

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080517\
 Data File : BM011146.D
 Acq On : 05 Aug 2017 17:31
 Operator : SJ/JU
 Sample : I4562-09RE
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-CRE

Quant Time: Aug 06 01:50:03 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 26 17:29:06 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	106740	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	377153	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	293555	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	858147	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1242890	20.00	ng	-0.06
86) Perylene-d12	23.05	264	560630	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	795647	126.01	ng	-0.07
7) Phenol-d6	6.52	99	1016684	113.32	ng	-0.08
23) Nitrobenzene-d5	8.46	82	926161	92.17	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	712528	151.44	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	1838838	78.56	ng	-0.08
78) Terphenyl-d14	19.41	244	4964415	79.12	ng	-0.06

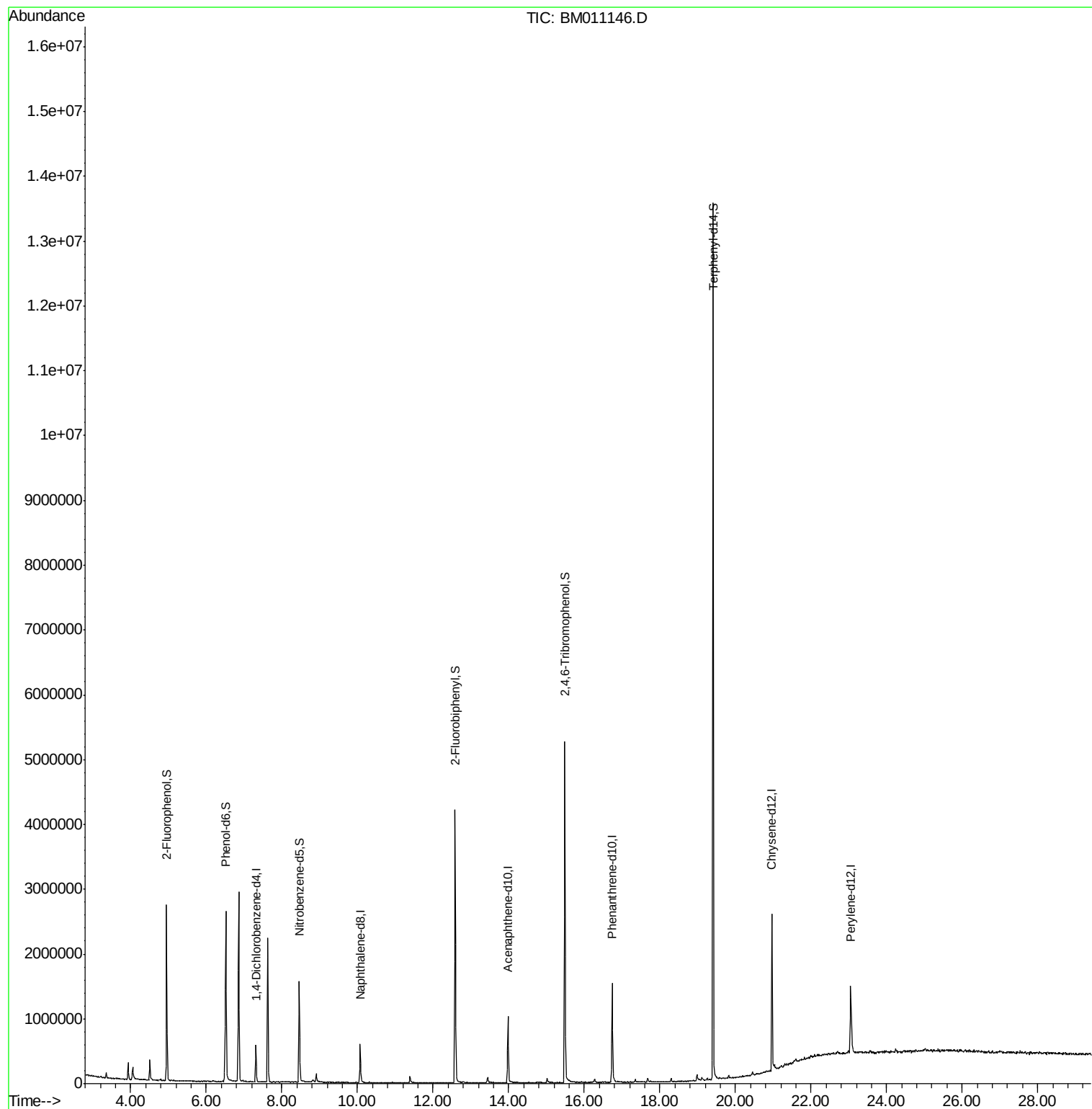
Target Compounds Qvalue

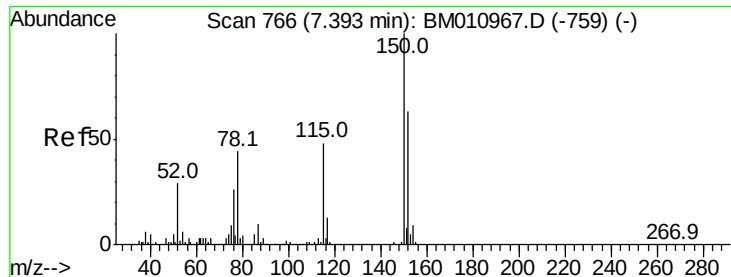
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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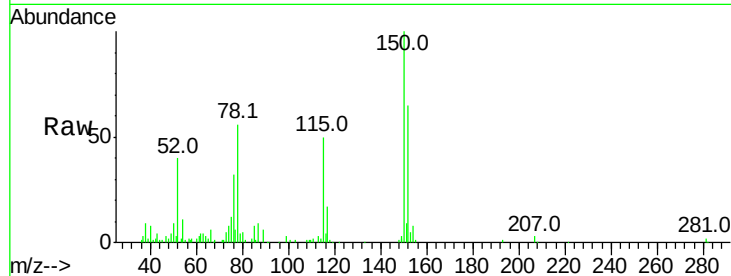


#1

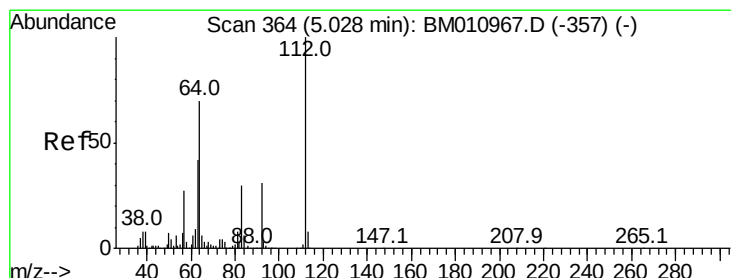
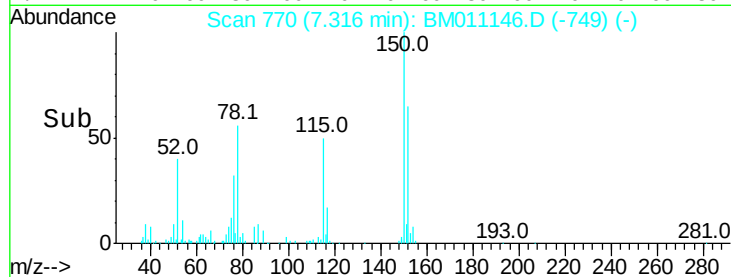
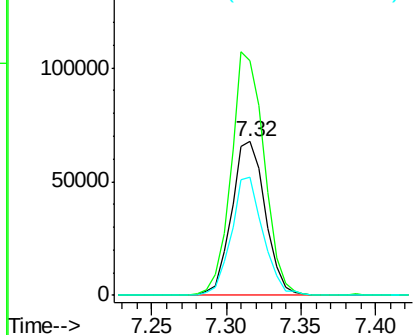
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011146.D
Acq: 05 Aug 2017 17:31

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-CRE

Tot Ion:152 Resp: 106740
Ion Ratio Lower Upper
152 100
150 152.8 119.5 179.3
115 77.1 43.0 64.4#



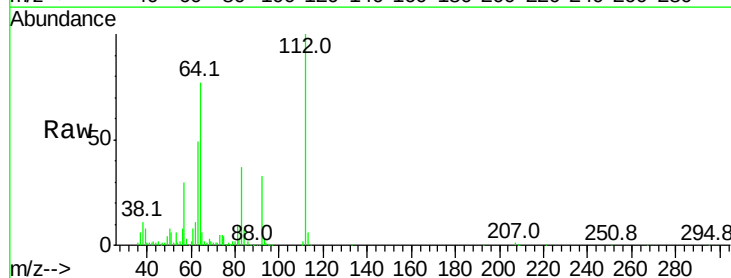
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



