

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001195.D
 Acq On : 04 Dec 2019 12:35
 Operator : JU
 Sample : K6014-17
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-09

Quant Time: Dec 04 13:26:23 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	120781	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	441545	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	247444	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	472185	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	371413	20.00	ng	-0.02
87) Perylene-d12	21.03	264	390934	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	626867	86.11	ng	0.00
7) Phenol-d6	7.76	99	983145	101.37	ng	0.00
23) Nitrobenzene-d5	9.19	82	706827	69.45	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	172235	72.62	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1172494	69.35	ng	-0.02
79) Terphenyl-d14	17.89	244	1377144	68.60	ng	-0.02

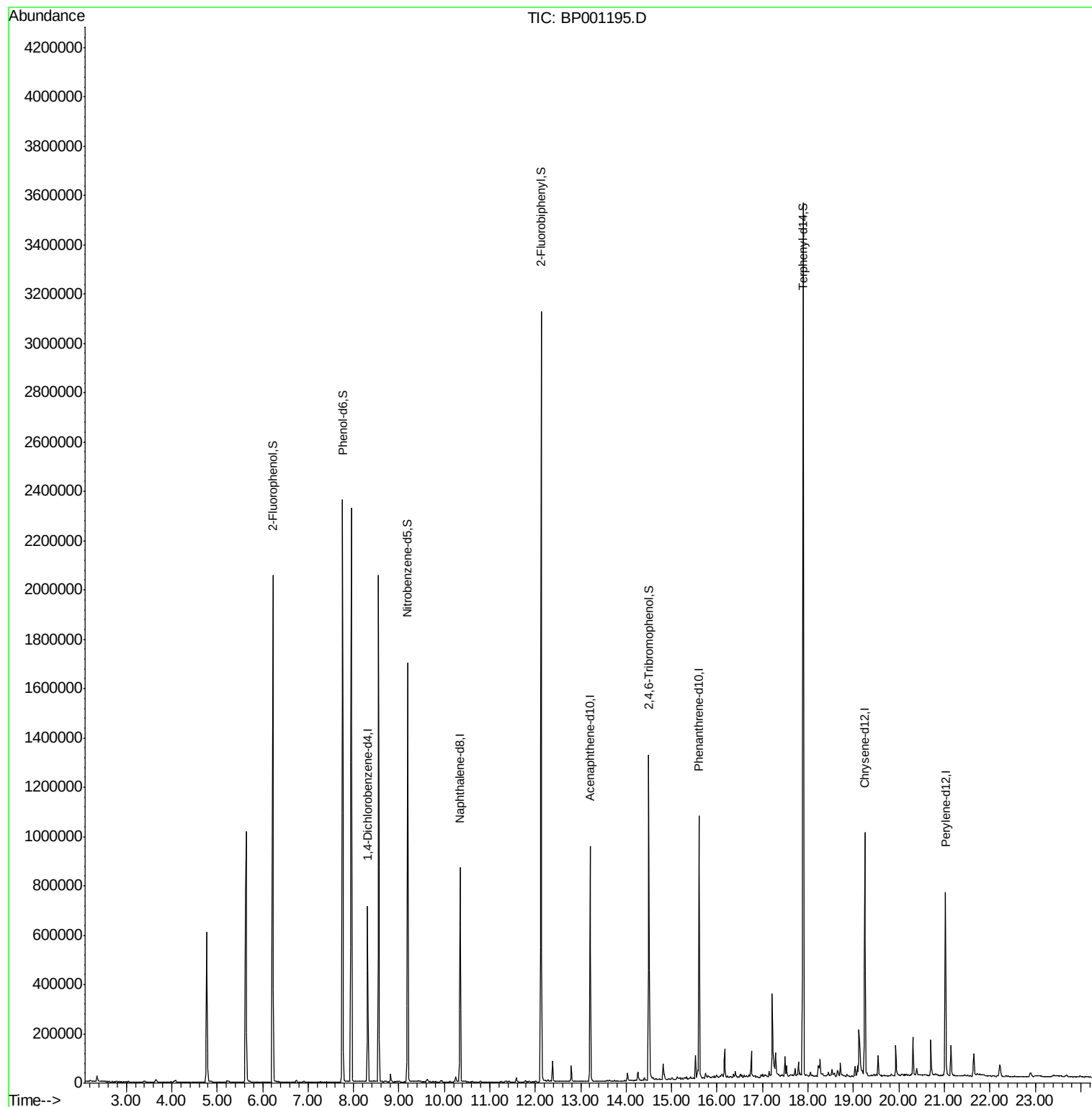
Target Compounds Qvalue

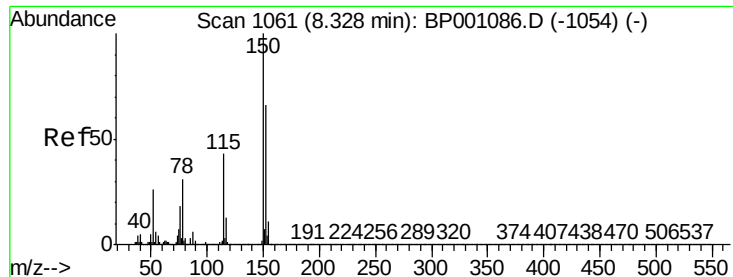
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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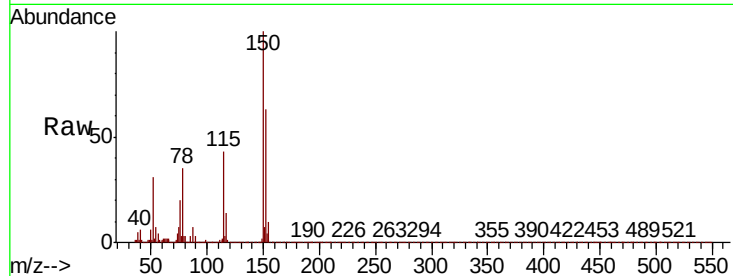




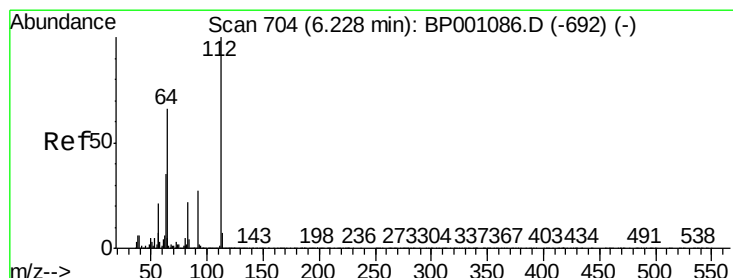
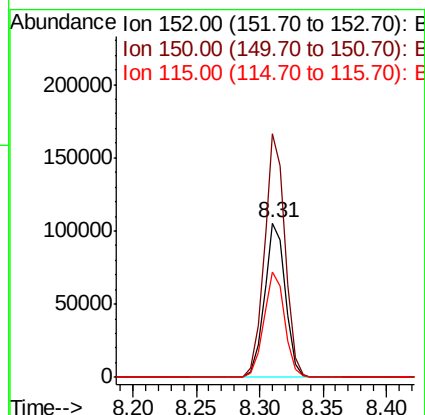
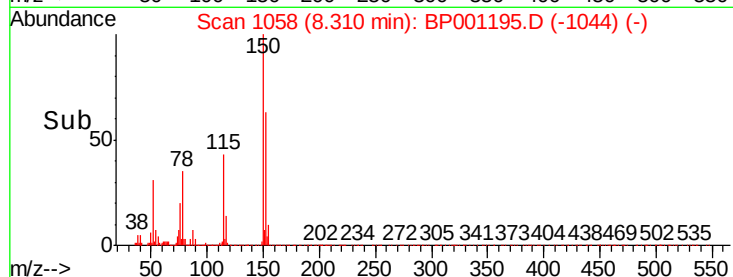
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. -0.02 min
 Lab File: BP001195.D
 Acq: 04 Dec 2019 12:35

Instrument :
 BNA_P
 ClientSampleId :
 CS-09

Tot Ion:152 Resp: 120781
 Ion Ratio Lower Upper
 152 100
 150 158.0 120.6 181.0
 115 68.6 51.6 77.4

