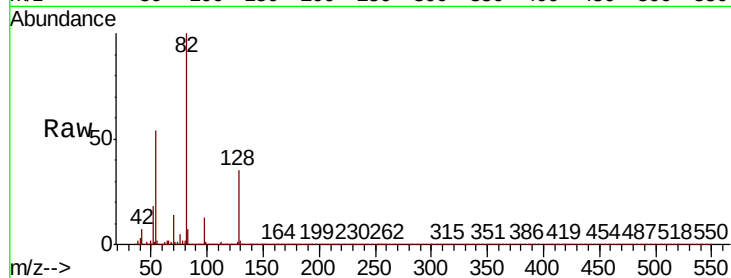


#23
 Nitrobenzene-d5
 Concen: 77.512 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001146.D
 Acq: 03 Dec 2019 03:00

Instrument :
 BNA_P
 ClientSampled :
 CS-01

Tot Ion: 82 Resp: 1039258

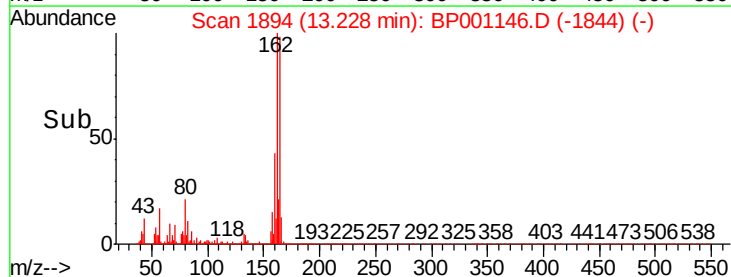
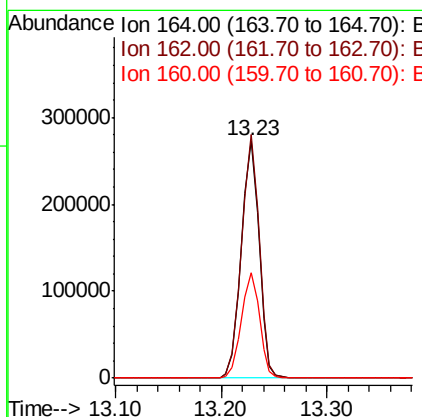
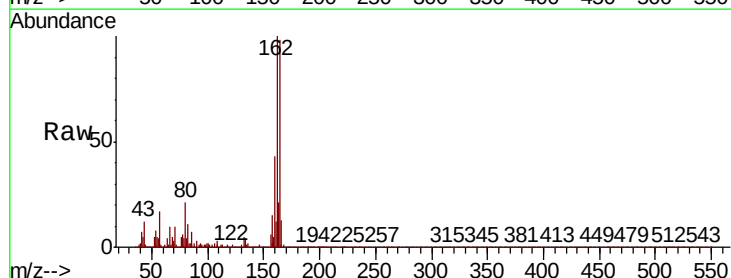
Ion	Ratio	Lower	Upper
82	100		
128	35.3	28.9	43.3
54	54.5	41.9	62.9

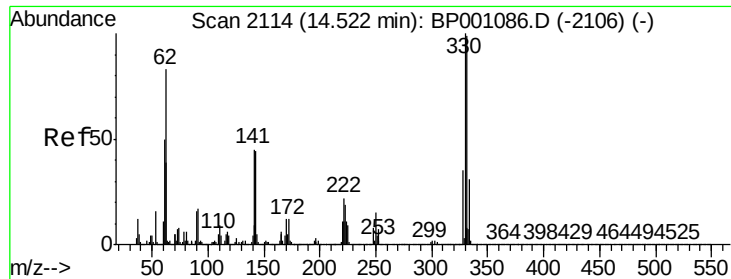


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001146.D
 Acq: 03 Dec 2019 03:00

