

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011290.D
 Acq On : 18 Aug 2017 09:00
 Operator : SJ/JU
 Sample : I4852-03RE
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-207RE

Quant Time: Aug 18 16:00:54 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 16 02:25:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	83449	20.00	ng	-0.01
21) Naphthalene-d8	10.03	136	286005	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	195562	20.00	ng	-0.02
63) Phenanthrene-d10	16.70	188	479517	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	668870	20.00	ng	-0.01
86) Perylene-d12	23.00	264	663545	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	76689	15.54	ng	-0.02
7) Phenol-d6	6.47	99	101739	14.51	ng	-0.02
23) Nitrobenzene-d5	8.42	82	88607	11.63	ng	-0.02
41) 2,4,6-Tribromophenol	15.46	330	45426	14.49	ng	-0.01
44) 2-Fluorobiphenyl	12.55	172	166327	10.67	ng	-0.02
78) Terphenyl-d14	19.37	244	333840	9.89	ng	-0.01

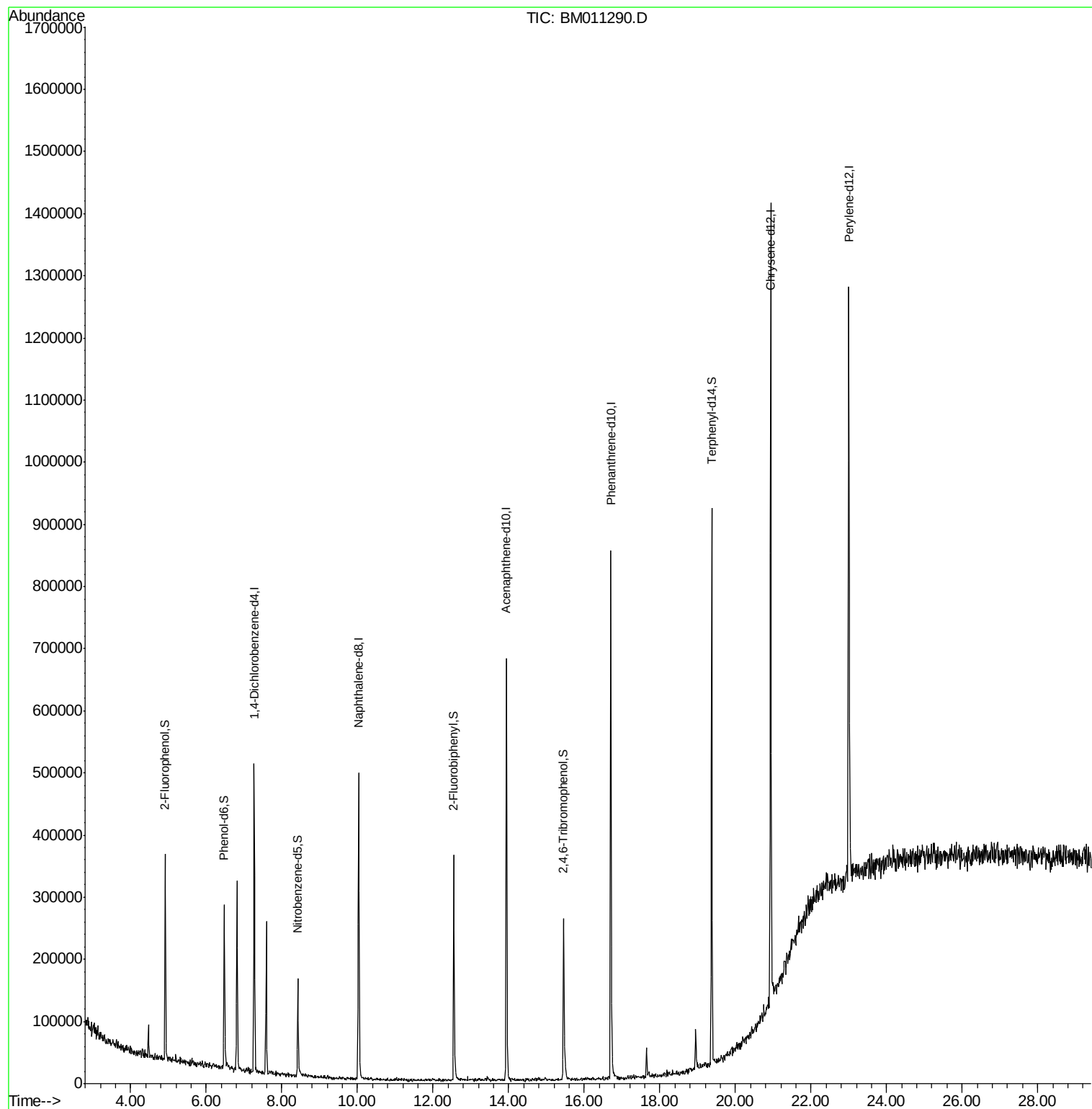
Target Compounds	Qvalue
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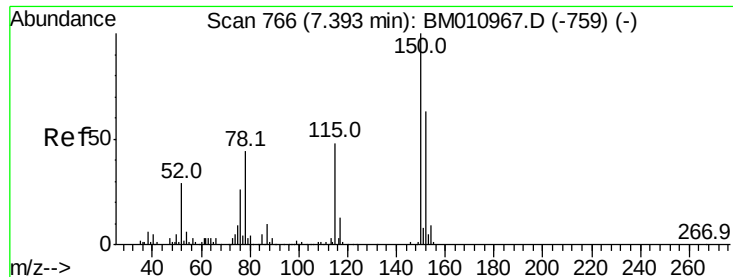
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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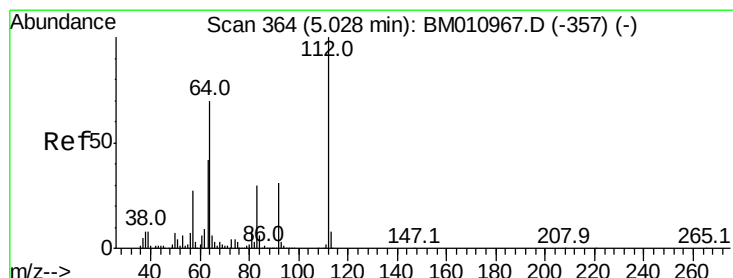
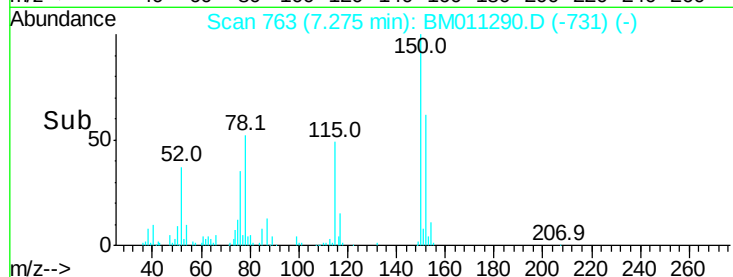
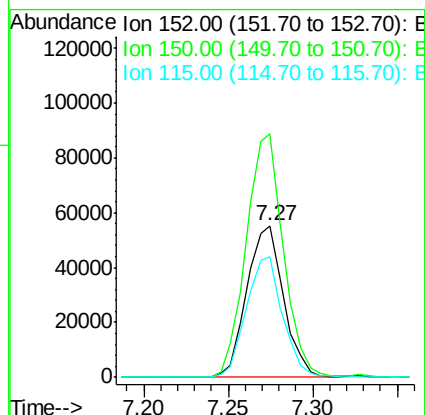
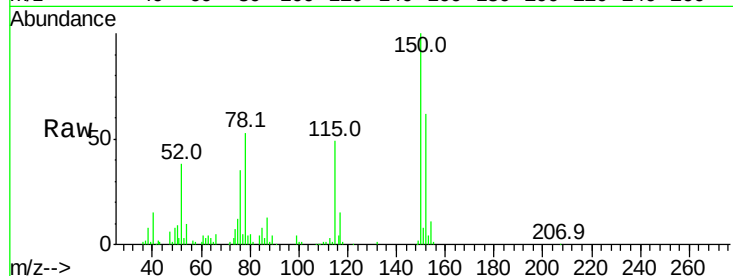


