

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM082118\
 Data File : BM016516.D
 Acq On : 22 Aug 2018 12:12
 Operator : SJ/JU
 Sample : J4561-04
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 HUDSON-RIVER-PARK-TRUST-WC-

Quant Time: Aug 22 13:36:51 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM082118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 21 16:31:22 2018
 Response via : Initial Calibration

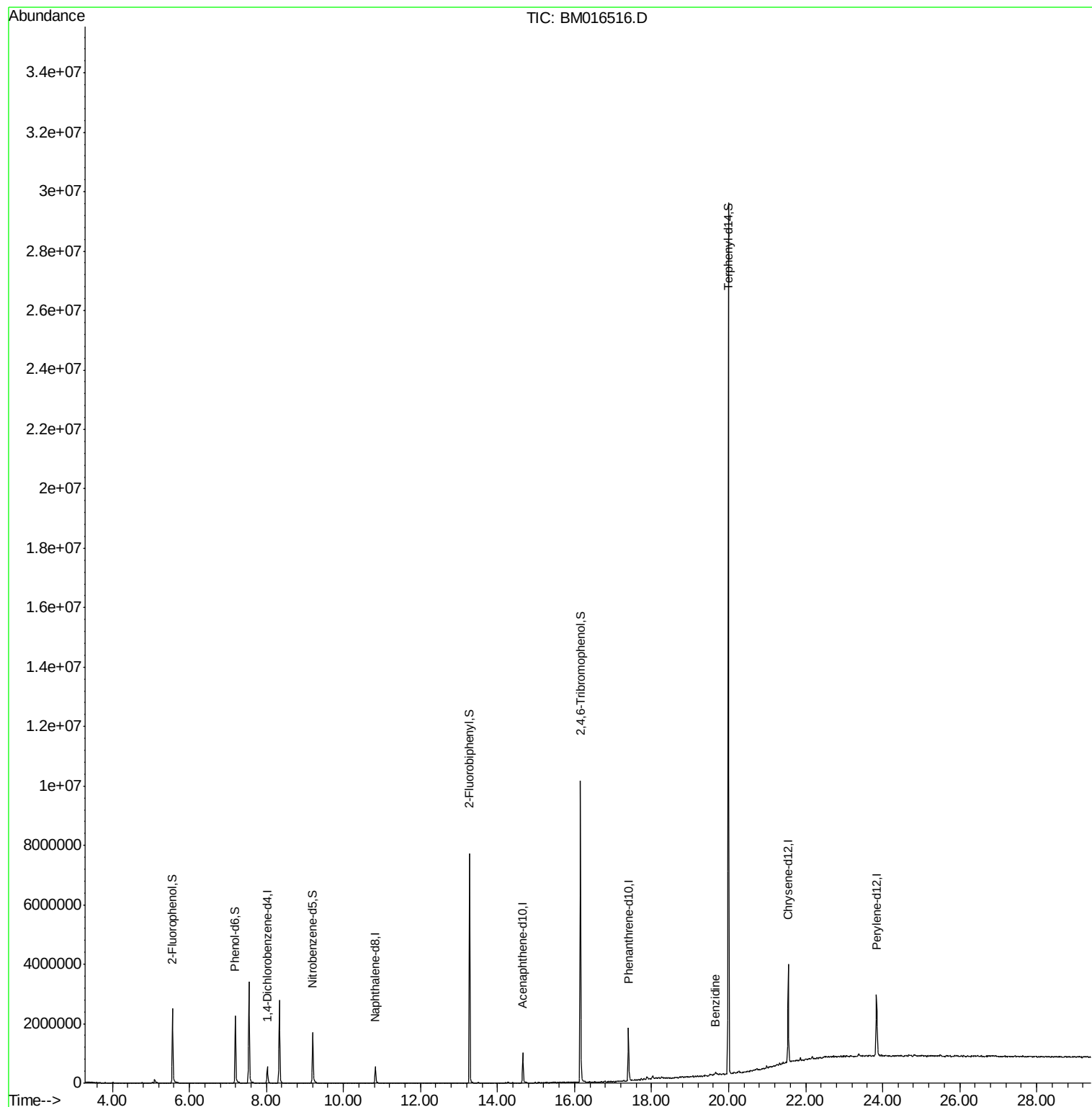
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	120504	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	375936	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	298113	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	1058249	20.00	ng	0.00
75) Chrysene-d12	21.55	240	1614094	20.00	ng	0.00
86) Perylene-d12	23.84	264	1710479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	838507	136.35	ng	0.00
7) Phenol-d6	7.20	99	903980	111.09	ng	0.00
23) Nitrobenzene-d5	9.20	82	952936	115.74	ng	0.00
41) 2,4,6-Tribromophenol	16.16	330	1809059	217.08	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	3586701	115.65	ng	0.00
78) Terphenyl-d14	19.99	244	10671139	139.93	ng	0.00
Target Compounds						
76) Benzidine	19.66	184	93471	3.011	ng	Qvalue 95

