

Data Path : Z:\SVOASRV\HPCHEM1\BNA P\DATA\BP111819\
 Data File : BP001075.D
 Acq On : 19 Nov 2019 03:43
 Operator : JU
 Sample : K5905-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 RT-3037

Quant Time: Nov 19 05:44:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA P\METHODS\8270-BP110619.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 06 17:07:13 2019
 Response via : Initial Calibration

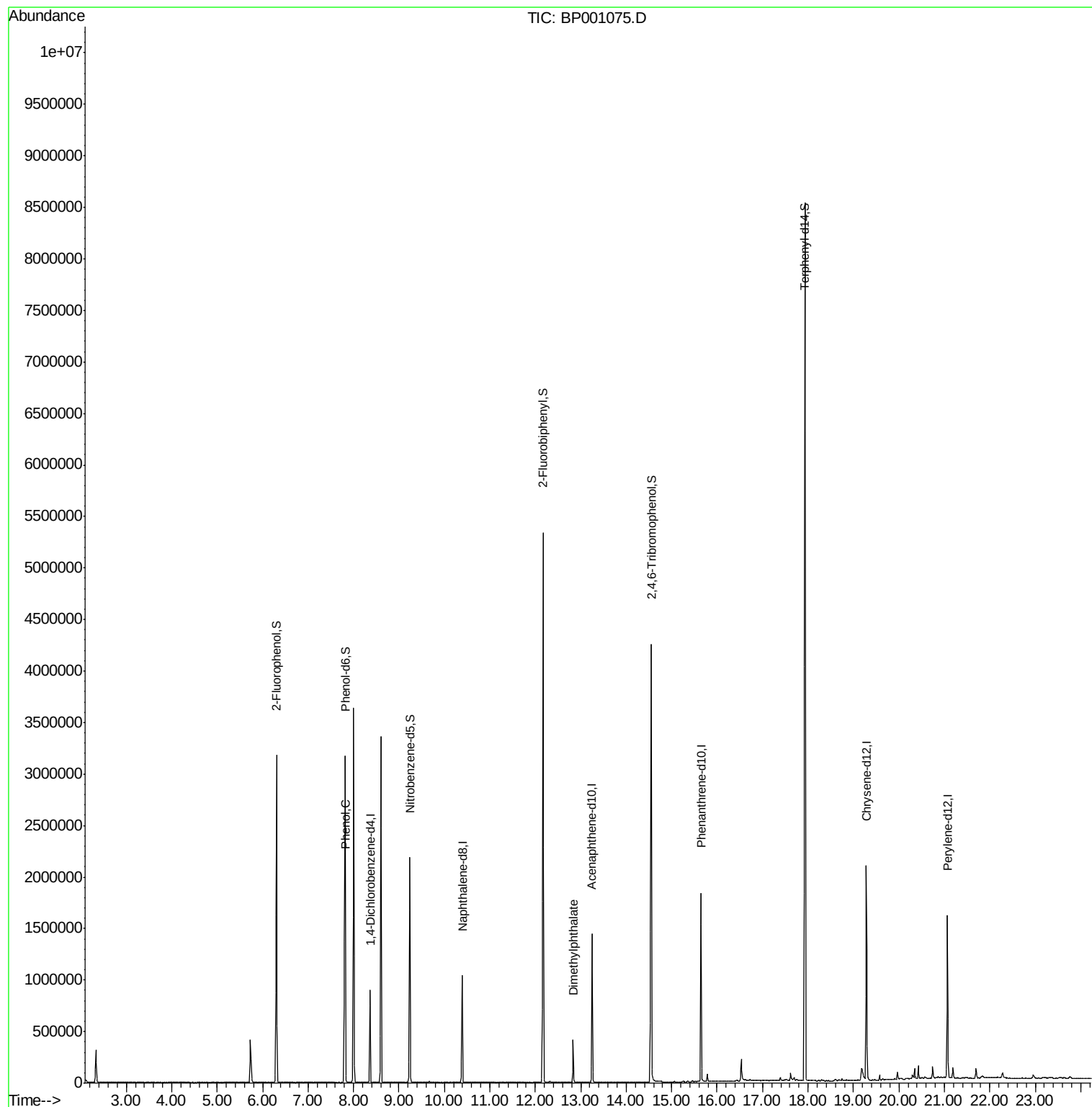
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.36	152	168108	20.00	ng	-0.01
21) Naphthalene-d8	10.39	136	616692	20.00	ng	-0.01
39) Acenaphthene-d10	13.25	164	389383	20.00	ng	-0.02
64) Phenanthrene-d10	15.65	188	849113	20.00	ng	-0.01
76) Chrysene-d12	19.29	240	803849	20.00	ng	-0.01
87) Perylene-d12	21.07	264	817635	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	1197755	129.69	ng	0.00
7) Phenol-d6	7.82	99	1551508	132.84	ng	0.00
23) Nitrobenzene-d5	9.24	82	1004803	90.13	ng	-0.02
42) 2,4,6-Tribromophenol	14.55	330	790278	170.01	ng	0.00
45) 2-Fluorobiphenyl	12.17	172	2310818	89.38	ng	-0.01
79) Terphenyl-d14	17.93	244	3779931	93.54	ng	0.00
Target Compounds						
10) Phenol	7.83	94	28723	2.248	ng	82
50) Dimethylphthalate	12.83	163	206609	7.176	ng	98

