

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120219\
 Data File : BP001153.D
 Acq On : 03 Dec 2019 06:29
 Operator : JU
 Sample : K6014-15
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CS-08

Quant Time: Dec 03 07:59:43 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	150689	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	544413	20.00	ng	0.00
39) Acenaphthene-d10	13.23	164	297746	20.00	ng	0.00
64) Phenanthrene-d10	15.62	188	564933	20.00	ng	0.00
76) Chrysene-d12	19.27	240	454212	20.00	ng	0.00
87) Perylene-d12	21.05	264	516104	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	814320	89.66	ng	0.00
7) Phenol-d6	7.78	99	1224944	101.23	ng	0.00
23) Nitrobenzene-d5	9.21	82	842612	67.15	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	203749	71.39	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1375753	67.63	ng	0.00
79) Terphenyl-d14	17.91	244	1571215	64.00	ng	0.00

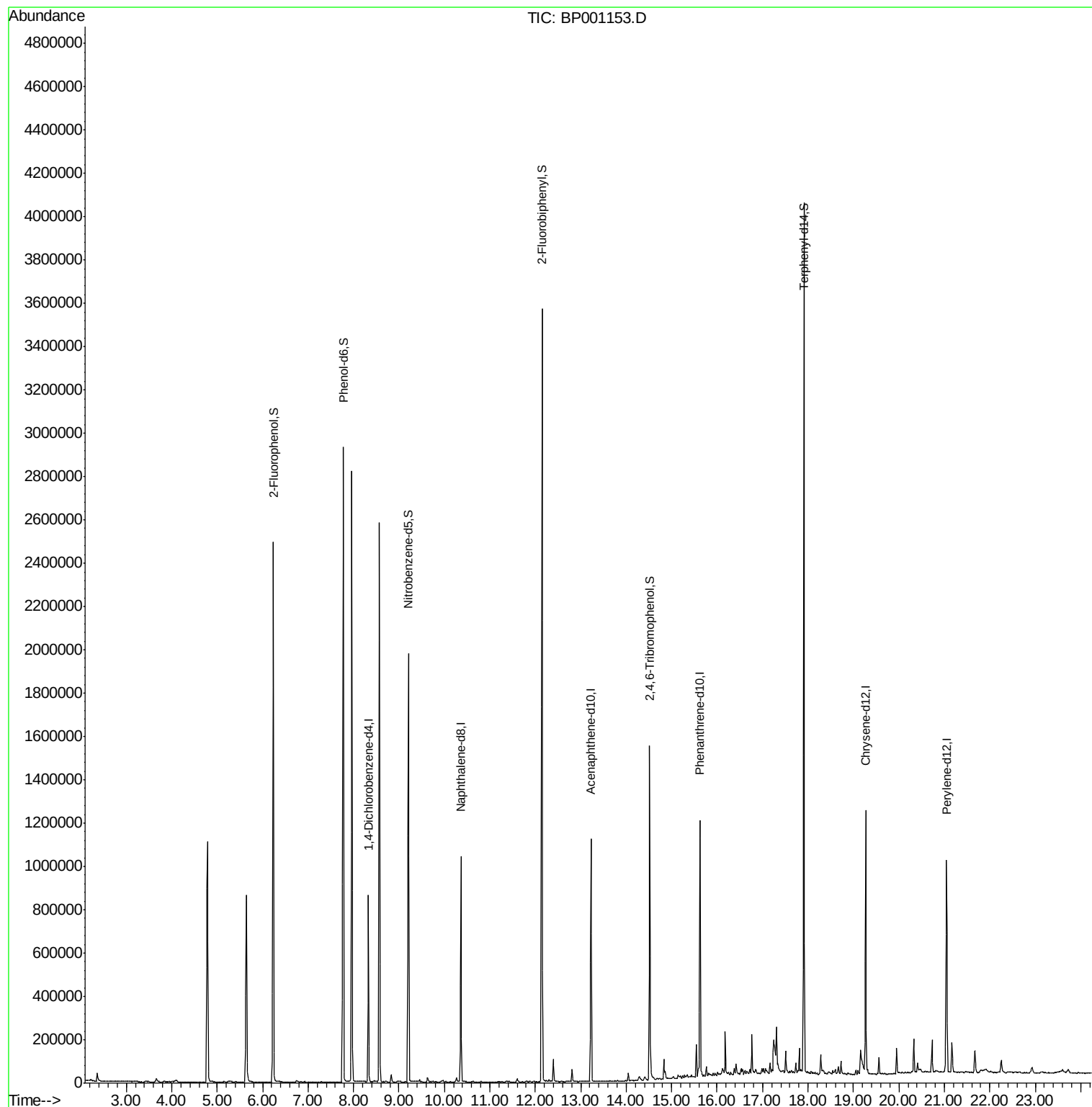
Target Compounds Qvalue

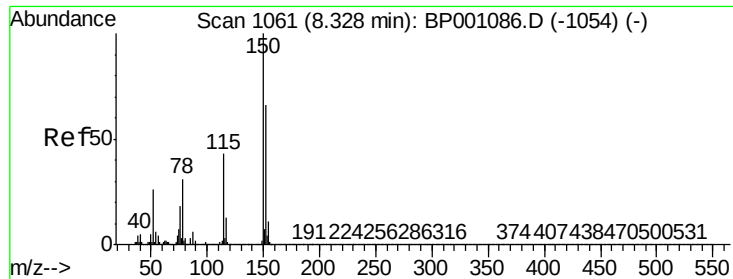
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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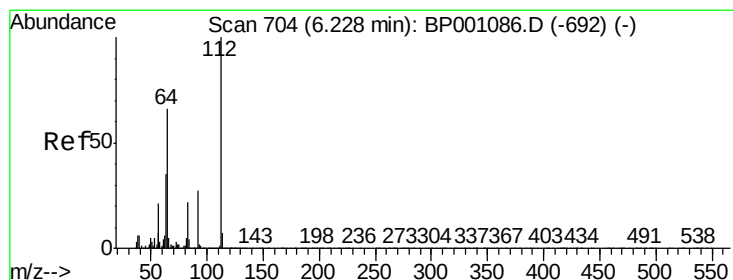
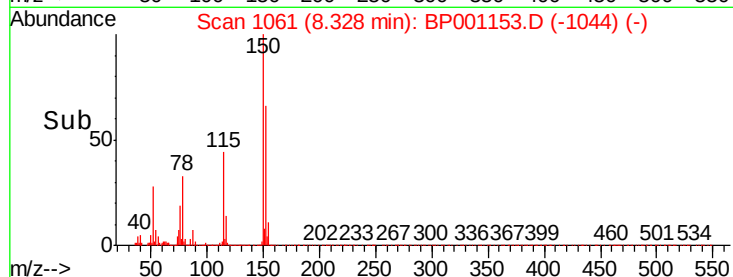
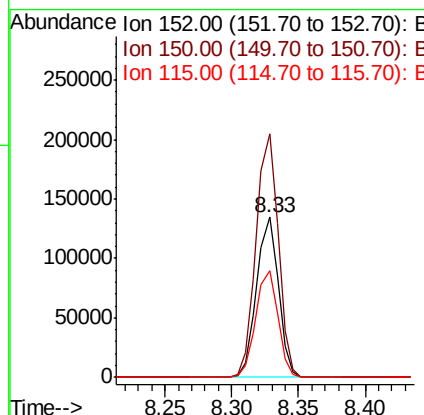
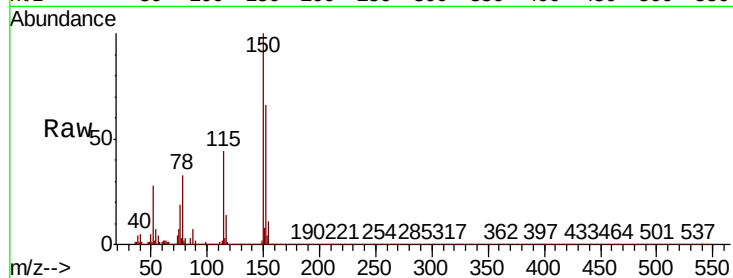




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.33 min Scan# 1061
 Delta R.T. 0.00 min
 Lab File: BP001153.D
 Acq: 03 Dec 2019 06:29

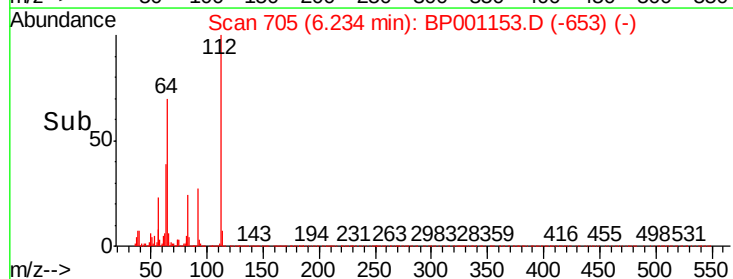
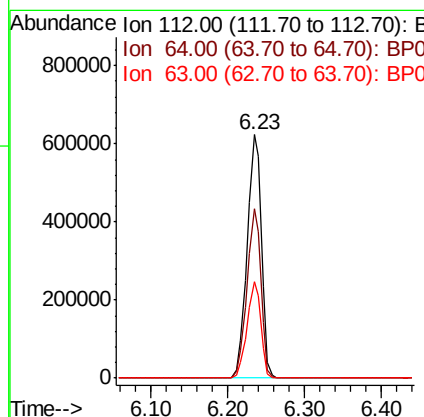
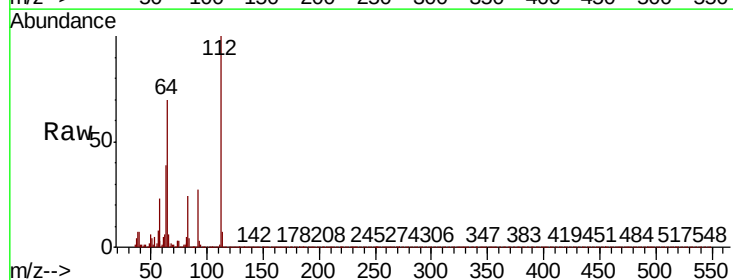
Instrument :
 BNA_P
 ClientSampled :
 CS-08

