

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP120319\
 Data File : BP001171.D
 Acq On : 03 Dec 2019 23:07
 Operator : JU
 Sample : K6027-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
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Quant Time: Dec 04 06:02:31 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	107637	20.00	ng	-0.02
21) Naphthalene-d8	10.35	136	384698	20.00	ng	-0.02
39) Acenaphthene-d10	13.21	164	215755	20.00	ng	-0.02
64) Phenanthrene-d10	15.60	188	411147	20.00	ng	-0.02
76) Chrysene-d12	19.25	240	332874	20.00	ng	-0.02
87) Perylene-d12	21.02	264	356715	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.22	112	627942	96.79	ng	0.00
7) Phenol-d6	7.76	99	527462	61.03	ng	-0.01
23) Nitrobenzene-d5	9.19	82	897976	101.27	ng	-0.02
42) 2,4,6-Tribromophenol	14.50	330	326031	157.65	ng	-0.02
45) 2-Fluorobiphenyl	12.13	172	1421483	96.43	ng	-0.02
79) Terphenyl-d14	17.90	244	1740954	96.76	ng	-0.02

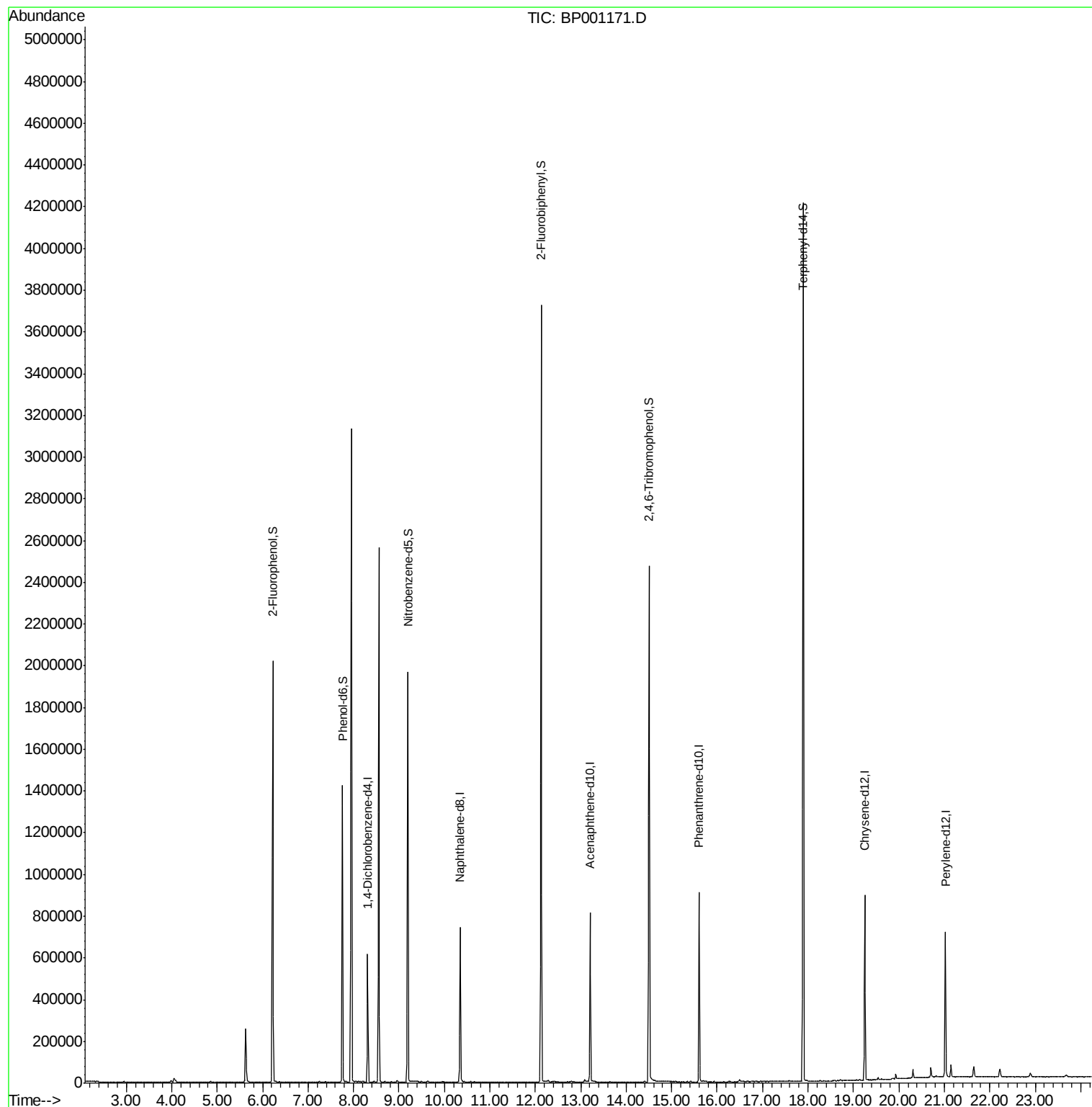
Target Compounds Qvalue

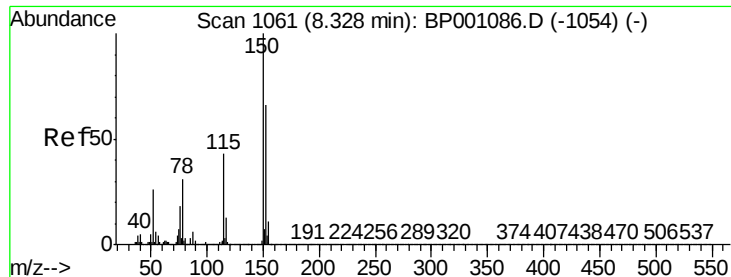
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Nov 27 17:38:46 2019
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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: BP001171.D

Acq: 03 Dec 2019 23:07

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

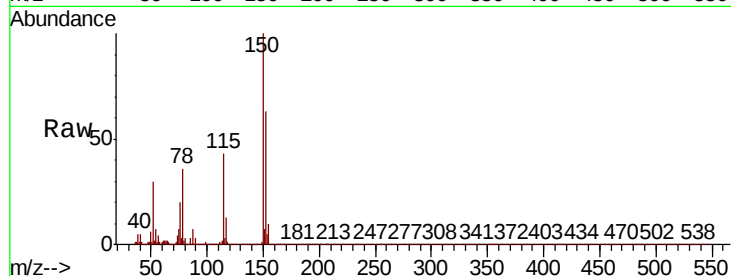
Tot Ion:152 Resp: 107637

Ion Ratio Lower Upper

152 100

150 158.8 120.6 181.0

115 68.8 51.6 77.4

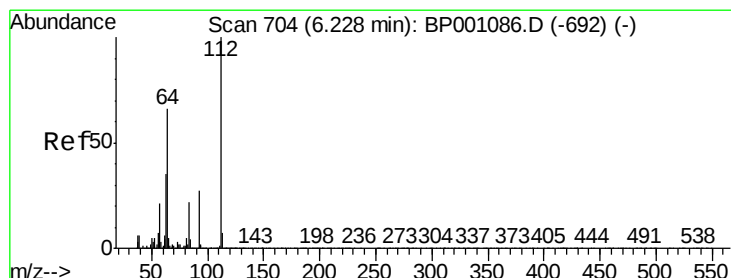
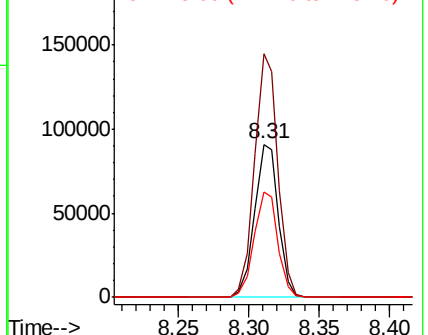
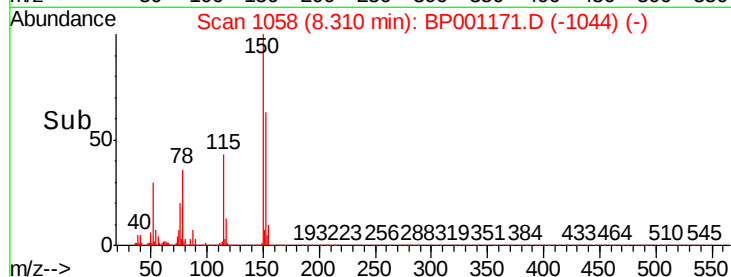