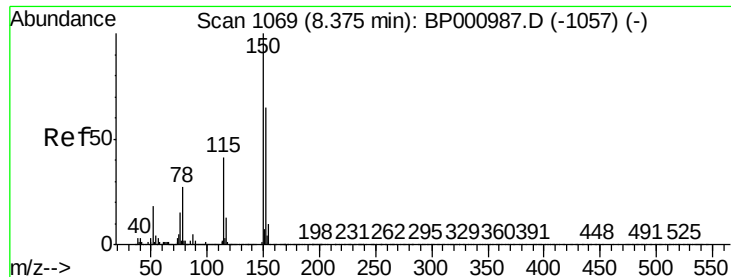
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.36 min Scan# 1067

Delta R.T. -0.01 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

Instrument :

BNA_P

ClientSampleId :

RT-3037

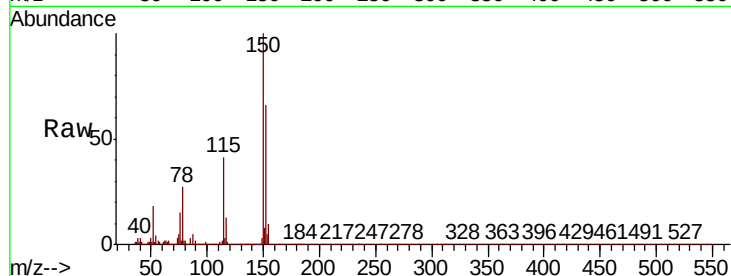
Tot Ion:152 Resp: 168108

Ion Ratio Lower Upper

152 100

150 150.5 123.6 185.4

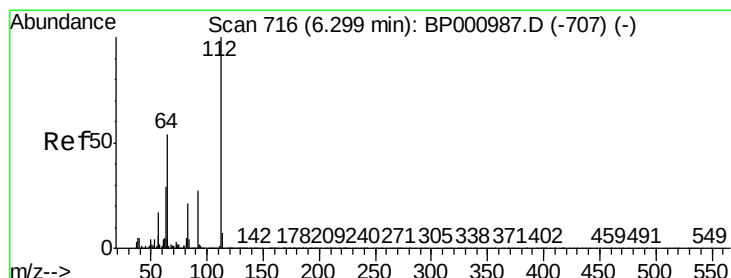
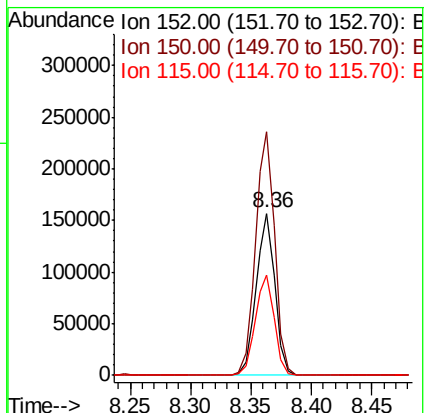
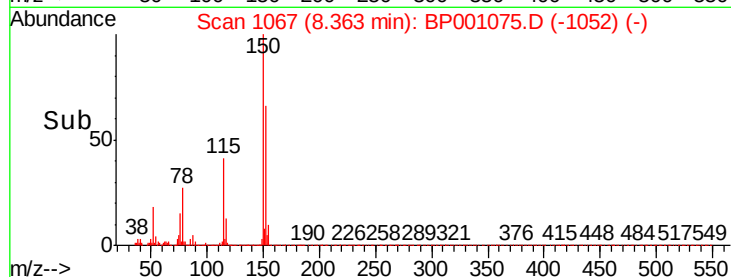
115 62.1 50.1 75.1



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: 129.686 ng

RT: 6.30 min Scan# 717

Delta R.T. 0.01 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

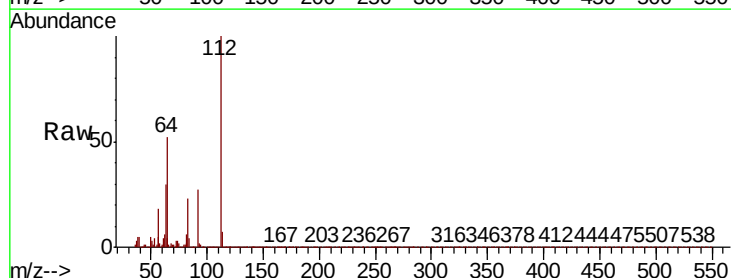
Tgt Ion:112 Resp: 1197755

Ion Ratio Lower Upper

112 100

64 51.7 43.4 65.0

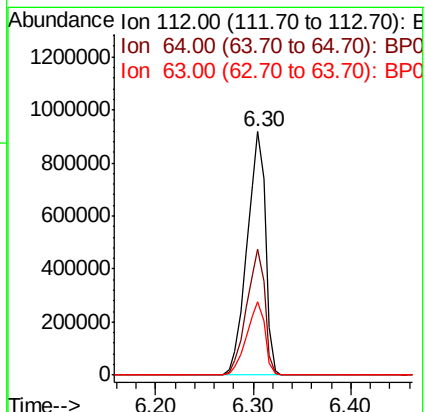
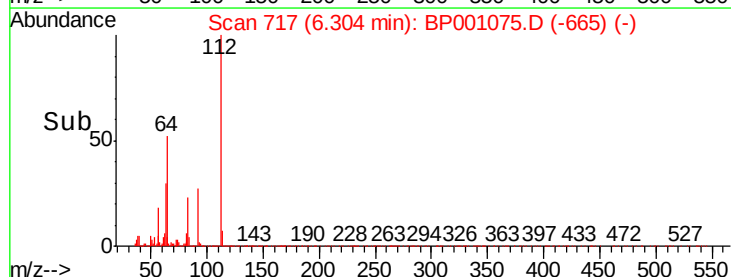
63 30.4 23.4 35.0