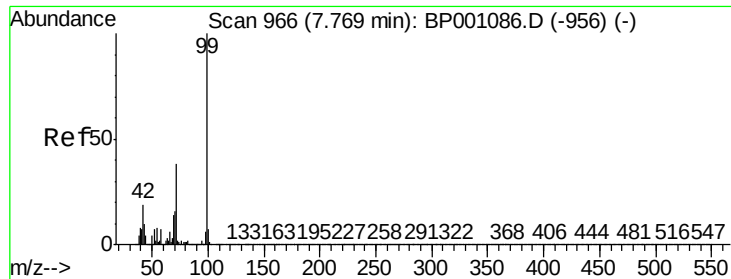
Tot Ion	Ratio	Lower	Upper
152	100		
150	152.2	120.6	181.0
115	66.8	51.6	77.4



#5
 2-Fluorophenol
 Concen: 89.656 ng
 RT: 6.23 min Scan# 705
 Delta R.T. 0.01 min
 Lab File: BP001153.D
 Acq: 03 Dec 2019 06:29

Tgt Ion	Ratio	Lower	Upper
112	100		
64	69.8	52.8	79.2
63	39.4	28.2	42.2





#7

Phenol-d6

Concen: 101.232 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

Instrument :

BNA_P

ClientSampleId :

CS-08

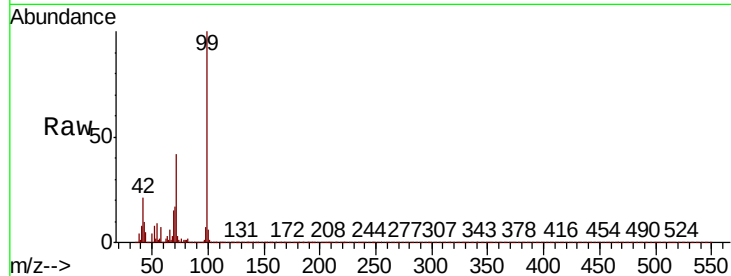
Tot Ion: 99 Resp: 1224944

Ion	Ratio	Lower	Upper
99	100		
42	20.8	15.4	23.0
71	41.8	30.8	46.2

99 100

42 20.8 15.4 23.0

71 41.8 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

1200000

1000000

800000

600000

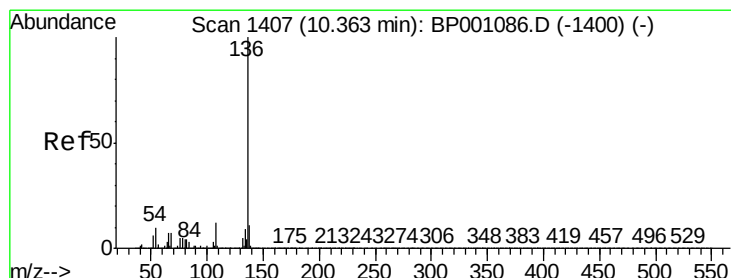
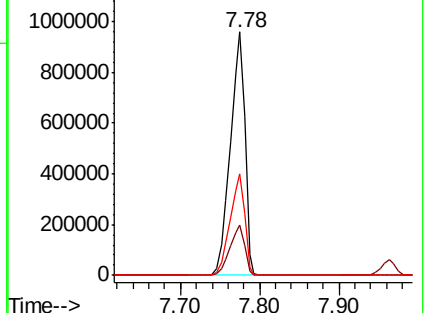
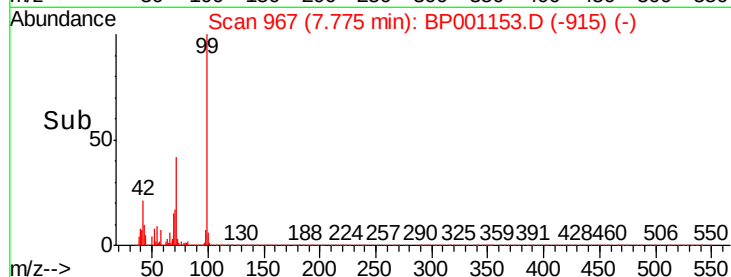
400000

