

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP112719\
 Data File : BP001114.D
 Acq On : 28 Nov 2019 08:17
 Operator : JU
 Sample : K6013-03
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 600436752

Quant Time: Nov 29 03:06:20 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

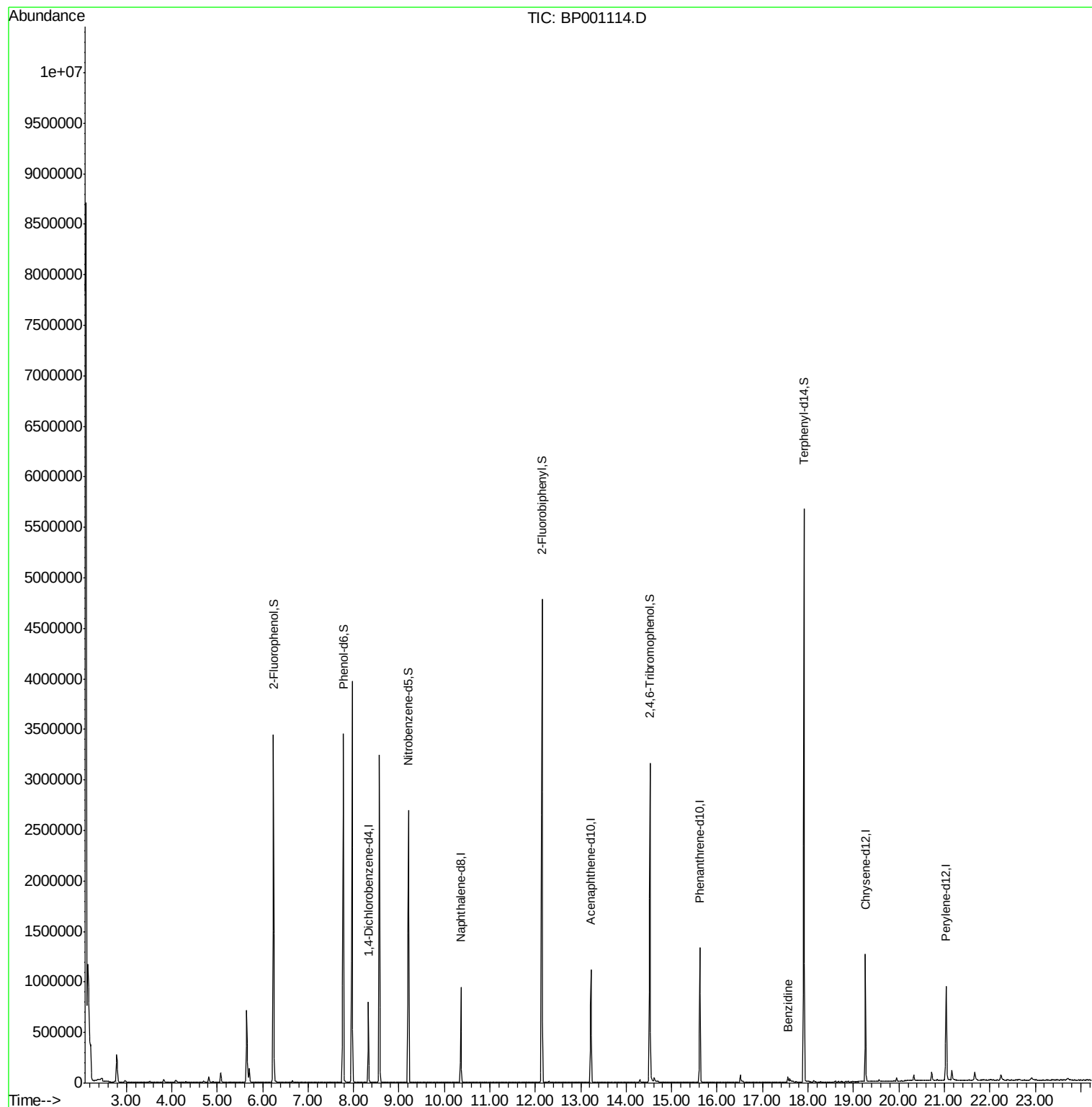
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.33	152	140865	20.00	ng	0.00
21) Naphthalene-d8	10.36	136	527995	20.00	ng	0.00
39) Acenaphthene-d10	13.22	164	298962	20.00	ng	-0.01
64) Phenanthrene-d10	15.62	188	588043	20.00	ng	0.00
76) Chrysene-d12	19.26	240	461545	20.00	ng	-0.01
87) Perylene-d12	21.04	264	486426	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.25	112	1229195	144.77	ng	0.02
7) Phenol-d6	7.78	99	1548519	136.90	ng	0.00
23) Nitrobenzene-d5	9.21	82	1163775	95.63	ng	0.00
42) 2,4,6-Tribromophenol	14.52	330	434586	151.66	ng	0.00
45) 2-Fluorobiphenyl	12.15	172	1919693	93.98	ng	0.00
79) Terphenyl-d14	17.91	244	2389979	95.80	ng	0.00
Target Compounds						
77) Benzidine	17.56	184	25114	2.107	ng	Qvalue 100