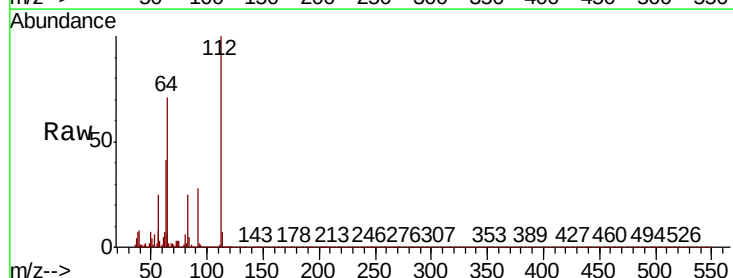


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

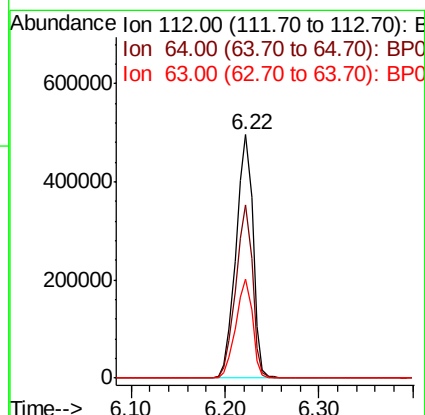
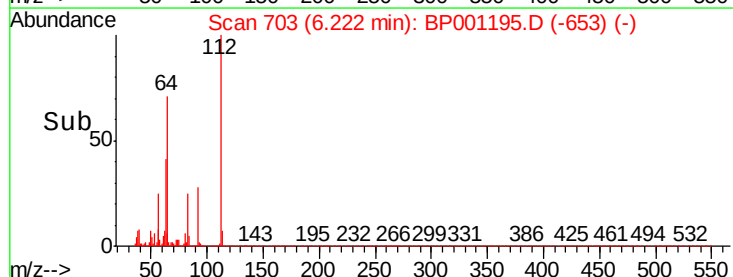


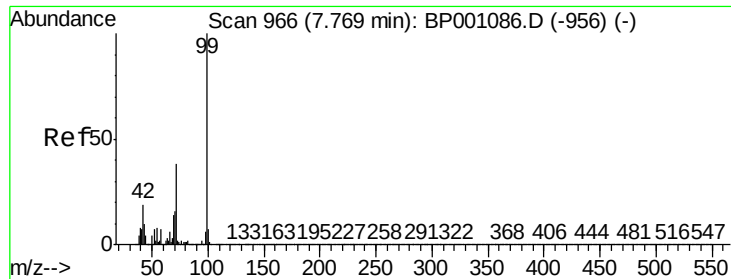
#5
 2-Fluorophenol
 Concen: 86.108 ng
 RT: 6.22 min Scan# 703
 Delta R.T. -0.01 min
 Lab File: BP001195.D
 Acq: 04 Dec 2019 12:35

Tgt Ion:112 Resp: 626867
 Ion Ratio Lower Upper
 112 100
 64 71.1 52.8 79.2
 63 40.7 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: 101.368 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

Instrument :

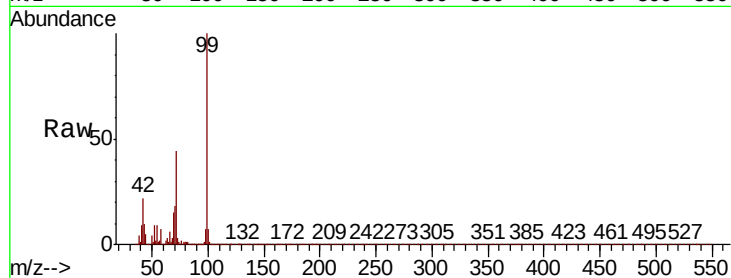
BNA_P

ClientSampleId :

CS-09

Tot Ion: 99 Resp: 983145

Ion	Ratio	Lower	Upper
99	100		
42	21.9	15.4	23.0
71	43.9	30.8	46.2

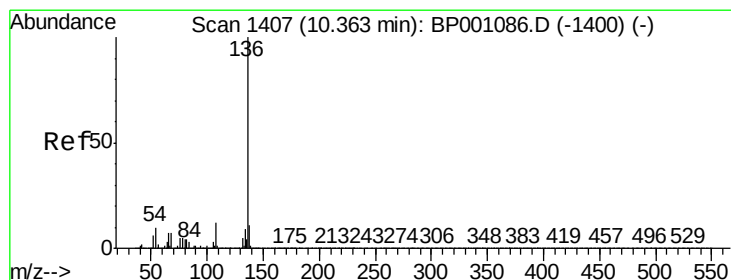
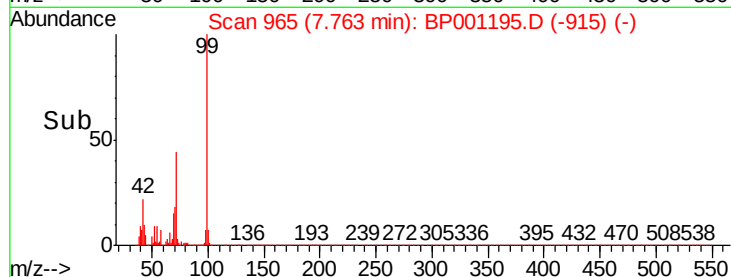
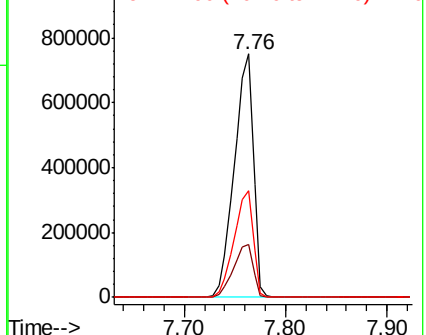