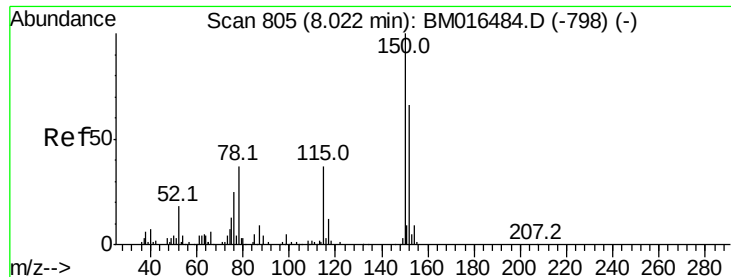
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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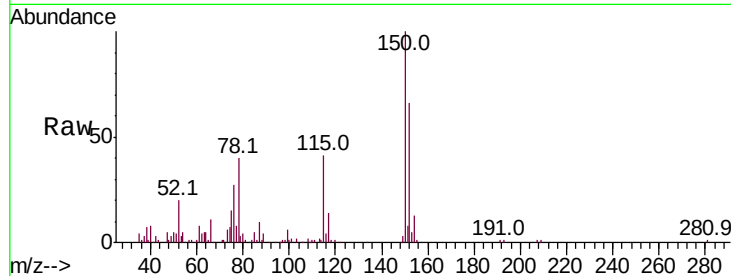


#1

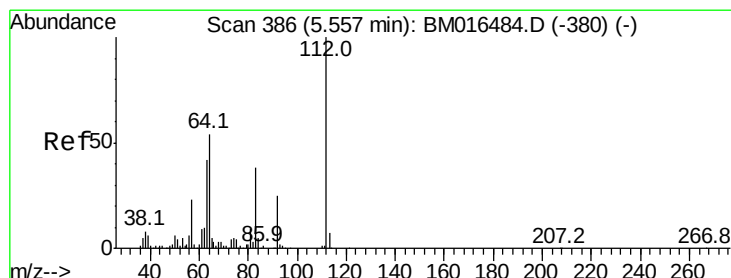
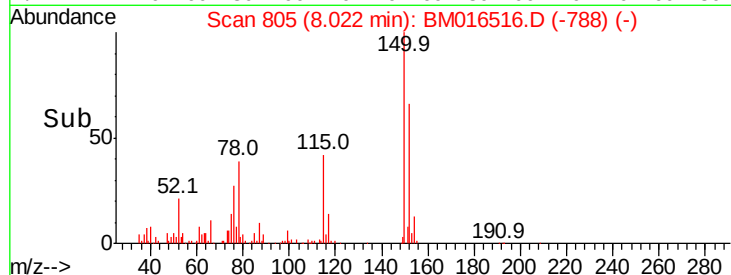
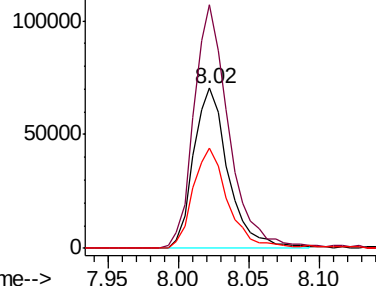
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 805
Delta R.T. 0.00 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Instrument :
BNA_M
ClientSampleId :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	119.5	179.3
115	62.9	43.0	64.4



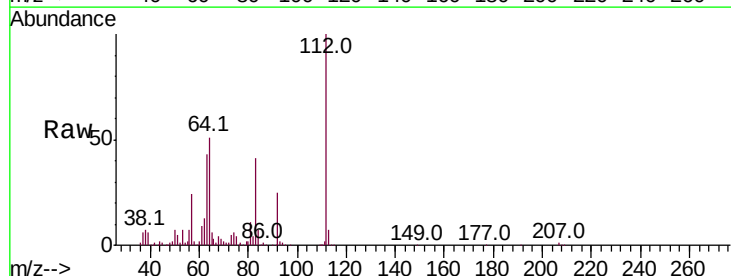
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



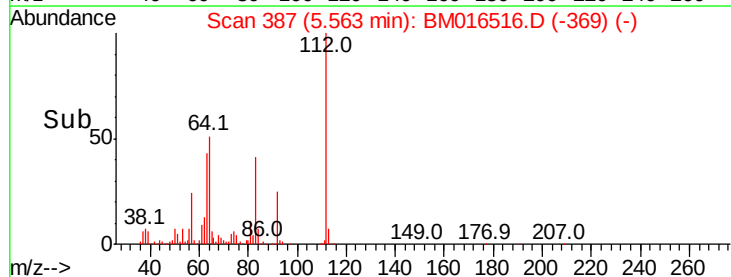
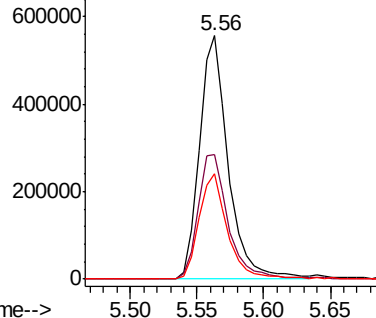
#5

