

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001194.D
 Acq On : 04 Dec 2019 12:05
 Operator : JU
 Sample : K6014-15
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-08

Quant Time: Dec 04 13:11:12 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	133076	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	488251	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	271092	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	516348	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	399191	20.00	ng	-0.02
87) Perylene-d12	21.03	264	416791	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	719876	89.75	ng	0.00
7) Phenol-d6	7.76	99	1087957	101.81	ng	0.00
23) Nitrobenzene-d5	9.19	82	776270	68.98	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	196254	75.53	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1289113	69.60	ng	-0.02
79) Terphenyl-d14	17.89	244	1472654	68.25	ng	-0.02

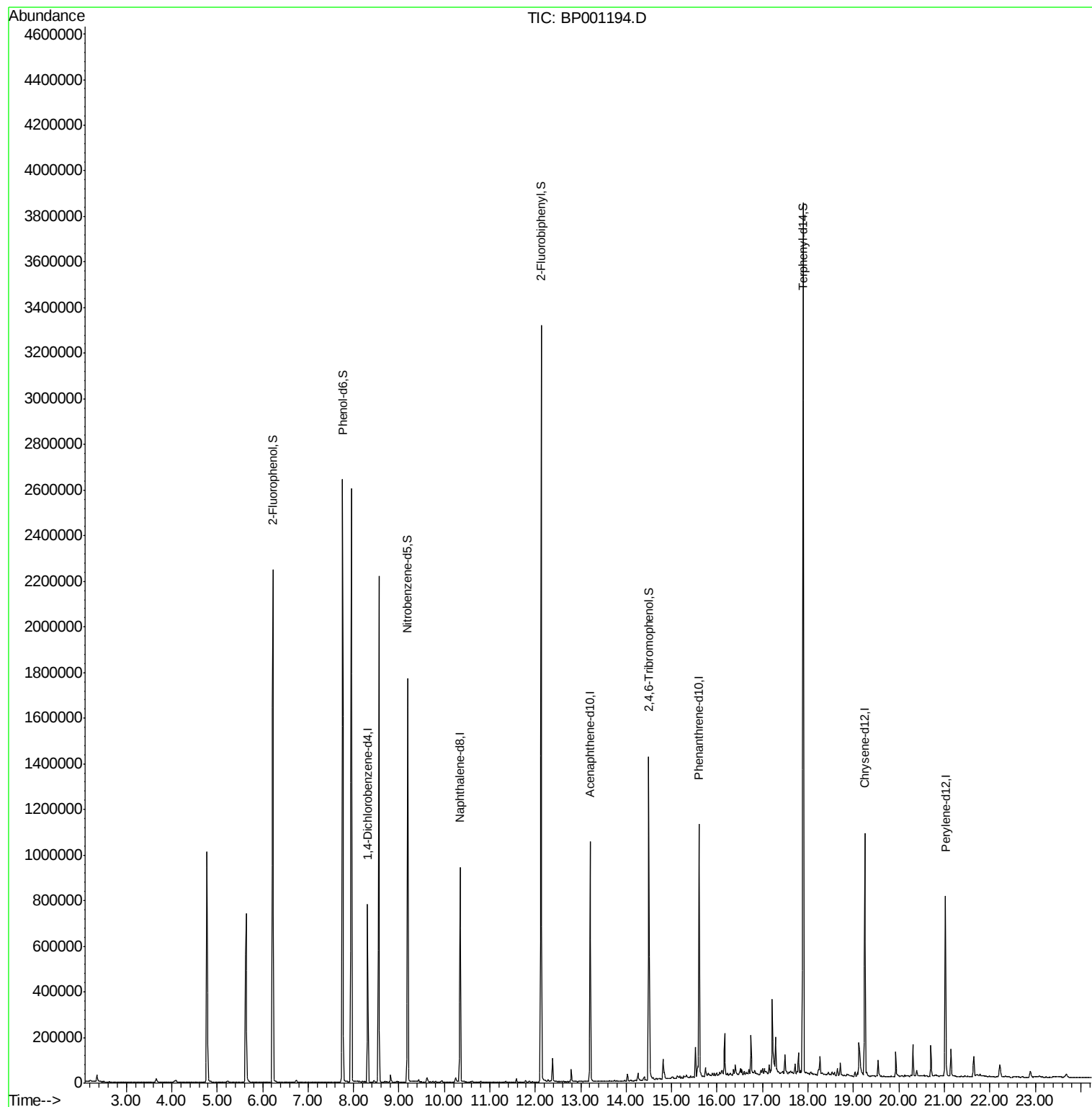
Target Compounds Qvalue

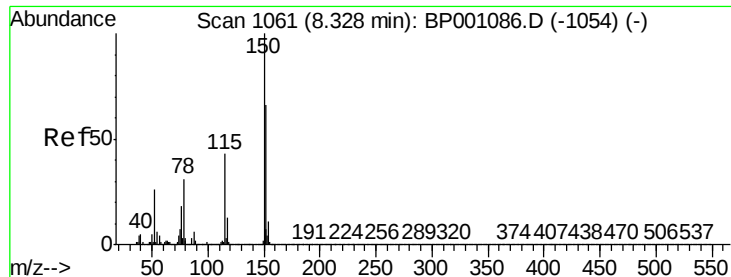
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001194.D

Acq: 04 Dec 2019 12:05

Instrument :

BNA_P

ClientSampleId :

CS-08

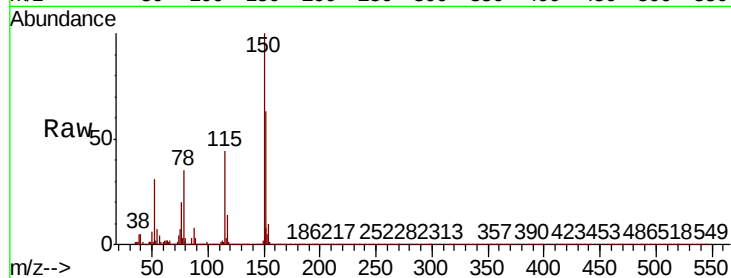
Tot Ion:152 Resp: 133076

Ion Ratio Lower Upper

152 100

150 158.6 120.6 181.0

115 69.9 51.6 77.4

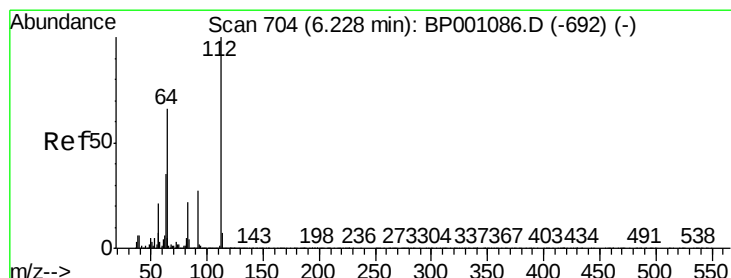
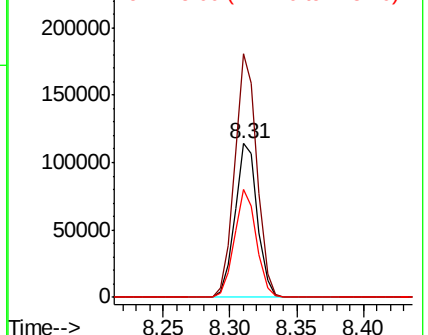
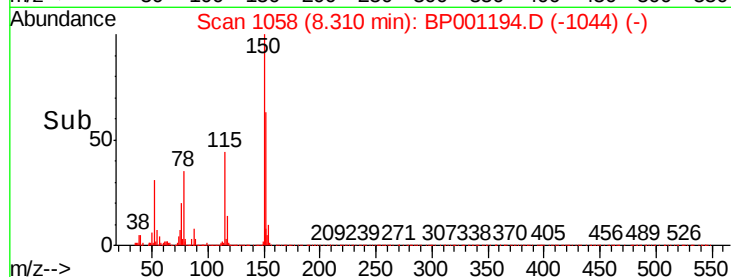


Abundance

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: 89.748 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