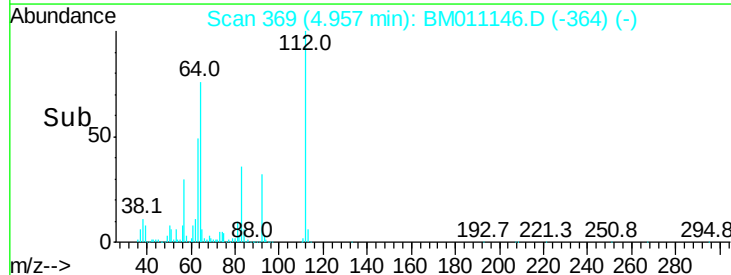
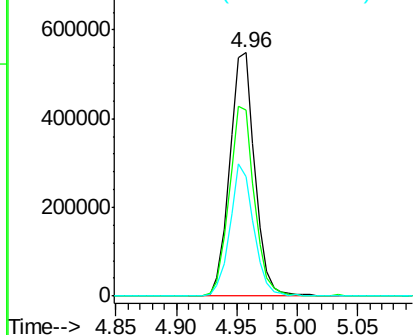
#5

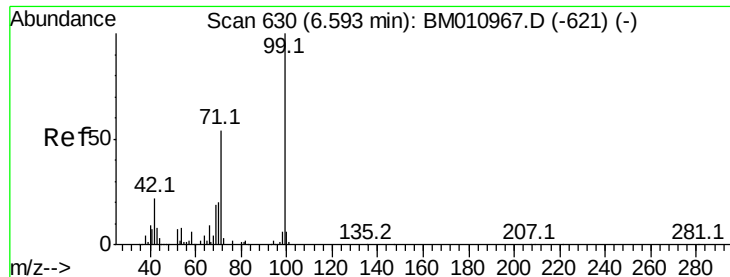
2-Fluorophenol
Concen: 126.006 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011146.D
Acq: 05 Aug 2017 17:31

Tgt Ion:112 Resp: 795647
Ion Ratio Lower Upper
112 100
64 76.5 38.6 57.8#
63 48.9 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: 113.324 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011146.D

Acq: 05 Aug 2017 17:31

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-CRE

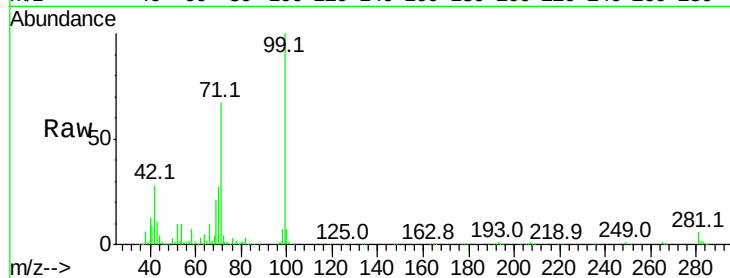
Tot Ion: 99 Resp: 1016684

Ion Ratio Lower Upper

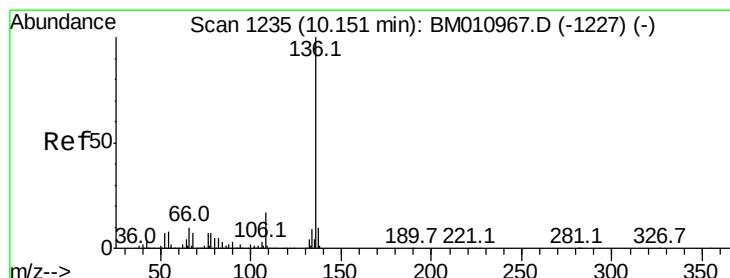
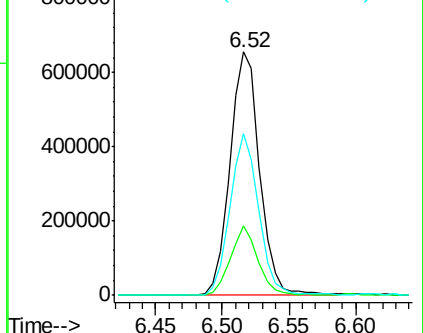
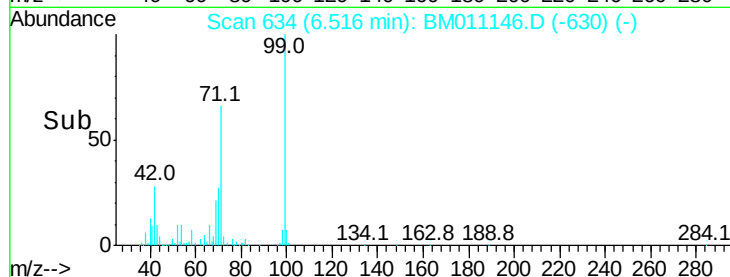
99 100

42 28.4 11.0 16.4#

71 66.6 23.4 35.2#



Abundance Ion 99.00 (98.70 to 99.70): BM011146.D (-630) (-)