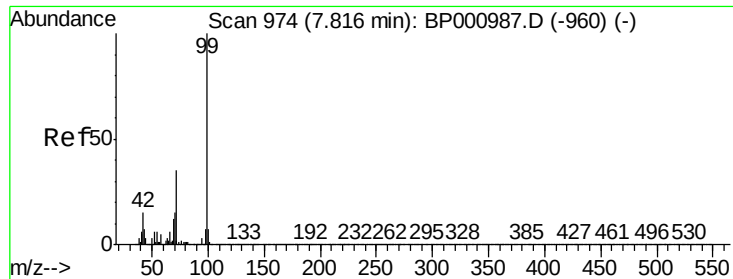


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BP0

Ion 63.00 (62.70 to 63.70): BP0





#7

Phenol-d6

Concen: 132.844 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.00 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

Instrument :

BNA_P

ClientSampled :

RT-3037

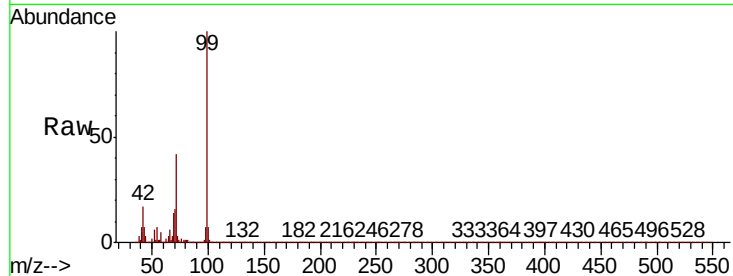
Tot Ion: 99 Resp: 1551508

Ion Ratio Lower Upper

99 100

42 16.6 11.6 17.4

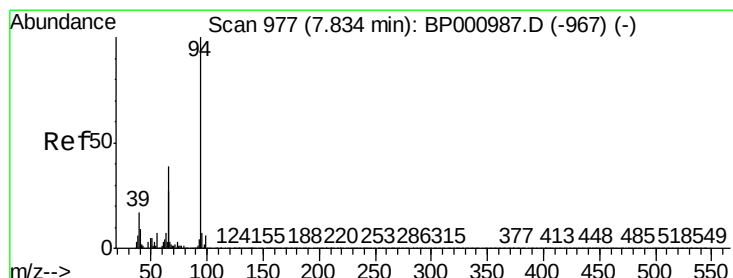
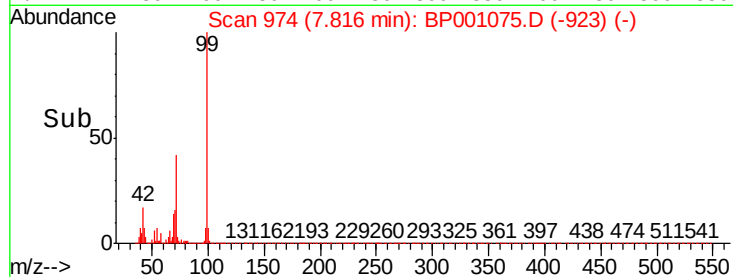
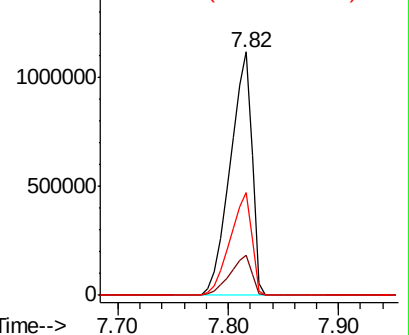
71 42.4 28.0 42.0#



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



#10

Phenol

Concen: 2.248 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.01 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

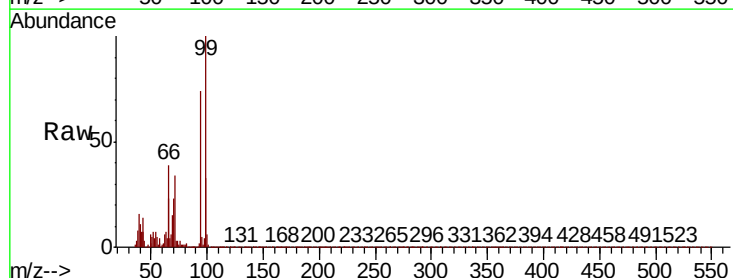
Tgt Ion: 94 Resp: 28723

Ion Ratio Lower Upper

94 100

65 31.9 6.7 46.7

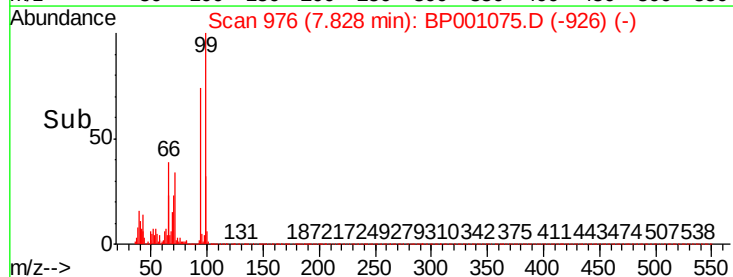
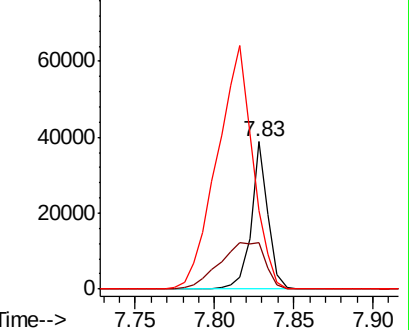
66 52.8 18.6 58.6

