

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP121019\
 Data File : BP001302.D
 Acq On : 10 Dec 2019 18:54
 Operator : JU
 Sample : K6111-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619

Quant Time: Dec 11 04:52:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP112719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 05 12:34:47 2019
 Response via : Initial Calibration

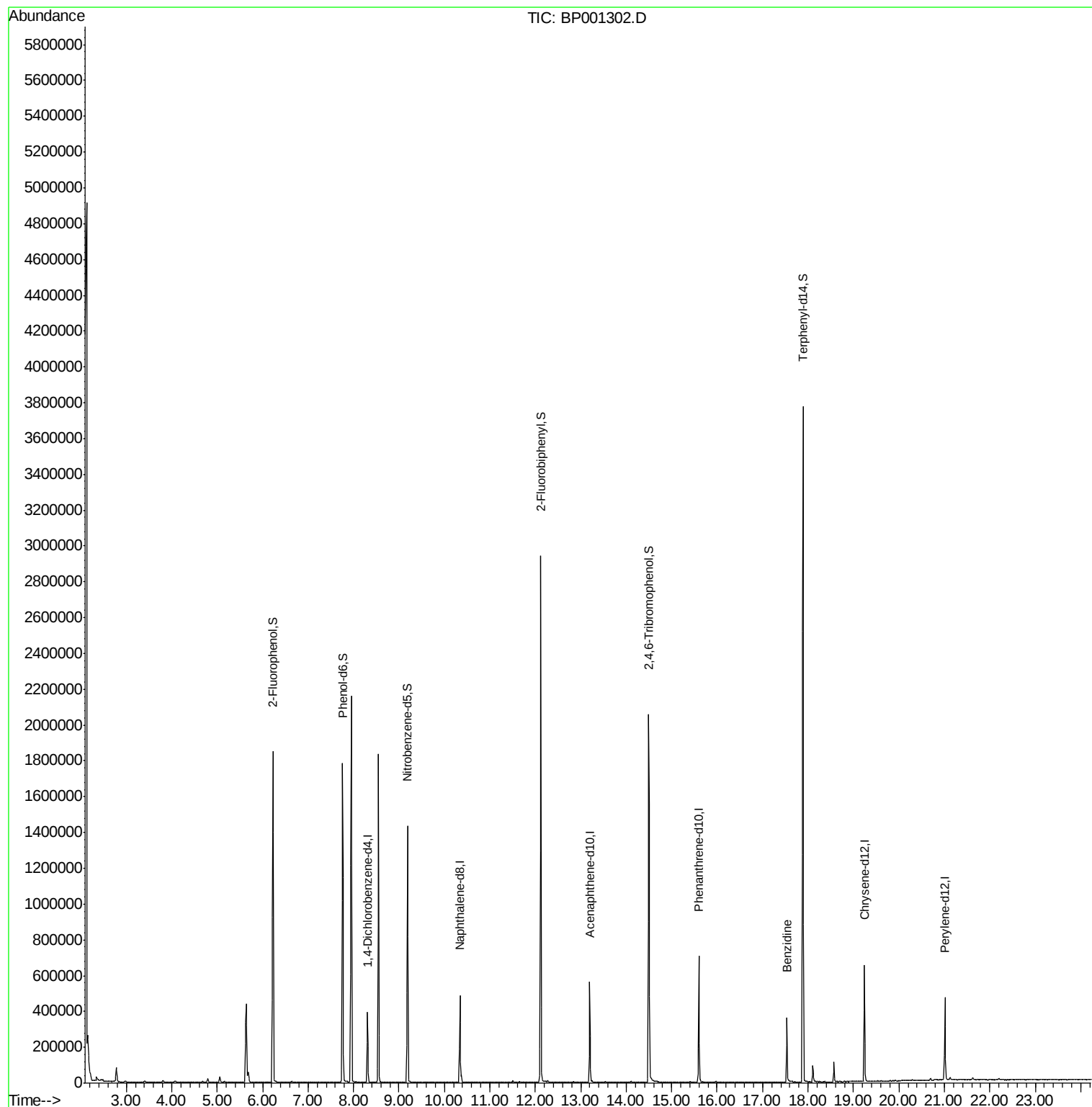
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.31	152	67394	20.00	ng	0.00
21) Naphthalene-d8	10.34	136	244388	20.00	ng	-0.01
39) Acenaphthene-d10	13.20	164	148082	20.00	ng	-0.01
64) Phenanthrene-d10	15.60	188	308786	20.00	ng	-0.01
76) Chrysene-d12	19.24	240	241827	20.00	ng	-0.02
87) Perylene-d12	21.02	264	245718	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	560174	137.90	ng	0.02
7) Phenol-d6	7.76	99	696109	128.63	ng	0.00
23) Nitrobenzene-d5	9.19	82	608112	107.96	ng	0.00
42) 2,4,6-Tribromophenol	14.50	330	278420	196.16	ng	0.00
45) 2-Fluorobiphenyl	12.12	172	1077120	106.46	ng	-0.01
79) Terphenyl-d14	17.89	244	1558516	119.23	ng	0.00
Target Compounds						
77) Benzidine	17.53	184	157903	25.290	ng	Qvalue 98