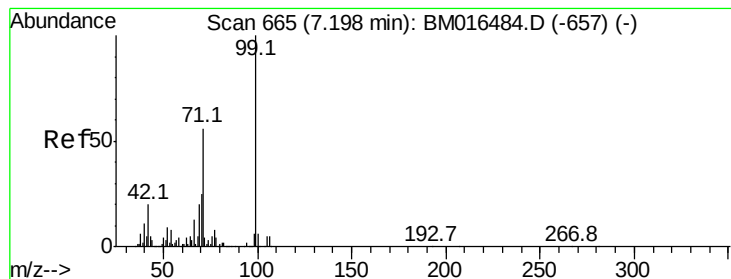
2-Fluorophenol
Concen: Below ng
RT: 5.56 min Scan# 387
Delta R.T. 0.01 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.3	38.6	57.8
63	43.0	19.3	28.9



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BM0
Ion 63.00 (62.70 to 63.70): BM0





#7

Phenol-d6

Concen: N.D. ng

RT: 7.20 min Scan# 665

Delta R.T. 0.00 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

Instrument :

BNA_M

ClientSampleId :

HUDSON-RIVER-PARK-TRUST-WC-

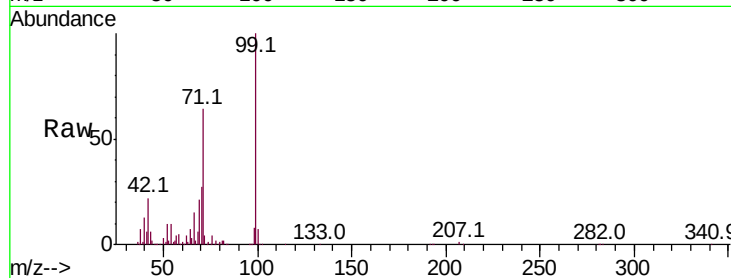
Tot Ion: 99 Resp: 903980

Ion Ratio Lower Upper

99 100

42 21.6 11.0 16.4#

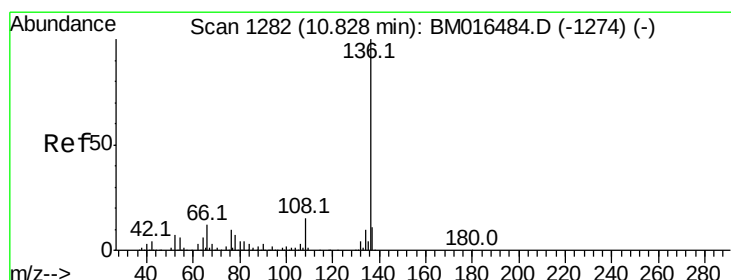
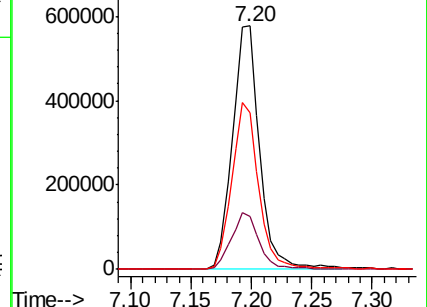
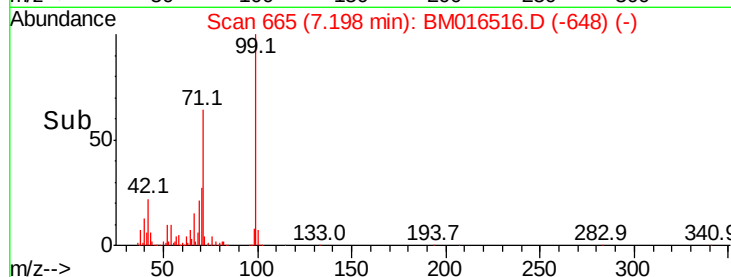
71 64.1 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM016516.D (-648) (-)

Ion 42.00 (41.70 to 42.70): BM016516.D (-648) (-)

Ion 71.00 (70.70 to 71.70): BM016516.D (-648) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1282