Abundance

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

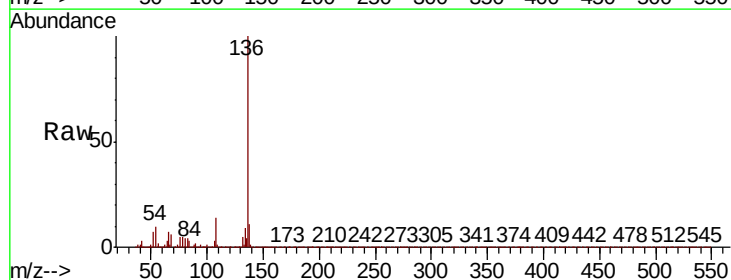
Delta R.T. -0.02 min

Lab File: BP001195.D

Acq: 04 Dec 2019 12:35

Tgt Ion: 136 Resp: 441545

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	10.0	7.9	11.9
68	5.8	5.6	8.4



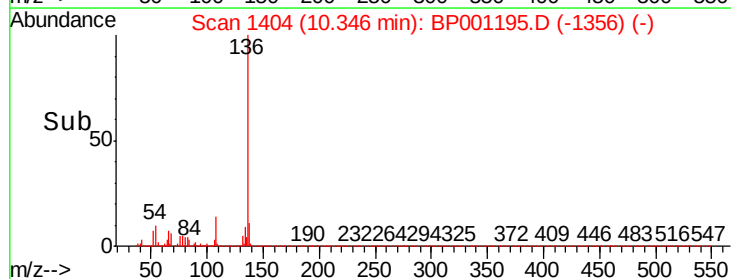
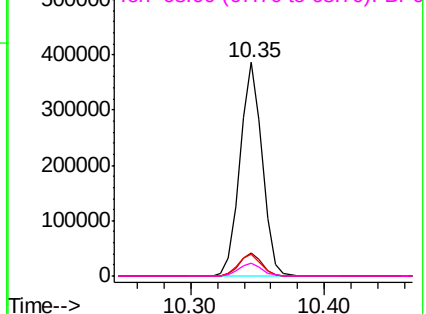
Abundance

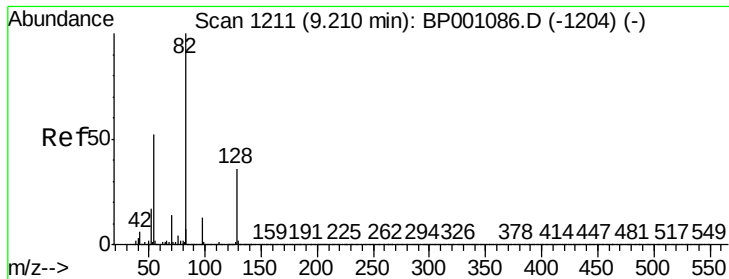
Ion 136.00 (135.70 to 136.70): E

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

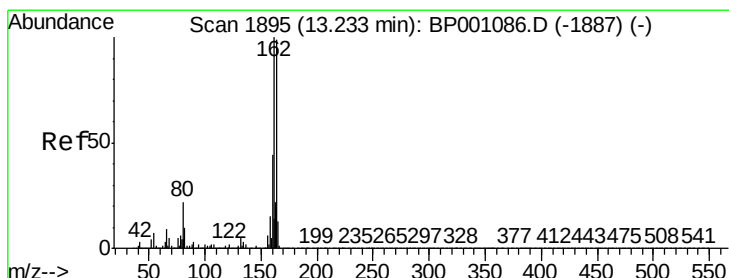
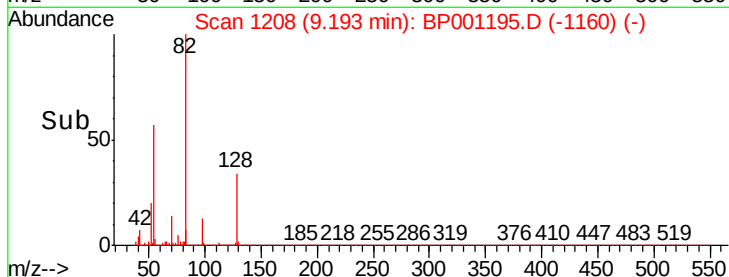
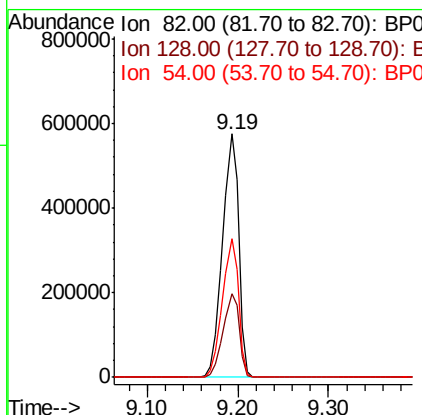
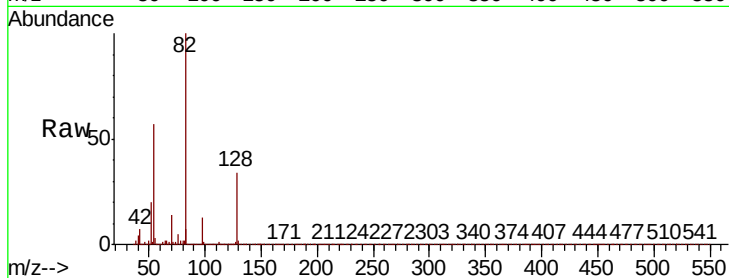




