

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM080517\
 Data File : BM011149.D
 Acq On : 05 Aug 2017 19:20
 Operator : SJ/JU
 Sample : I4555-08RE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 2013

Quant Time: Aug 06 01:19:59 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	136222	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	491063	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	371668	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1002632	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1382663	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1094253	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	922436	114.47	ng	-0.07
7) Phenol-d6	6.52	99	1168408	102.05	ng	-0.08
23) Nitrobenzene-d5	8.46	82	1081792	82.68	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	736341	123.61	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	2107876	71.13	ng	-0.08
78) Terphenyl-d14	19.41	244	4686172	67.14	ng	-0.06

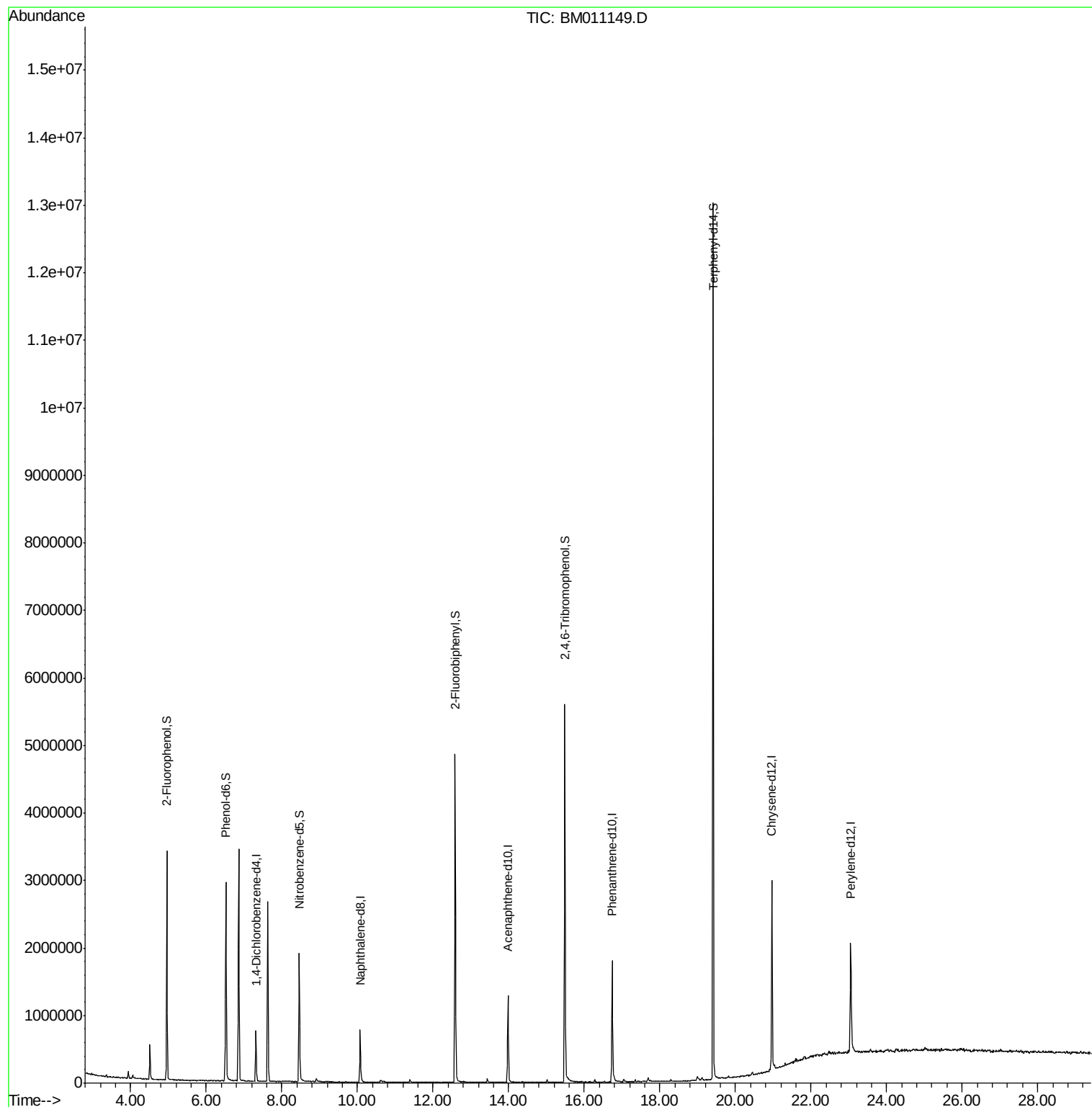
Target Compounds	Qvalue
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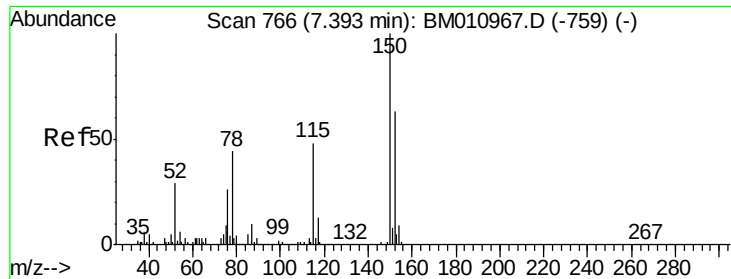
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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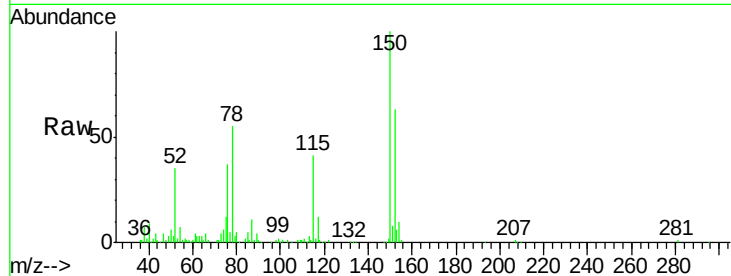