Tgt Ion: 164 Resp: 318178

Ion	Ratio	Lower	Upper
164	100		
162	102.4	80.6	120.8
160	44.5	35.4	53.2

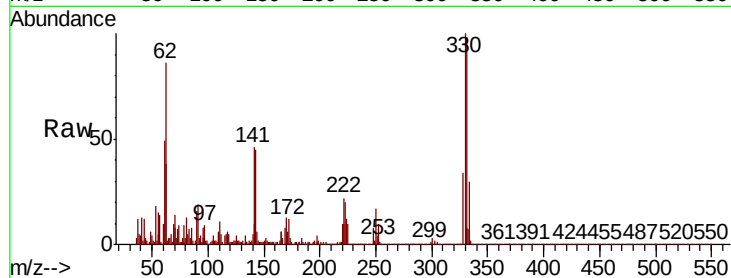




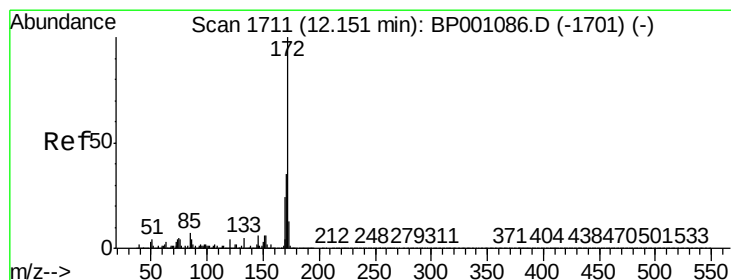
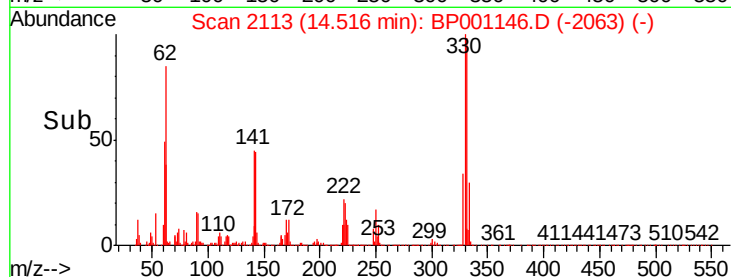
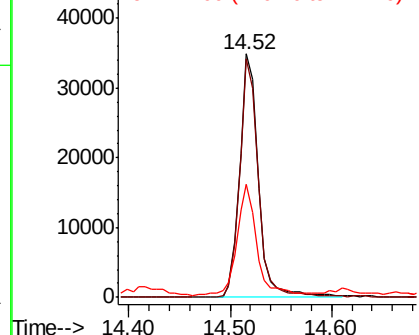
#42
2,4,6-Tribromophenol
Concen: 14.739 ng
RT: 14.52 min Scan# 2113
Delta R.T. -0.01 min
Lab File: BP001146.D
Acq: 03 Dec 2019 03:00

Instrument :
BNA_P
ClientSampleId :
CS-01

Tot Ion:330 Resp: 44949
Ion Ratio Lower Upper
330 100
332 96.9 77.6 116.4
141 48.3 34.2 51.2

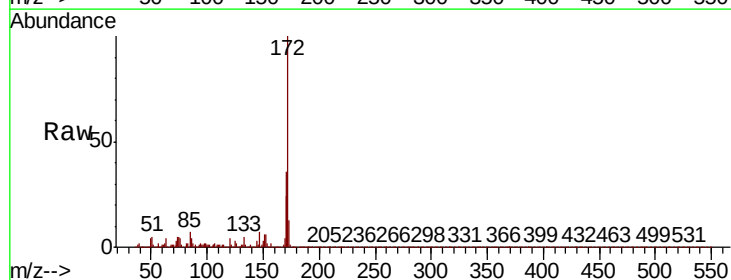


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

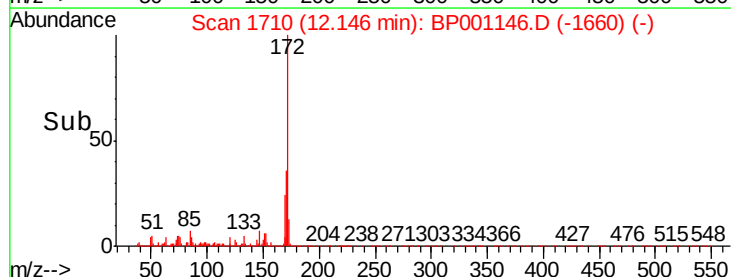
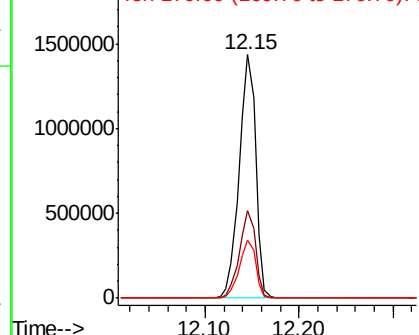


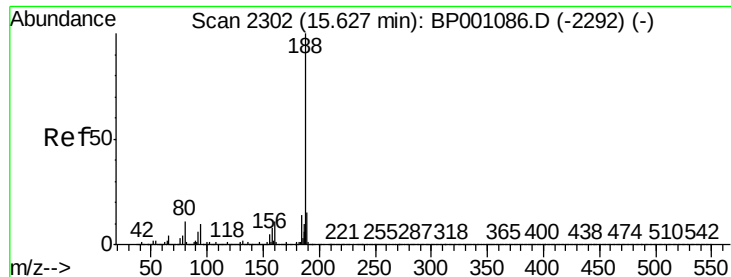
#45
2-Fluorobiphenyl
Concen: 80.833 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001146.D
Acq: 03 Dec 2019 03:00