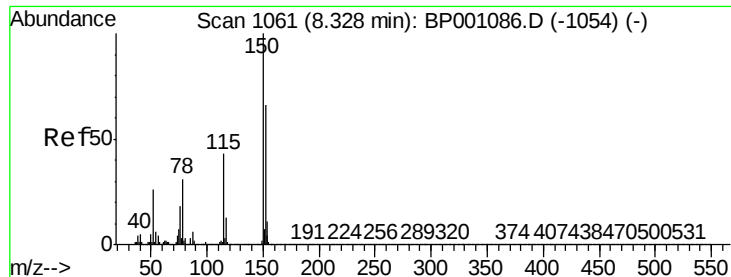
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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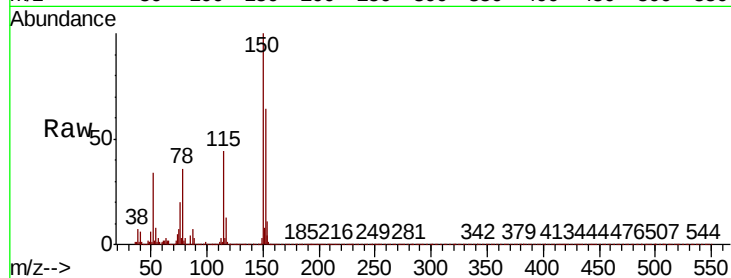




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.31 min Scan# 1058
 Delta R.T. 0.00 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 18:54

Instrument :
 BNA_P
 ClientSampleId :
 CL-01-120619

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	127.3	190.9
115	68.3	56.0	84.0

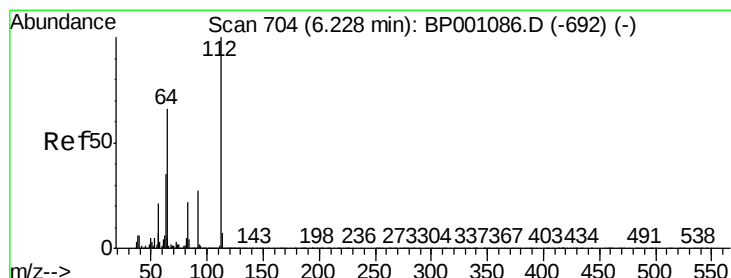
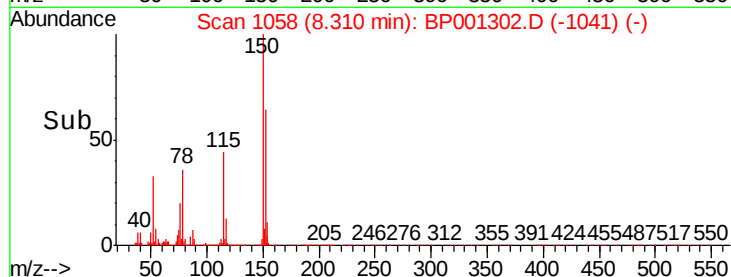
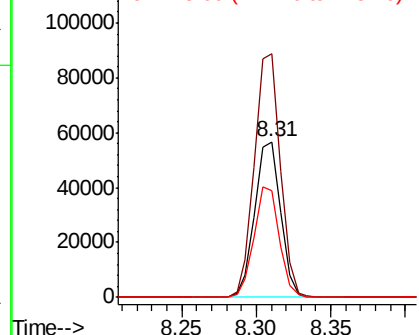


Abundance

Ion 152.00 (151.70 to 152.70): E

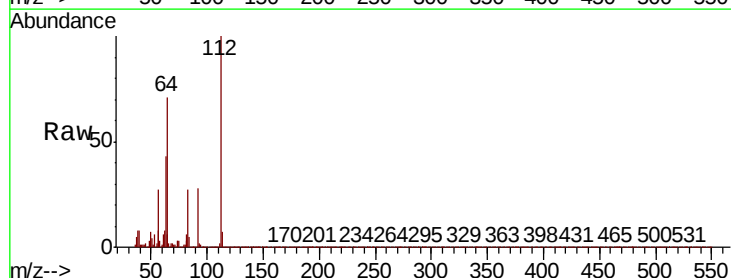
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 137.902 ng
 RT: 6.23 min Scan# 704
 Delta R.T. 0.02 min
 Lab File: BP001302.D
 Acq: 10 Dec 2019 18:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.6	56.8	85.2
63	42.7	32.2	48.2