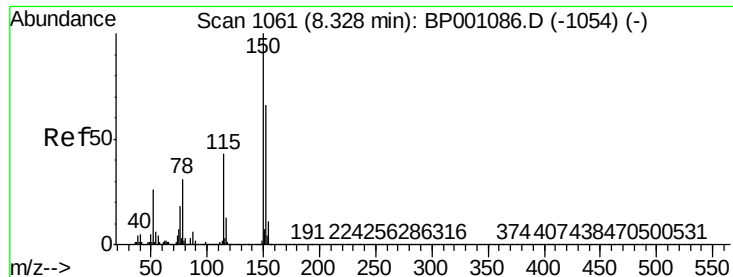
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BP001114.D

Acq: 28 Nov 2019 08:17

Instrument :

BNA_P

ClientSampleId :

600436752

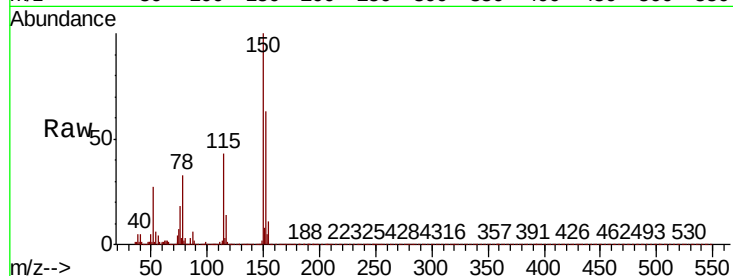
Tot Ion:152 Resp: 140865

Ion Ratio Lower Upper

152 100

150 158.4 120.6 181.0

115 68.0 51.6 77.4

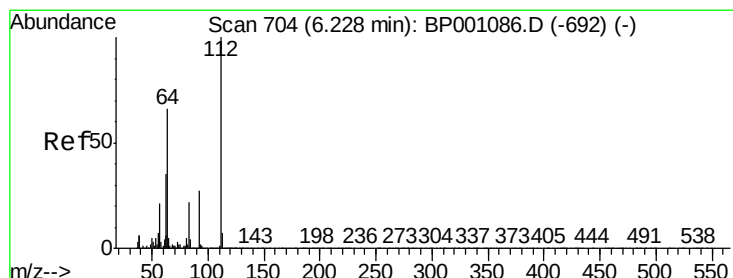
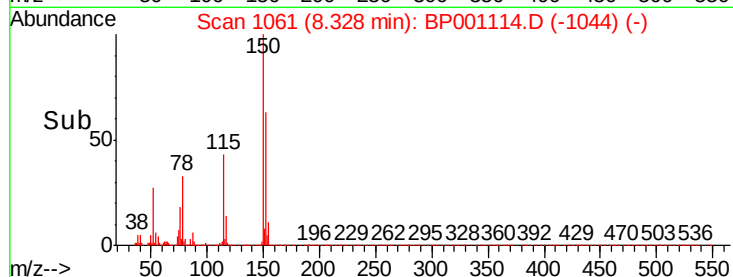
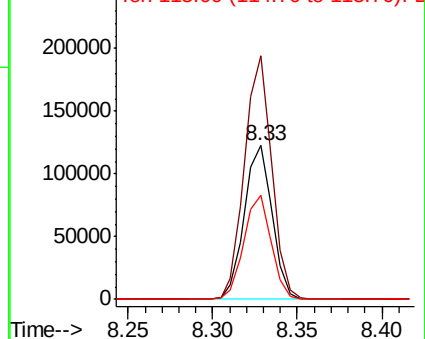