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.32 min Scan# 770
Delta R.T. -0.08 min
Lab File: BM011149.D
Acq: 05 Aug 2017 19:20

Instrument :
BNA_M
ClientSampleId :
2013

Tgt Ion	Resp	Lower	Upper
152	136222		
150	158.1	119.5	179.3
115	65.0	43.0	64.4#

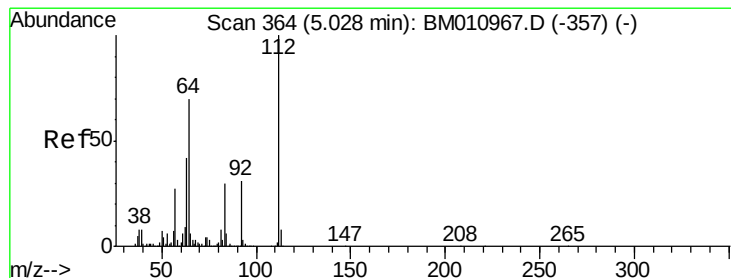
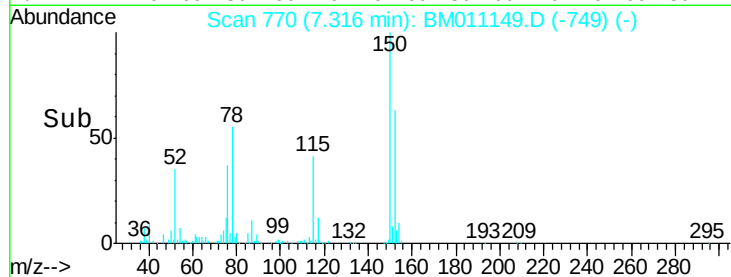
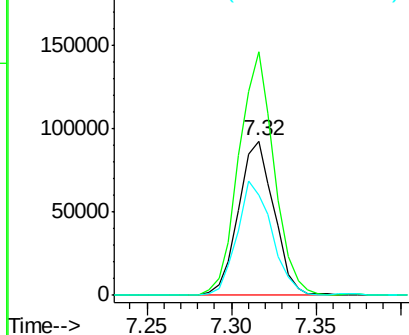