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011146.D

Acq: 05 Aug 2017 17:31

Tgt Ion: 136 Resp: 377153

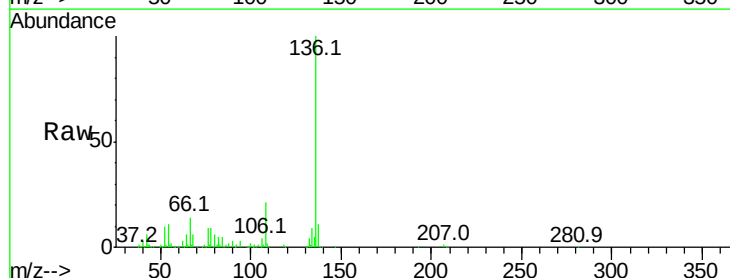
Ion Ratio Lower Upper

136 100

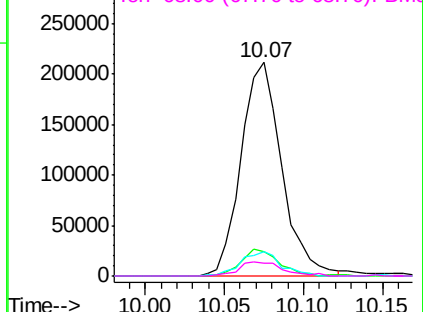
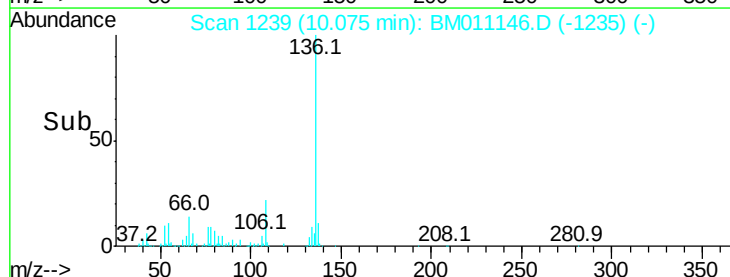
137 11.2 8.7 13.1

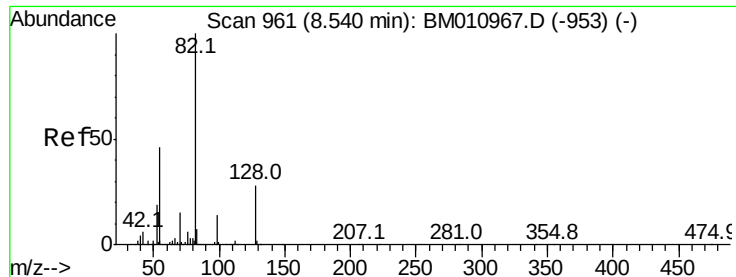
54 11.4 4.6 6.8#

68 6.2 3.7 5.5#



Abundance Ion 136.00 (135.70 to 136.70): BM011146.D (-1235) (-)

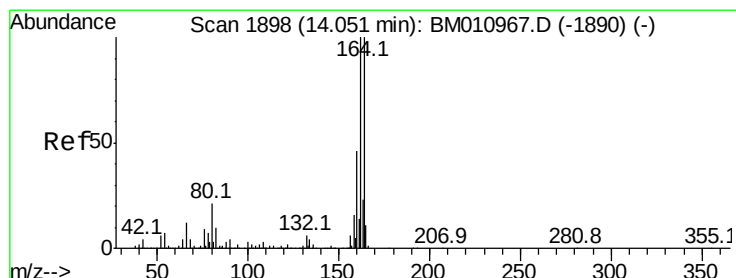
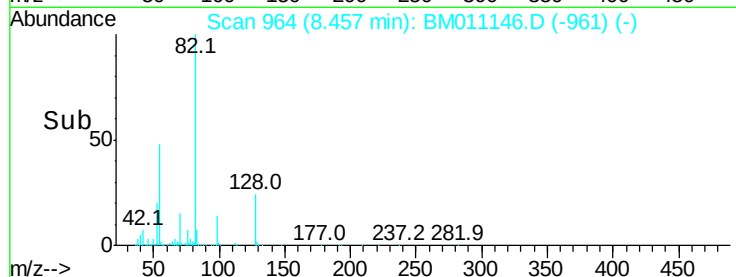
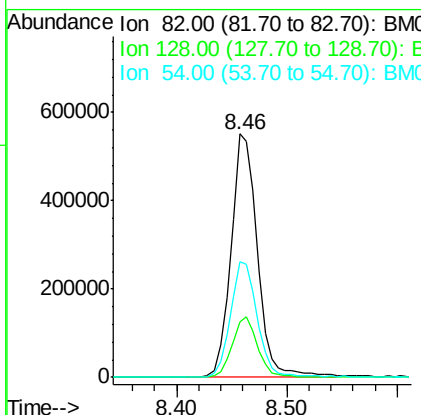
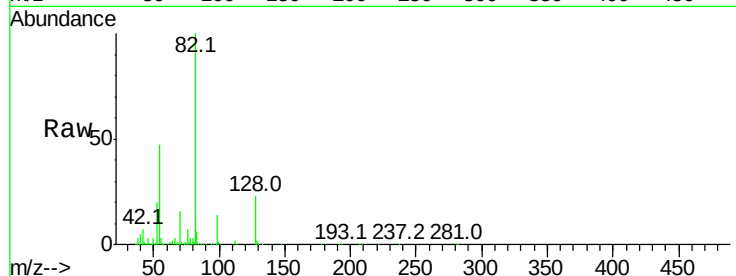




