

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081717\
 Data File : BM011282.D
 Acq On : 18 Aug 2017 00:34
 Operator : SJ/JU
 Sample : I4852-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 VNJ-207

Quant Time: Aug 18 02:26:25 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	79691	20.00	ng	-0.02
21) Naphthalene-d8	10.03	136	253744	20.00	ng	-0.02
38) Acenaphthene-d10	13.94	164	164961	20.00	ng	-0.01
63) Phenanthrene-d10	16.70	188	453197	20.00	ng	-0.01
75) Chrysene-d12	20.93	240	641123	20.00	ng	-0.02
86) Perylene-d12	23.00	264	630799	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.91	112	75588	16.03	ng	-0.02
7) Phenol-d6	6.47	99	93295	13.93	ng	-0.02
23) Nitrobenzene-d5	8.42	82	82561	12.21	ng	-0.02
41) 2,4,6-Tribromophenol	15.46	330	39925	15.10	ng	0.00
44) 2-Fluorobiphenyl	12.55	172	149523	11.37	ng	-0.01
78) Terphenyl-d14	19.37	244	317198	9.80	ng	-0.01

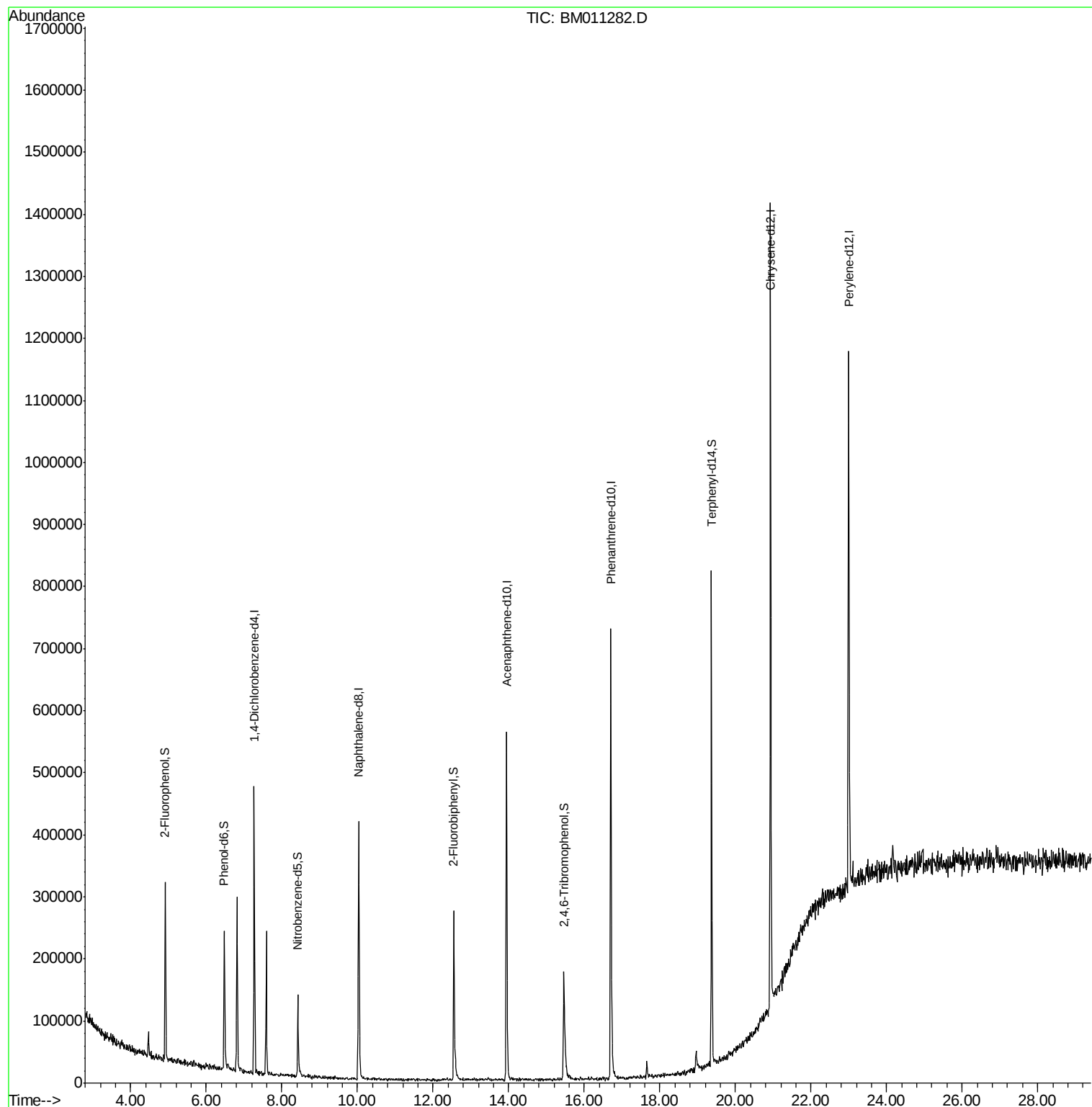
Target Compounds Qvalue

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

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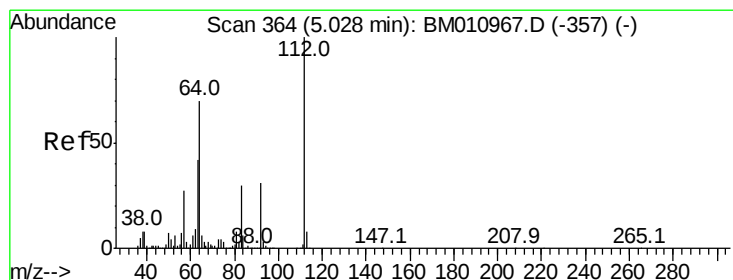
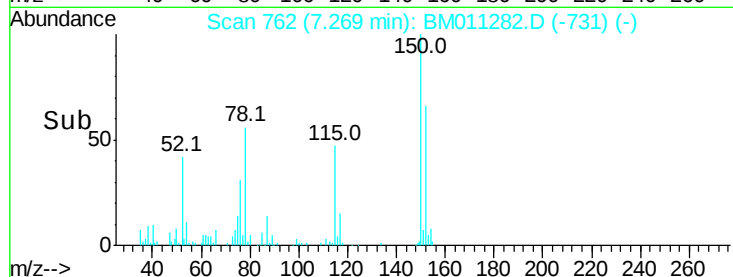
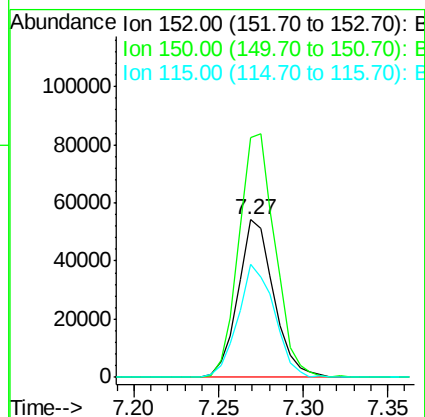
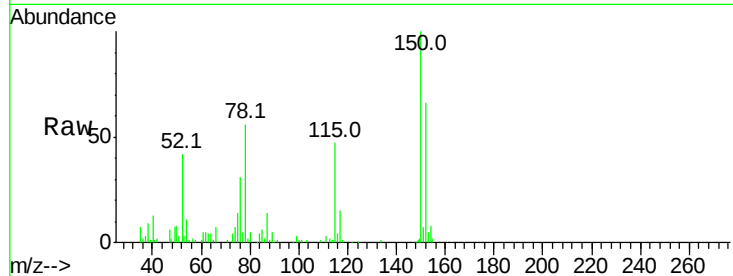


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.27 min Scan# 762
Delta R.T. -0.02 min
Lab File: BM011282.D
Acq: 18 Aug 2017 00:34

Instrument :
BNA_M
ClientSampleId :
VNJ-207

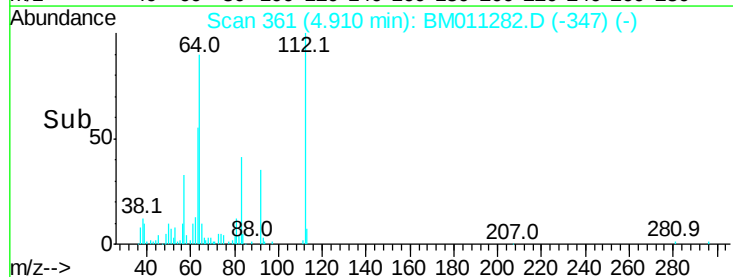
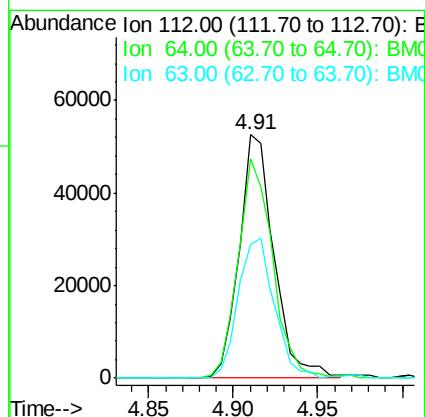
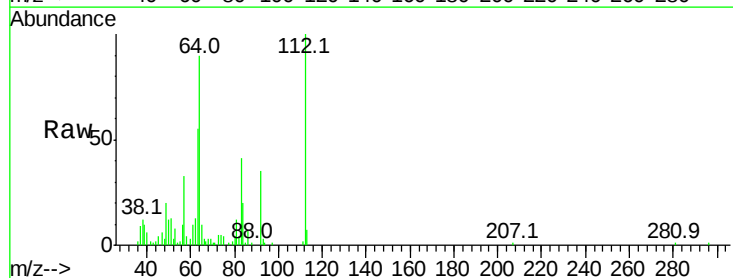
Tot Ion:152 Resp: 79691
Ion Ratio Lower Upper
152 100
150 152.5 119.5 179.3
115 71.6 43.0 64.4#