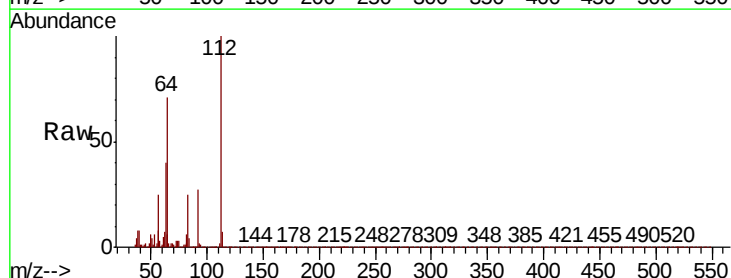
Tgt Ion:112 Resp: 719876

Ion Ratio Lower Upper

112 100

64 70.7 52.8 79.2

63 40.0 28.2 42.2

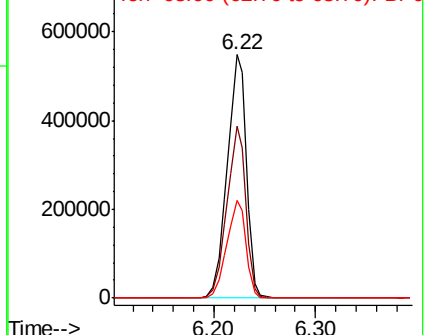
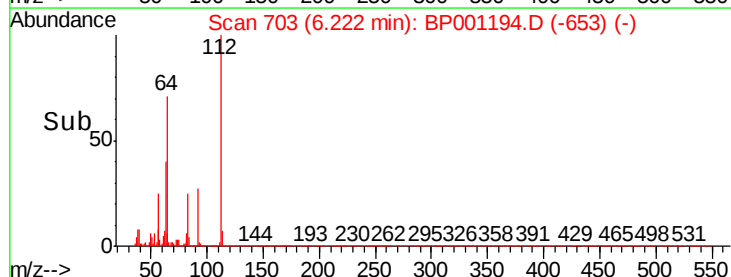


Abundance

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: 101.811 ng

RT: 7.76 min Scan# 965

Delta R.T. -0.01 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

Instrument :

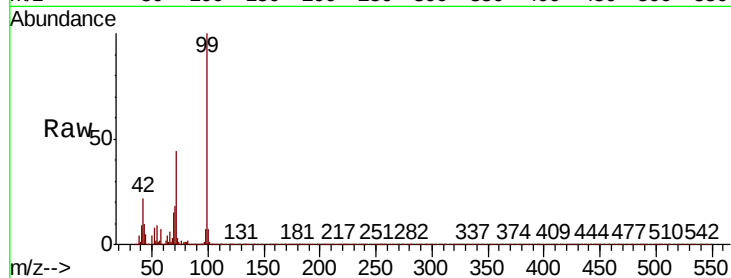
BNA_P

ClientSampleId :

CS-08

Tot Ion: 99 Resp: 1087957

Ion	Ratio	Lower	Upper
99	100		
42	21.9	15.4	23.0
71	44.3	30.8	46.2

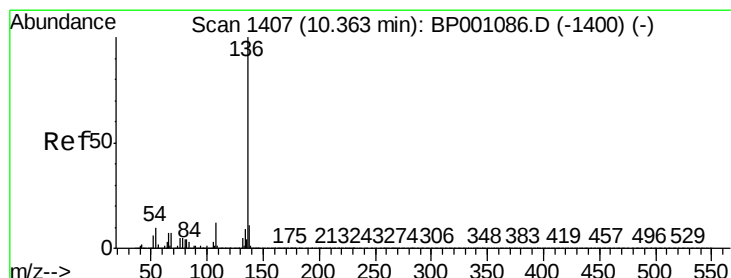
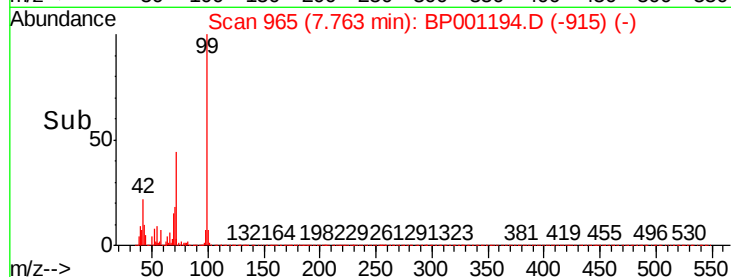
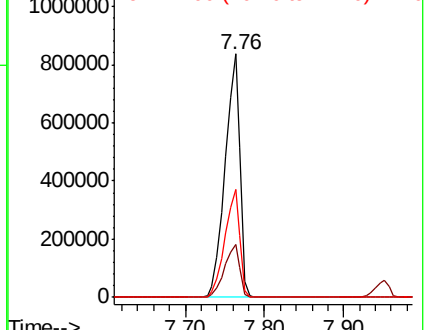


Abundance

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

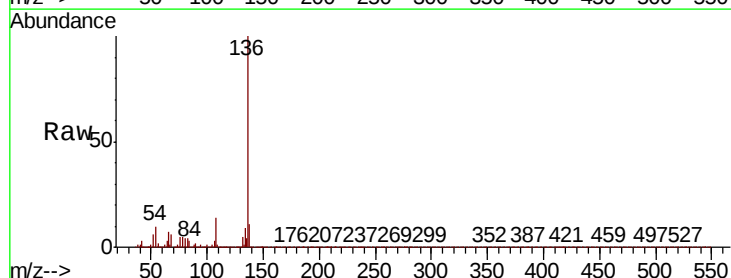
Delta R.T. -0.02 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