Abundance

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: 96.789 ng

RT: 6.22 min Scan# 703

Delta R.T. -0.01 min

Lab File: BP001171.D

Acq: 03 Dec 2019 23:07

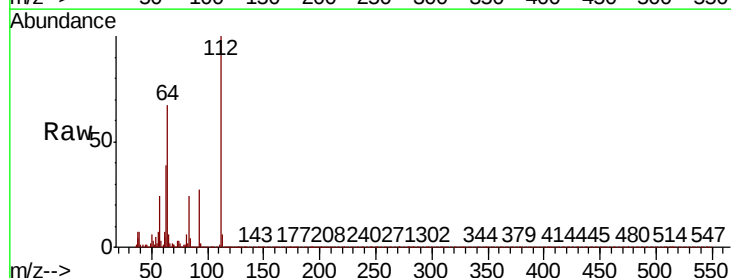
Tgt Ion:112 Resp: 627942

Ion Ratio Lower Upper

112 100

64 66.8 52.8 79.2

63 38.5 28.2 42.2

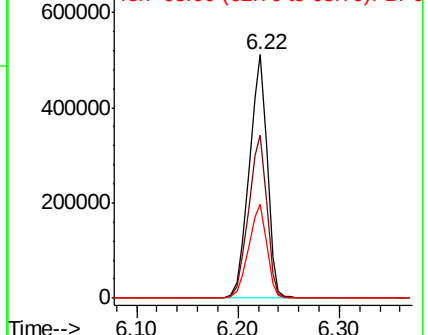
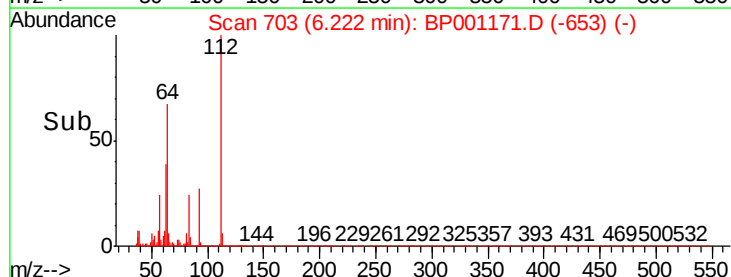


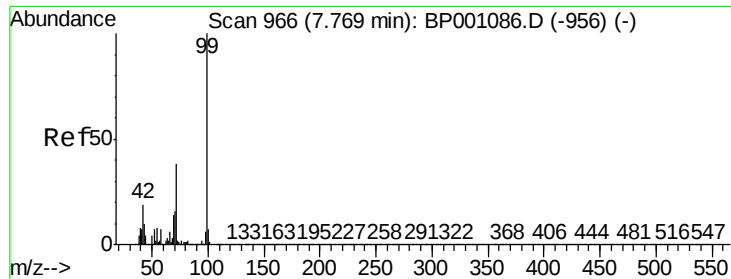
Abundance

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: 61.026 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.01 min

Lab File: BP001171.D

Acq: 03 Dec 2019 23:07

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

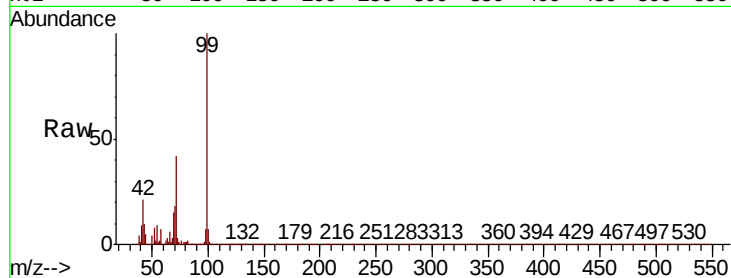
Tot Ion: 99 Resp: 527462

Ion Ratio Lower Upper

99 100

42 20.7 15.4 23.0

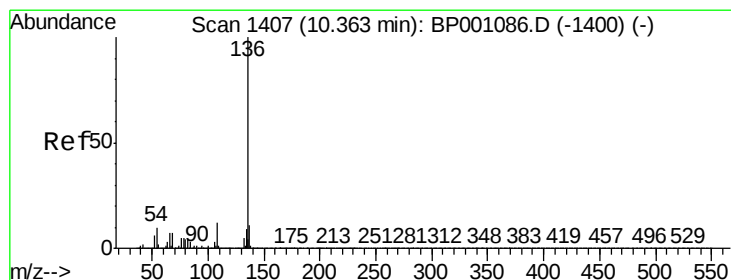
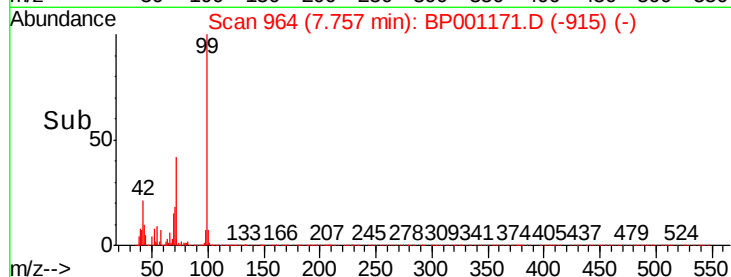
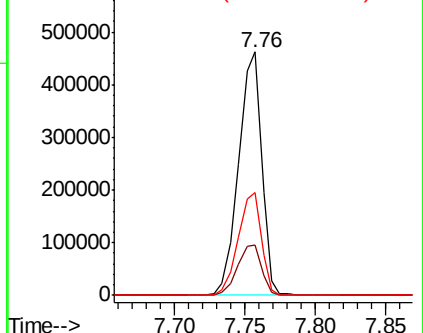
71 42.4 30.8 46.2