Tgt Ion:172 Resp: 1757285
Ion Ratio Lower Upper
172 100
171 35.7 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: 15.63 min Scan# 2302

Delta R.T. 0.00 min

Lab File: BP001146.D

Acq: 03 Dec 2019 03:00

Instrument :

BNA_P

ClientSampleId :

CS-01

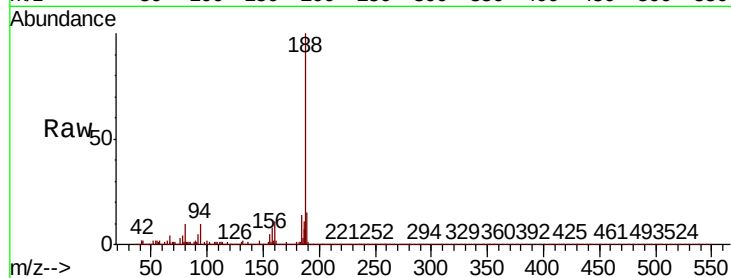
Tot Ion:188 Resp: 573764

Ion Ratio Lower Upper

188 100

94 9.6 7.9 11.9

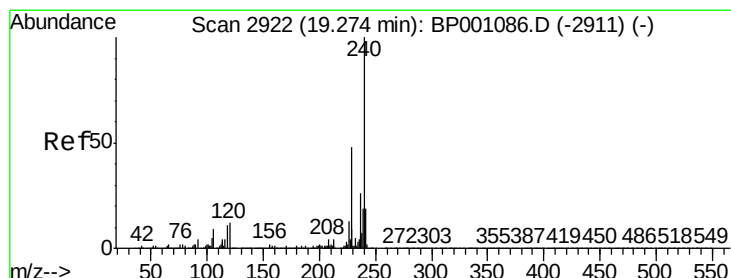
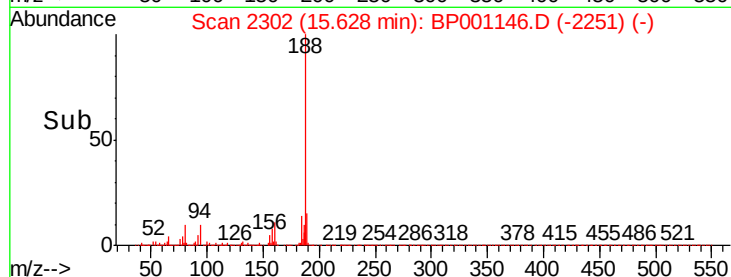
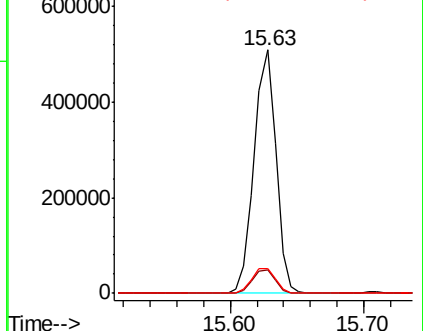
80 10.3 8.8 13.2



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: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001146.D

Acq: 03 Dec 2019 03:00

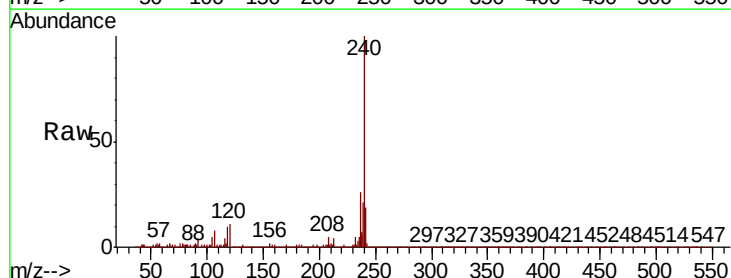
Tgt Ion:240 Resp: 461602

Ion Ratio Lower Upper

240 100

120 11.0 9.5 14.3

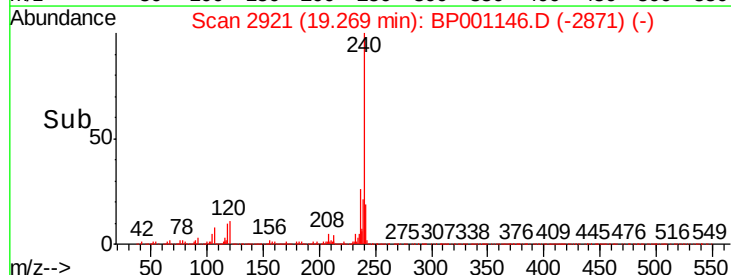
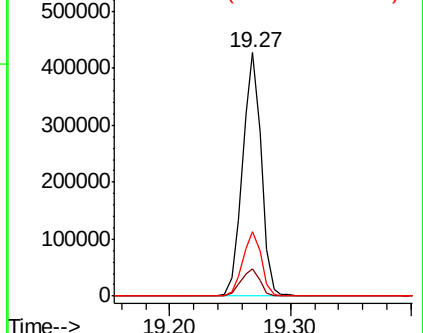
236 26.5 20.4 30.6