#23
 Nitrobenzene-d5
 Concen: 92.165 ng
 RT: 8.46 min Scan# 964
 Delta R.T. -0.08 min
 Lab File: BM011146.D
 Acq: 05 Aug 2017 17:31

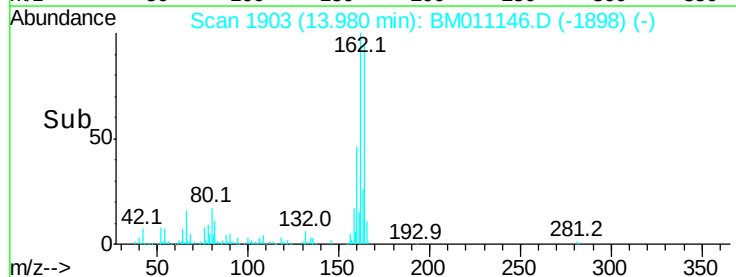
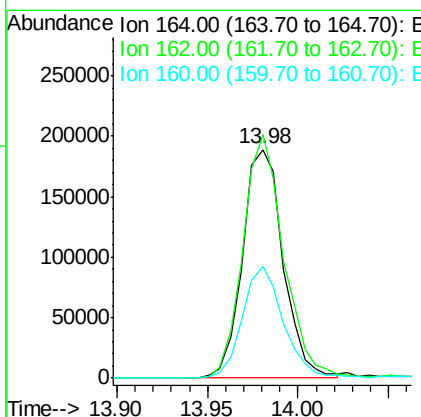
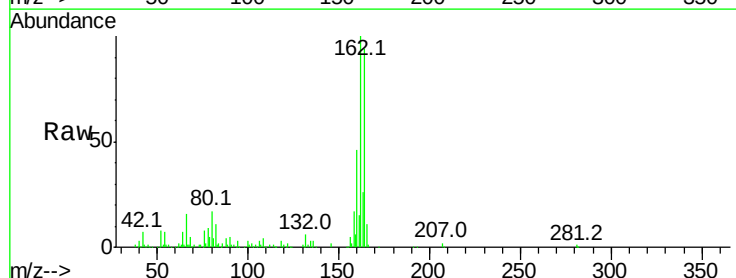
Instrument :
 BNA_M
 ClientSampleId :
 JC-02-080117-CRE

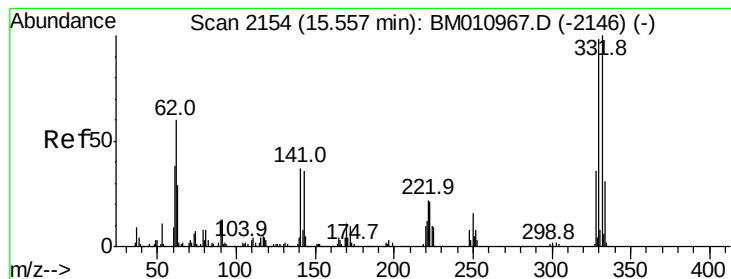
Tot Ion	Ratio	Lower	Upper
82	100		
128	23.0	32.8	49.2#
54	47.5	40.6	60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011146.D
 Acq: 05 Aug 2017 17:31

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.6	82.4	123.6
160	49.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 151.438 ng

RT: 15.49 min Scan# 2159

Delta R.T. -0.07 min

Lab File: BM011146.D

Acq: 05 Aug 2017 17:31

Instrument :

BNA_M

ClientSampleId :