Abundance

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: 144.772 ng

RT: 6.25 min Scan# 707

Delta R.T. 0.02 min

Lab File: BP001114.D

Acq: 28 Nov 2019 08:17

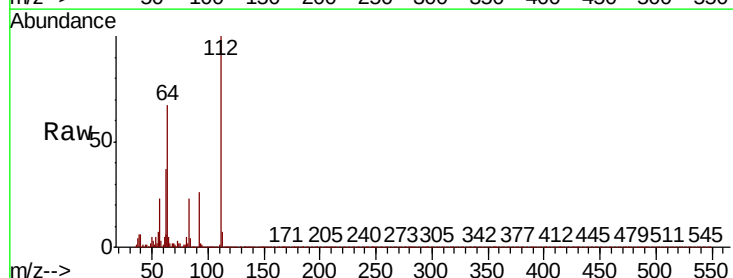
Tgt Ion:112 Resp: 1229195

Ion Ratio Lower Upper

112 100

64 66.8 52.8 79.2

63 37.1 28.2 42.2

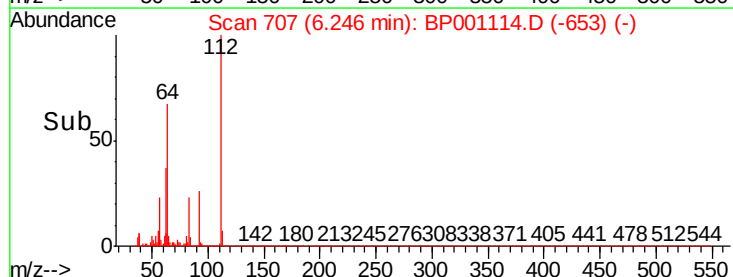
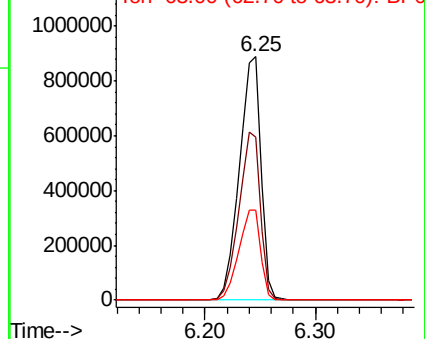


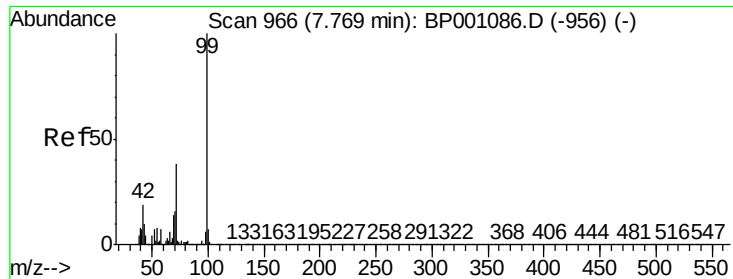
Abundance

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: 136.898 ng

RT: 7.78 min Scan# 967

Delta R.T. 0.01 min

Lab File: BP001114.D

Acq: 28 Nov 2019 08:17

Instrument :

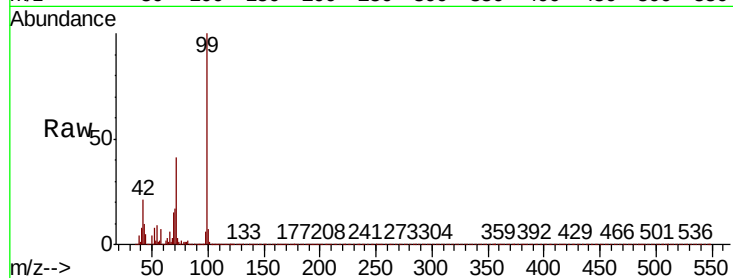
BNA_P

ClientSampleId :

600436752

Tot Ion: 99 Resp: 1548519

Ion	Ratio	Lower	Upper
99	100		
42	21.0	15.4	23.0
71	41.3	30.8	46.2

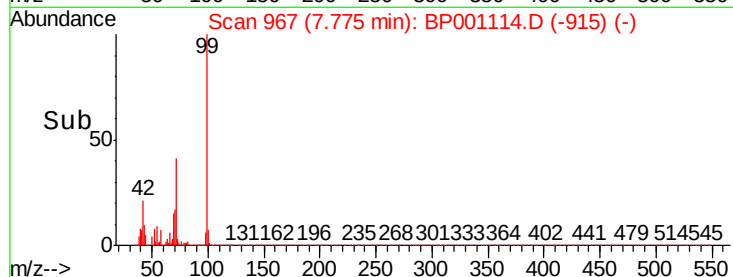


Abundance

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

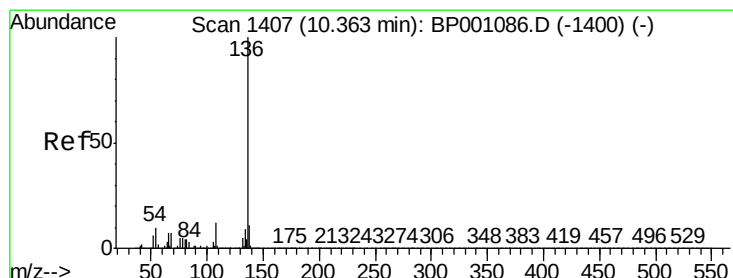


Abundance

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: 10.36 min Scan# 1407

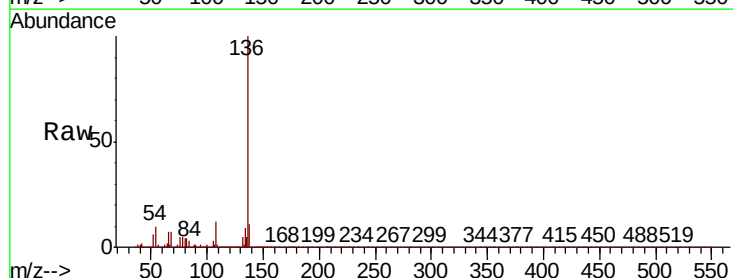
Delta R.T. 0.00 min

Lab File: BP001114.D

Acq: 28 Nov 2019 08:17

Tgt Ion: 136 Resp: 527995

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.8	13.2
54	9.9	7.9	11.9
68	6.9	5.6	8.4