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: BP001171.D

Acq: 03 Dec 2019 23:07

Tgt Ion: 136 Resp: 384698

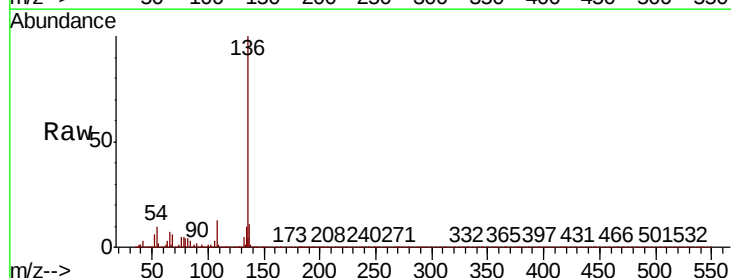
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 10.0 7.9 11.9

68 6.3 5.6 8.4

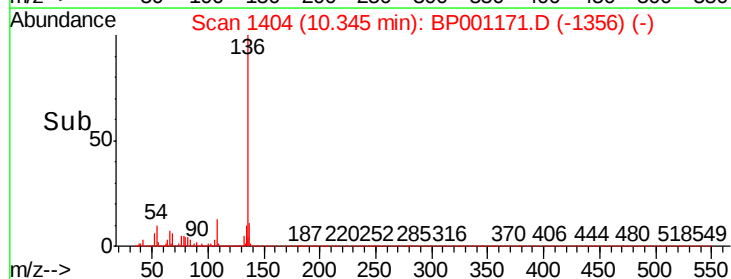
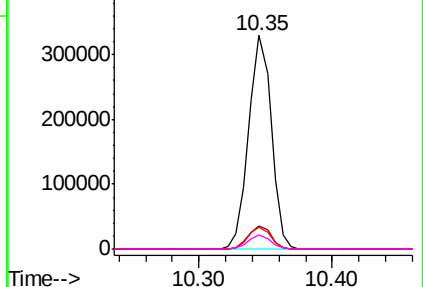


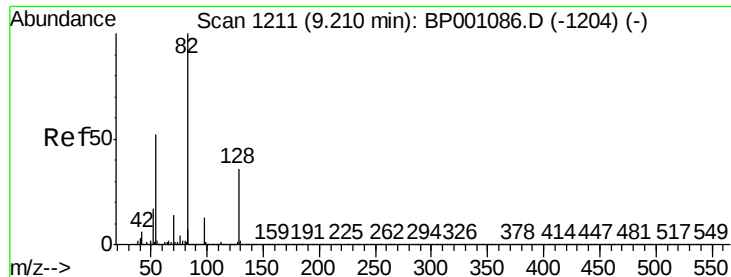
Abundance Ion 136.00 (135.70 to 136.70): E

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

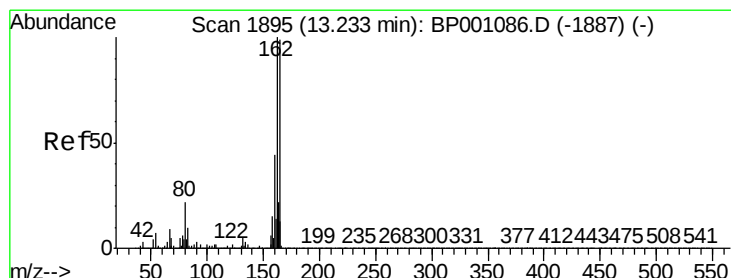
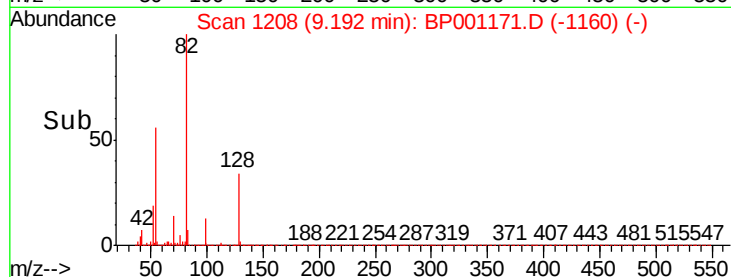
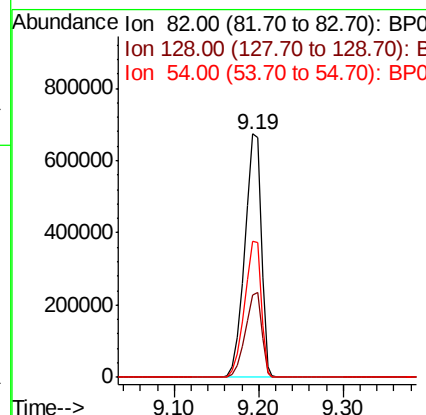
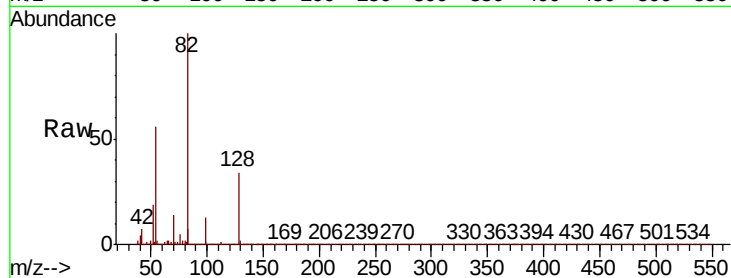