JC-02-080117-CRE

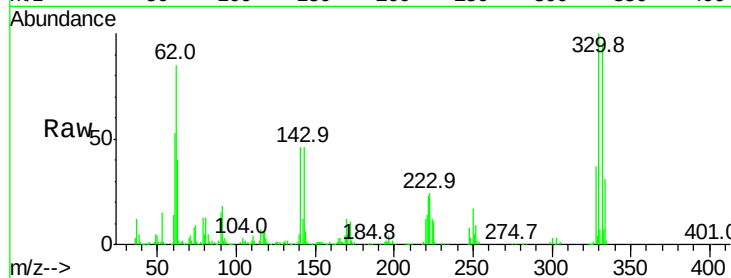
Tot Ion:330 Resp: 712528

Ion Ratio Lower Upper

330 100

332 95.6 0.0 0.0#

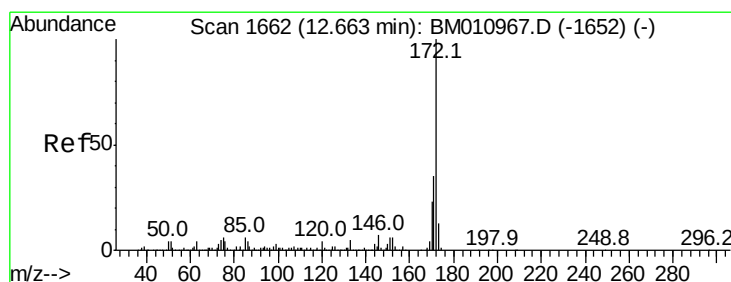
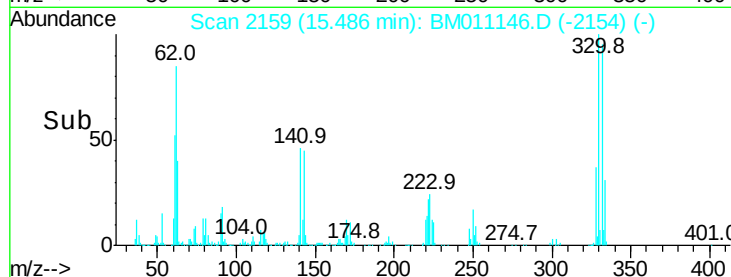
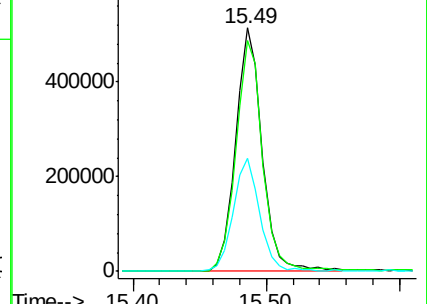
141 46.5 0.0 0.0#



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: 78.559 ng

RT: 12.59 min Scan# 1666

Delta R.T. -0.08 min

Lab File: BM011146.D

Acq: 05 Aug 2017 17:31

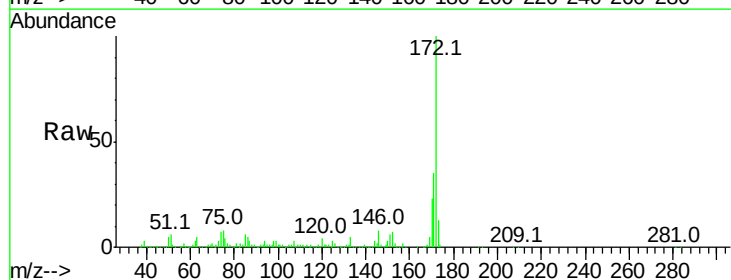
Tgt Ion:172 Resp: 1838838

Ion Ratio Lower Upper

172 100

171 35.2 28.5 42.7

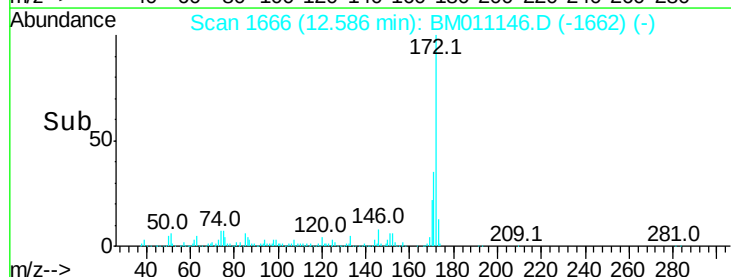
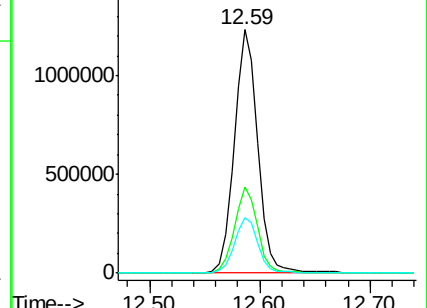
170 22.5 18.8 28.2