Delta R.T. 0.00 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

Tgt Ion: 136 Resp: 375936

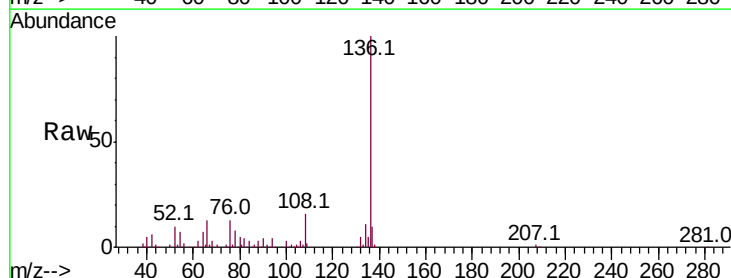
Ion Ratio Lower Upper

136 100

137 10.2 8.7 13.1

54 7.4 4.6 6.8#

68 3.3 3.7 5.5#

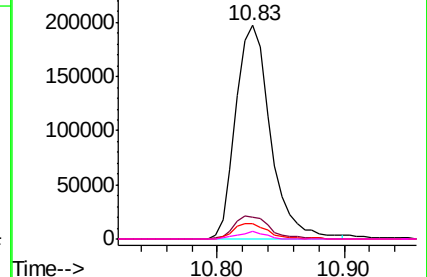
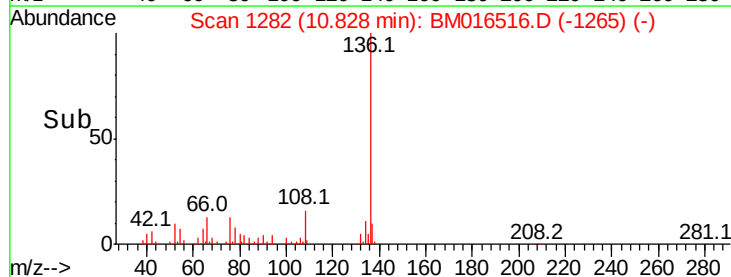


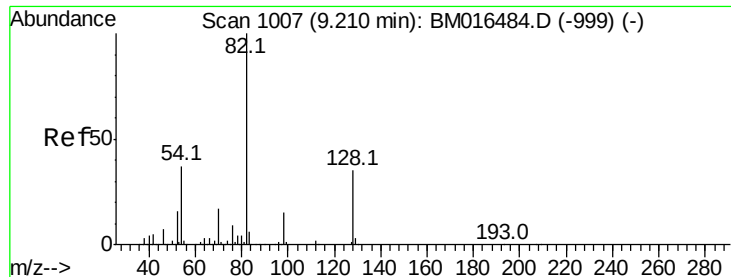
Abundance Ion 136.00 (135.70 to 136.70): BM016516.D (-1265) (-)

Ion 137.00 (136.70 to 137.70): BM016516.D (-1265) (-)

Ion 54.00 (53.70 to 54.70): BM016516.D (-1265) (-)

Ion 68.00 (67.70 to 68.70): BM016516.D (-1265) (-)

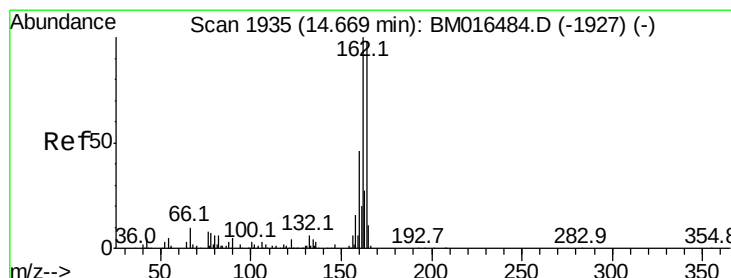
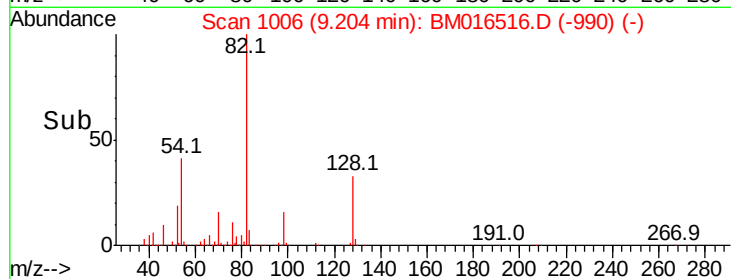
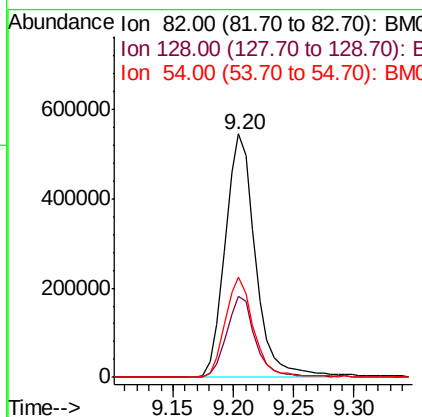
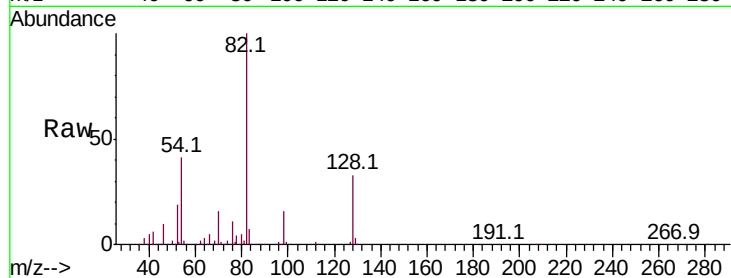




#23
Nitrobenzene-d5
Concen: N.D. ng
RT: 9.20 min Scan# 1006
Delta R.T. -0.01 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