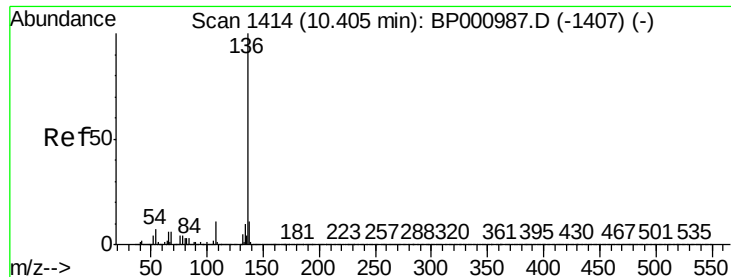


Abundance Ion 94.00 (93.70 to 94.70): BP0

Ion 65.00 (64.70 to 65.70): BP0

Ion 66.00 (65.70 to 66.70): BP0

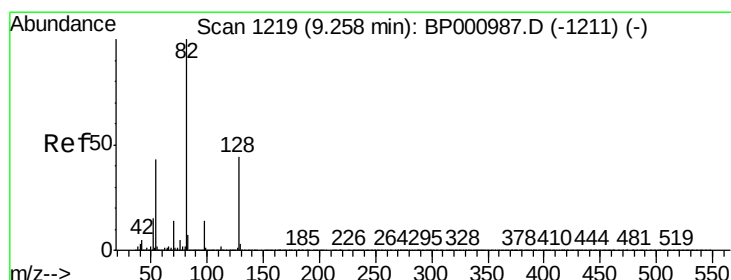
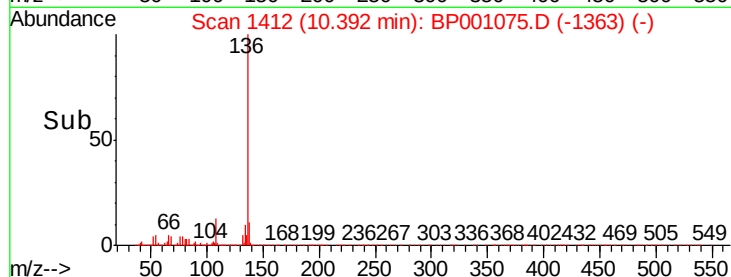
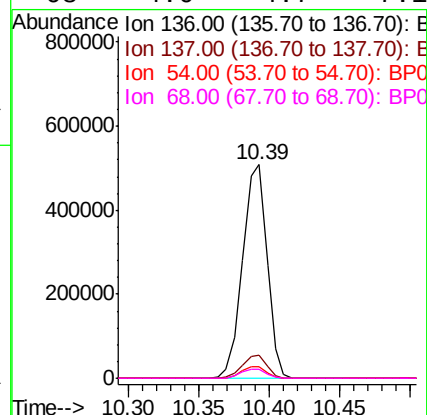
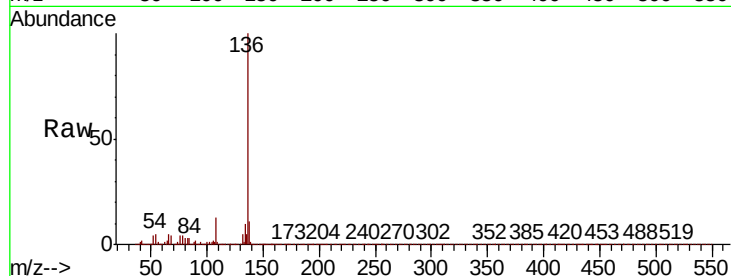




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.39 min Scan# 1412
Delta R.T. -0.01 min
Lab File: BP001075.D
Acq: 19 Nov 2019 03:43

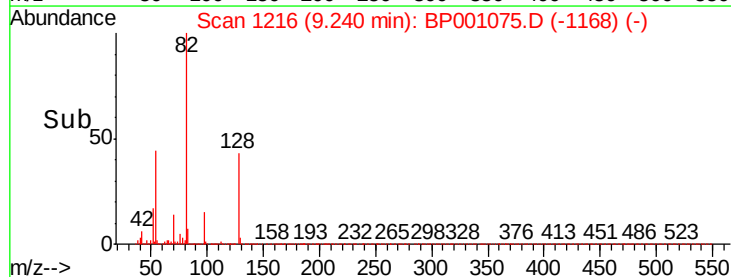
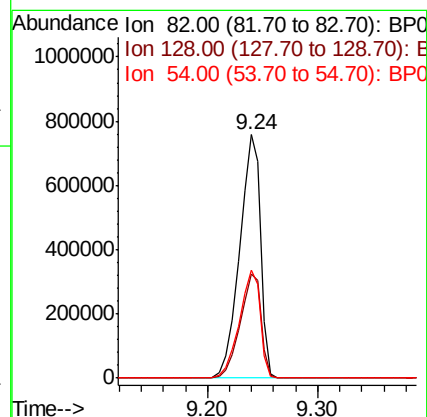
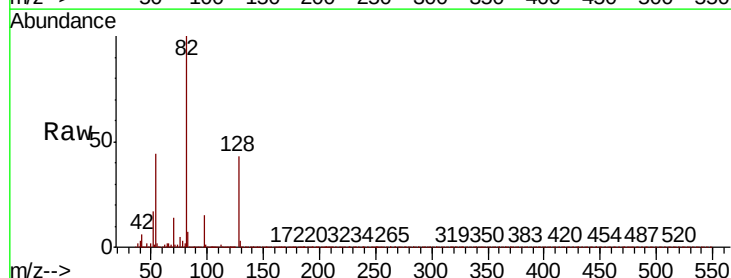
Instrument :
BNA_P
ClientSampleId :
RT-3037