200000

0

7.78

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.36 min Scan# 1407

Delta R.T. 0.00 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

Tgt Ion: 136 Resp: 544413

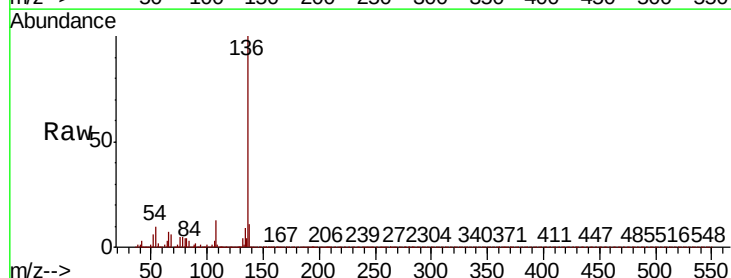
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.6	7.9	11.9
68	6.4	5.6	8.4

136 100

137 10.7 8.8 13.2

54 9.6 7.9 11.9

68 6.4 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

600000

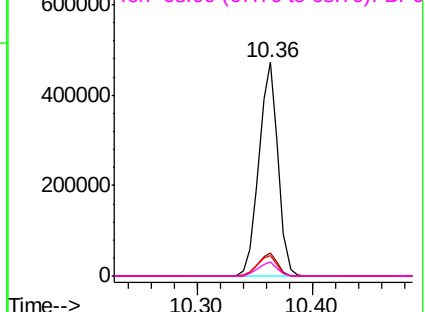
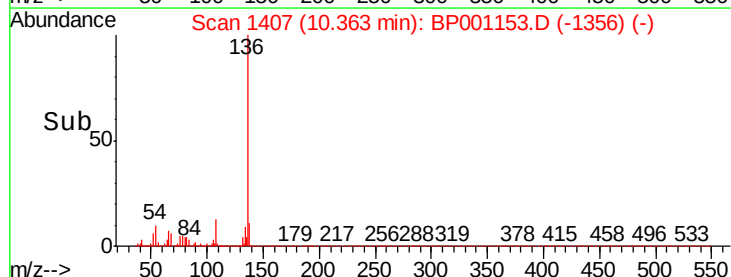
400000

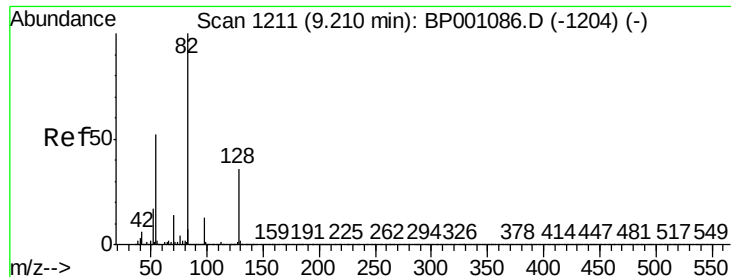
200000

0

10.36

Time-->

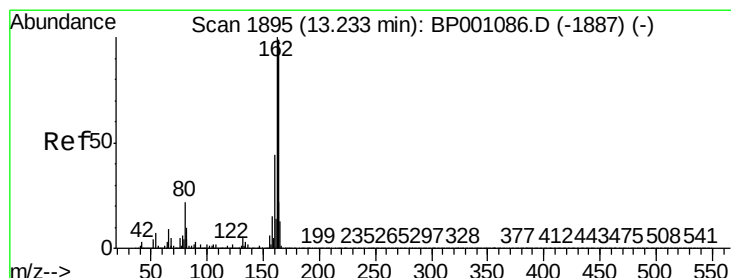
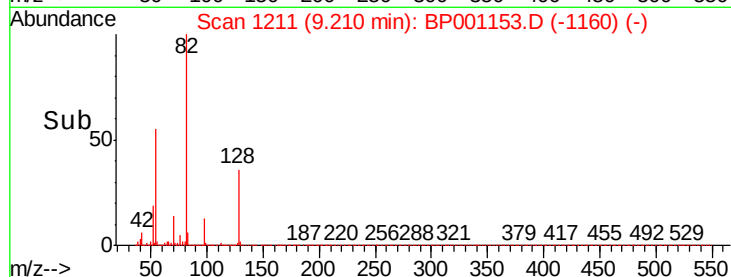
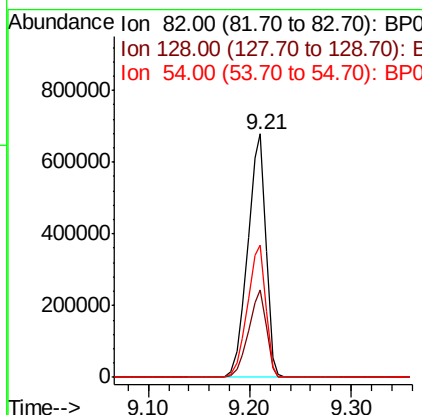
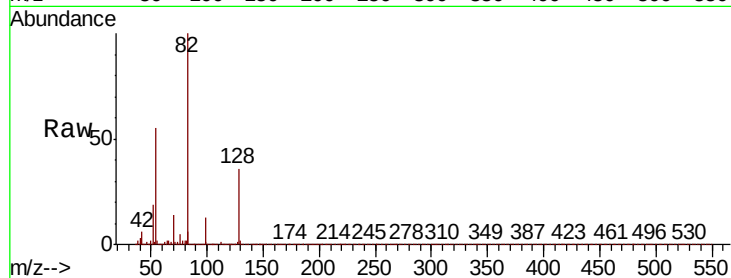