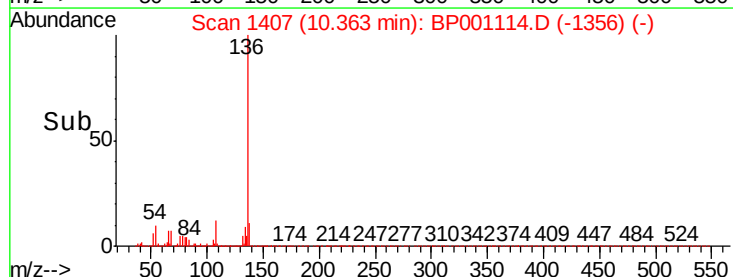
Abundance

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



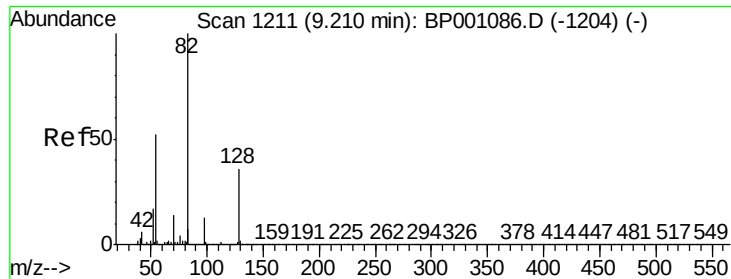
Abundance

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

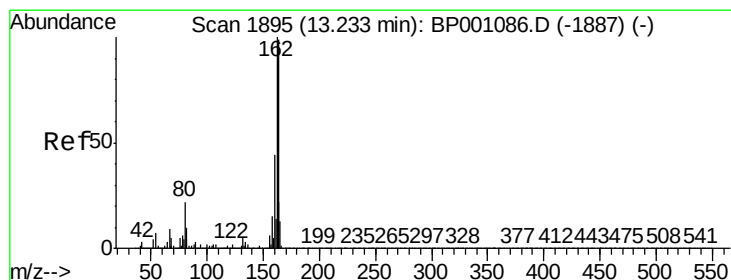
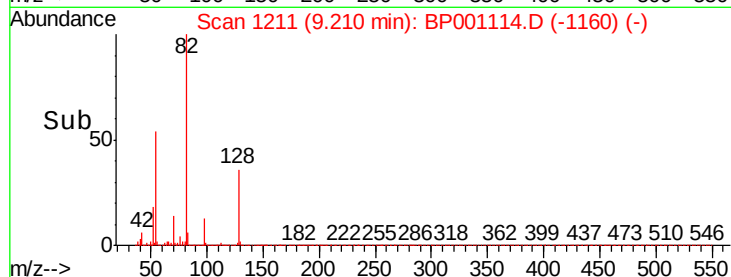
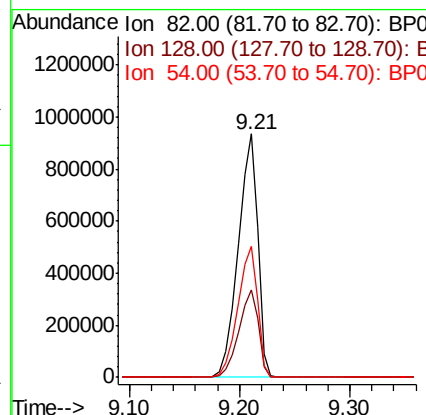
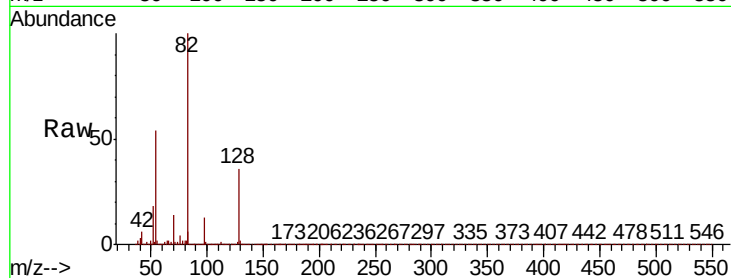


#23
 Nitrobenzene-d5
 Concen: 95.628 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. 0.00 min
 Lab File: BP001114.D
 Acq: 28 Nov 2019 08:17