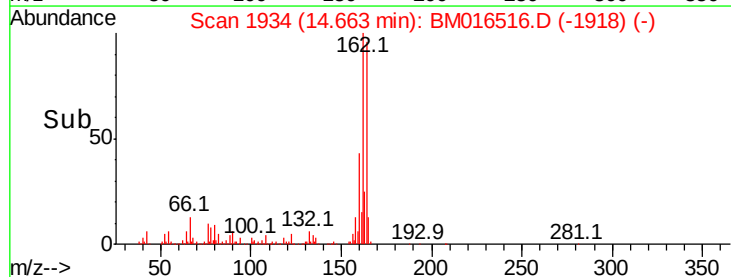
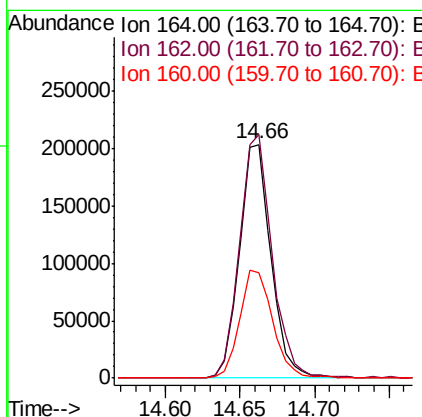
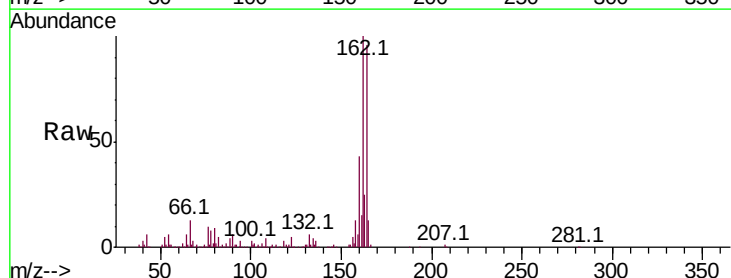
Instrument :
BNA_M
ClientSampleId :
HUDSON-RIVER-PARK-TRUST-WC-

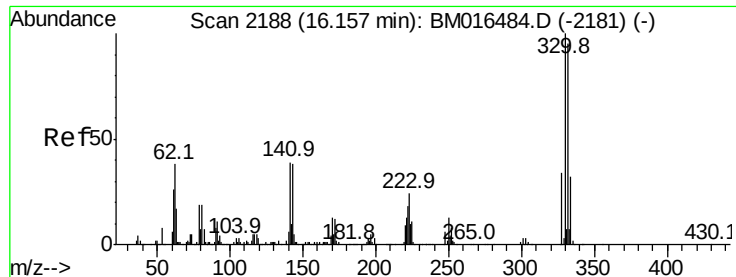
Tot Ion	82	Resp	952936
Ion Ratio	Lower	Upper	
82	100		
128	33.3	32.8	49.2
54	41.4	40.6	60.8



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1934
Delta R.T. -0.01 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Tgt Ion	164	Resp	298113
Ion Ratio	Lower	Upper	
164	100		
162	104.2	82.4	123.6
160	45.0	35.8	53.6

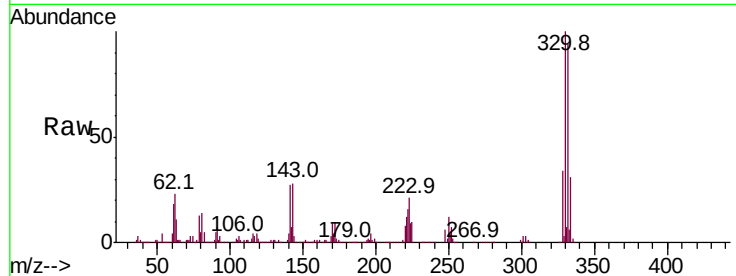




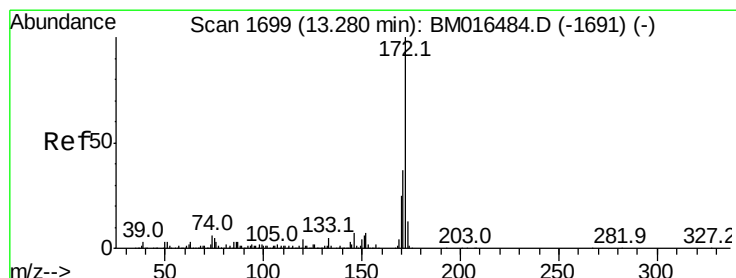
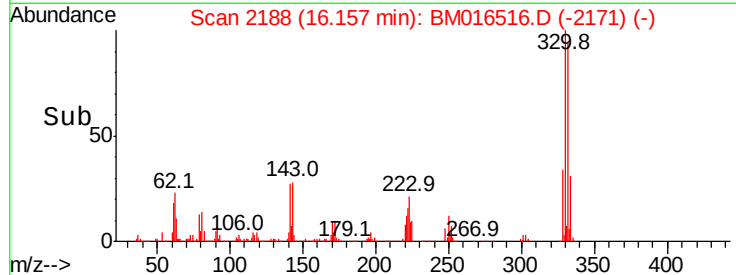
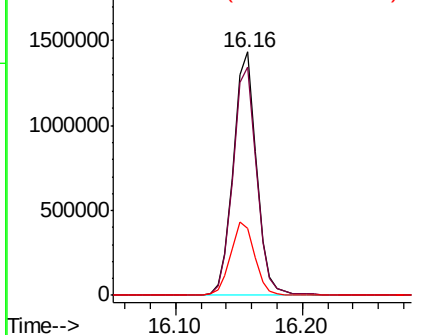
#41
 2,4,6-Tribromophenol
 Concen: N.D. ng
 RT: 16.16 min Scan# 2188
 Delta R.T. 0.00 min
 Lab File: BM016516.D
 Acq: 22 Aug 2018 12:12