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 763
Delta R.T. -0.01 min
Lab File: BM011290.D
Acq: 18 Aug 2017 09:00

Instrument :
BNA_M
ClientSampleId :
VNJ-207RE

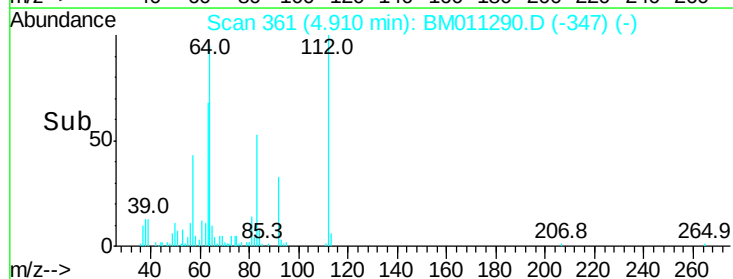
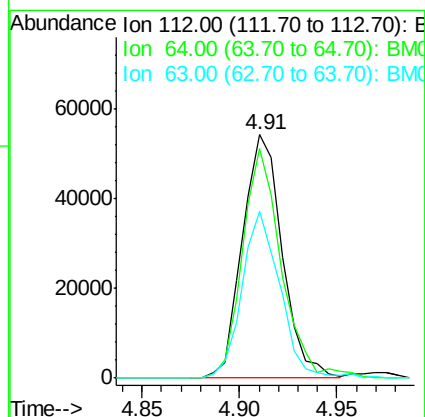
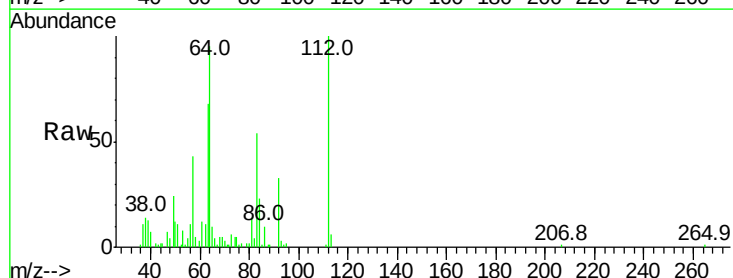
Tot Ion:152 Resp: 83449
Ion Ratio Lower Upper
152 100
150 160.1 119.5 179.3
115 79.1 43.0 64.4#