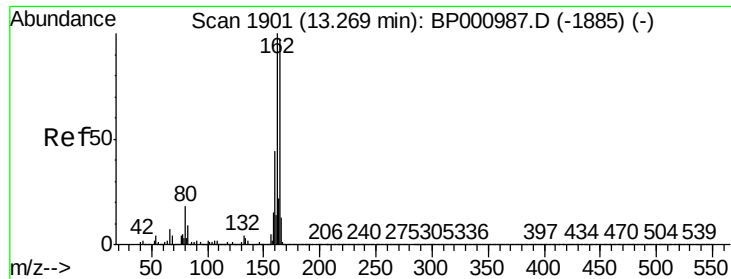
Tot Ion:136	Resp:	616692	
Ion Ratio	Lower	Upper	
136 100			
137 10.8	9.0	13.6	
54 5.5	5.4	8.2	
68 4.0	4.7	7.1#	



#23
Nitrobenzene-d5
Concen: 90.130 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.02 min
Lab File: BP001075.D
Acq: 19 Nov 2019 03:43

Tgt Ion: 82	Resp: 1004803
Ion Ratio	Lower Upper
82 100	
128 42.6	35.3 52.9
54 44.4	34.3 51.5





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 13.25 min Scan# 1898

Delta R.T. -0.02 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

Instrument :

BNA_P

ClientSampleId :

RT-3037

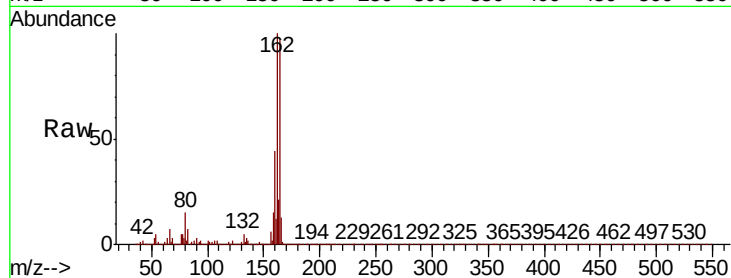
Tot Ion:164 Resp: 389383

Ion Ratio Lower Upper

164 100

162 102.8 82.6 123.8

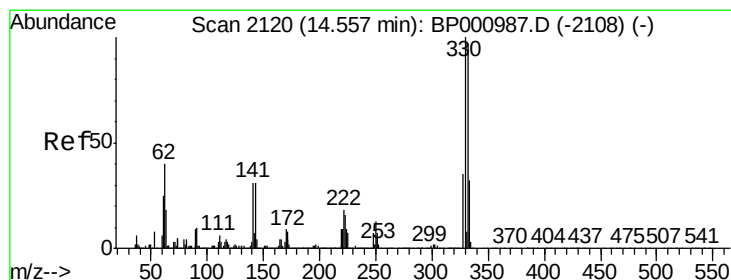
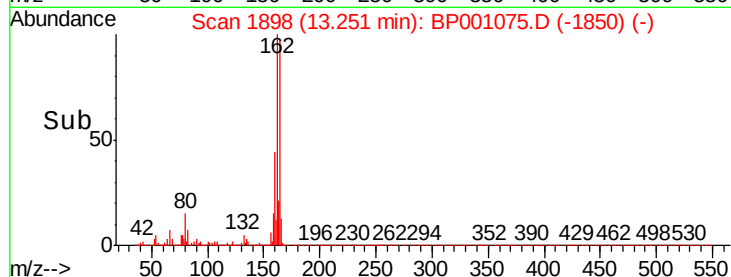
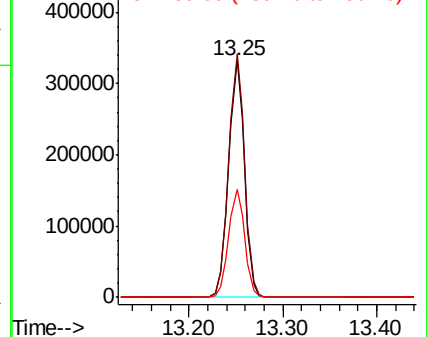
160 45.3 36.5 54.7