Instrument :
 BNA_M
 ClientSampleId :
 HUDSON-RIVER-PARK-TRUST-WC-

Tot Ion:330 Resp: 1809059
 Ion Ratio Lower Upper
 330 100
 332 95.7 0.0 0.0#
 141 31.7 0.0 0.0#

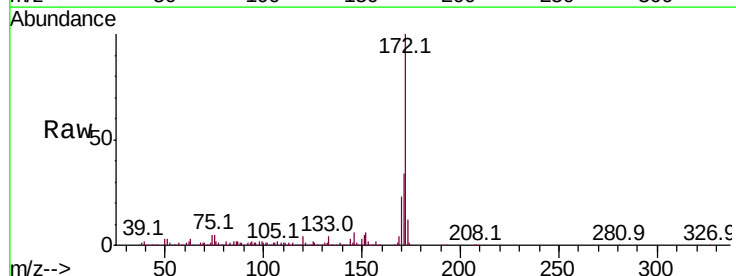


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

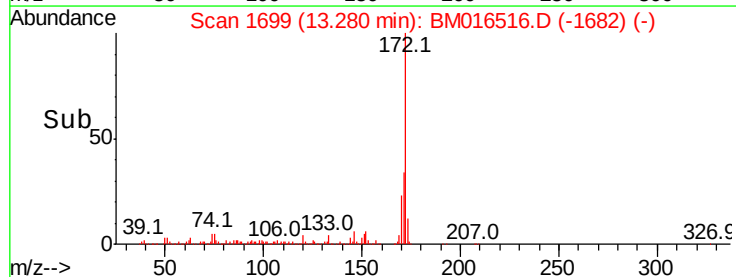
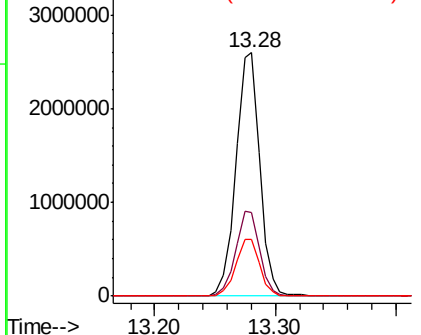


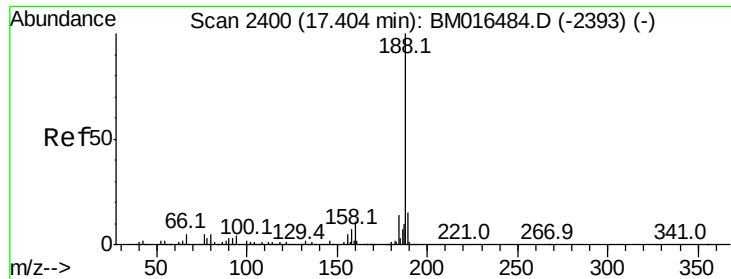
#44
 2-Fluorobiphenyl
 Concen: N.D. ng
 RT: 13.28 min Scan# 1699
 Delta R.T. 0.00 min
 Lab File: BM016516.D
 Acq: 22 Aug 2018 12:12

Tgt Ion:172 Resp: 3586701
 Ion Ratio Lower Upper
 172 100
 171 34.2 28.5 42.7
 170 23.1 18.8 28.2



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

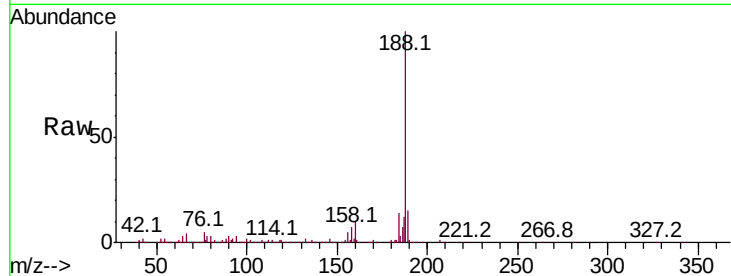




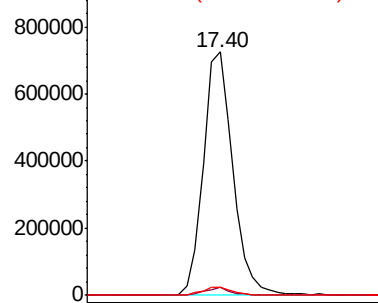
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2400
Delta R.T. 0.00 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Instrument :
BNA_M
ClientSampleId :
HUDSON-RIVER-PARK-TRUST-WC-