#23
 Nitrobenzene-d5
 Concen: 67.150 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001153.D
 Acq: 03 Dec 2019 06:29

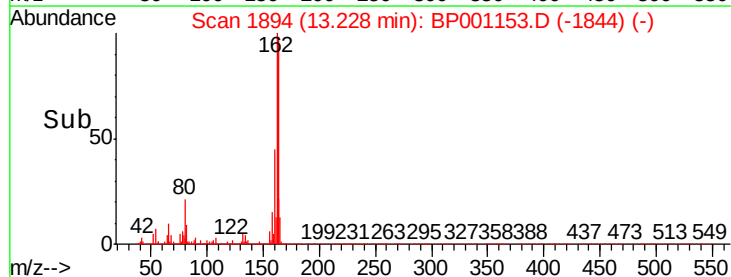
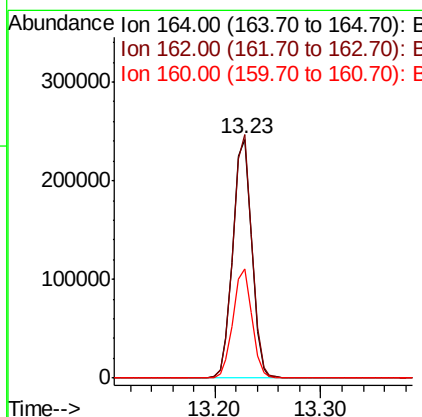
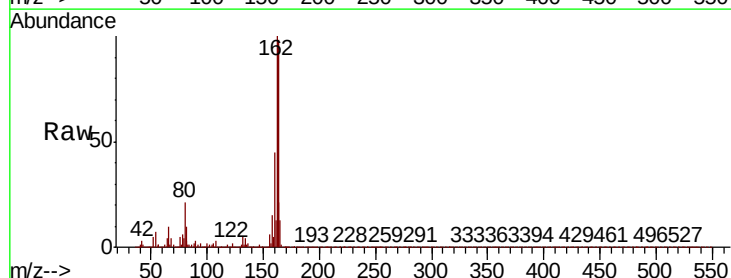
Instrument :
 BNA_P
 ClientSampleId :
 CS-08

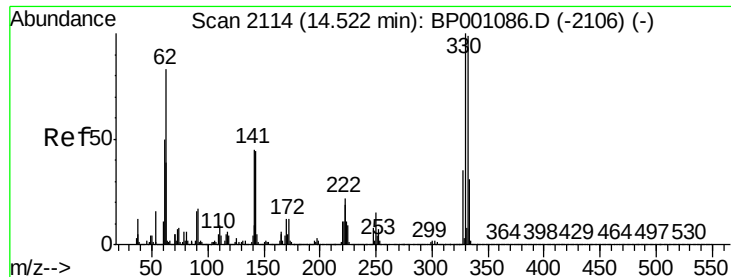
Tot Ion	82	Resp	842612
Ion Ratio	Lower	Upper	
82	100		
128	35.7	28.9	43.3
54	54.6	41.9	62.9



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.23 min Scan# 1894
 Delta R.T. -0.01 min
 Lab File: BP001153.D
 Acq: 03 Dec 2019 06:29

Tgt Ion	164	Resp	297746
Ion Ratio	Lower	Upper	
164	100		
162	102.0	80.6	120.8
160	45.6	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 71.393 ng

RT: 14.52 min Scan# 2113

Delta R.T. -0.01 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

Instrument :

BNA_P

ClientSampleId :