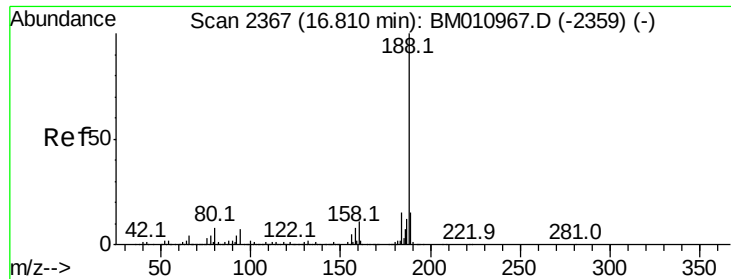


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

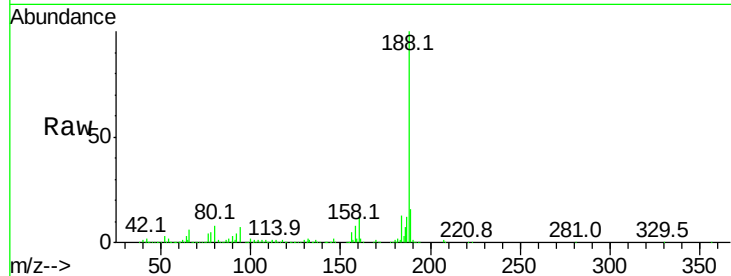




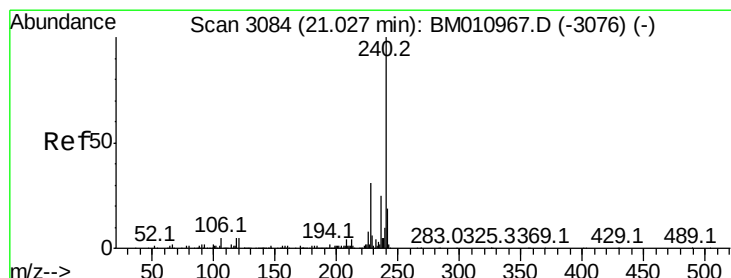
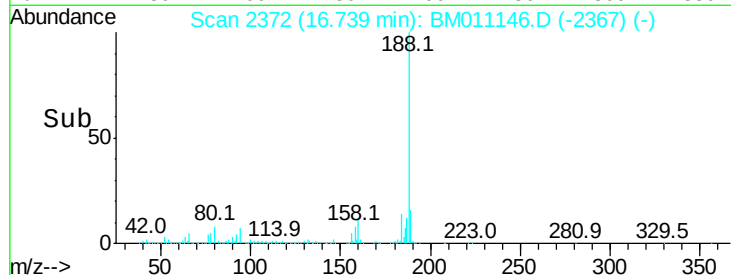
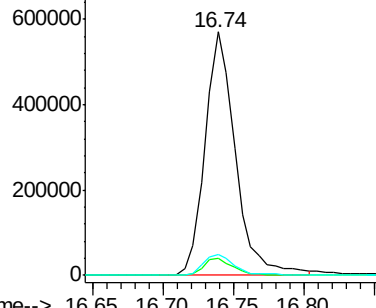
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011146.D
Acq: 05 Aug 2017 17:31

Instrument :
BNA_M
ClientSampleId :
JC-02-080117-CRE

Tot Ion:188 Resp: 858147
Ion Ratio Lower Upper
188 100
94 7.0 8.7 13.1#
80 8.4 9.3 13.9#

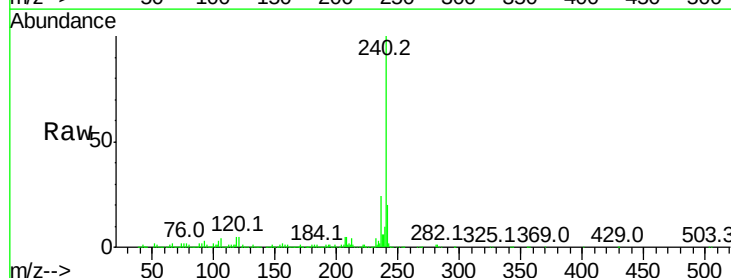


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BM0
Ion 80.00 (79.70 to 80.70): BM0

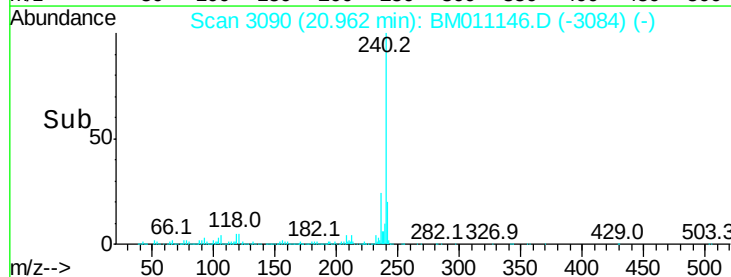
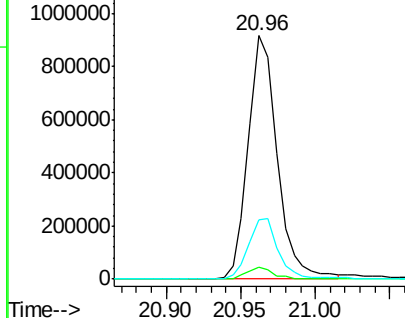