Instrument :
 BNA_P
 ClientSampleId :
 600436752

Tot Ion: 82 Resp: 1163775

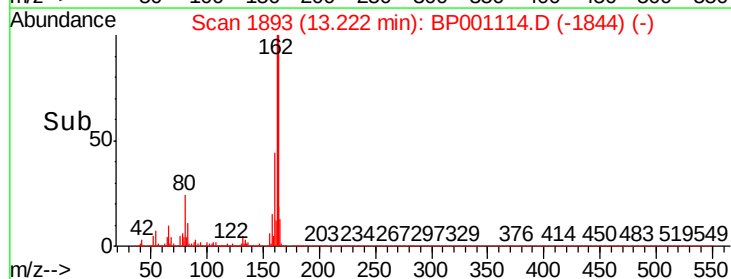
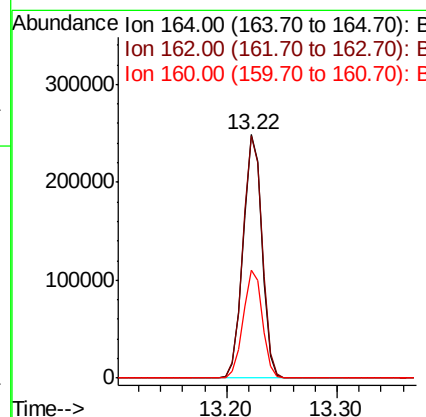
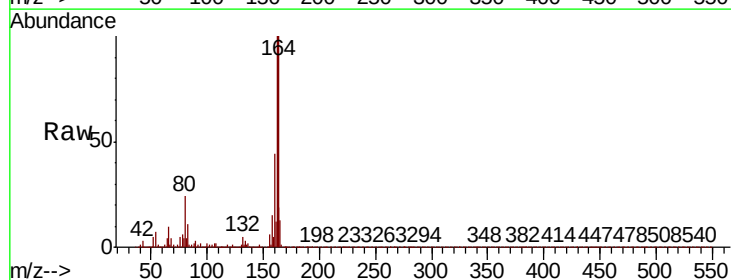
Ion	Ratio	Lower	Upper
82	100		
128	35.9	28.9	43.3
54	53.9	41.9	62.9

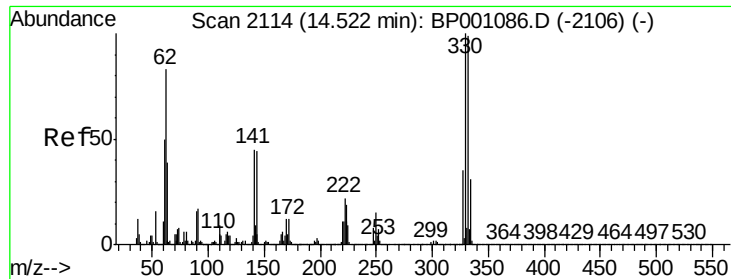


#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.22 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BP001114.D
 Acq: 28 Nov 2019 08:17

Tgt Ion: 164 Resp: 298962

Ion	Ratio	Lower	Upper
164	100		
162	99.8	80.6	120.8
160	44.3	35.4	53.2

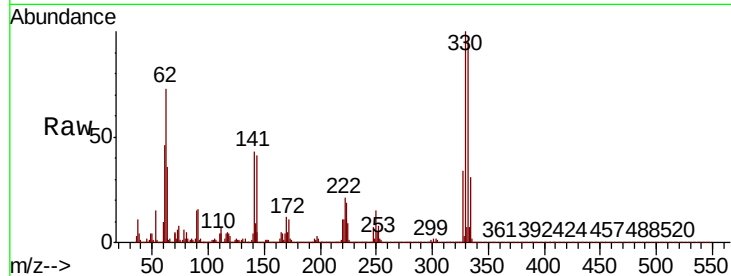




#42
2,4,6-Tribromophenol
Concen: 151.659 ng
RT: 14.52 min Scan# 2114
Delta R.T. 0.00 min
Lab File: BP001114.D
Acq: 28 Nov 2019 08:17

Instrument :
BNA_P
ClientSampleId :
600436752

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.6	116.4
141	44.3	34.2	51.2

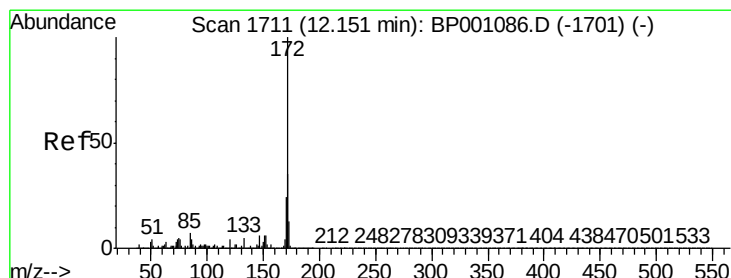
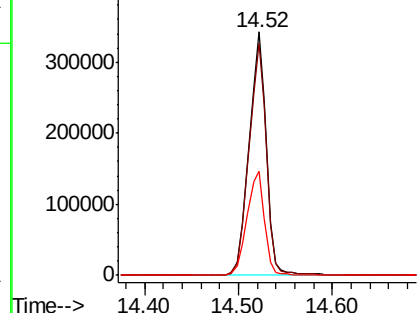
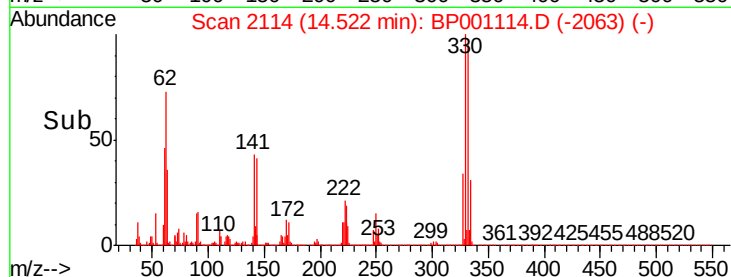