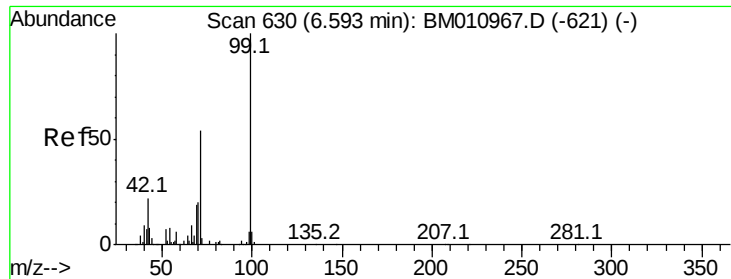


#5

2-Fluorophenol
Concen: 16.034 ng
RT: 4.91 min Scan# 361
Delta R.T. -0.02 min
Lab File: BM011282.D
Acq: 18 Aug 2017 00:34

Tgt Ion:112 Resp: 75588
Ion Ratio Lower Upper
112 100
64 90.2 38.6 57.8#
63 55.0 19.3 28.9#





#7

Phenol-d6

Concen: 13.929 ng

RT: 6.47 min Scan# 627

Delta R.T. -0.02 min

Lab File: BM011282.D

Acq: 18 Aug 2017 00:34

Instrument :

BNA_M

ClientSampleId :

VNJ-207

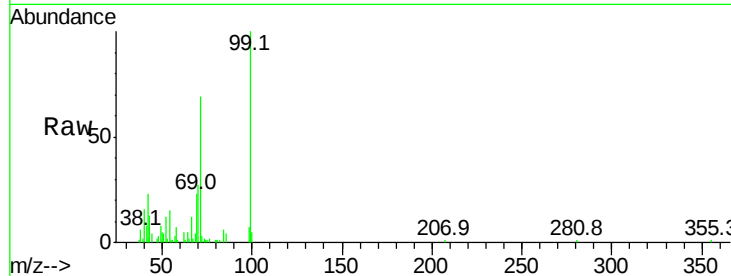
Tot Ion: 99 Resp: 93295

Ion Ratio Lower Upper

99 100

42 22.8 11.0 16.4#

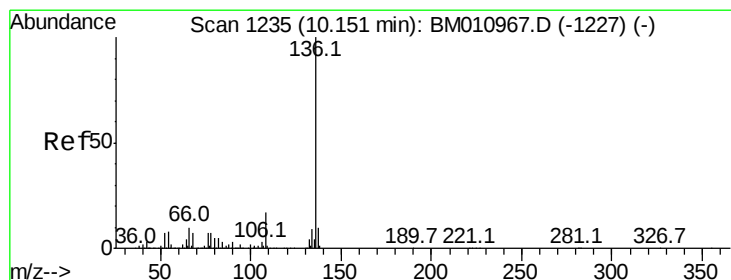
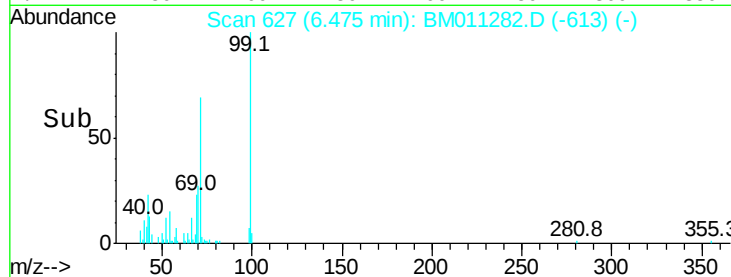
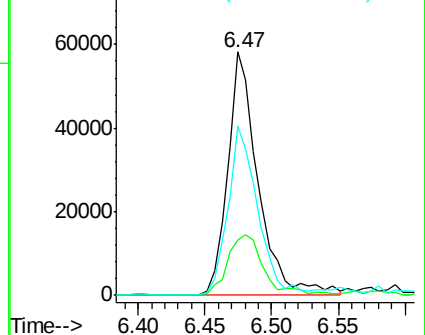
71 69.4 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM010967.D (-621) (-)

Ion 42.00 (41.70 to 42.70): BM010967.D (-621) (-)

Ion 71.00 (70.70 to 71.70): BM010967.D (-621) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.03 min Scan# 1231