#23
Nitrobenzene-d5
Concen: 101.273 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.02 min
Lab File: BP001171.D
Acq: 03 Dec 2019 23:07

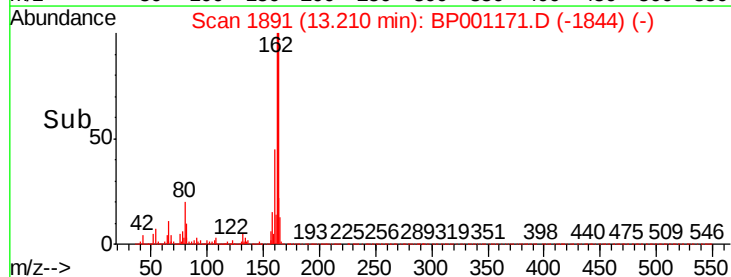
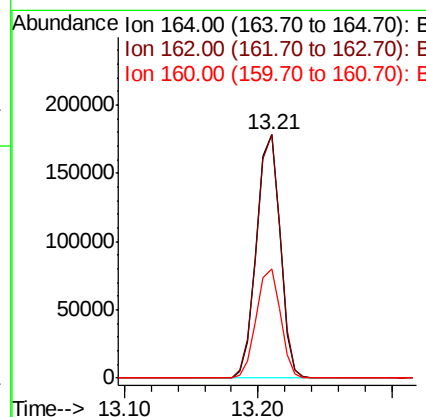
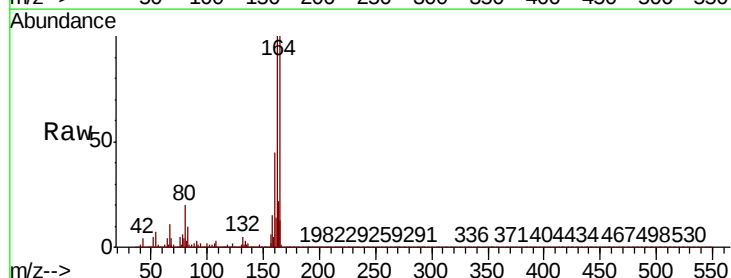
Instrument :
BNA_P
ClientSampleId :
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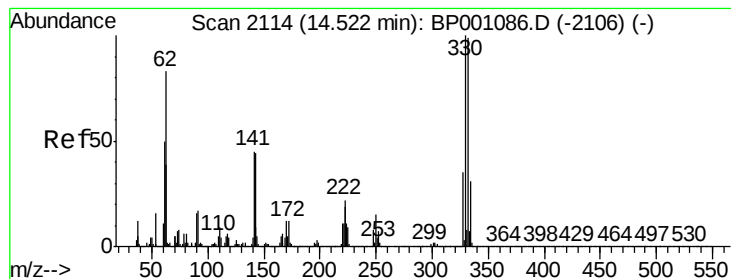
Tot Ion	82	Resp	897976
Ion Ratio	Lower	Upper	
82	100		
128	33.7	28.9	43.3
54	55.8	41.9	62.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 13.21 min Scan# 1891
Delta R.T. -0.02 min
Lab File: BP001171.D
Acq: 03 Dec 2019 23:07

Tgt Ion	164	Resp	215755
Ion Ratio	Lower	Upper	
164	100		
162	100.0	80.6	120.8
160	44.8	35.4	53.2