CS-08

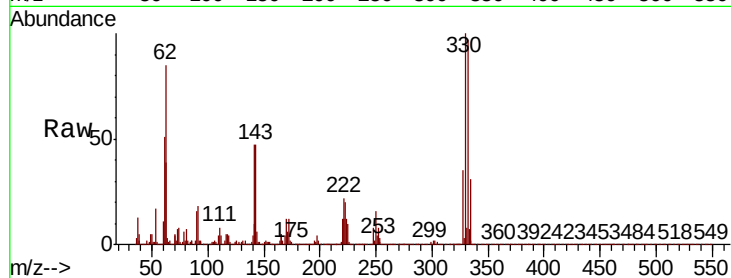
Tot Ion:330 Resp: 203749

Ion Ratio Lower Upper

330 100

332 95.9 77.6 116.4

141 43.9 34.2 51.2

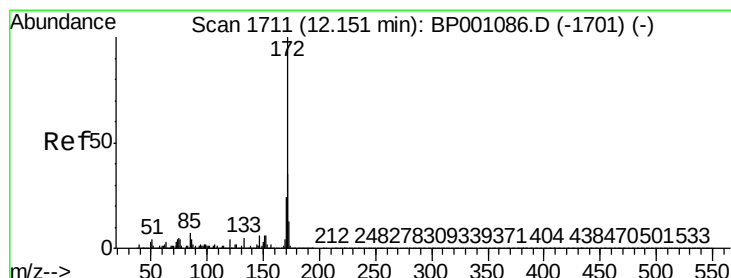
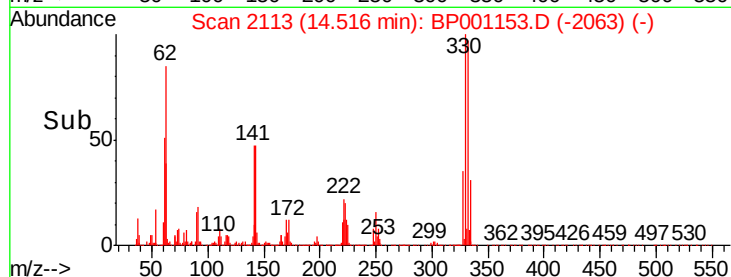
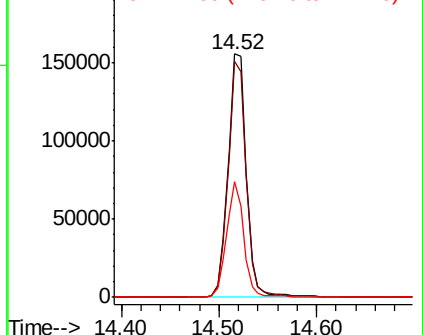


Abundance

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: 67.625 ng

RT: 12.15 min Scan# 1710

Delta R.T. -0.01 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

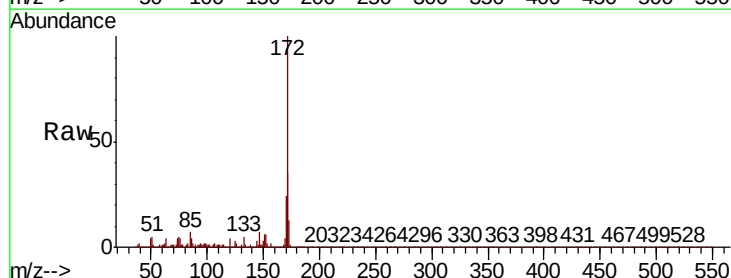
Tgt Ion:172 Resp: 1375753

Ion Ratio Lower Upper

172 100

171 35.4 27.9 41.9

170 23.8 19.0 28.4

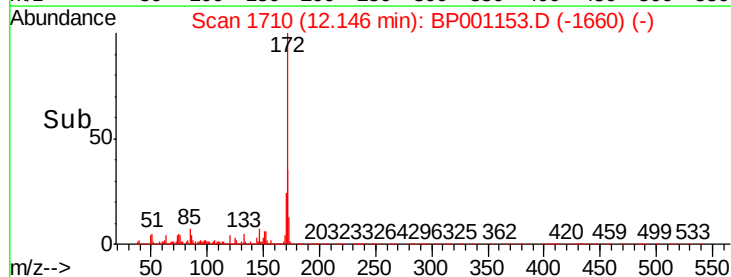
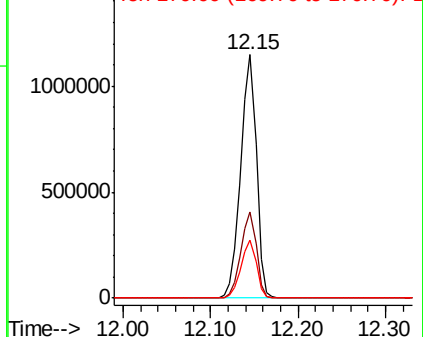