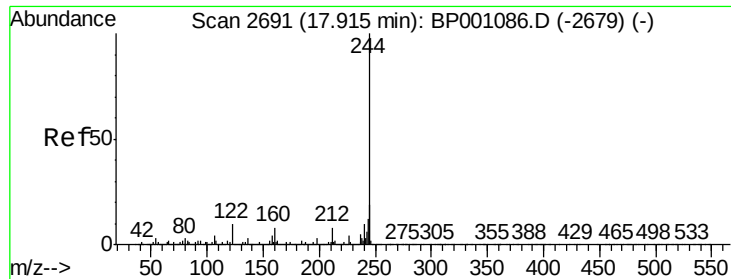


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

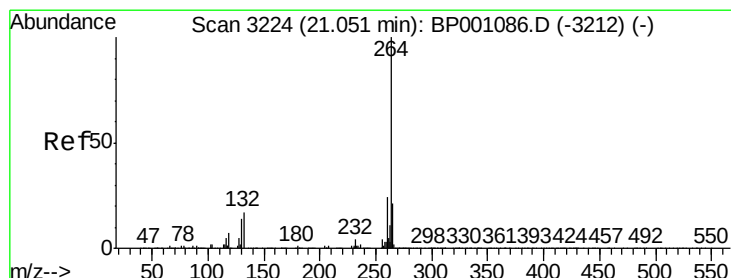
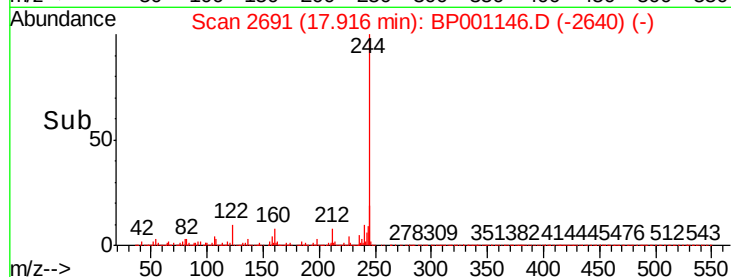
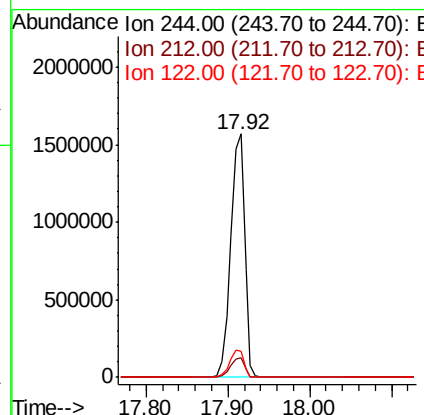
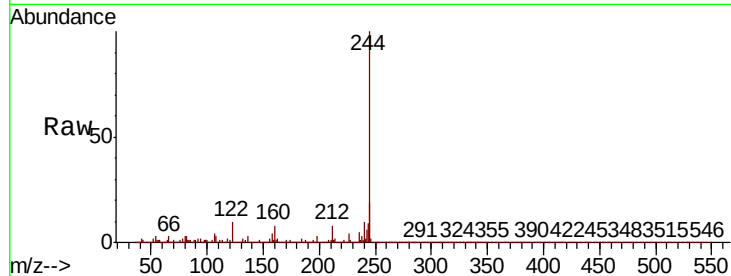




#79
 Terphenyl-d14
 Concen: 74.304 ng
 RT: 17.92 min Scan# 2691
 Delta R.T. 0.00 min
 Lab File: BP001146.D
 Acq: 03 Dec 2019 03:00

Instrument :
 BNA_P
 ClientSampleId :
 CS-01

Tot Ion:244 Resp: 1853904
 Ion Ratio Lower Upper
 244 100
 212 7.9 6.2 9.2
 122 10.4 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.05 min Scan# 3224
 Delta R.T. 0.00 min
 Lab File: BP001146.D
 Acq: 03 Dec 2019 03:00

Tgt Ion:264 Resp: 508747
 Ion Ratio Lower Upper
 264 100
 260 23.7 18.8 28.2
 265 21.7 16.9 25.3