Tgt Ion: 136 Resp: 488251

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.8	13.2
54	9.9	7.9	11.9
68	6.3	5.6	8.4



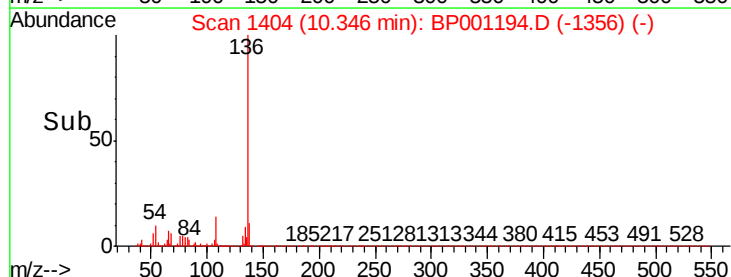
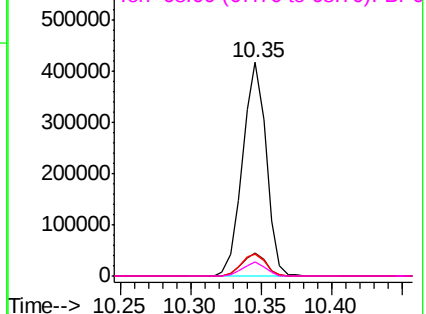
Abundance

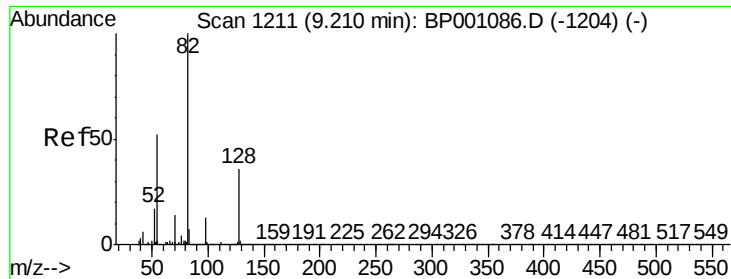
Ion 136.00 (135.70 to 136.70): E

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

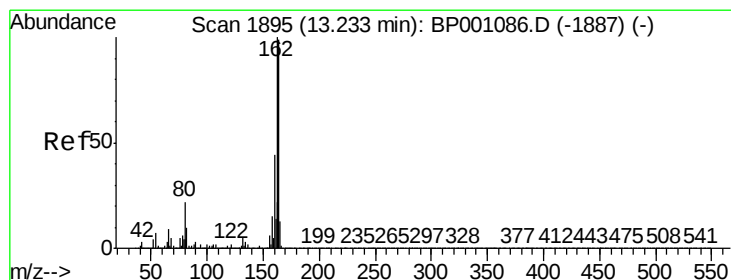
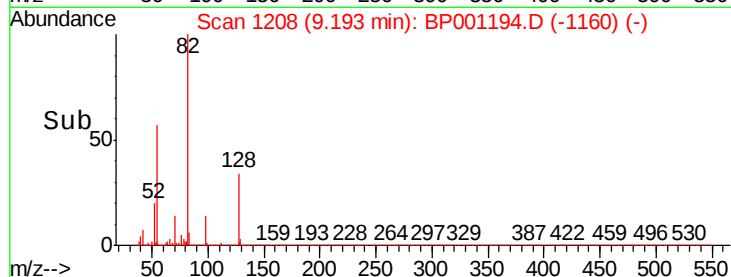
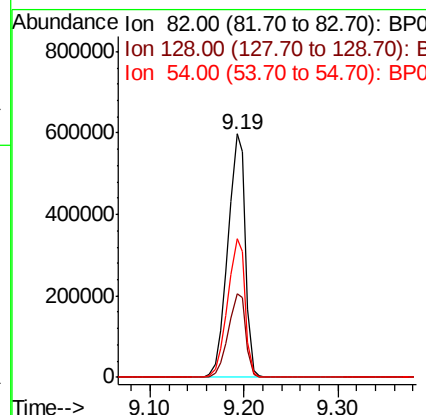
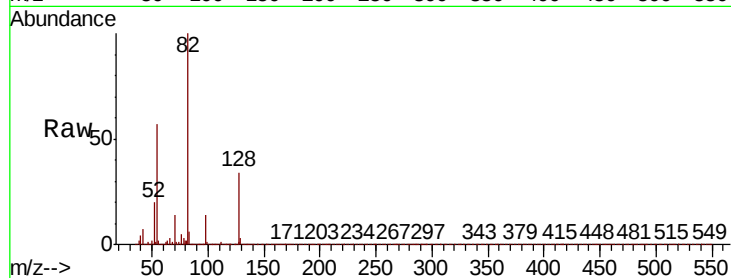