#42

2,4,6-Tribromophenol

Concen: 157.654 ng

RT: 14.50 min Scan# 2111

Delta R.T. -0.02 min

Lab File: BP001171.D

Acq: 03 Dec 2019 23:07

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

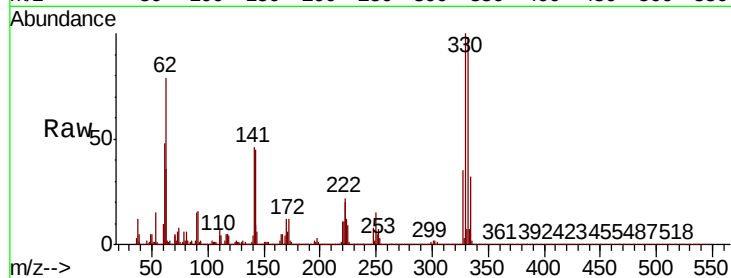
Tot Ion:330 Resp: 326031

Ion Ratio Lower Upper

330 100

332 97.6 77.6 116.4

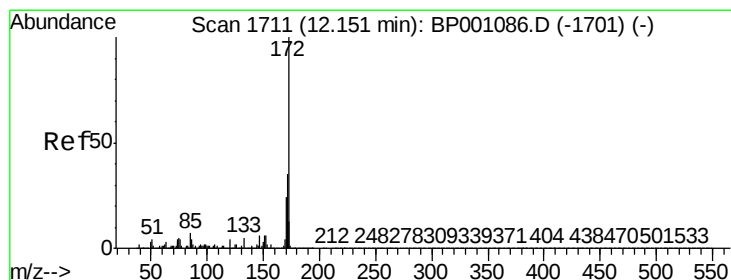
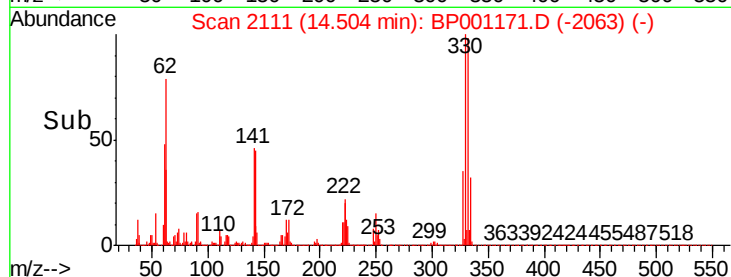
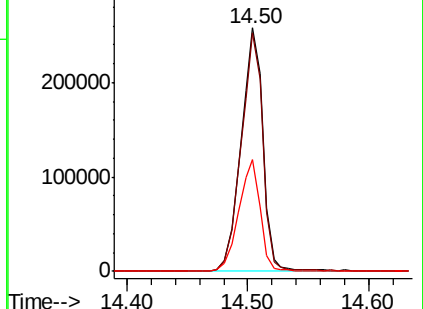
141 45.2 34.2 51.2



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: 96.426 ng

RT: 12.13 min Scan# 1707

Delta R.T. -0.02 min

Lab File: BP001171.D

Acq: 03 Dec 2019 23:07

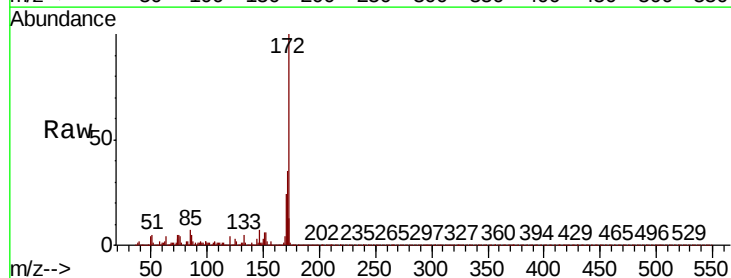
Tgt Ion:172 Resp: 1421483

Ion Ratio Lower Upper

172 100

171 35.2 27.9 41.9

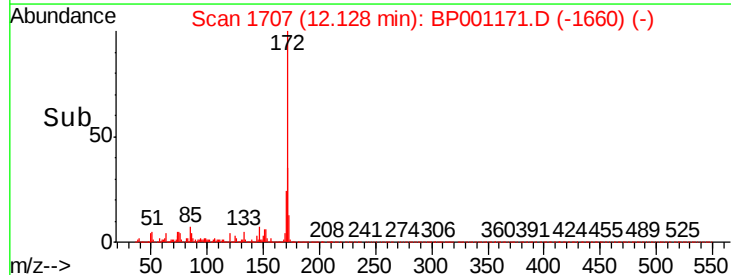
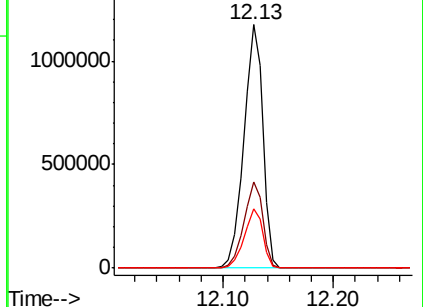
170 24.3 19.0 28.4