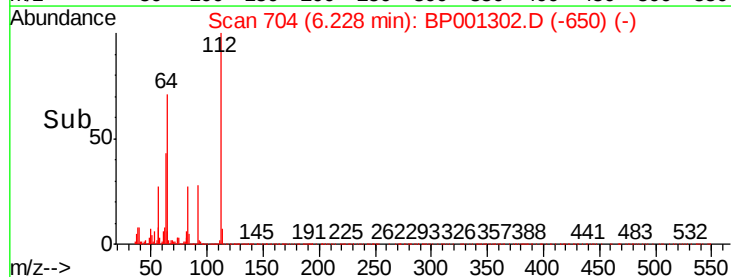
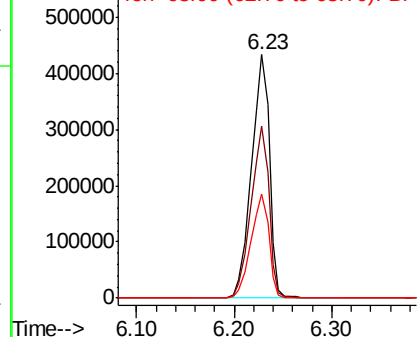


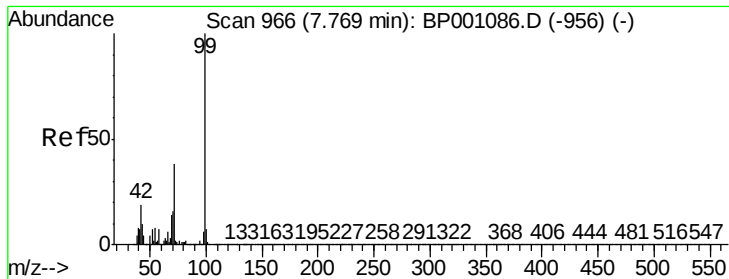
Abundance

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: 128.629 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 18:54

Instrument :

BNA_P

ClientSampleId :

CL-01-120619

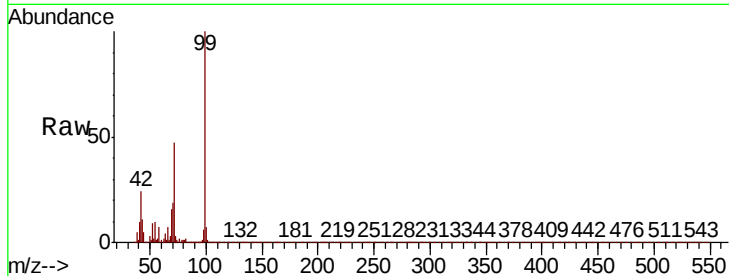
Tot Ion: 99 Resp: 696109

Ion Ratio Lower Upper

99 100

42 24.5 17.6 26.4

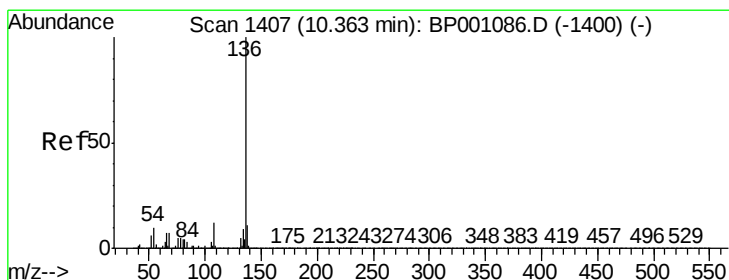
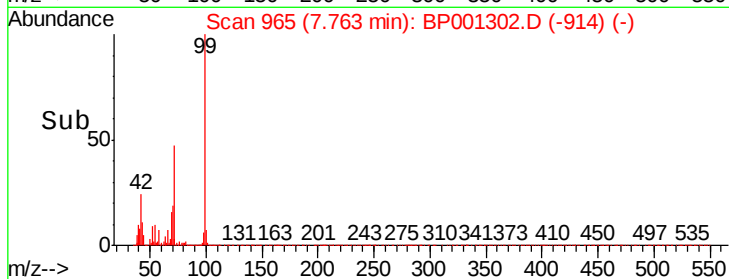
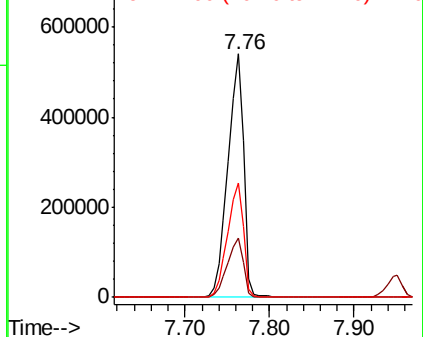
71 47.1 33.8 50.8



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: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 18:54

Tgt Ion: 136 Resp: 244388

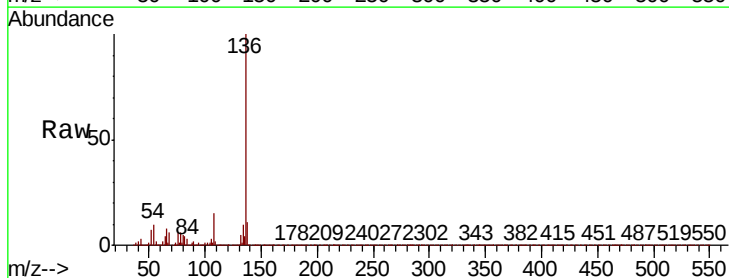
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 10.4 7.4 11.0