#23
Nitrobenzene-d5
Concen: 68.979 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

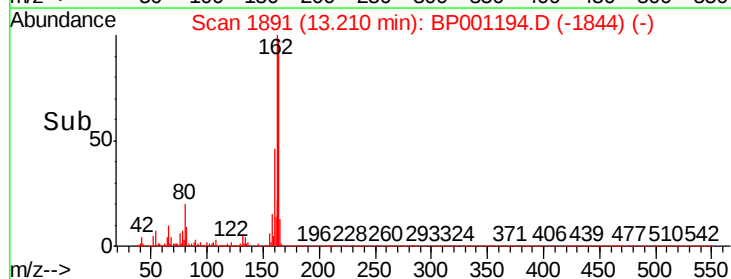
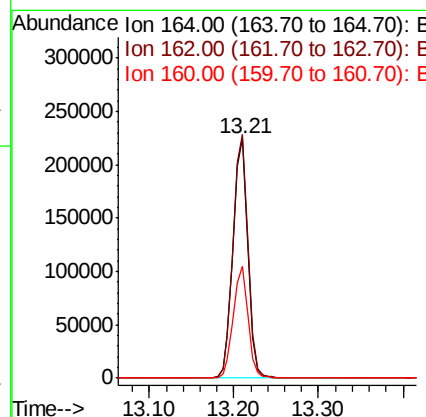
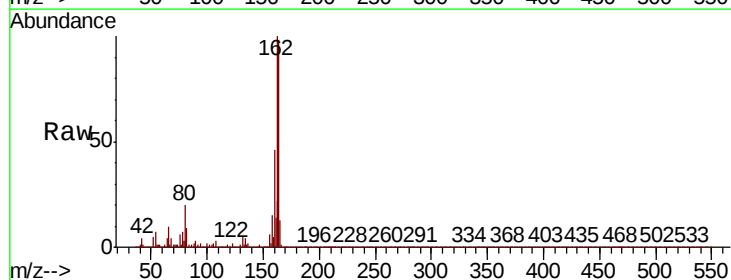
Instrument :
BNA_P
ClientSampleId :
CS-08

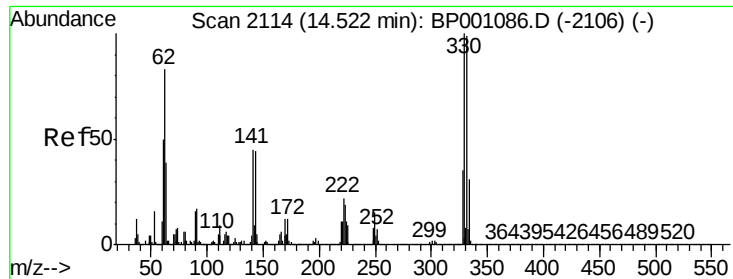
Tot Ion	82	Resp	776270
Ion Ratio	Lower	Upper	
82	100		
128	34.4	28.9	43.3
54	57.0	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Tgt Ion	164	Resp	271092
Ion Ratio	Lower	Upper	
164	100		
162	101.7	80.6	120.8
160	46.6	35.4	53.2

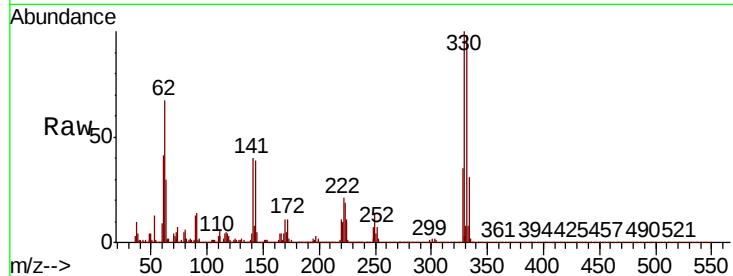




#42
2,4,6-Tribromophenol
Concen: 75.528 ng
RT: 14.50 min Scan# 2111
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Instrument :
BNA_P
ClientSampleId :
CS-08