Delta R.T. -0.02 min

Lab File: BM011282.D

Acq: 18 Aug 2017 00:34

Tgt Ion: 136 Resp: 253744

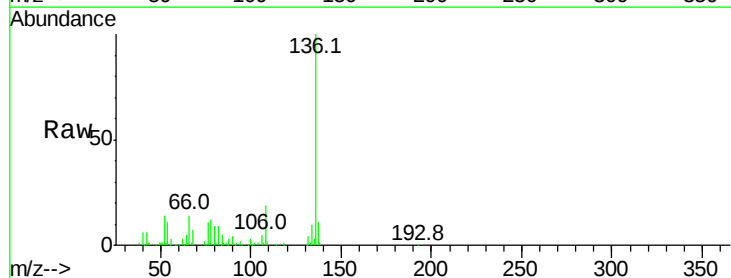
Ion Ratio Lower Upper

136 100

137 10.6 8.7 13.1

54 11.4 4.6 6.8#

68 6.7 3.7 5.5#

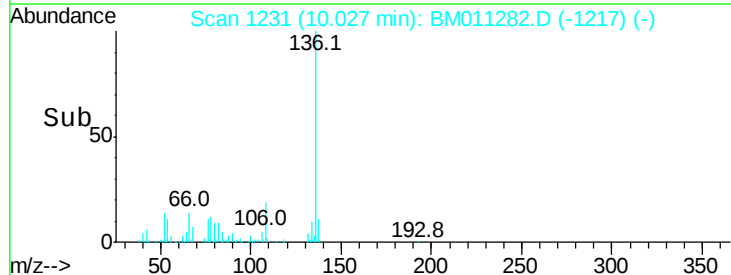
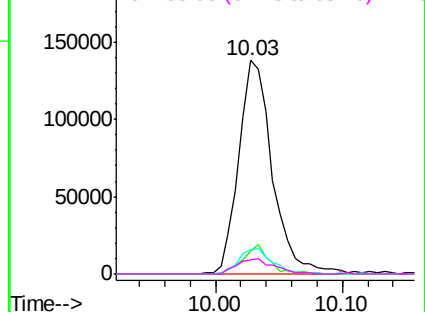


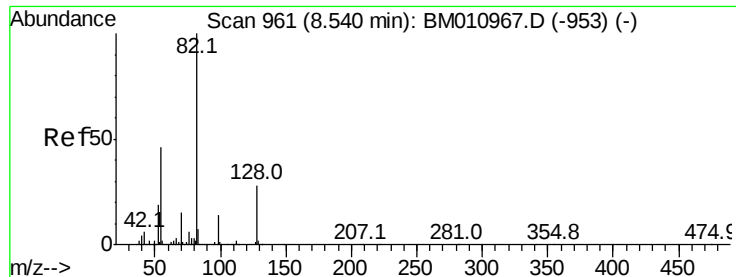
Abundance Ion 136.00 (135.70 to 136.70): BM010967.D (-1227) (-)

Ion 137.00 (136.70 to 137.70): BM010967.D (-1227) (-)

Ion 54.00 (53.70 to 54.70): BM010967.D (-1227) (-)

Ion 68.00 (67.70 to 68.70): BM010967.D (-1227) (-)

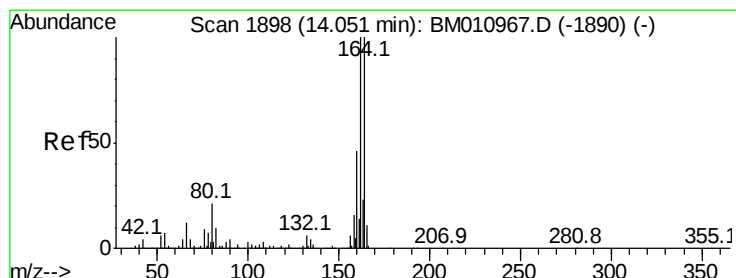
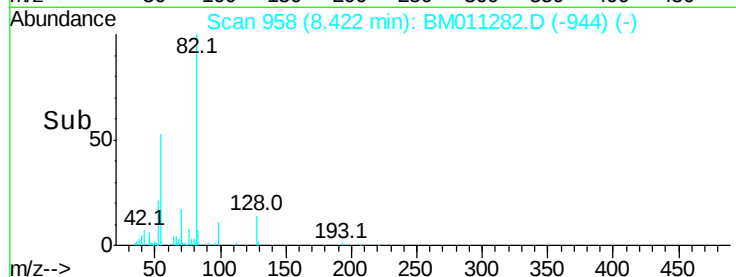
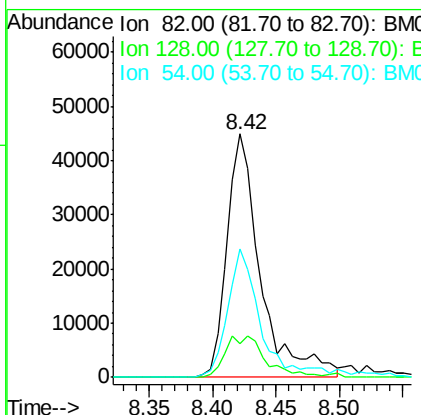
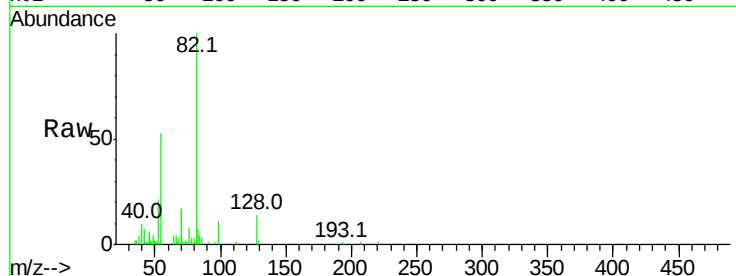