68 5.6 4.6 7.0

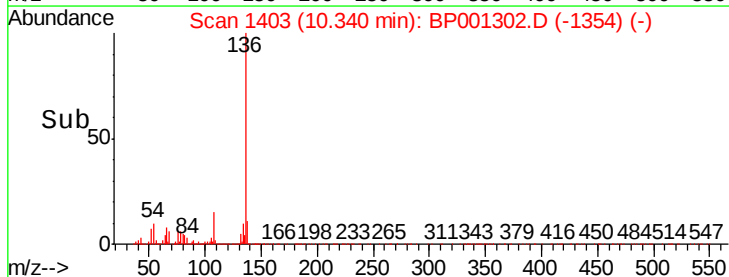
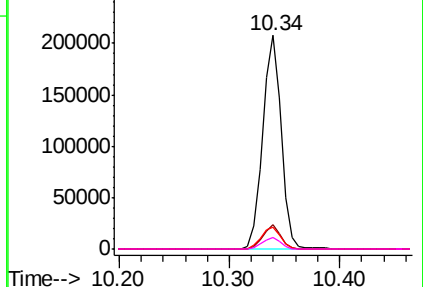


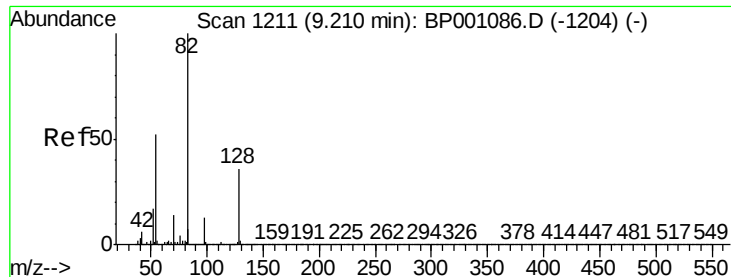
Abundance Ion 136.00 (135.70 to 136.70): E

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

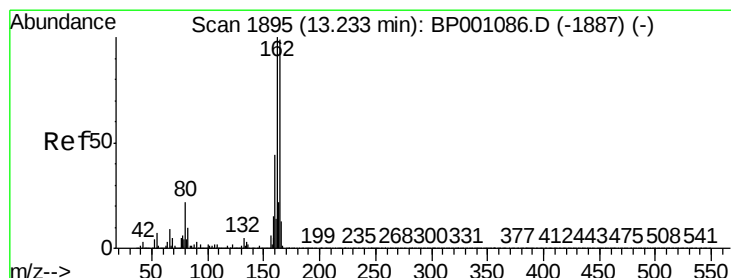
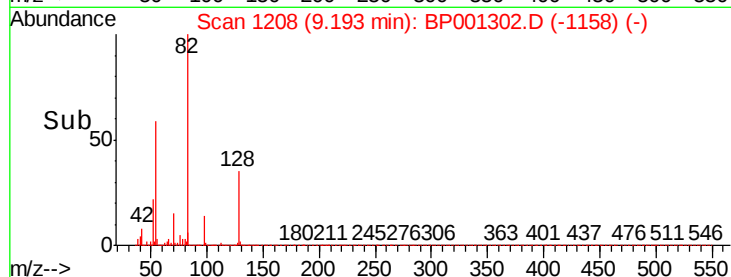
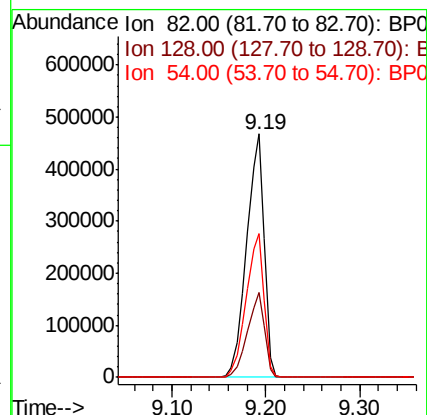
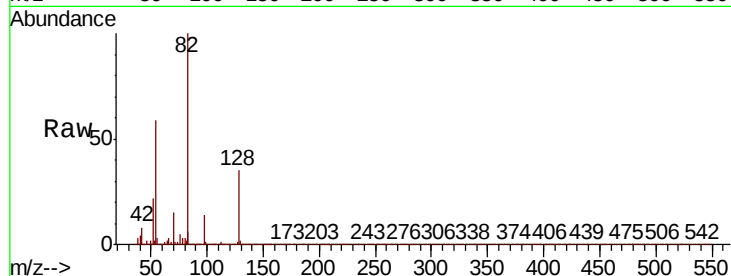




#23
Nitrobenzene-d5
Concen: 107.957 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