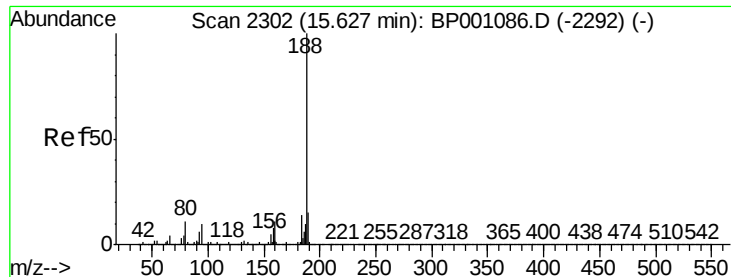


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

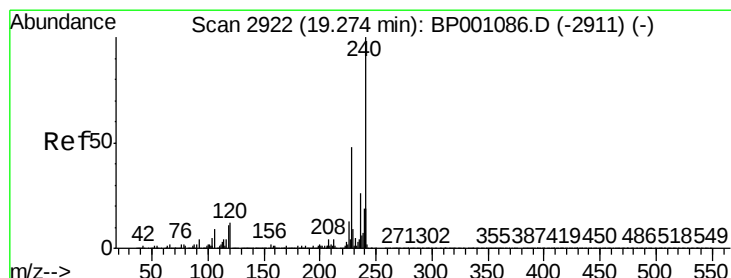
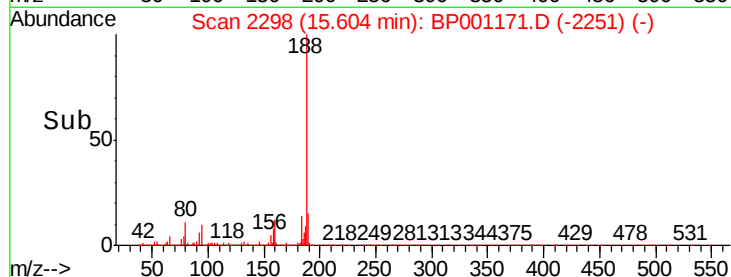
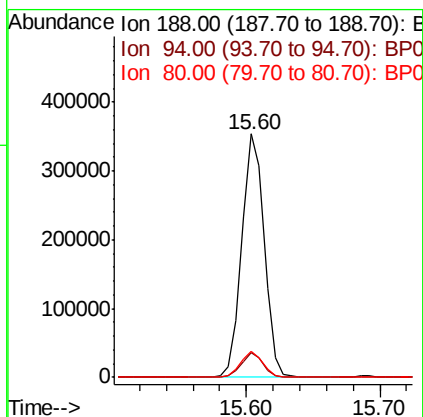
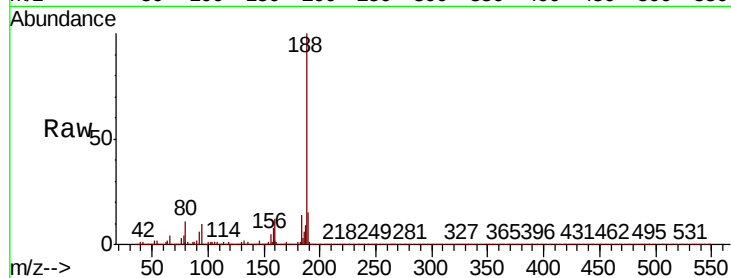




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 15.60 min Scan# 2298
Delta R.T. -0.02 min
Lab File: BP001171.D
Acq: 03 Dec 2019 23:07

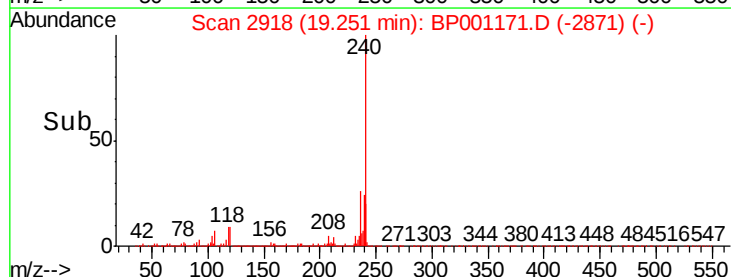
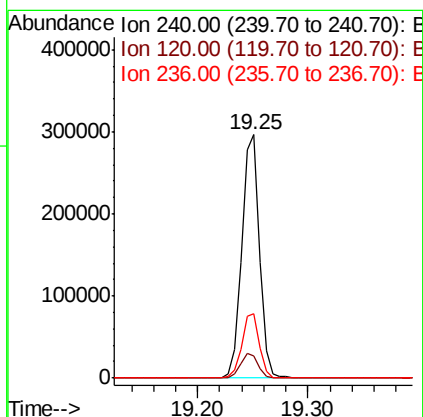
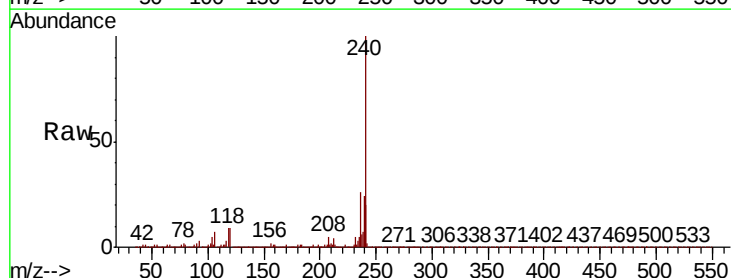
Instrument :
BNA_P
ClientSampleId :
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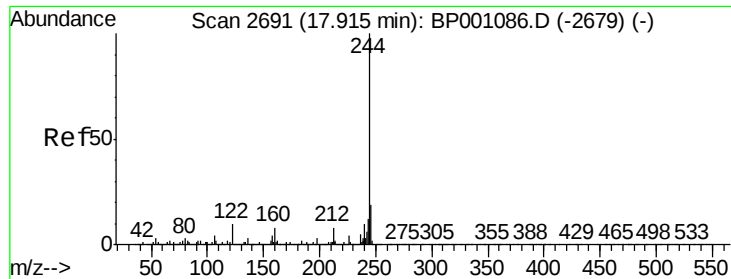
Tot Ion:188 Resp: 411147
Ion Ratio Lower Upper
188 100
94 10.0 7.9 11.9
80 10.7 8.8 13.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 19.25 min Scan# 2918
Delta R.T. -0.02 min
Lab File: BP001171.D
Acq: 03 Dec 2019 23:07