#23
Nitrobenzene-d5
Concen: 69.452 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

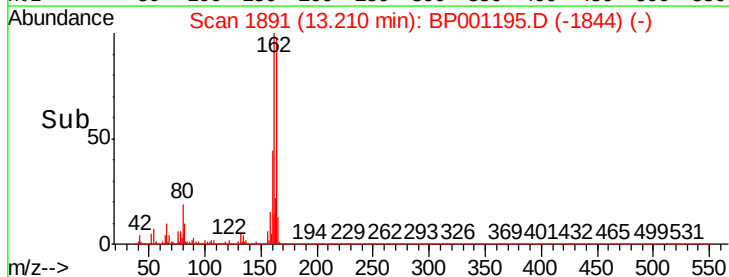
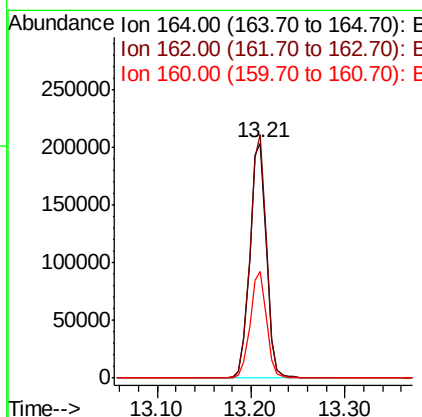
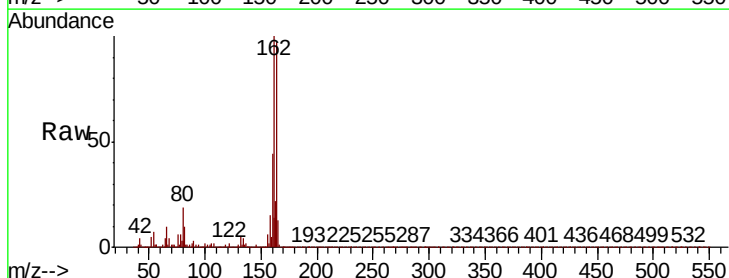
Instrument :
BNA_P
ClientSampleId :
CS-09

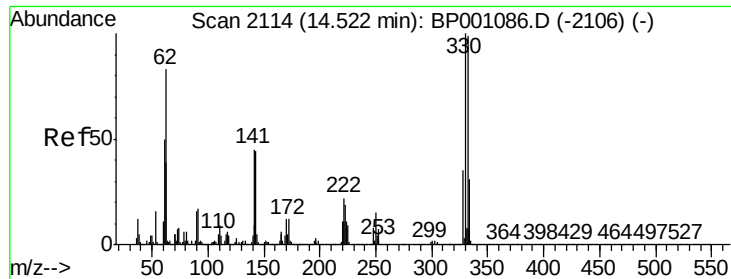
Tot Ion	Ratio	Lower	Upper
82	100		
128	34.1	28.9	43.3
54	57.1	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	80.6	120.8
160	45.4	35.4	53.2