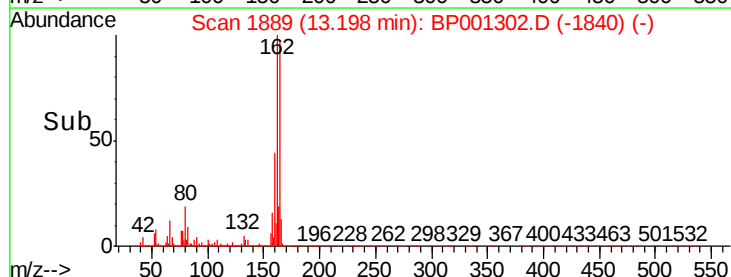
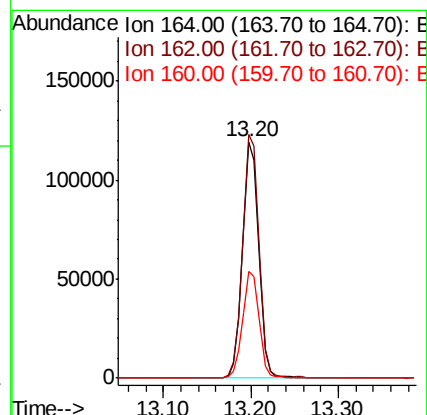
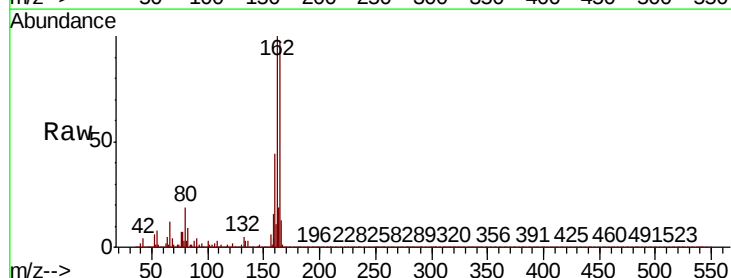
Instrument :
BNA_P
ClientSampleId :
CL-01-120619

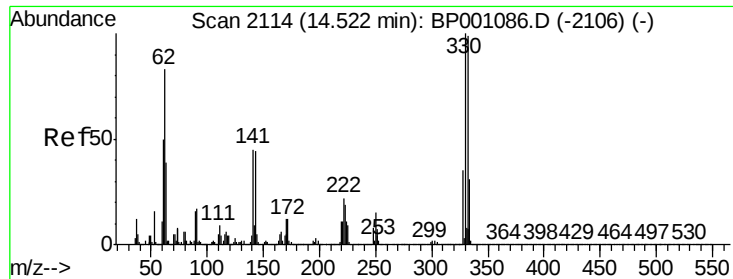
Tot Ion	Ratio	Lower	Upper
82	100		
128	35.1	27.5	41.3
54	59.3	45.7	68.5



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.20 min Scan# 1889
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	80.7	121.1
160	45.4	36.3	54.5

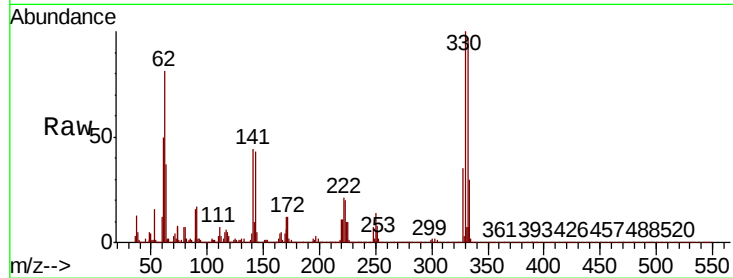




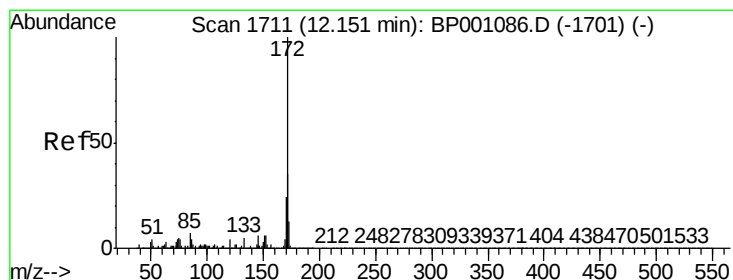
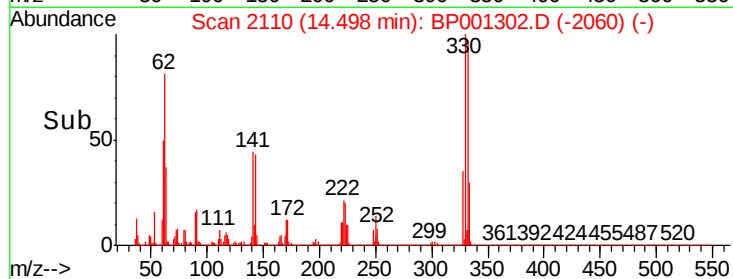
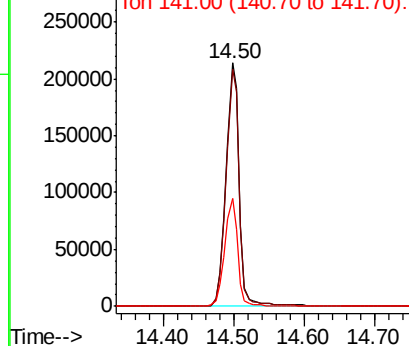
#42
2,4,6-Tribromophenol
Concen: 196.158 ng
RT: 14.50 min Scan# 2110
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tot Ion:330 Resp: 278420
Ion Ratio Lower Upper
330 100
332 97.1 79.1 118.7
141 44.1 35.9 53.9