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#42

2,4,6-Tribromophenol

Concen: 170.013 ng

RT: 14.55 min Scan# 2119

Delta R.T. -0.01 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

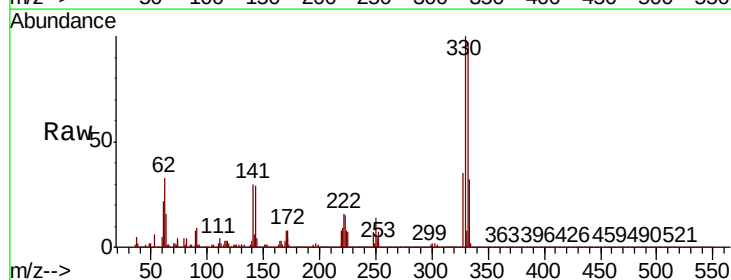
Tgt Ion:330 Resp: 790278

Ion Ratio Lower Upper

330 100

332 96.9 78.3 117.5

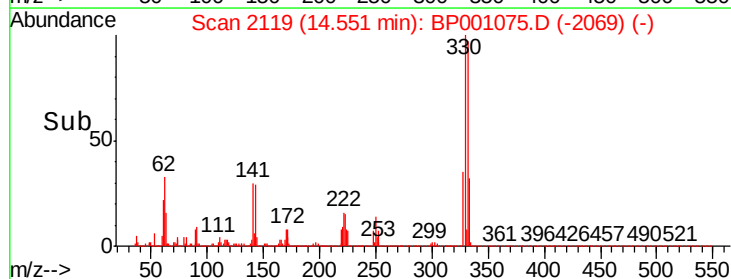
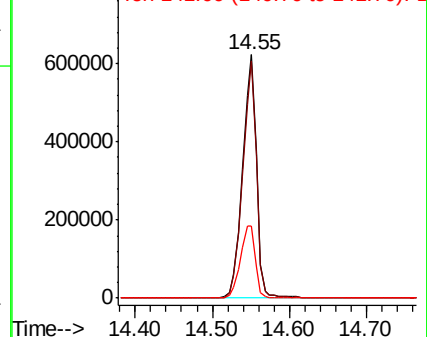
141 32.3 25.0 37.4

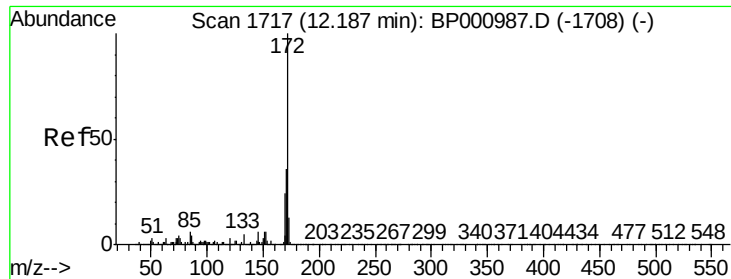


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

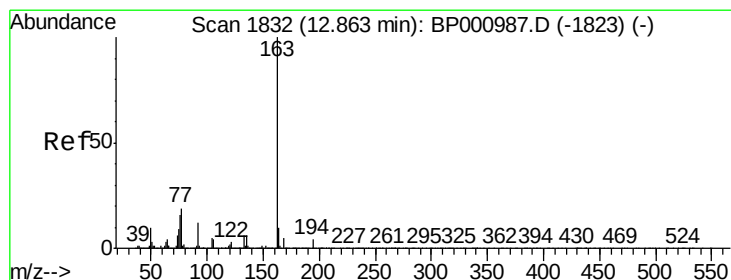
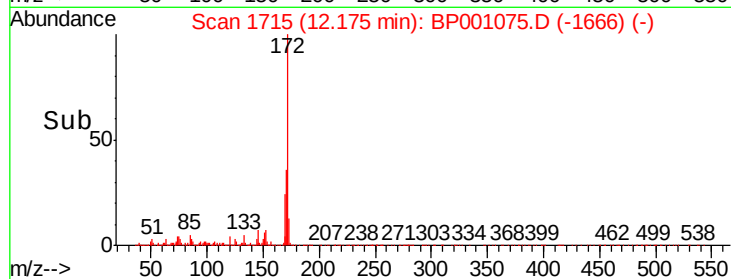
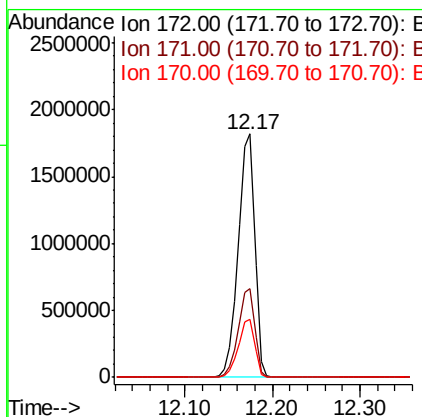
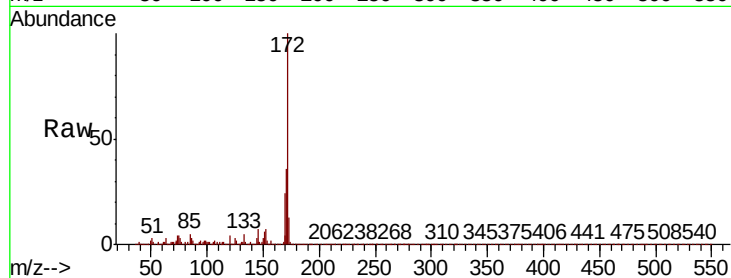




#45
2-Fluorobiphenyl
Concen: 89.380 ng
RT: 12.17 min Scan# 1715
Delta R.T. -0.01 min
Lab File: BP001075.D
Acq: 19 Nov 2019 03:43

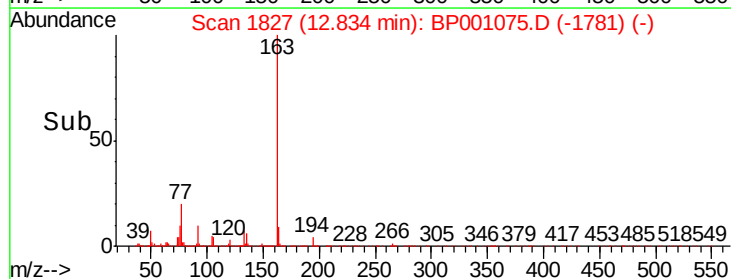
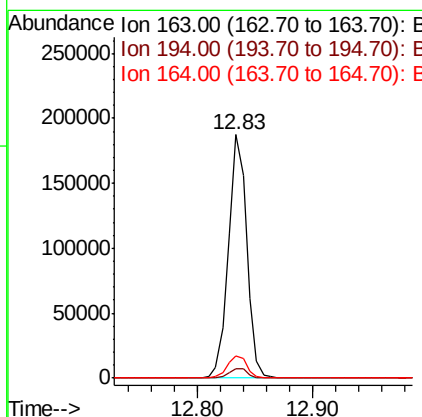
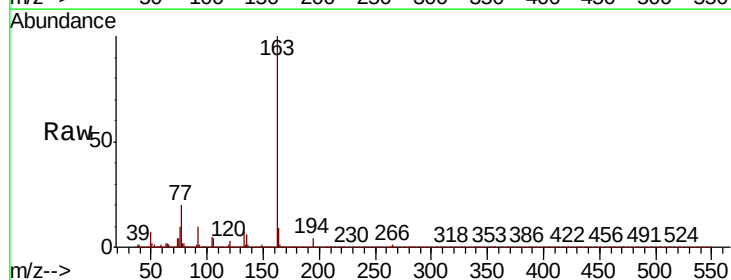
Instrument :
BNA_P
ClientSampleId :
RT-3037