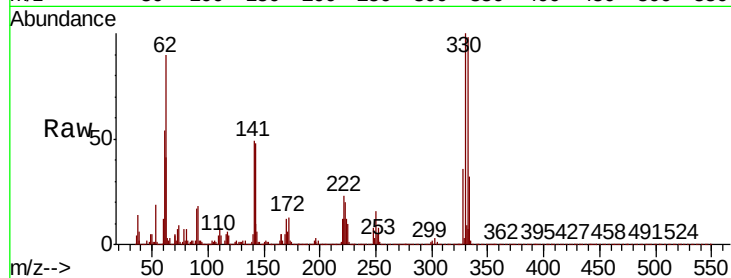




#42
2,4,6-Tribromophenol
Concen: 72.619 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Instrument :
BNA_P
ClientSampleId :
CS-09

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.1	77.6	116.4
141	44.8	34.2	51.2

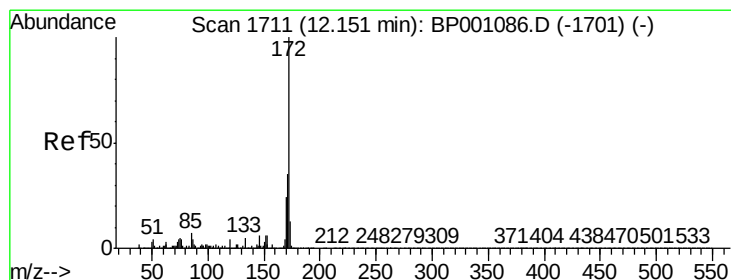
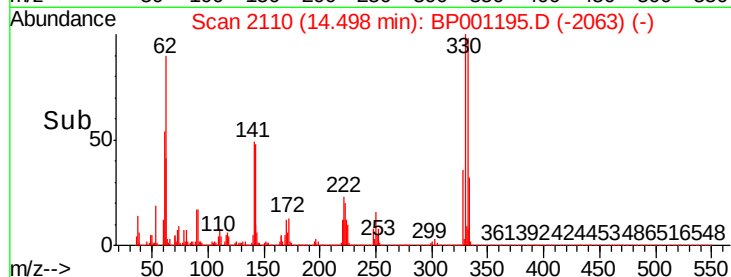
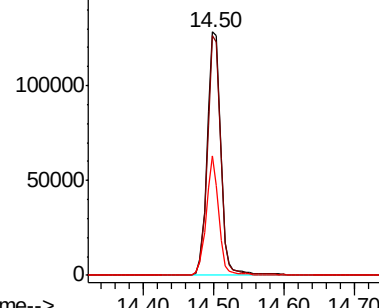


Abundance

Ion 329.80 (329.50 to 330.50): E

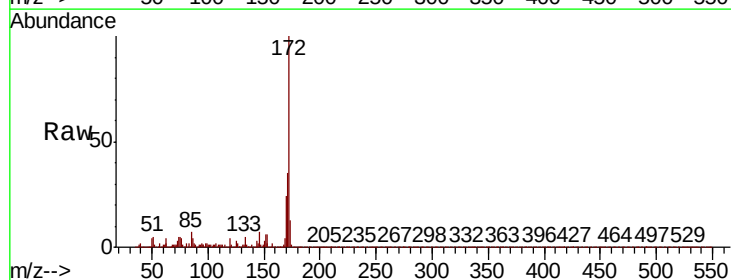
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 69.350 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001195.D
Acq: 04 Dec 2019 12:35

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	27.9	41.9
170	24.2	19.0	28.4

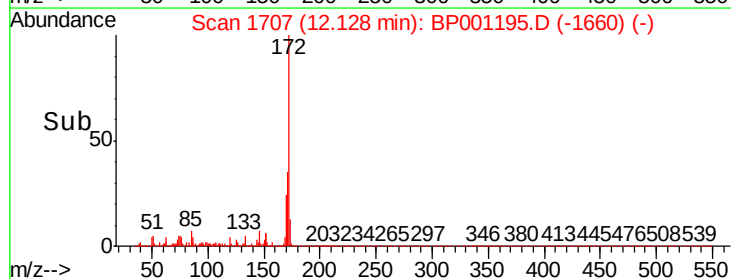
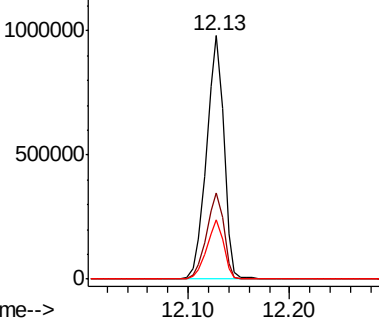