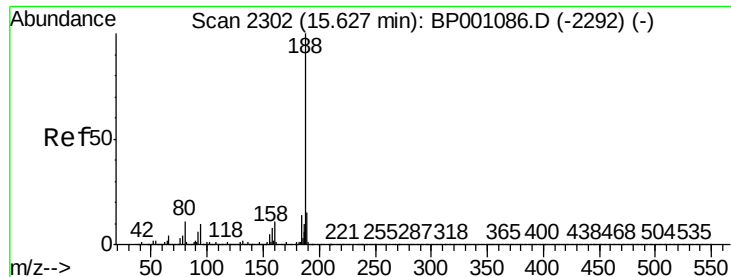
Abundance

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: 15.62 min Scan# 2301

Delta R.T. -0.01 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

Instrument :

BNA_P

ClientSampleId :

CS-08

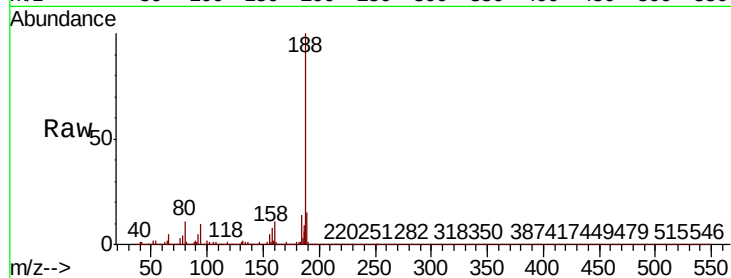
Tot Ion:188 Resp: 564933

Ion Ratio Lower Upper

188 100

94 10.3 7.9 11.9

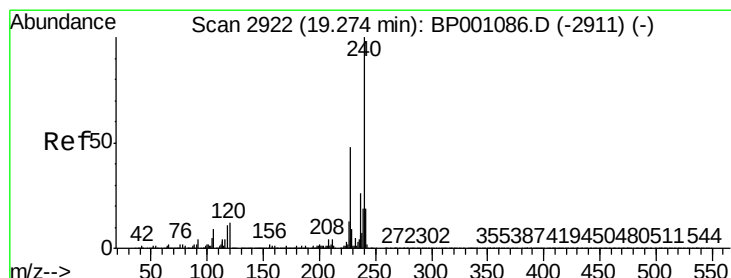
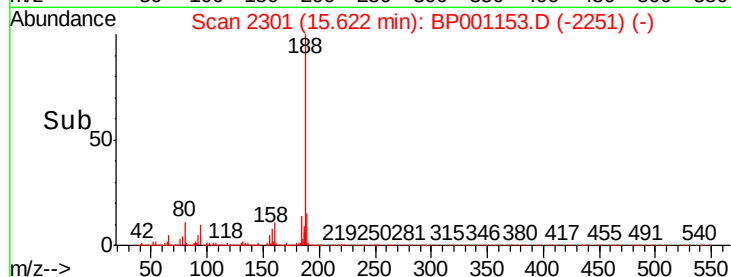
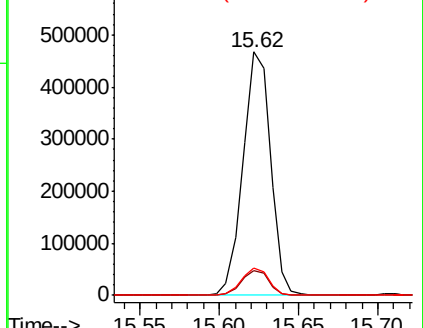
80 11.0 8.8 13.2



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: 19.27 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

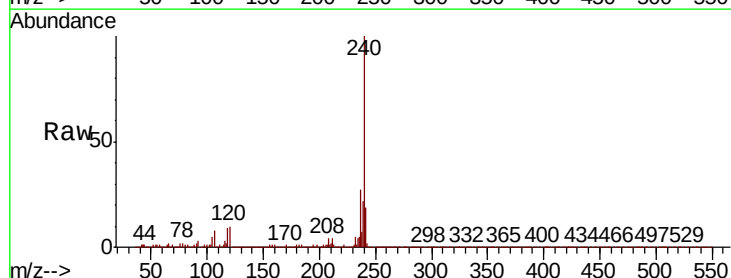
Tgt Ion:240 Resp: 454212

Ion Ratio Lower Upper

240 100

120 10.2 9.5 14.3

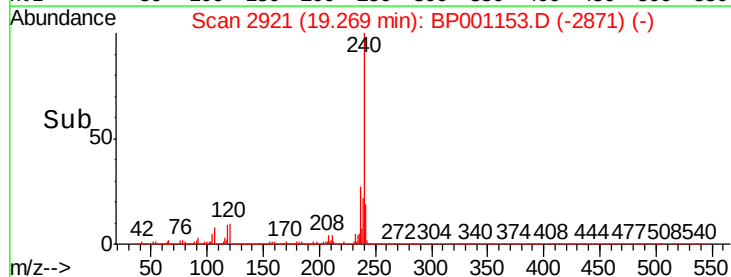
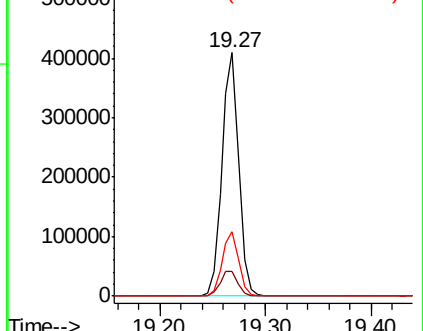
236 26.6 20.4 30.6