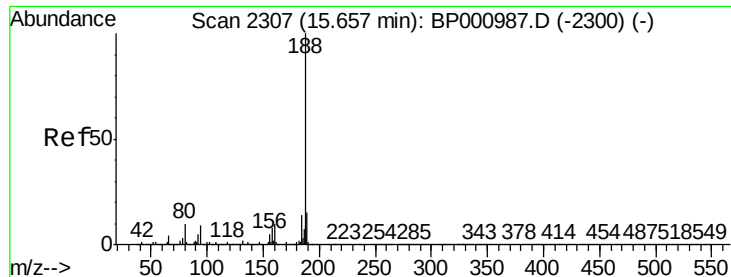
Tot Ion:172 Resp: 2310818
Ion Ratio Lower Upper
172 100
171 36.4 28.5 42.7
170 23.8 18.9 28.3



#50
Dimethylphthalate
Concen: 7.176 ng
RT: 12.83 min Scan# 1827
Delta R.T. -0.03 min
Lab File: BP001075.D
Acq: 19 Nov 2019 03:43

Tgt Ion:163 Resp: 206609
Ion Ratio Lower Upper
163 100
194 3.7 3.4 5.2
164 9.2 7.9 11.9





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 15.65 min Scan# 2305

Delta R.T. -0.01 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

Instrument :

BNA_P

ClientSampleId :

RT-3037

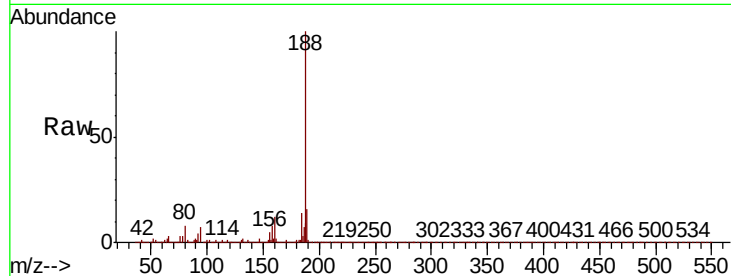
Tot Ion:188 Resp: 849113

Ion Ratio Lower Upper

188 100

94 7.1 7.4 11.2#

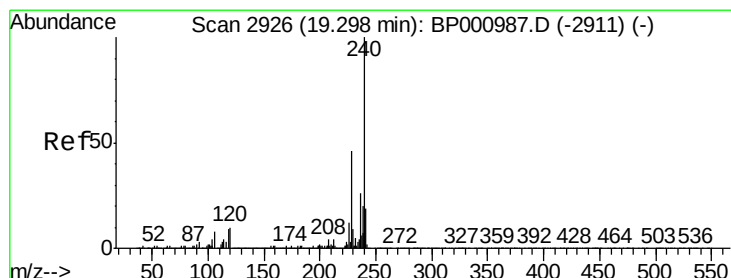
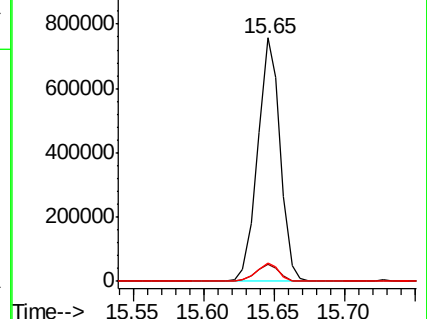
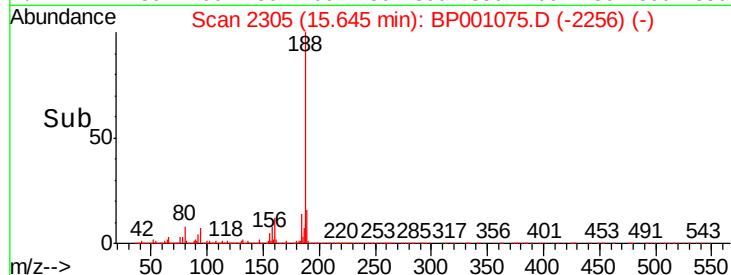
80 7.7 7.9 11.9#