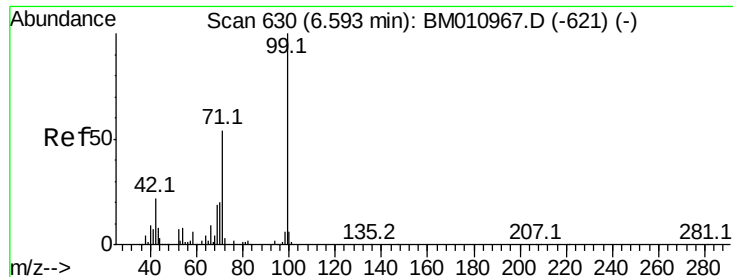


#5

2-Fluorophenol
Concen: 15.535 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011290.D
Acq: 18 Aug 2017 09:00

Tgt Ion:112 Resp: 76689
Ion Ratio Lower Upper
112 100
64 94.5 38.6 57.8#
63 68.3 19.3 28.9#





#7

Phenol-d6

Concen: 14.505 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011290.D

Acq: 18 Aug 2017 09:00

Instrument :

BNA_M

ClientSampleId :

VNJ-207RE

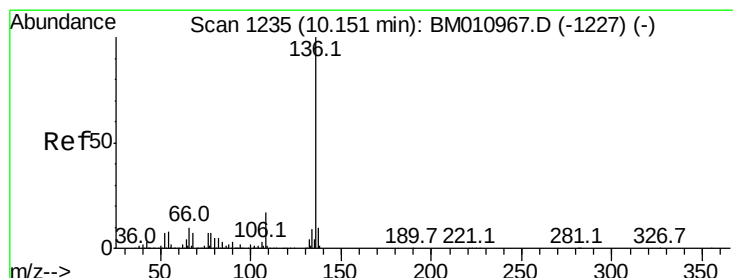
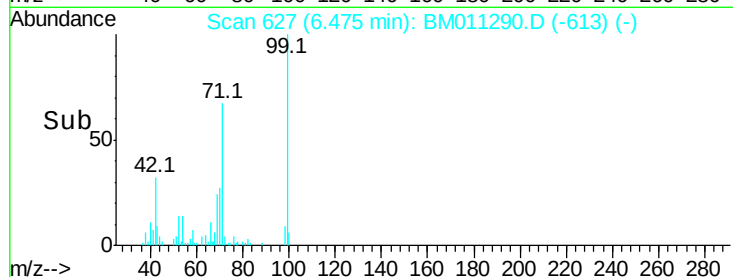
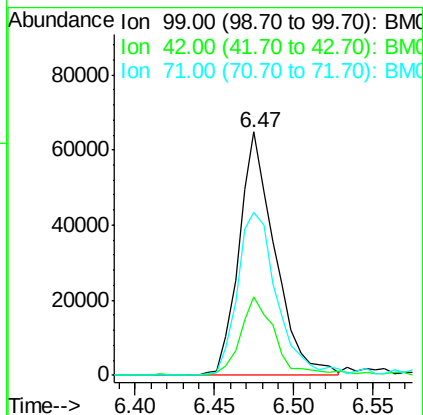
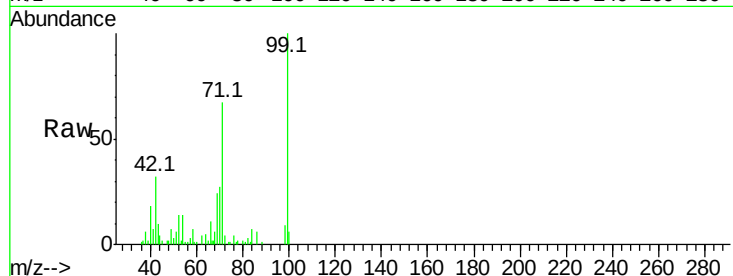
Tot Ion: 99 Resp: 101739