Tgt Ion:240 Resp: 332874
Ion Ratio Lower Upper
240 100
120 9.2 9.5 14.3#
236 26.4 20.4 30.6





#79

Terphenyl-d14

Concen: 96.761 ng

RT: 17.90 min Scan# 2688

Delta R.T. -0.02 min

Lab File: BP001171.D

Acq: 03 Dec 2019 23:07

Instrument :

BNA_P

ClientSampleId :

FIELD-BLANK

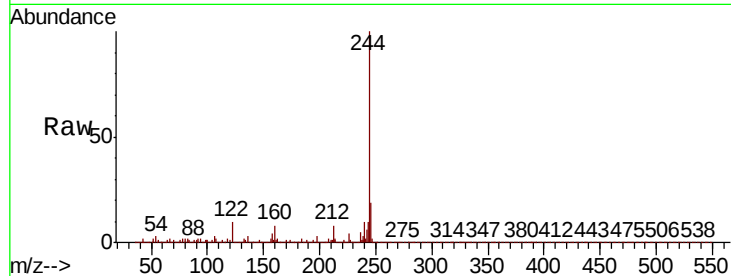
Tot Ion:244 Resp: 1740954

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

122 9.6 8.2 12.2

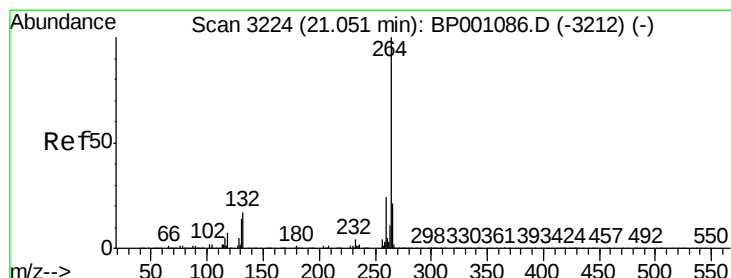
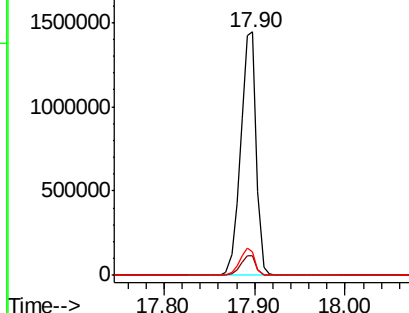
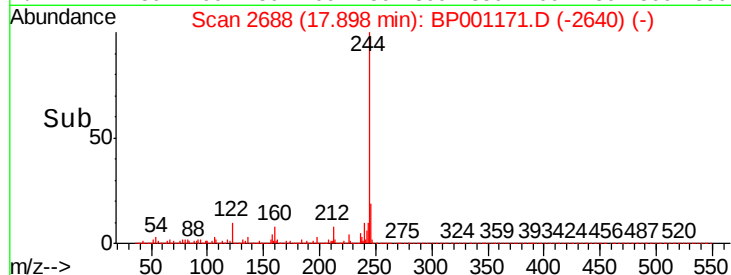


Abundance

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: 21.02 min Scan# 3219

Delta R.T. -0.03 min

Lab File: BP001171.D

Acq: 03 Dec 2019 23:07

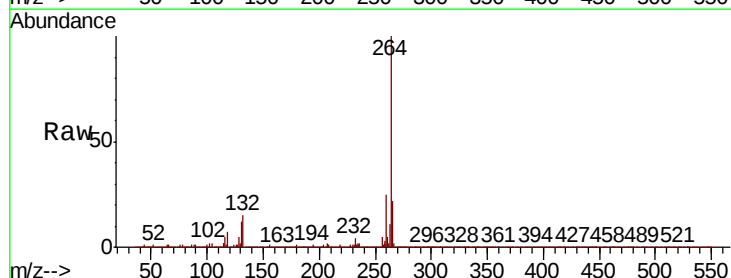
Tgt Ion:264 Resp: 356715

Ion Ratio Lower Upper

264 100

260 24.7 18.8 28.2

265 22.3 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