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: 19.29 min Scan# 2924

Delta R.T. -0.01 min

Lab File: BP001075.D

Acq: 19 Nov 2019 03:43

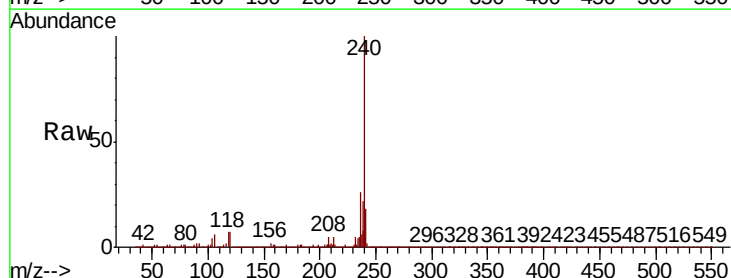
Tgt Ion:240 Resp: 803849

Ion Ratio Lower Upper

240 100

120 7.5 8.2 12.2#

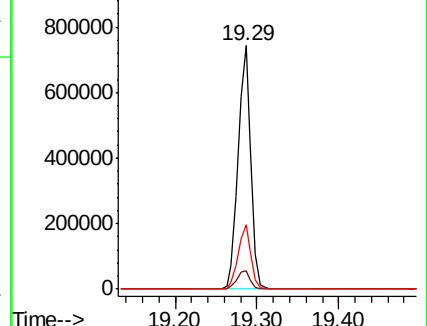
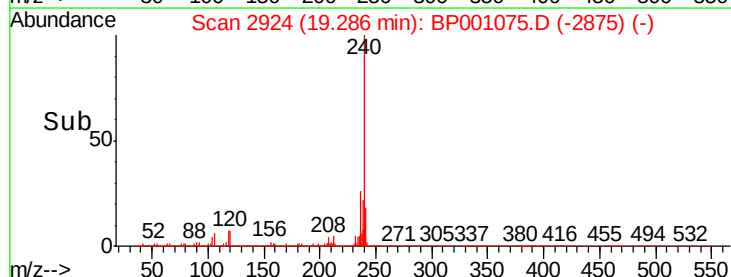
236 26.2 20.5 30.7

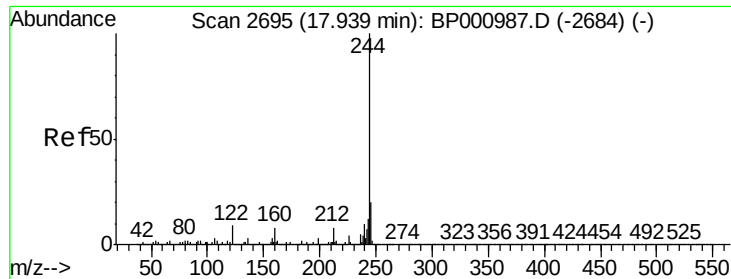


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

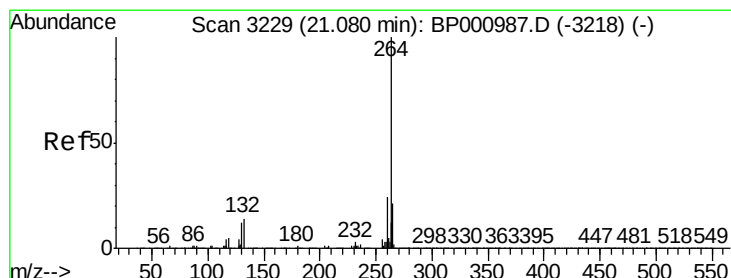
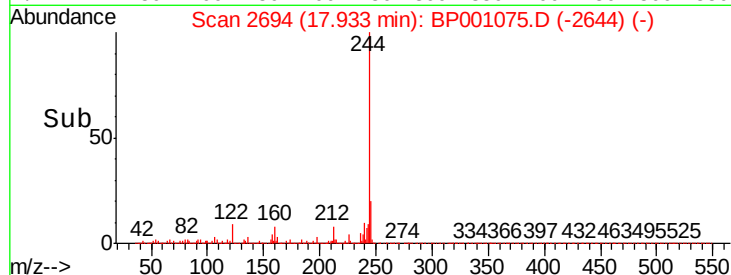
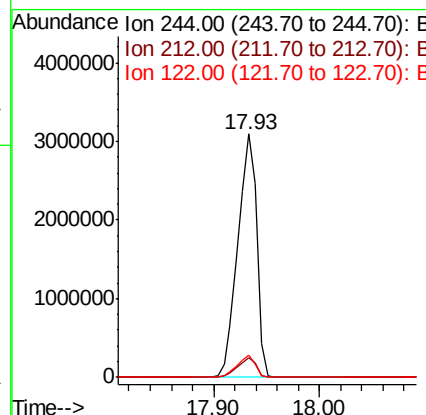
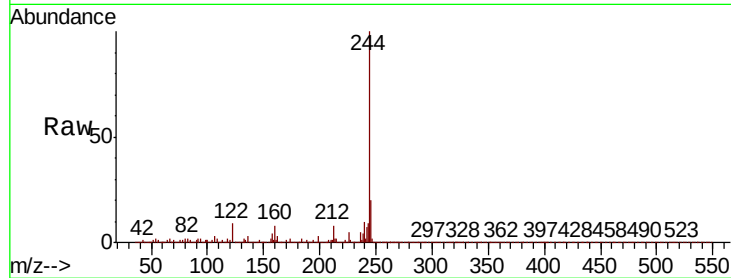




#79
 Terphenyl-d14
 Concen: 93.536 ng
 RT: 17.93 min Scan# 2694
 Delta R.T. -0.01 min
 Lab File: BP001075.D
 Acq: 19 Nov 2019 03:43

Instrument :
 BNA_P
 ClientSampleId :
 RT-3037

Tot Ion:244 Resp: 3779931
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.0 9.0
 122 9.3 7.4 11.2



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 21.07 min Scan# 3227
 Delta R.T. -0.01 min
 Lab File: BP001075.D
 Acq: 19 Nov 2019 03:43

Tgt Ion:264 Resp: 817635
 Ion Ratio Lower Upper
 264 100
 260 23.4 18.8 28.2
 265 21.2 17.1 25.7