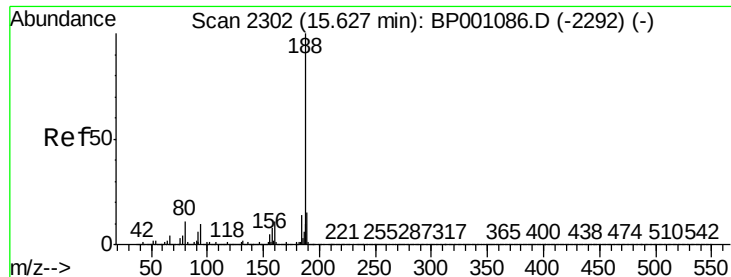
Abundance

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: BP001195.D

Acq: 04 Dec 2019 12:35

Instrument :

BNA_P

ClientSampled :

CS-09

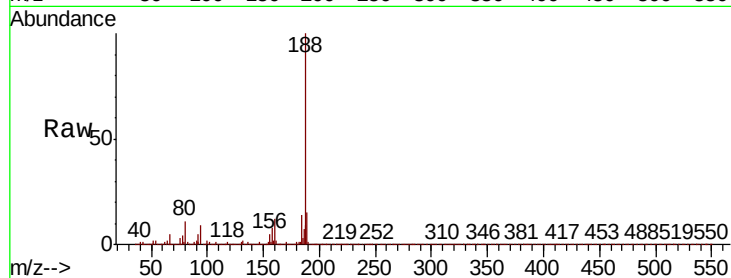
Tot Ion:188 Resp: 472185

Ion Ratio Lower Upper

188 100

94 9.2 7.9 11.9

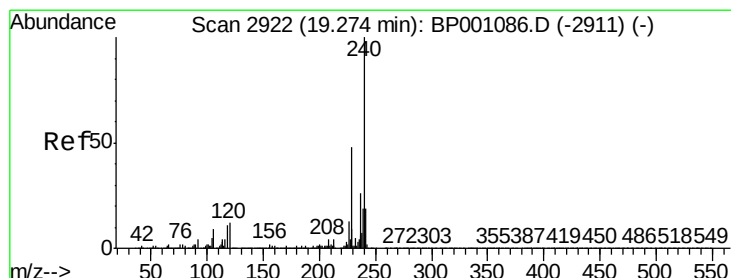
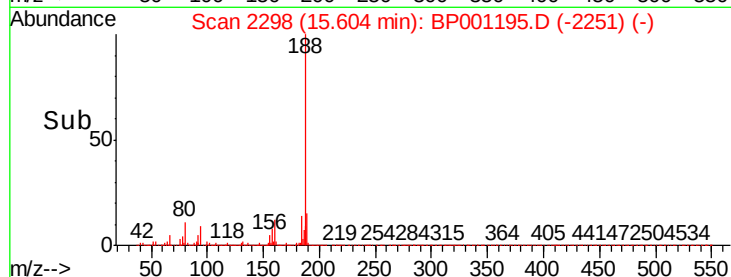
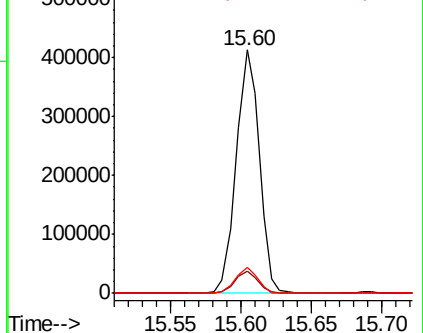
80 10.8 8.8 13.2



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: BP001195.D

Acq: 04 Dec 2019 12:35

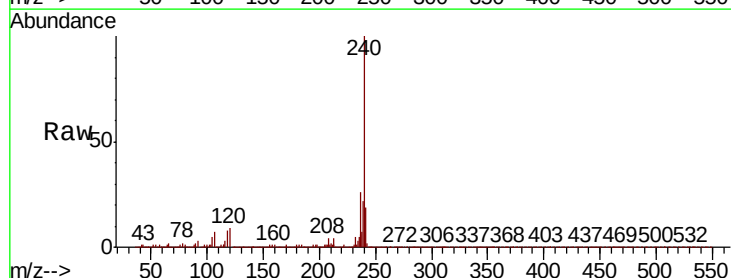
Tgt Ion:240 Resp: 371413

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

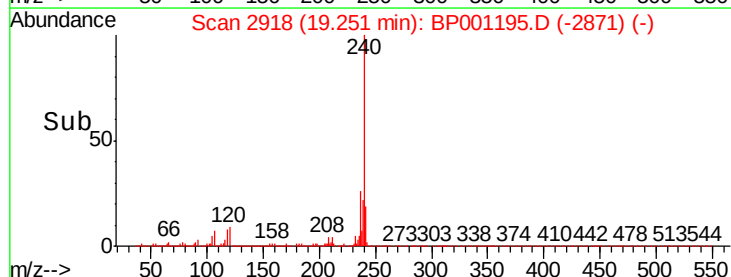
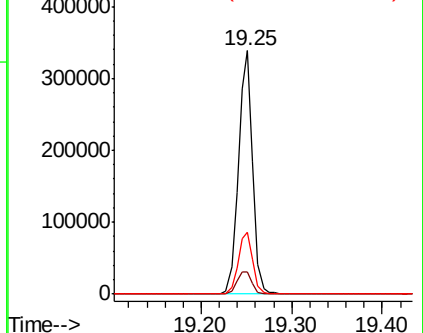
236 25.6 20.4 30.6