#23
 Nitrobenzene-d5
 Concen: 12.212 ng
 RT: 8.42 min Scan# 958
 Delta R.T. -0.02 min
 Lab File: BM011282.D
 Acq: 18 Aug 2017 00:34

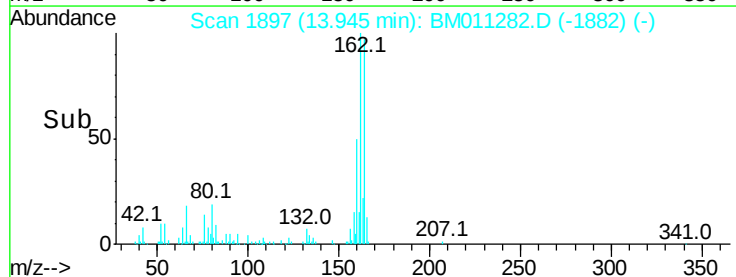
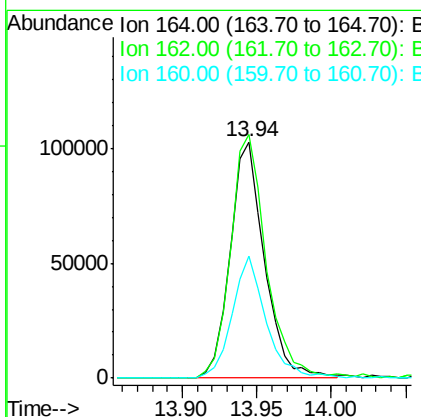
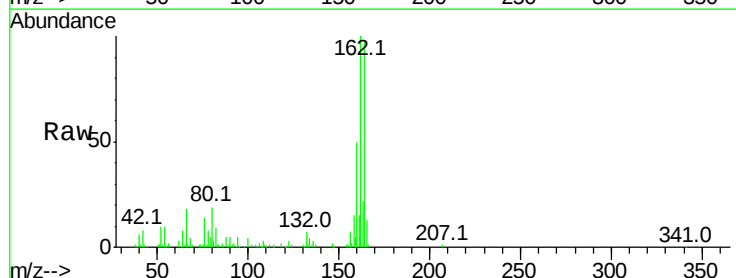
Instrument :
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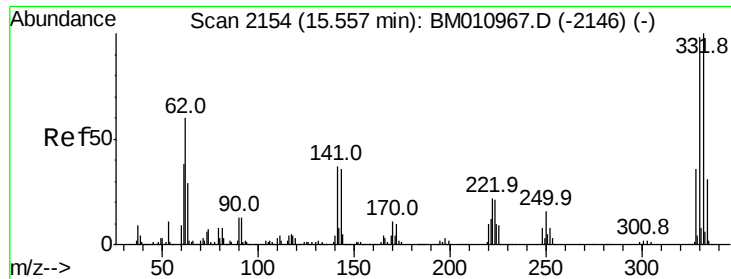
Tot Ion	82	Resp	82561
Ion Ratio	Lower	Upper	
82	100		
128	14.1	32.8	49.2#
54	52.6	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.94 min Scan# 1897
 Delta R.T. -0.01 min
 Lab File: BM011282.D
 Acq: 18 Aug 2017 00:34

Tgt Ion	164	Resp	164961
Ion Ratio	Lower	Upper	
164	100		
162	103.2	82.4	123.6
160	51.8	35.8	53.6