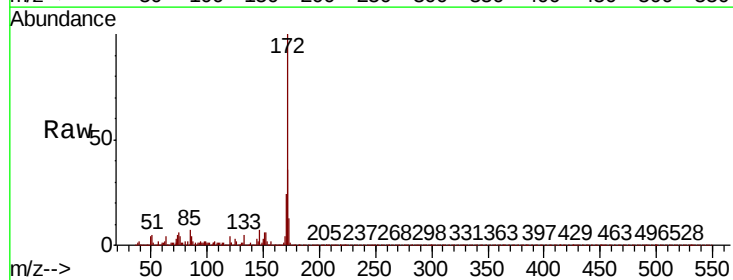


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

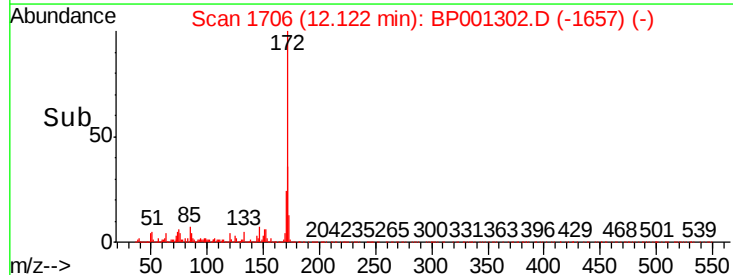
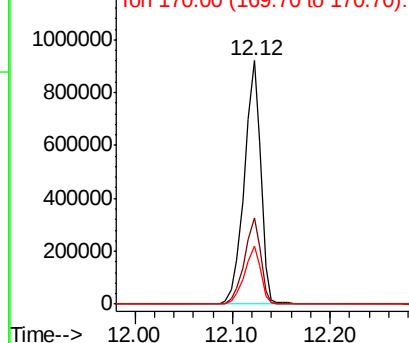


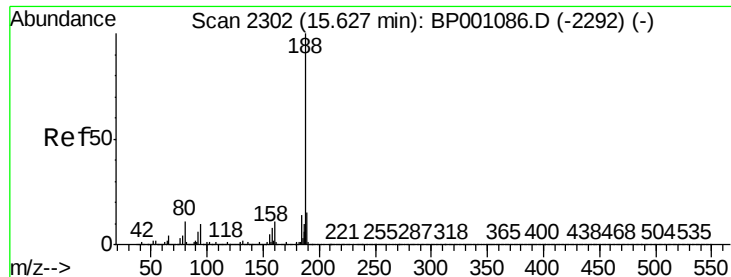
#45
2-Fluorobiphenyl
Concen: 106.458 ng
RT: 12.12 min Scan# 1706
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Tgt Ion:172 Resp: 1077120
Ion Ratio Lower Upper
172 100
171 35.5 28.7 43.1
170 23.8 19.2 28.8



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# 2297

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 18:54

Instrument :

BNA_P

ClientSampleId :