Abundance

Ion 329.80 (329.50 to 330.50): E

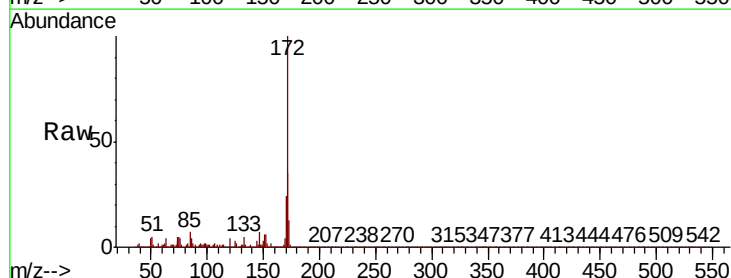
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
2-Fluorobiphenyl
Concen: 93.979 ng
RT: 12.15 min Scan# 1710
Delta R.T. -0.01 min
Lab File: BP001114.D
Acq: 28 Nov 2019 08:17

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	27.9	41.9
170	23.8	19.0	28.4

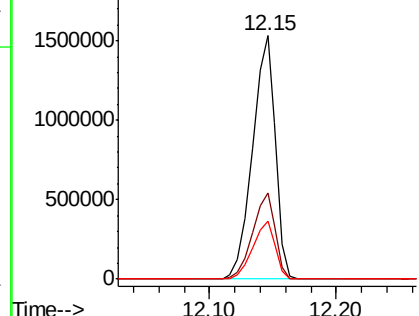
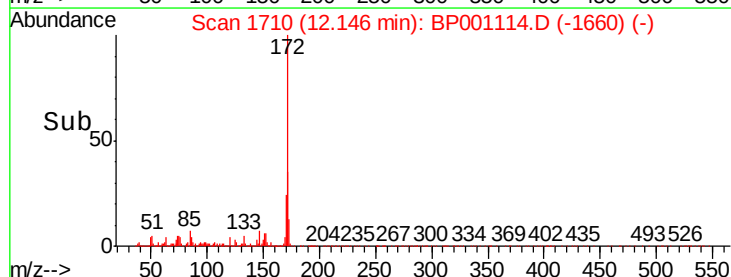


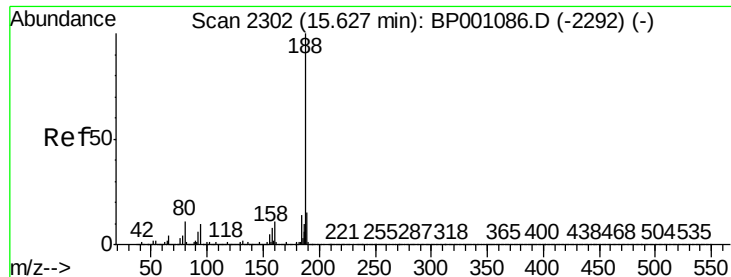
Abundance

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: BP001114.D

Acq: 28 Nov 2019 08:17

Instrument :

BNA_P

ClientSampleId :