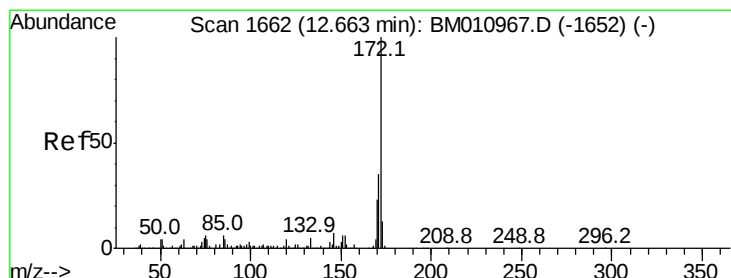
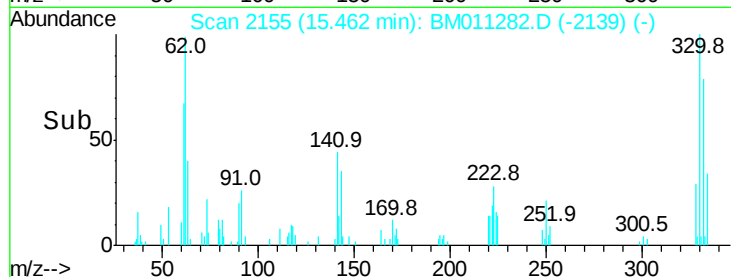
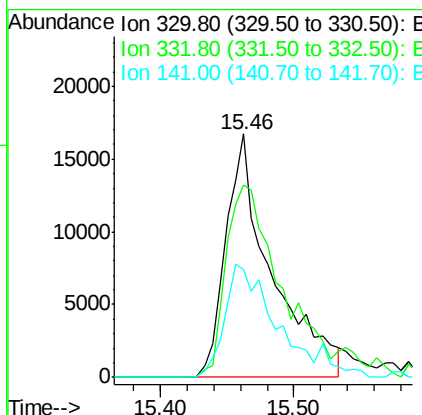
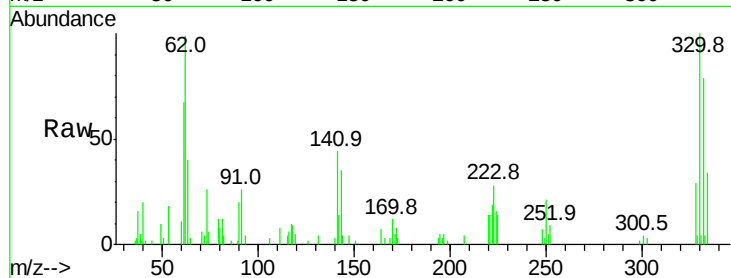




#41
 2,4,6-Tribromophenol
 Concen: 15.100 ng
 RT: 15.46 min Scan# 2155
 Delta R.T. -0.01 min
 Lab File: BM011282.D
 Acq: 18 Aug 2017 00:34

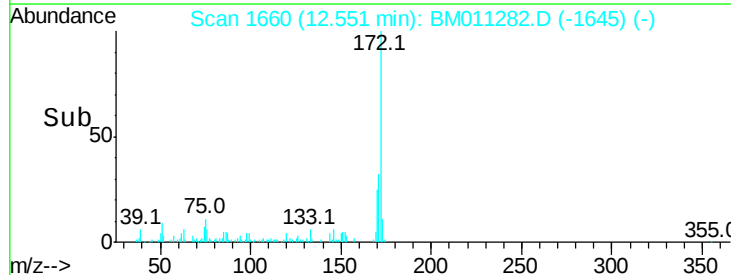
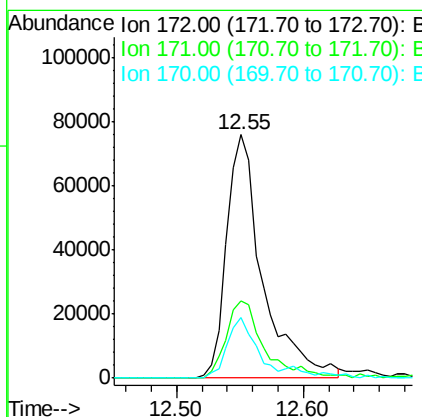
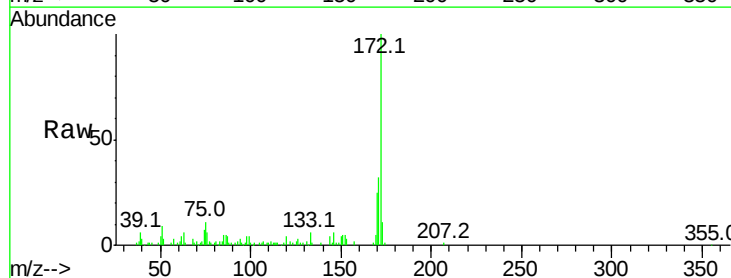
Instrument :
 BNA_M
 ClientSampleId :
 VNJ-207

Tot Ion	Ratio	Lower	Upper
330	100		
332	93.6	0.0	0.0#
141	49.3	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 11.368 ng
 RT: 12.55 min Scan# 1660
 Delta R.T. -0.01 min
 Lab File: BM011282.D
 Acq: 18 Aug 2017 00:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	31.9	28.5	42.7
170	24.8	18.8	28.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 16.70 min Scan# 2366