Ion Ratio Lower Upper

99 100

42 32.1 11.0 16.4#

71 67.1 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011290.D

Acq: 18 Aug 2017 09:00

Tgt Ion: 136 Resp: 286005

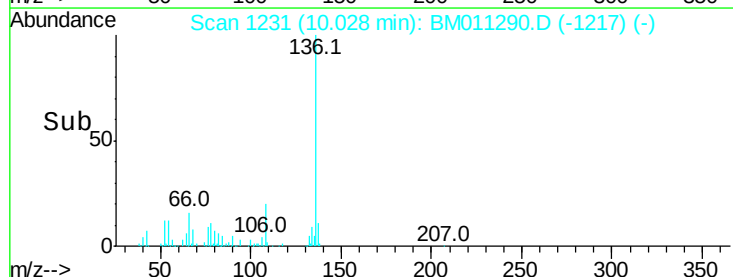
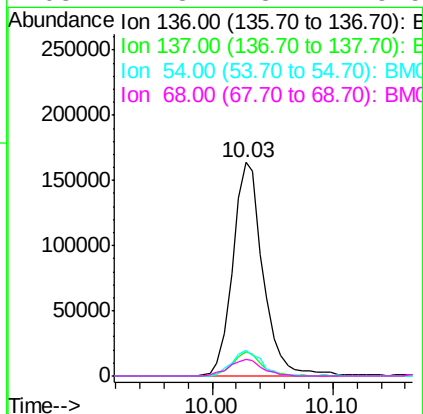
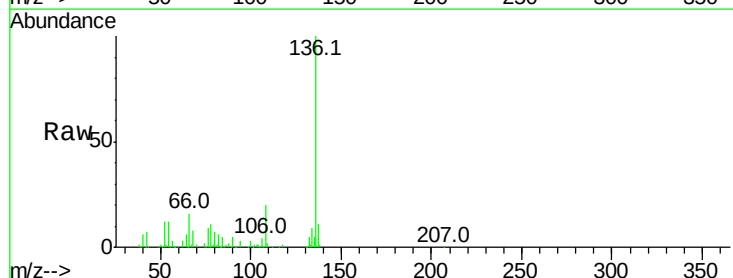
Ion Ratio Lower Upper

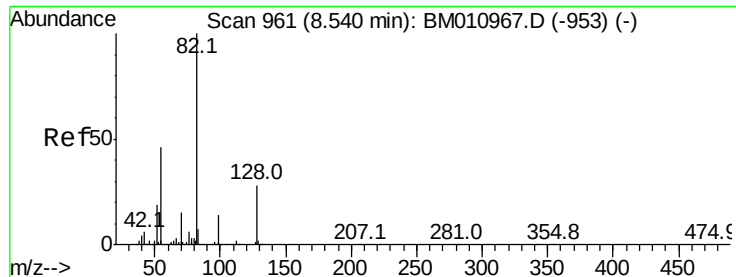
136 100

137 11.4 8.7 13.1

54 12.0 4.6 6.8#

68 7.8 3.7 5.5#

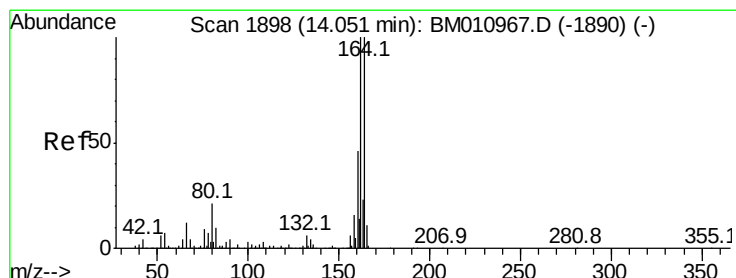
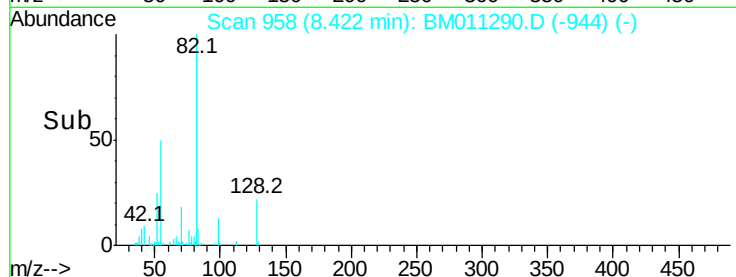
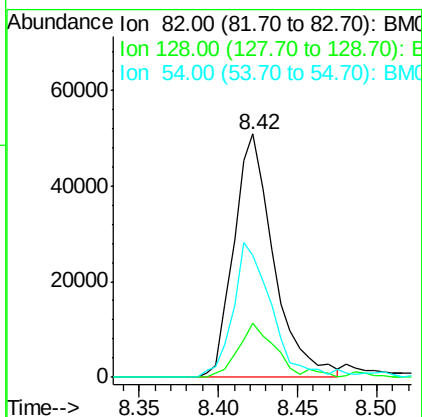
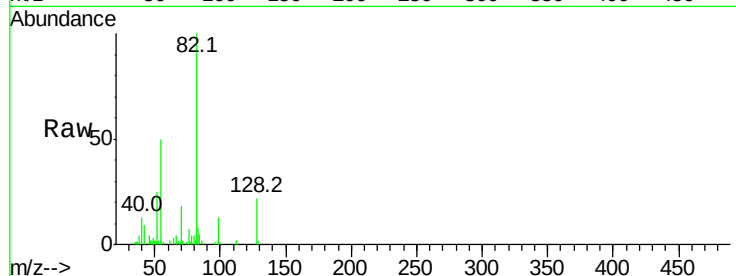