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.6	116.4
141	45.4	34.2	51.2

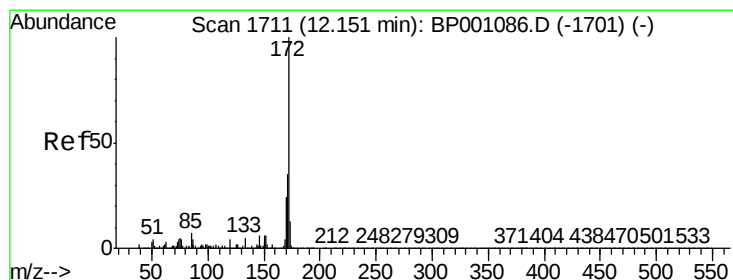
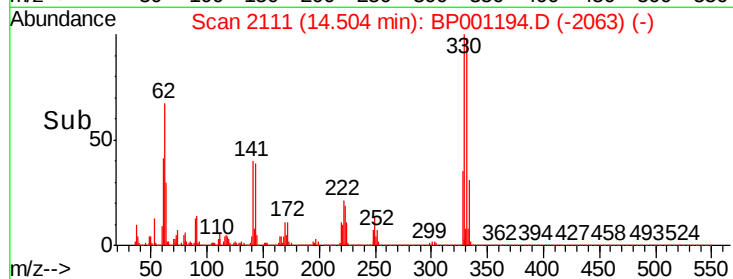
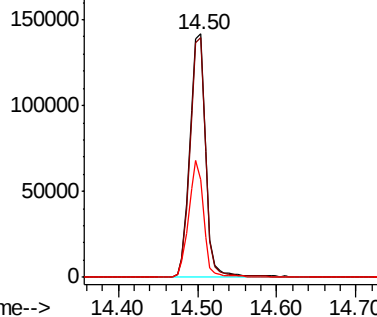


Abundance

Ion 329.80 (329.50 to 330.50): E

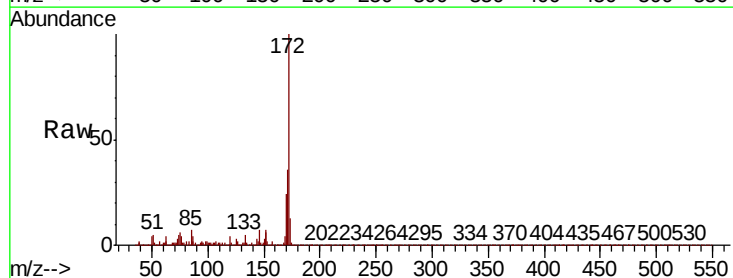
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 69.597 ng
RT: 12.13 min Scan# 1707
Delta R.T. -0.02 min
Lab File: BP001194.D
Acq: 04 Dec 2019 12:05

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	27.9	41.9
170	23.6	19.0	28.4

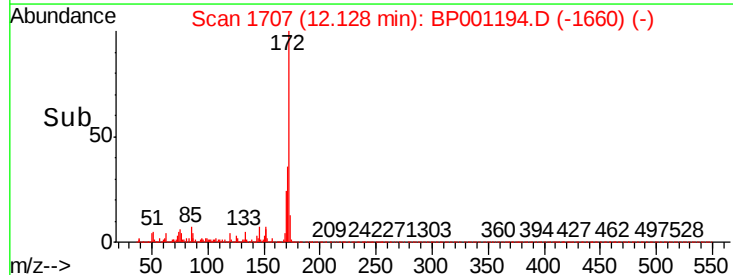
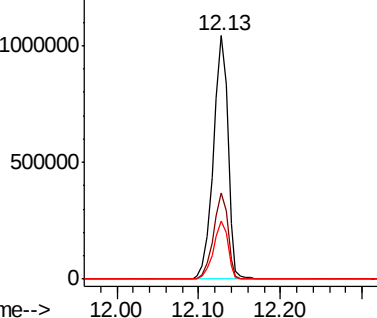


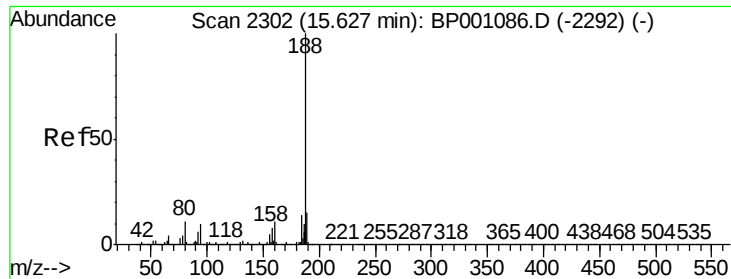
Abundance

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: BP001194.D

Acq: 04 Dec 2019 12:05

Instrument :

BNA_P

ClientSampleId :