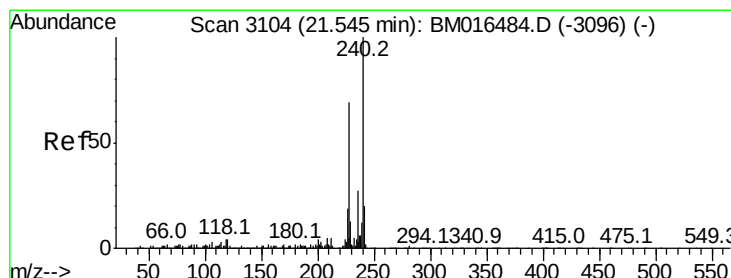
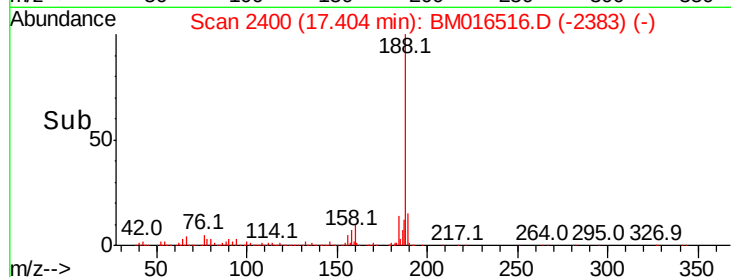
Tot Ion:188 Resp: 1058249
Ion Ratio Lower Upper
188 100
94 3.1 8.7 13.1#
80 3.4 9.3 13.9#



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

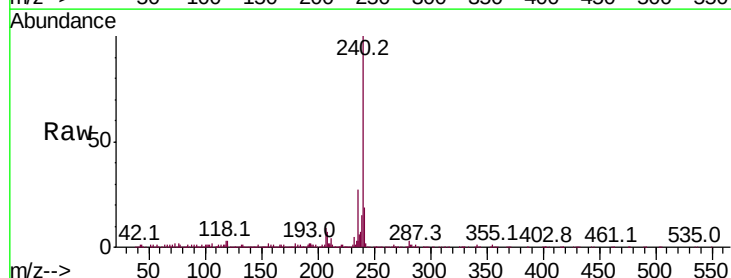


Time-->

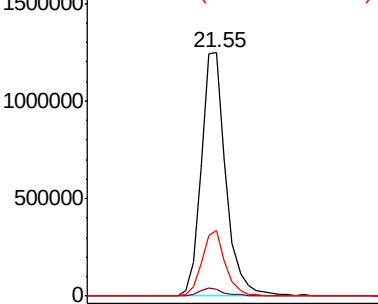


#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.55 min Scan# 3105
Delta R.T. 0.01 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

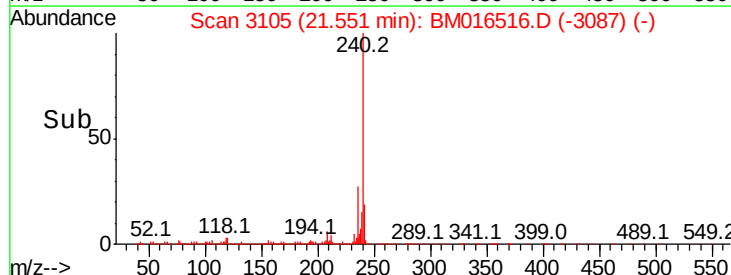
Tgt Ion:240 Resp: 1614094
Ion Ratio Lower Upper
240 100
120 2.8 8.2 12.2#
236 27.2 20.0 30.0

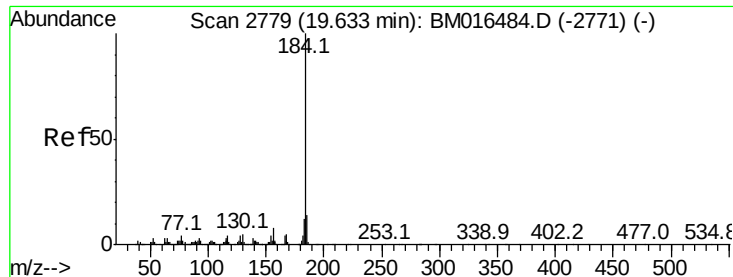


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#76

Benzidine

Concen: 3.011 ng

RT: 19.66 min Scan# 2783

Delta R.T. 0.02 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

Instrument :

BNA_M

ClientSampleId :