600436752

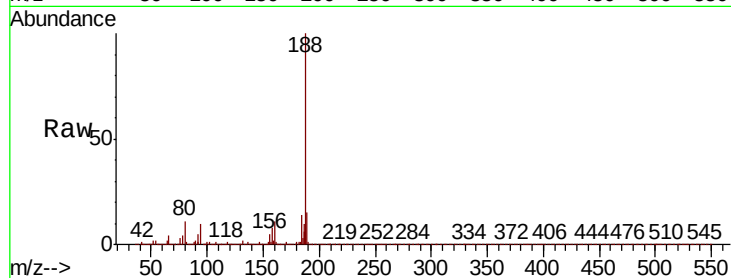
Tot Ion:188 Resp: 588043

Ion Ratio Lower Upper

188 100

94 10.0 7.9 11.9

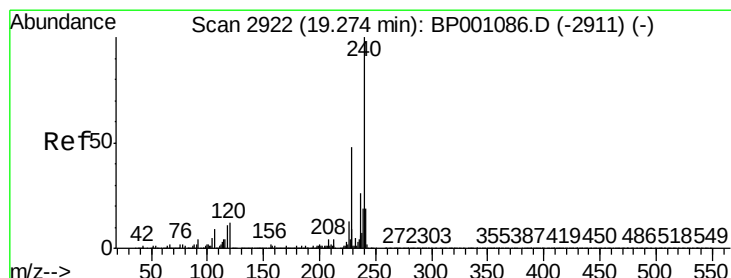
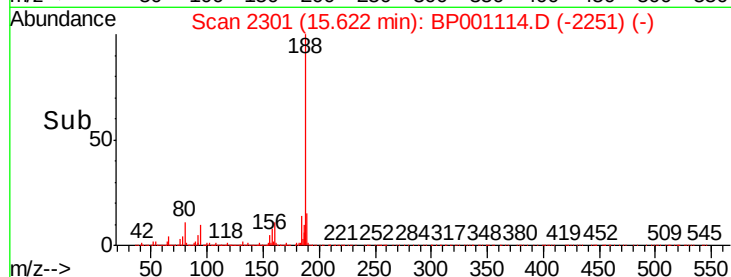
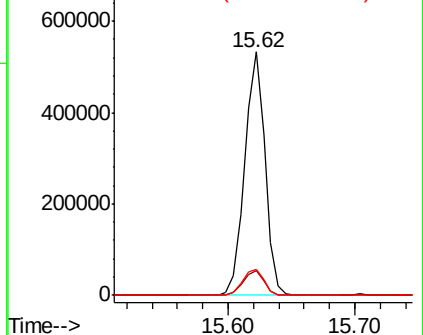
80 10.7 8.8 13.2



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: 19.26 min Scan# 2920

Delta R.T. -0.01 min

Lab File: BP001114.D

Acq: 28 Nov 2019 08:17

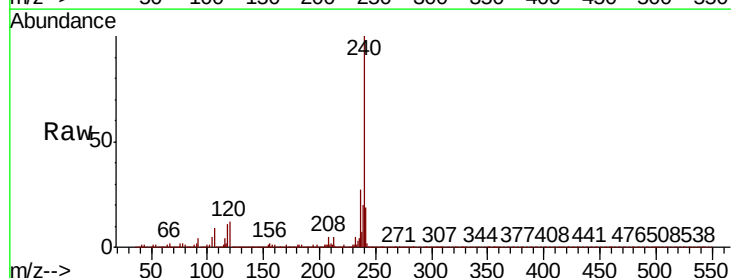
Tgt Ion:240 Resp: 461545

Ion Ratio Lower Upper

240 100

120 11.9 9.5 14.3

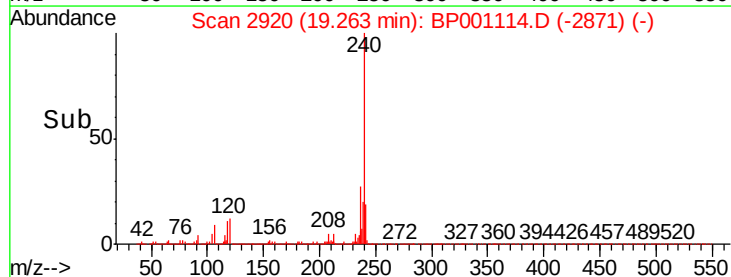
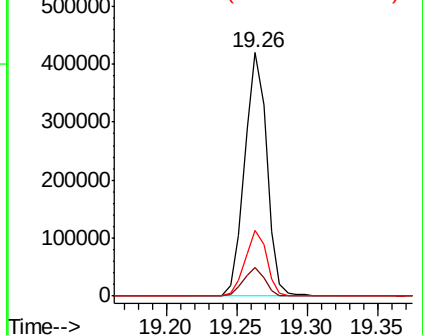
236 26.9 20.4 30.6

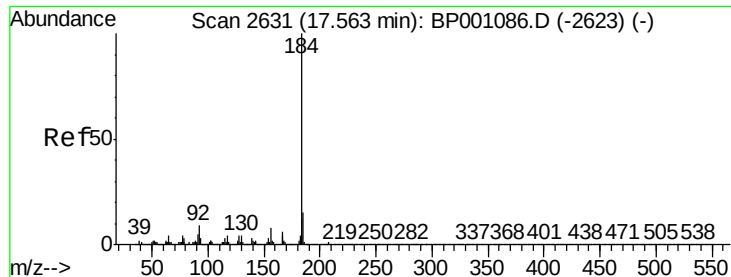


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 2.107 ng

RT: 17.56 min Scan# 2630

Delta R.T. -0.01 min

Lab File: BP001114.D

Acq: 28 Nov 2019 08:17

Instrument :

BNA_P

ClientSampleId :