CS-08

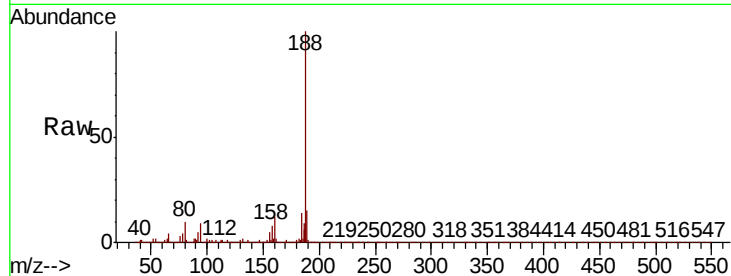
Tot Ion:188 Resp: 516348

Ion Ratio Lower Upper

188 100

94 9.0 7.9 11.9

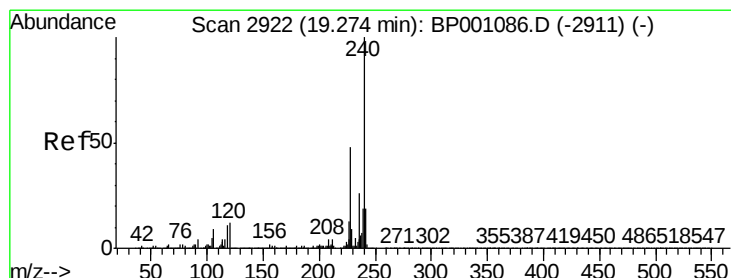
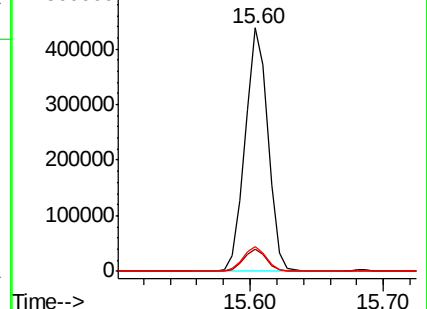
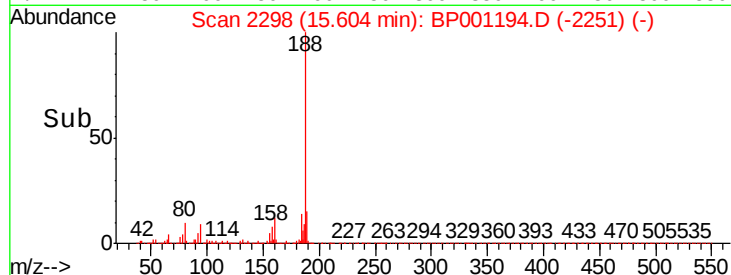
80 10.1 8.8 13.2



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: BP001194.D

Acq: 04 Dec 2019 12:05

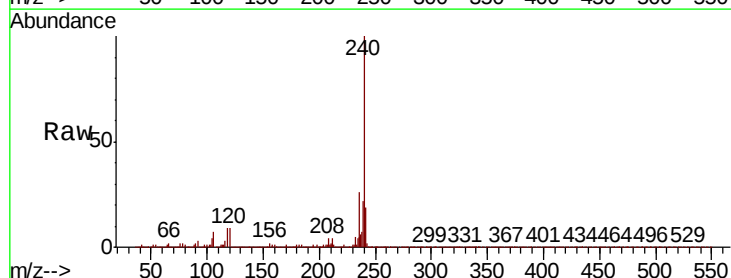
Tgt Ion:240 Resp: 399191

Ion Ratio Lower Upper

240 100

120 9.2 9.5 14.3#

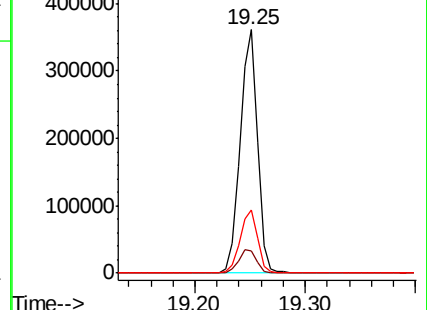
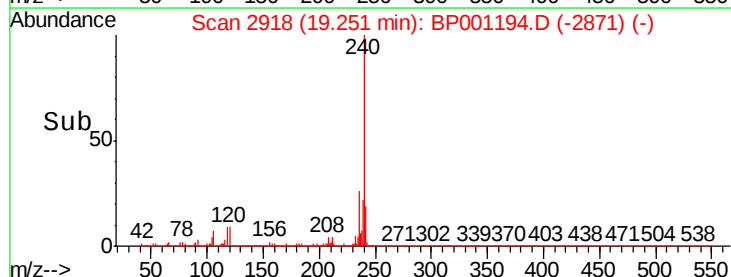
236 25.8 20.4 30.6