Delta R.T. -0.01 min

Lab File: BM011282.D

Acq: 18 Aug 2017 00:34

Instrument :

BNA_M

ClientSampleId :

VNJ-207

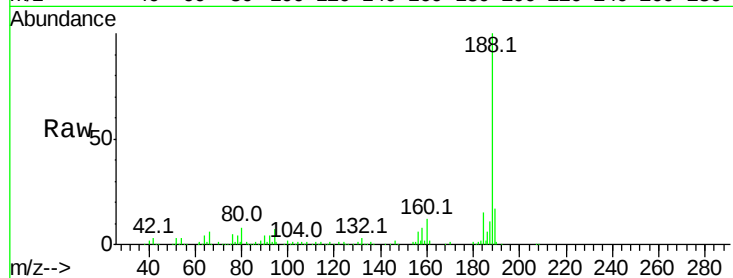
Tot Ion:188 Resp: 453197

Ion Ratio Lower Upper

188 100

94 7.2 8.7 13.1#

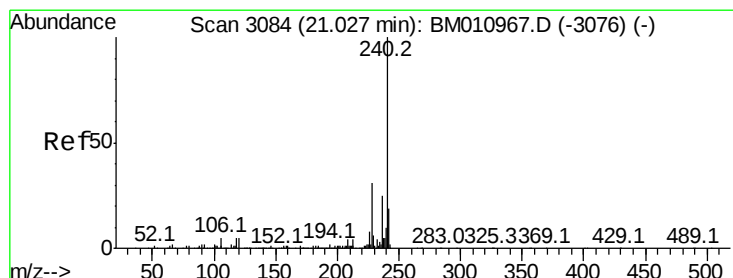
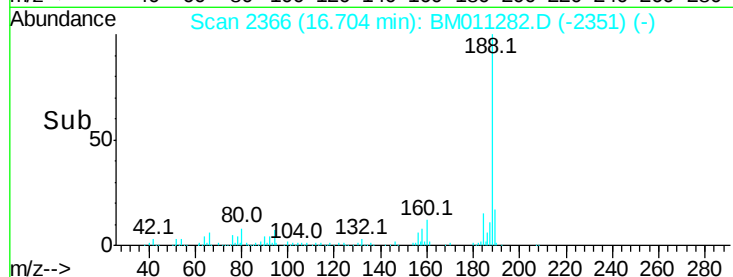
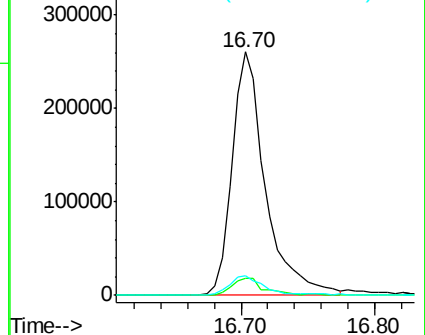
80 7.9 9.3 13.9#



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 20.93 min Scan# 3084

Delta R.T. -0.02 min

Lab File: BM011282.D

Acq: 18 Aug 2017 00:34

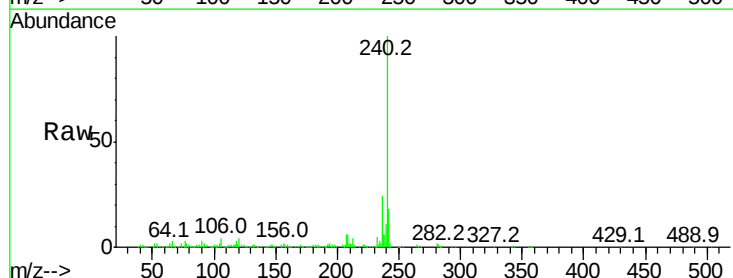
Tgt Ion:240 Resp: 641123

Ion Ratio Lower Upper

240 100

120 4.3 8.2 12.2#

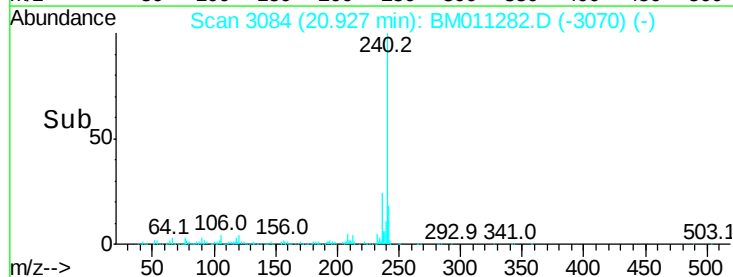
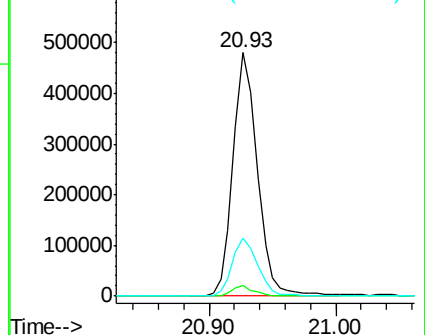
236 24.0 20.0 30.0