CL-01-120619

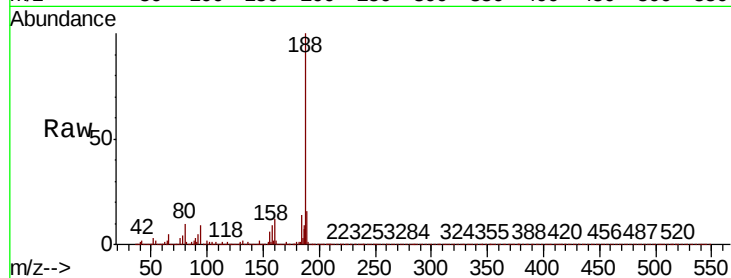
Tot Ion:188 Resp: 308786

Ion Ratio Lower Upper

188 100

94 8.5 7.1 10.7

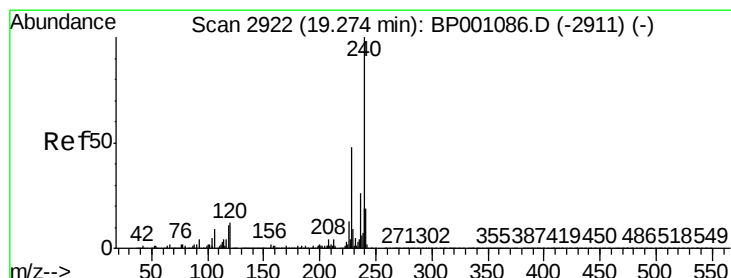
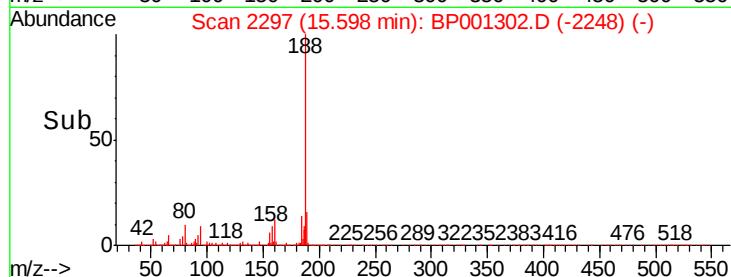
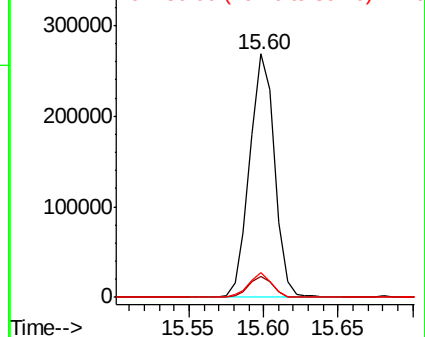
80 10.3 7.8 11.6



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: 19.24 min Scan# 2916

Delta R.T. -0.02 min

Lab File: BP001302.D

Acq: 10 Dec 2019 18:54

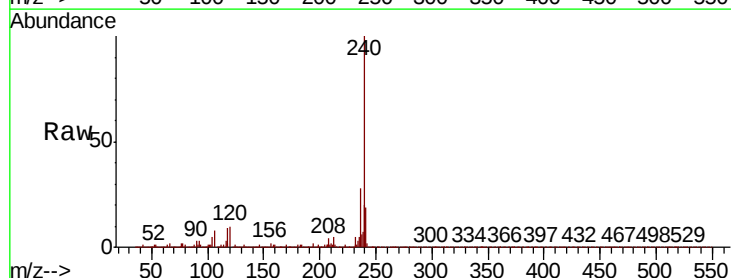
Tgt Ion:240 Resp: 241827

Ion Ratio Lower Upper

240 100

120 10.0 7.0 10.6

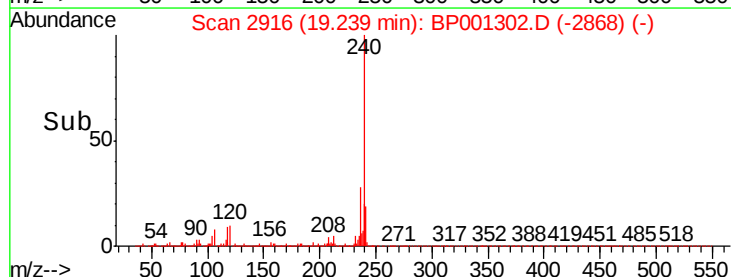
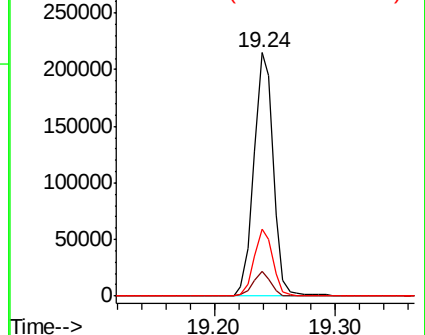
236 27.6 21.7 32.5

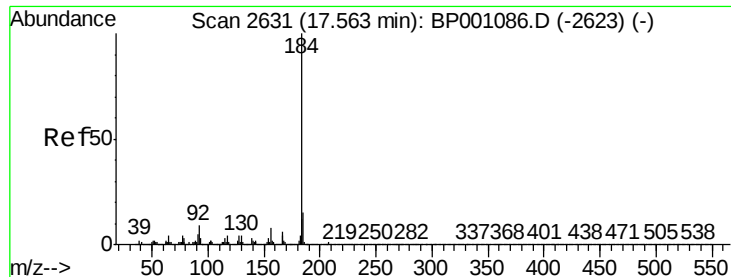


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 25.290 ng

RT: 17.53 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BP001302.D

Acq: 10 Dec 2019 18:54

Instrument :

BNA_P

ClientSampleId :