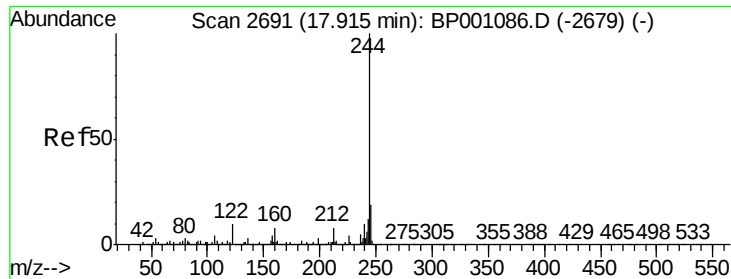


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 68.252 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.02 min

Lab File: BP001194.D

Acq: 04 Dec 2019 12:05

Instrument :

BNA_P

ClientSampleId :

CS-08

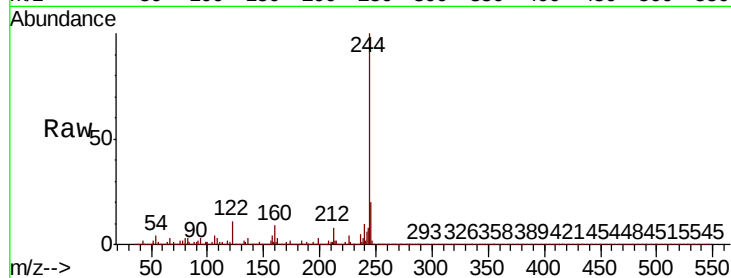
Tot Ion:244 Resp: 1472654

Ion Ratio Lower Upper

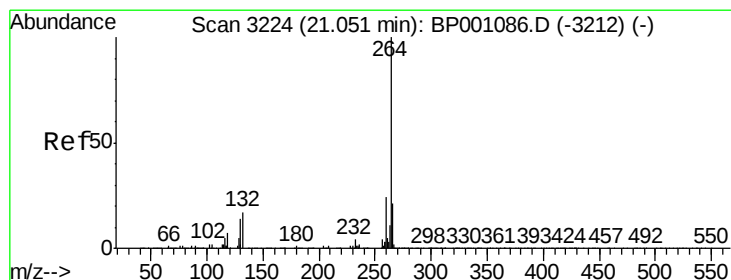
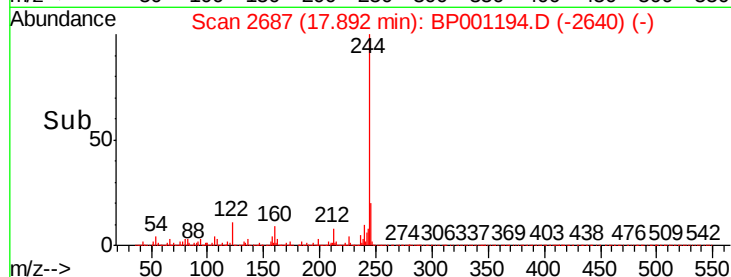
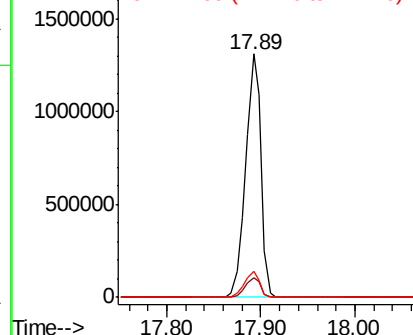
244 100

212 8.3 6.2 9.2

122 10.8 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: BP001194.D

Acq: 04 Dec 2019 12:05

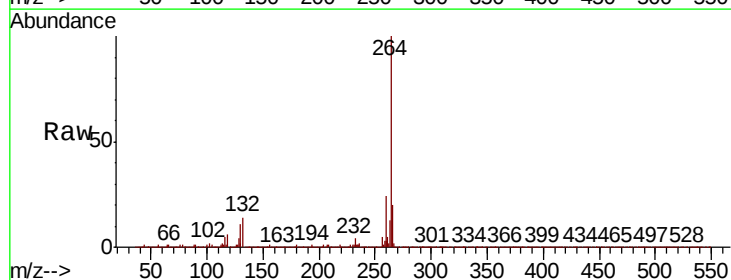
Tgt Ion:264 Resp: 416791

Ion Ratio Lower Upper

264 100

260 23.9 18.8 28.2

265 19.9 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