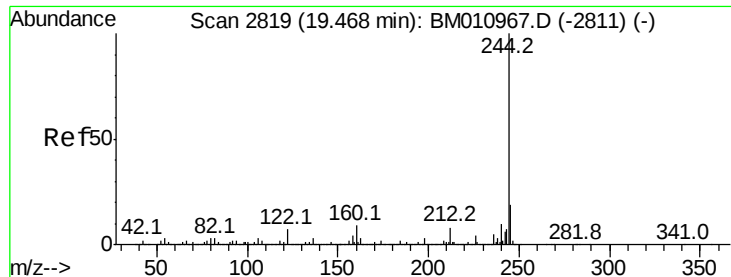


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 9.800 ng

RT: 19.37 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BM011282.D

Acq: 18 Aug 2017 00:34

Instrument :

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VNJ-207

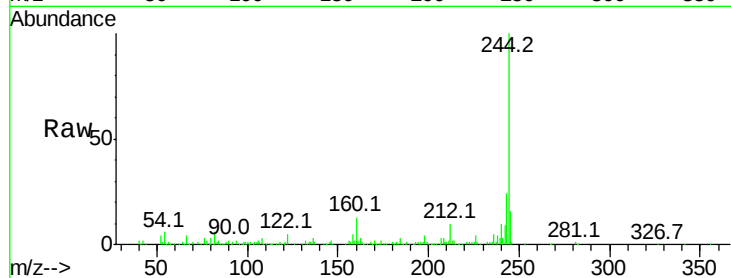
Tot Ion:244 Resp: 317198

Ion Ratio Lower Upper

244 100

212 10.4 4.9 7.3#

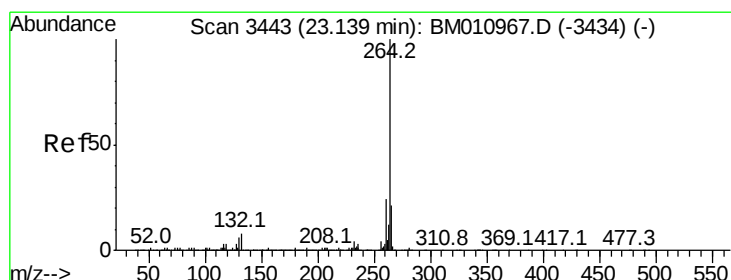
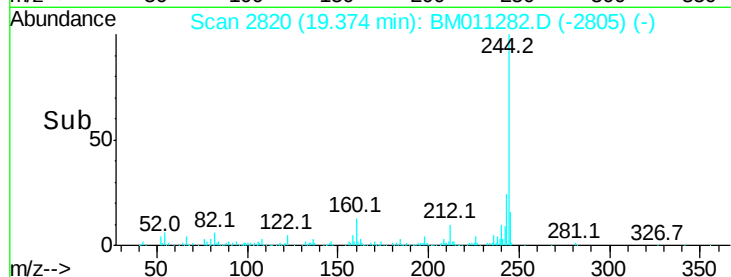
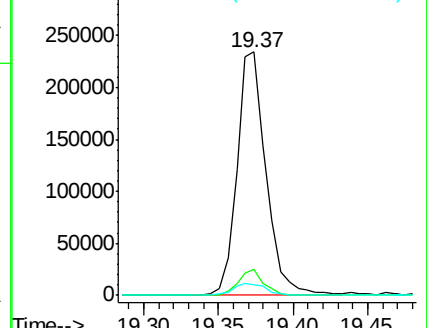
122 4.6 6.2 9.4#



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# 3436

Delta R.T. -0.02 min

Lab File: BM011282.D

Acq: 18 Aug 2017 00:34

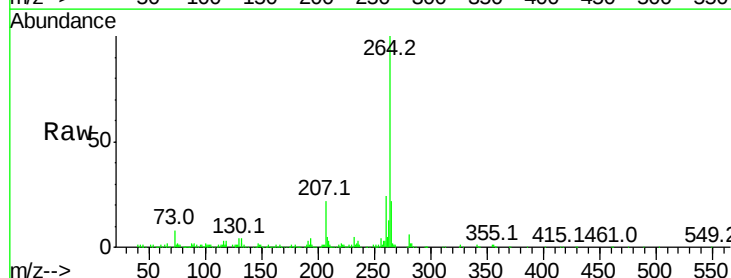
Tgt Ion:264 Resp: 630799

Ion Ratio Lower Upper

264 100

260 23.9 18.6 27.8

265 21.8 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