#23
 Nitrobenzene-d5
 Concen: 11.628 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011290.D
 Acq: 18 Aug 2017 09:00

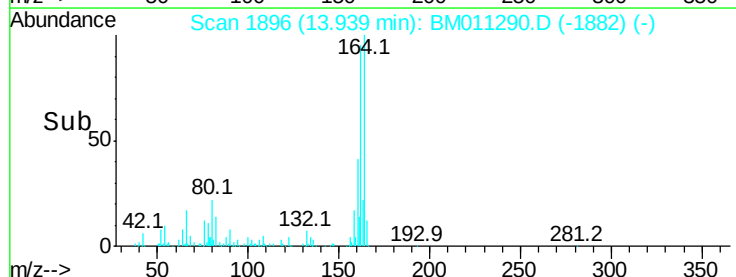
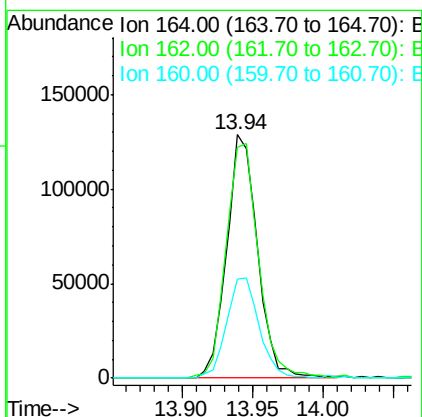
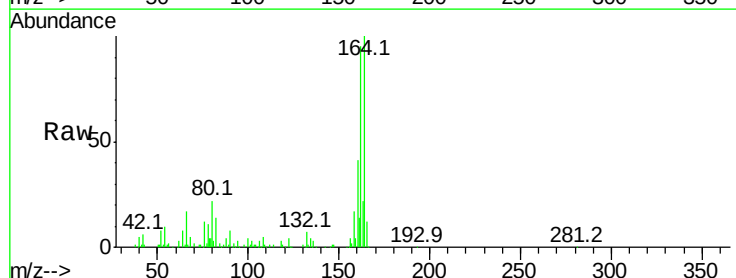
Instrument :
 BNA_M
 ClientSampleId :
 VNJ-207RE

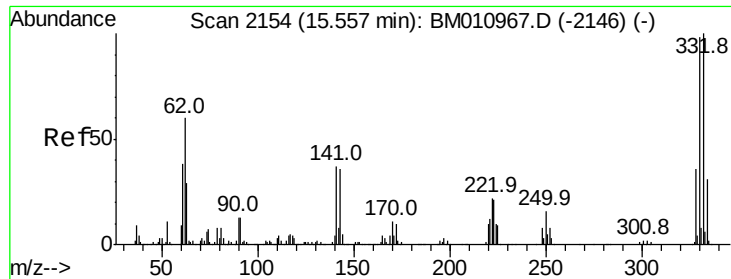
Tot Ion	82	Resp	88607
Ion Ratio	Lower	Upper	
82	100		
128	22.3	32.8	49.2#
54	50.0	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BM011290.D
 Acq: 18 Aug 2017 09:00

Tgt Ion	164	Resp	195562
Ion Ratio	Lower	Upper	
164	100		
162	94.6	82.4	123.6
160	40.7	35.8	53.6