600436752

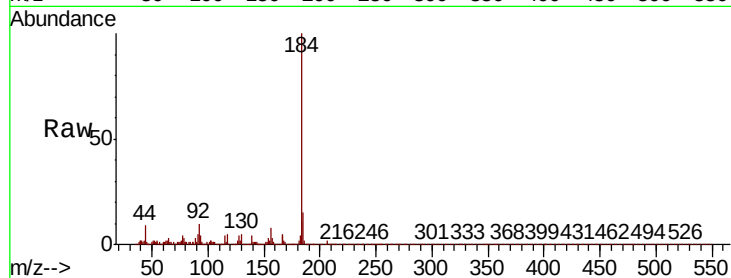
Tot Ion:184 Resp: 25114

Ion Ratio Lower Upper

184 100

185 15.4 12.2 18.4

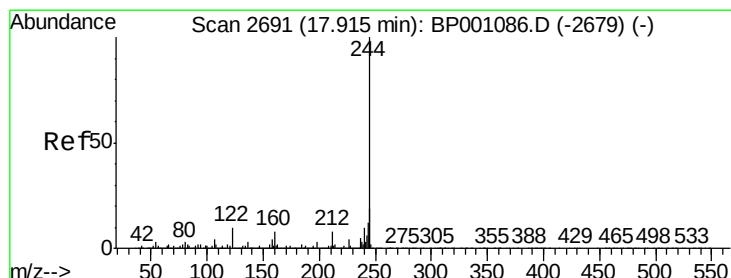
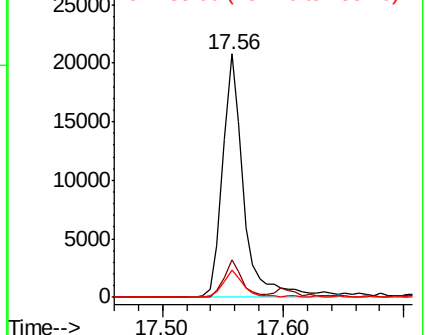
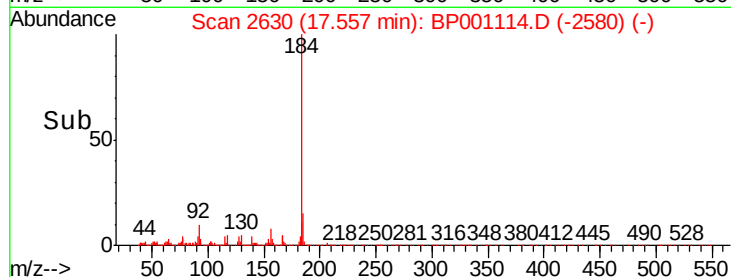
183 11.3 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#79

Terphenyl-d14

Concen: 95.802 ng

RT: 17.91 min Scan# 2690

Delta R.T. -0.01 min

Lab File: BP001114.D

Acq: 28 Nov 2019 08:17

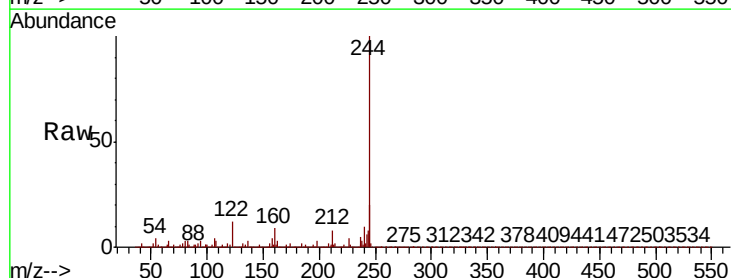
Tgt Ion:244 Resp: 2389979

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

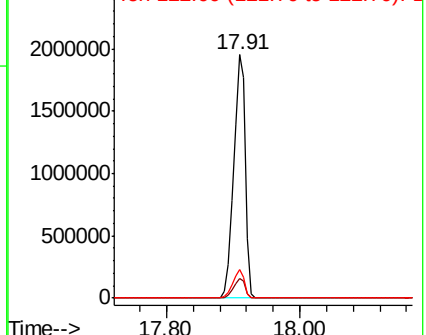
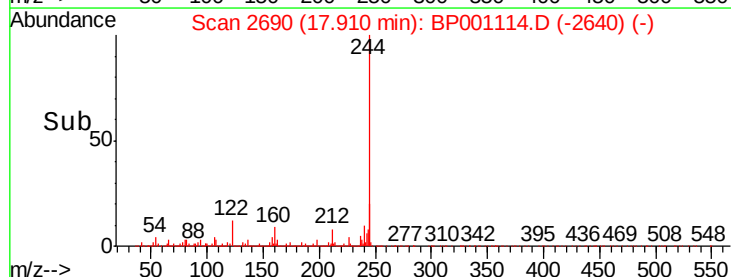
122 11.7 8.2 12.2

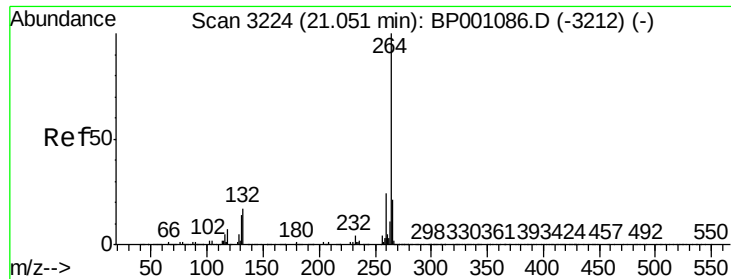


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 21.04 min Scan# 3222
Delta R.T. -0.01 min
Lab File: BP001114.D
Acq: 28 Nov 2019 08:17

Instrument :
BNA_P
ClientSampleId :
600436752

Tot Ion: 264 Resp: 486426

Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.8	28.2
265	20.9	16.9	25.3