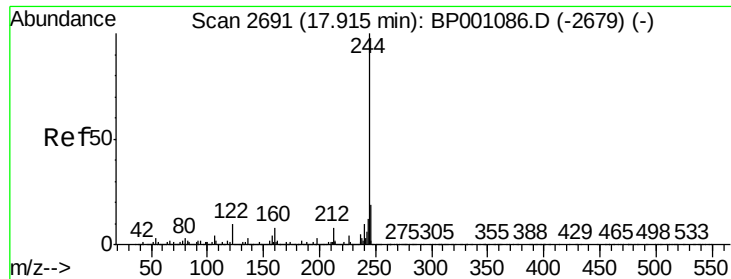


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

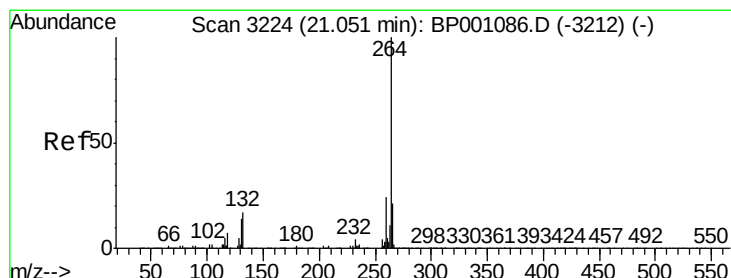
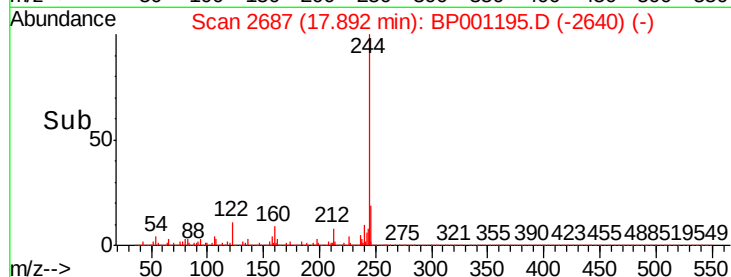
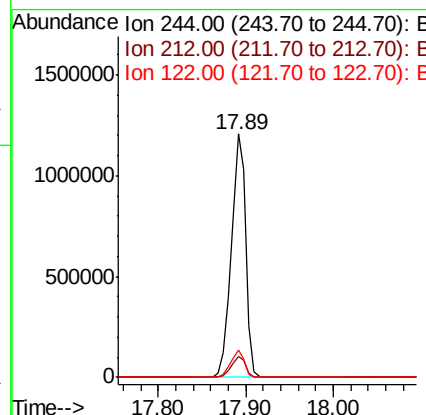
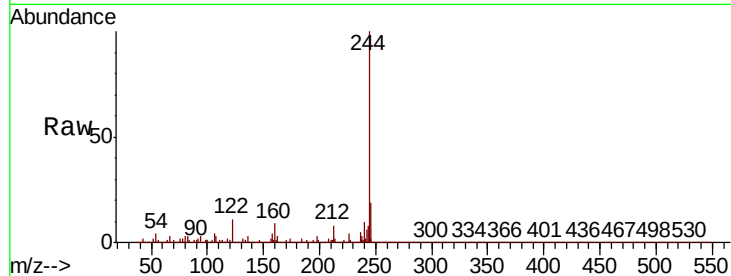




#79
 Terphenyl-d14
 Concen: 68.599 ng
 RT: 17.89 min Scan# 2687
 Delta R.T. -0.02 min
 Lab File: BP001195.D
 Acq: 04 Dec 2019 12:35

Instrument :
 BNA_P
 ClientSampleId :
 CS-09

Tot Ion:244 Resp: 1377144
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.2 9.2
 122 11.3 8.2 12.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.03 min Scan# 3220
 Delta R.T. -0.02 min
 Lab File: BP001195.D
 Acq: 04 Dec 2019 12:35

Tgt Ion:264 Resp: 390934
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.8 28.2
 265 21.3 16.9 25.3