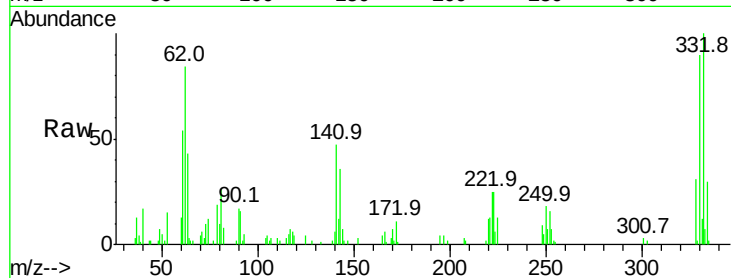




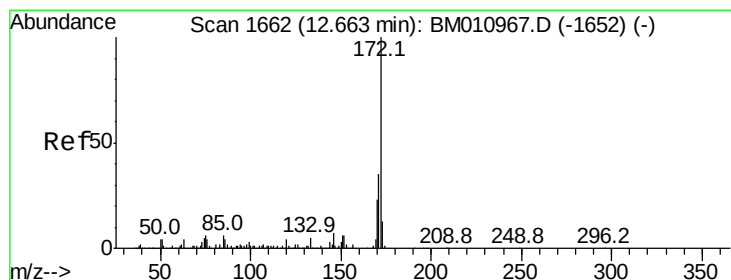
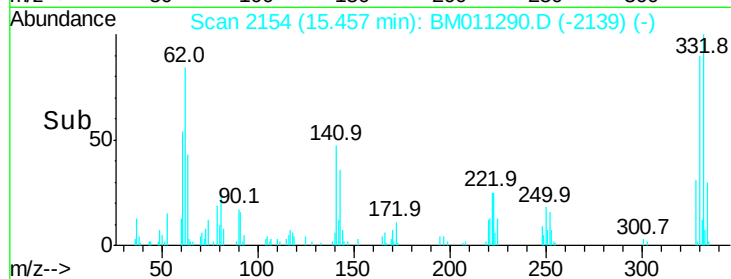
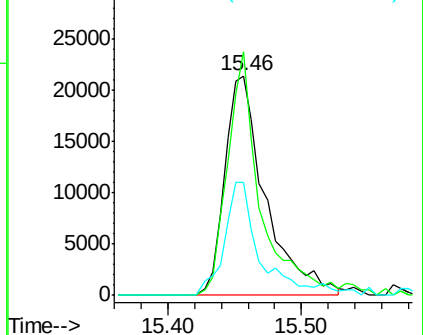
#41
 2,4,6-Tribromophenol
 Concen: 14.493 ng
 RT: 15.46 min Scan# 2154
 Delta R.T. -0.01 min
 Lab File: BM011290.D
 Acq: 18 Aug 2017 09:00

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-207RE

Tot Ion:330 Resp: 45426
 Ion Ratio Lower Upper
 330 100
 332 90.0 0.0 0.0#
 141 43.7 0.0 0.0#

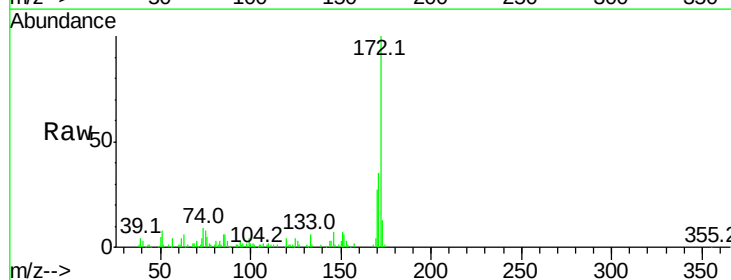


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

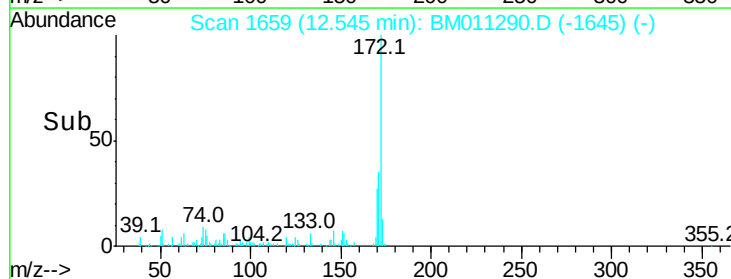
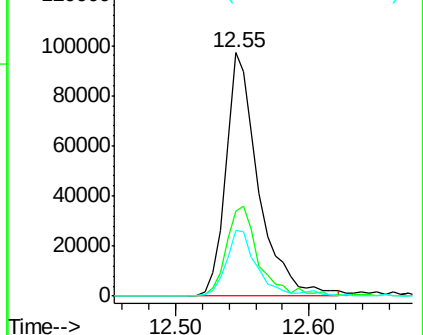


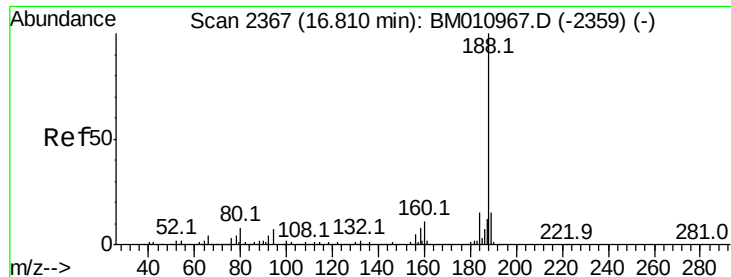
#44
 2-Fluorobiphenyl
 Concen: 10.667 ng
 RT: 12.55 min Scan# 1659
 Delta R.T. -0.02 min
 Lab File: BM011290.D
 Acq: 18 Aug 2017 09:00

Tgt Ion:172 Resp: 166327
 Ion Ratio Lower Upper
 172 100
 171 35.1 28.5 42.7
 170 27.2 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