HUDSON-RIVER-PARK-TRUST-WC-

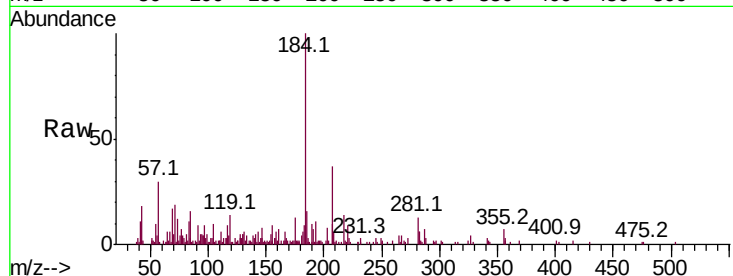
Tot Ion:184 Resp: 93471

Ion Ratio Lower Upper

184 100

185 16.2 11.3 16.9

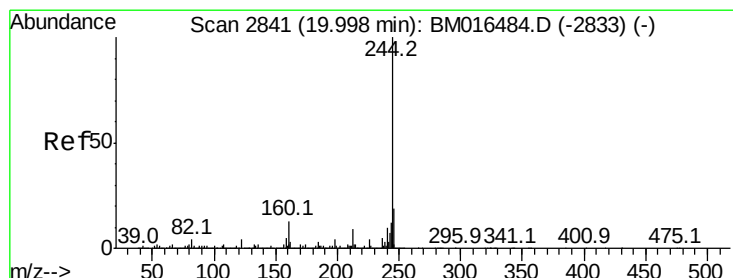
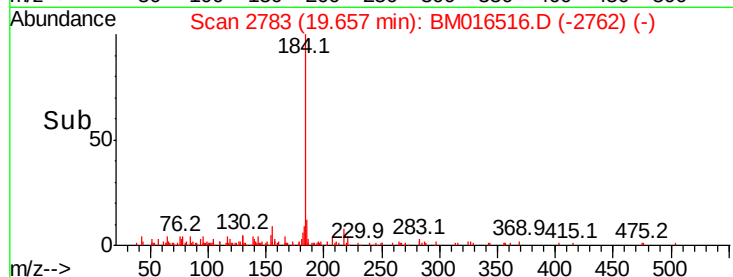
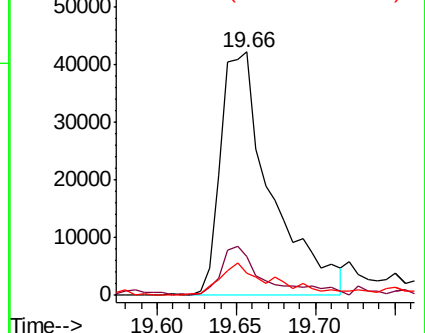
183 9.3 8.9 13.3



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



#78

Terphenyl-d14

Concen: Below ng

RT: 19.99 min Scan# 2840

Delta R.T. -0.01 min

Lab File: BM016516.D

Acq: 22 Aug 2018 12:12

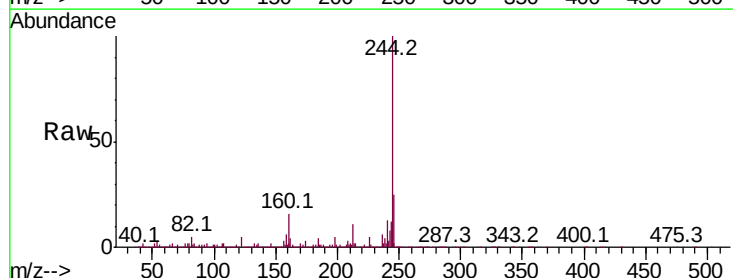
Tgt Ion:244 Resp:10671139

Ion Ratio Lower Upper

244 100

212 11.3 4.9 7.3#

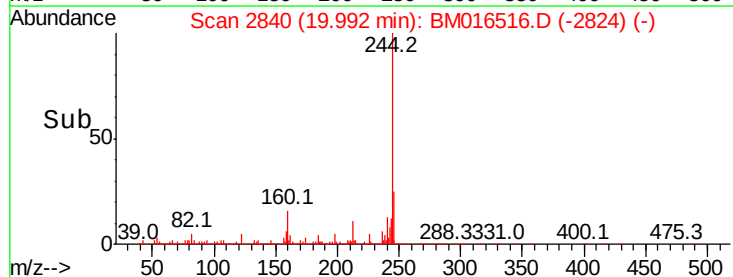
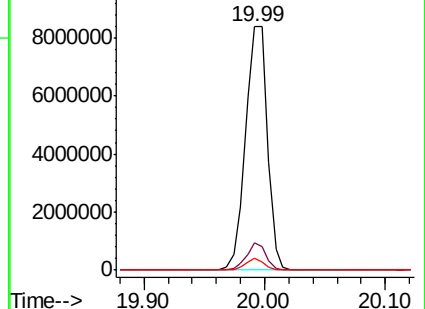
122 4.9 6.2 9.4#

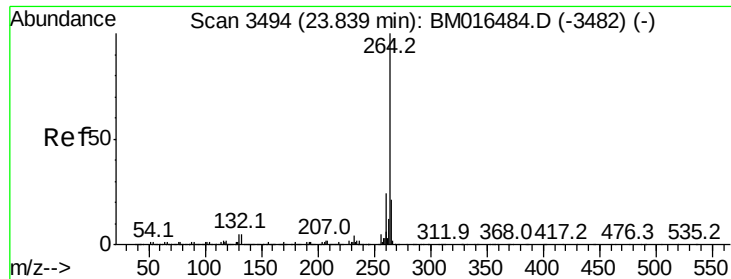


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.84 min Scan# 3494
Delta R.T. 0.00 min
Lab File: BM016516.D
Acq: 22 Aug 2018 12:12

Instrument :
BNA_M
ClientSampleId :
HUDSON-RIVER-PARK-TRUST-WC-

Tot Ion:264 Resp: 1710479

Ion	Ratio	Lower	Upper
264	100		
260	24.6	18.6	27.8
265	23.7	17.3	25.9