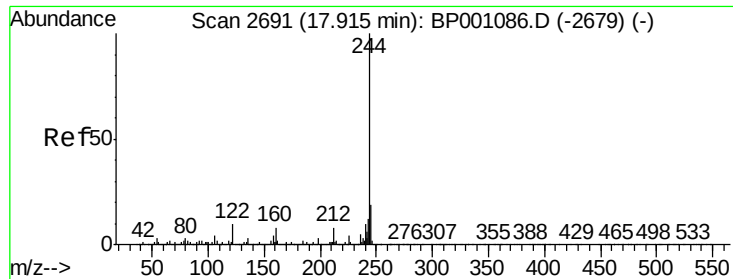


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 63.999 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

Instrument :

BNA_P

ClientSampleId :

CS-08

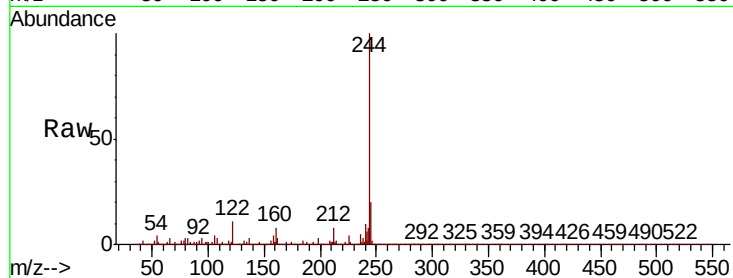
Tot Ion:244 Resp: 1571215

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

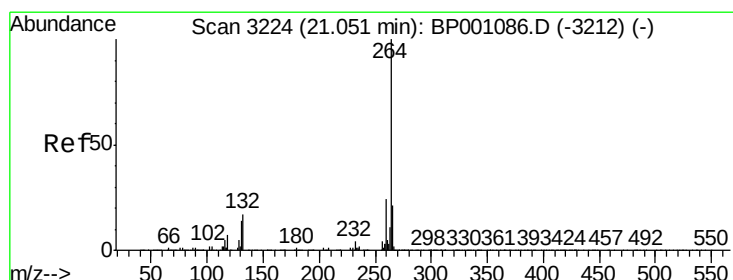
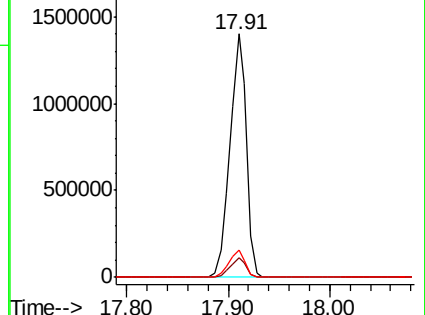
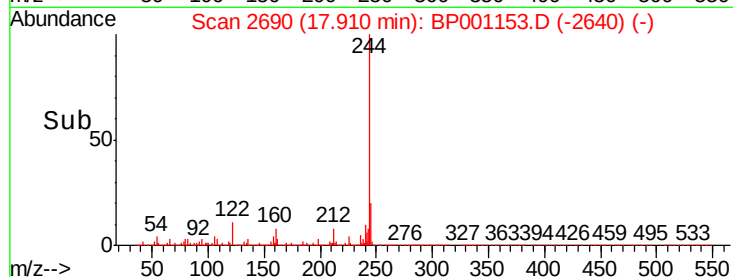
122 11.1 8.2 12.2



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: 21.05 min Scan# 3224

Delta R.T. 0.00 min

Lab File: BP001153.D

Acq: 03 Dec 2019 06:29

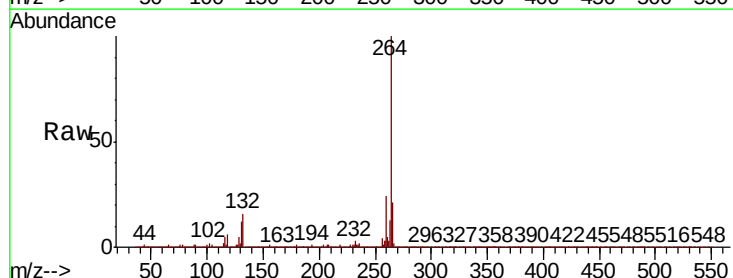
Tgt Ion:264 Resp: 516104

Ion Ratio Lower Upper

264 100

260 24.1 18.8 28.2

265 21.4 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