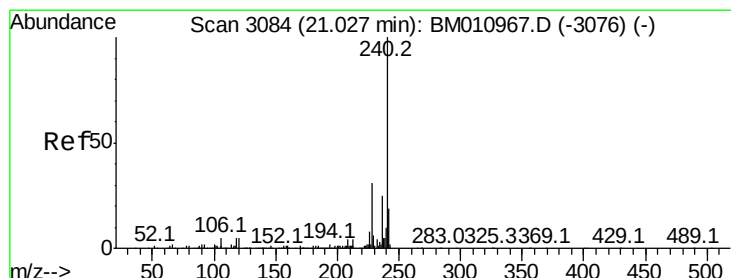
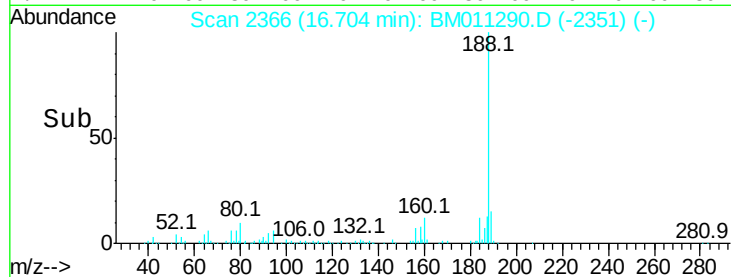
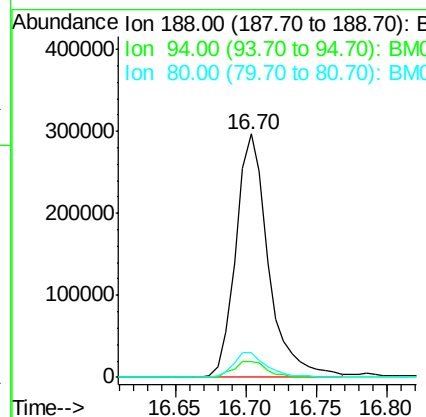
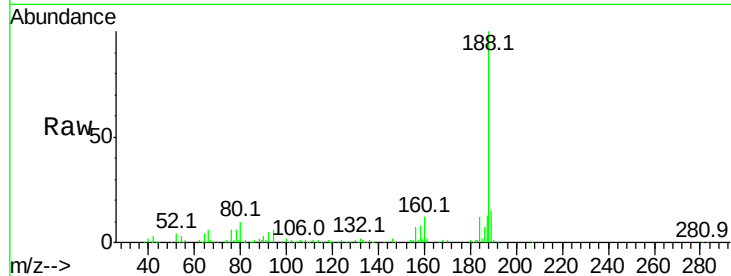




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.70 min Scan# 2366
Delta R.T. -0.01 min
Lab File: BM011290.D
Acq: 18 Aug 2017 09:00

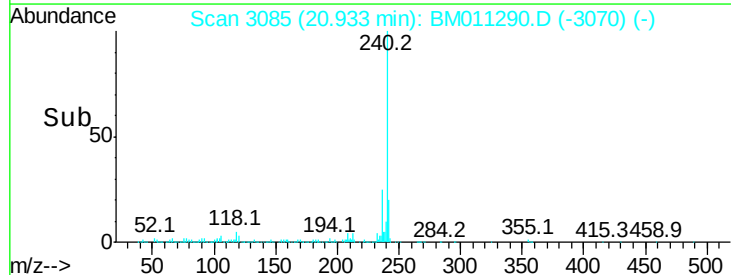
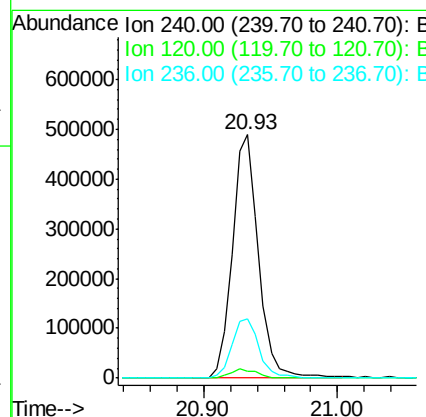
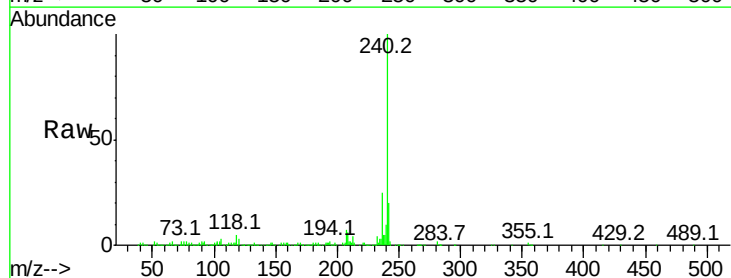
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BNA_M
ClientSampleId :
VNJ-207RE