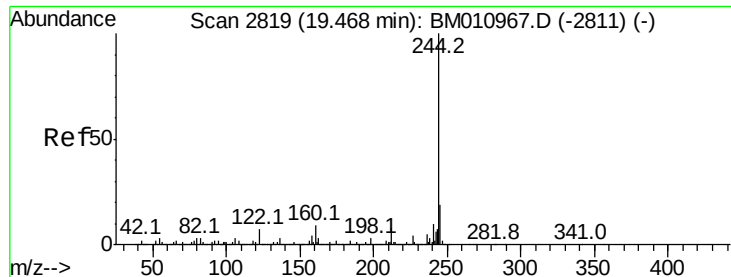
#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011146.D
Acq: 05 Aug 2017 17:31

Tgt Ion:240 Resp: 1242890
Ion Ratio Lower Upper
240 100
120 4.7 8.2 12.2#
236 24.2 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



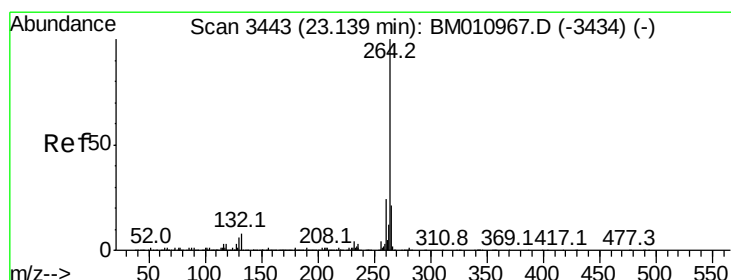
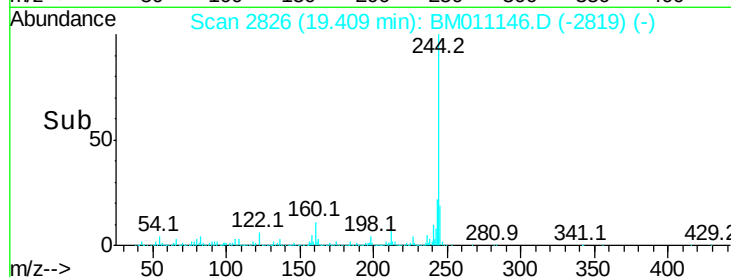
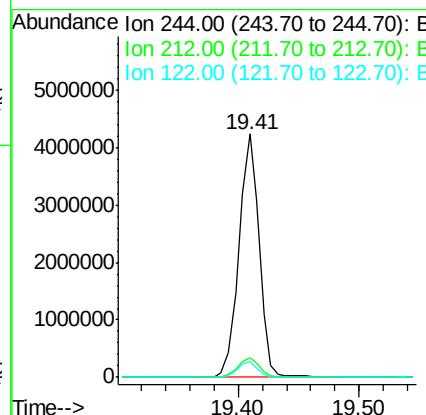
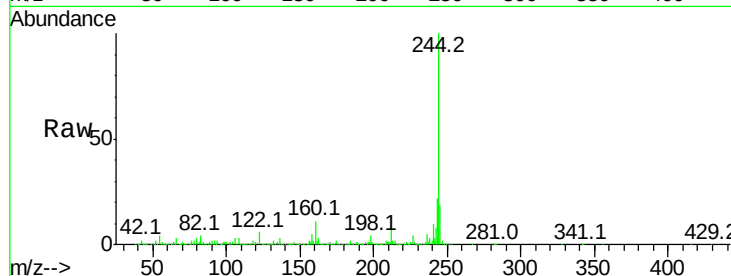


#78
 Terphenyl-d14
 Concen: 79.121 ng
 RT: 19.41 min Scan# 2826
 Delta R.T. -0.06 min
 Lab File: BM011146.D
 Acq: 05 Aug 2017 17:31

Instrument :
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Tot Ion:244 Resp: 4964415

Ion	Ratio	Lower	Upper
244	100		
212	8.3	4.9	7.3#
122	6.2	6.2	9.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011146.D
 Acq: 05 Aug 2017 17:31

Tgt Ion:264 Resp: 560630

Ion	Ratio	Lower	Upper
264	100		
260	28.2	18.6	27.8#
265	22.3	17.3	25.9