CL-01-120619

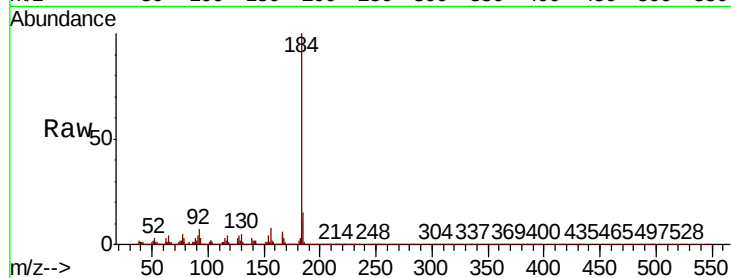
Tot Ion:184 Resp: 157903

Ion Ratio Lower Upper

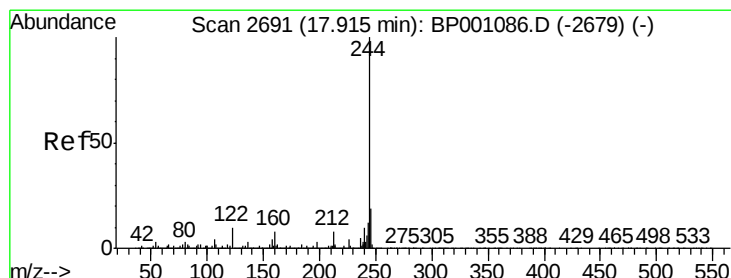
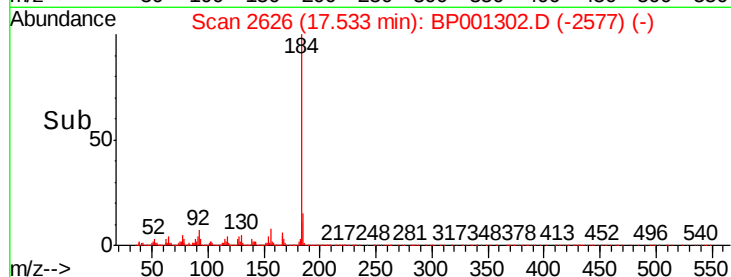
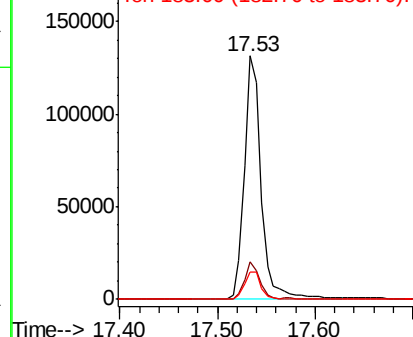
184 100

185 15.3 11.4 17.0

183 11.5 9.0 13.4



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: 119.234 ng

RT: 17.89 min Scan# 2687

Delta R.T. -0.00 min

Lab File: BP001302.D

Acq: 10 Dec 2019 18:54

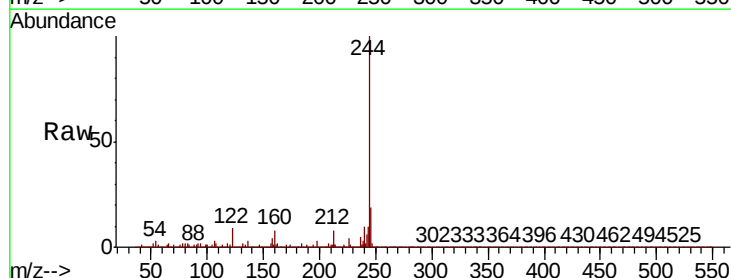
Tgt Ion:244 Resp: 1558516

Ion Ratio Lower Upper

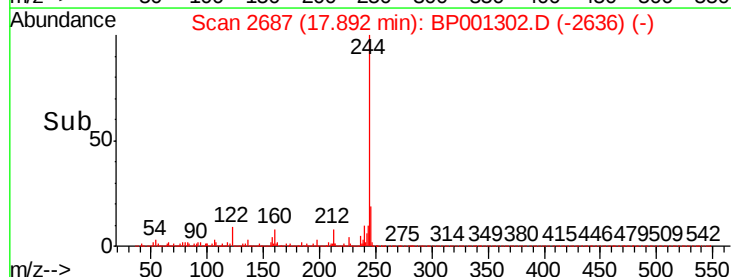
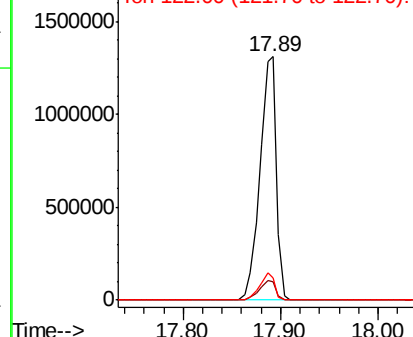
244 100

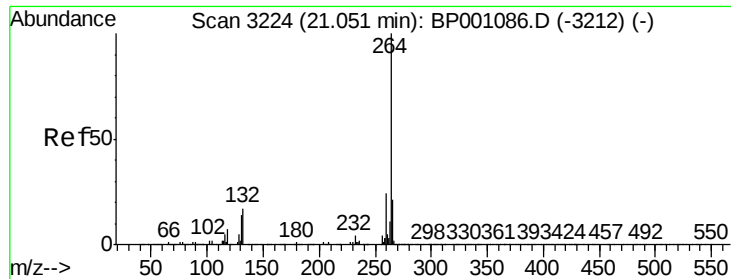
212 7.7 6.6 9.8

122 9.1 9.2 13.8#



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: 21.02 min Scan# 3218
Delta R.T. -0.01 min
Lab File: BP001302.D
Acq: 10 Dec 2019 18:54

Instrument :
BNA_P
ClientSampleId :
CL-01-120619

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.0
265	20.3	17.1	25.7