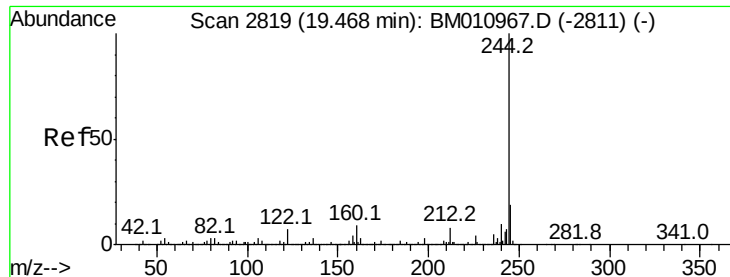
Tot Ion:188 Resp: 479517
Ion Ratio Lower Upper
188 100
94 6.3 8.7 13.1#
80 10.1 9.3 13.9



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.93 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM011290.D
Acq: 18 Aug 2017 09:00

Tgt Ion:240 Resp: 668870
Ion Ratio Lower Upper
240 100
120 3.0 8.2 12.2#
236 24.6 20.0 30.0





#78

Terphenyl-d14

Concen: 9.887 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011290.D

Acq: 18 Aug 2017 09:00

Instrument :

BNA_M

ClientSampleId :

VNJ-207RE

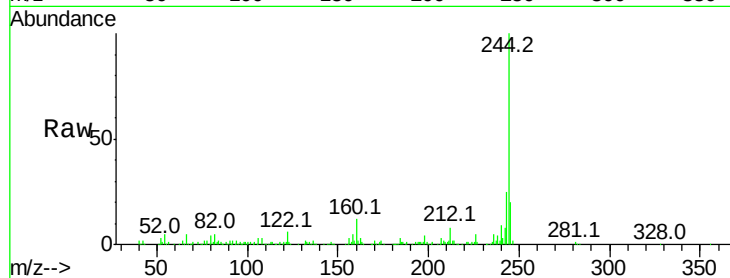
Tot Ion:244 Resp: 333840

Ion Ratio Lower Upper

244 100

212 8.4 4.9 7.3#

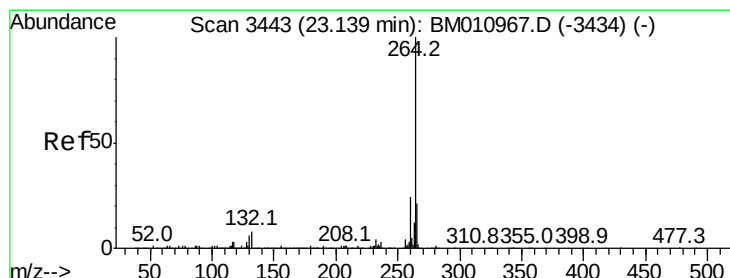
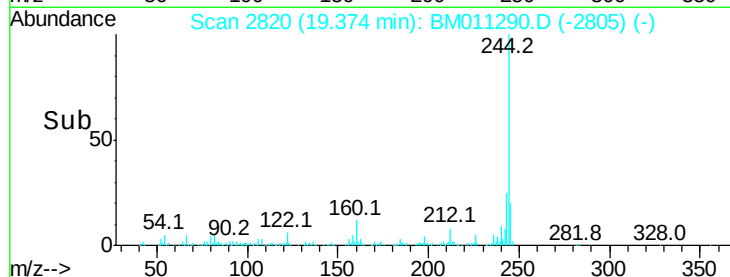
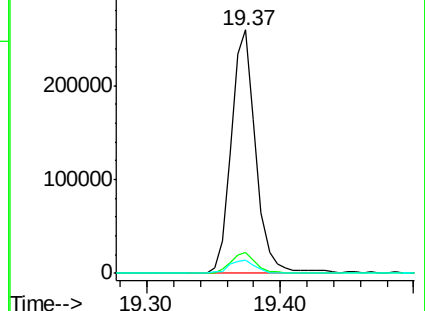
122 5.6 6.2 9.4#



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

Perylene-d12

Concen: 20.000 ng

RT: 23.00 min Scan# 3437

Delta R.T. -0.02 min

Lab File: BM011290.D

Acq: 18 Aug 2017 09:00

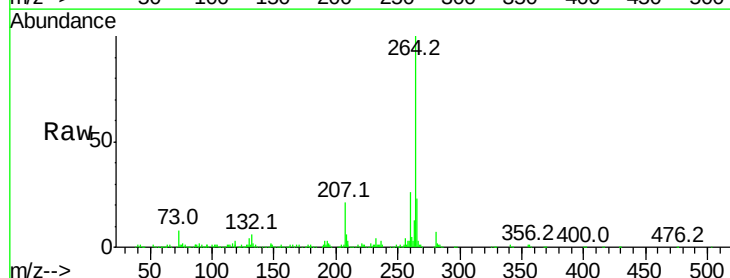
Tgt Ion:264 Resp: 663545

Ion Ratio Lower Upper

264 100

260 25.6 18.6 27.8

265 23.5 17.3 25.9



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