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

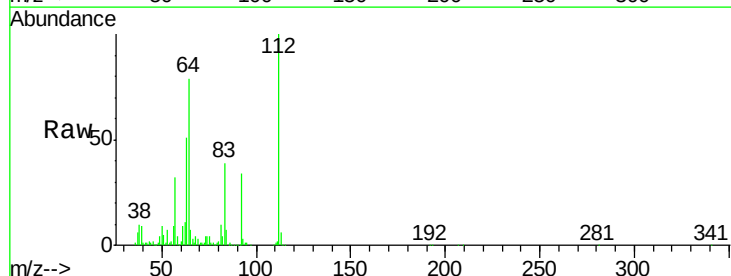
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 114.469 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011149.D
Acq: 05 Aug 2017 19:20

Tgt Ion	Resp	Lower	Upper
112	922436		
64	78.6	38.6	57.8#
63	51.4	19.3	28.9#

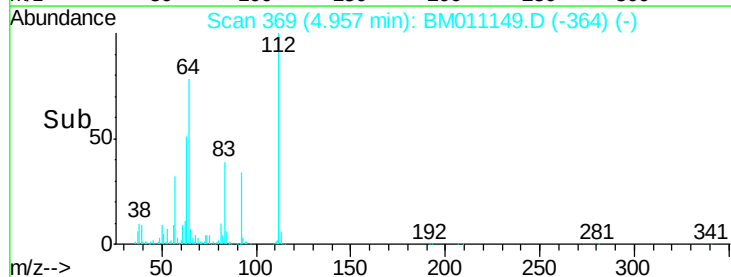
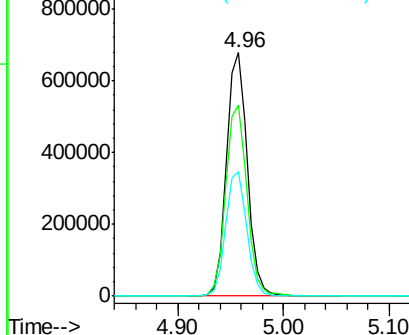


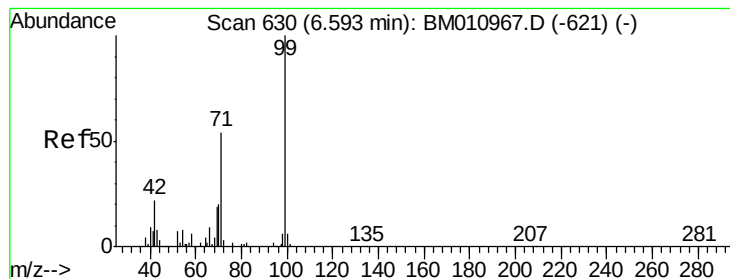
Abundance

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: 102.049 ng

RT: 6.52 min Scan# 634

Delta R.T. -0.08 min

Lab File: BM011149.D

Acq: 05 Aug 2017 19:20

Instrument :

BNA_M

ClientSampled :
2013

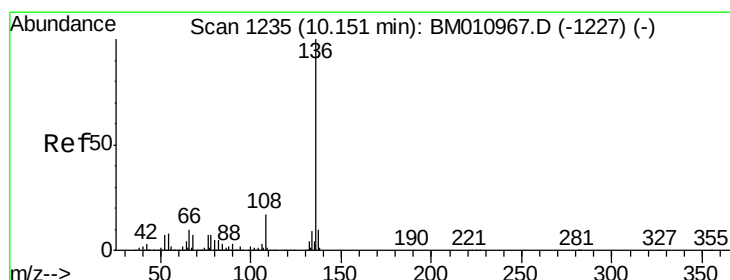
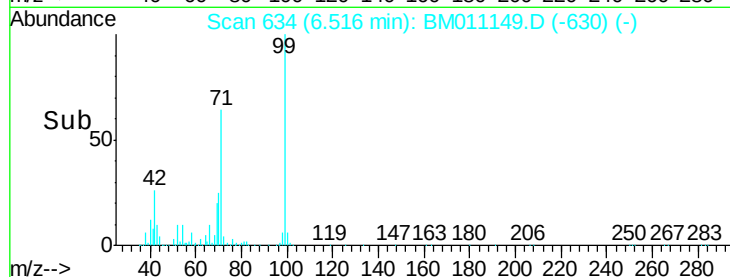
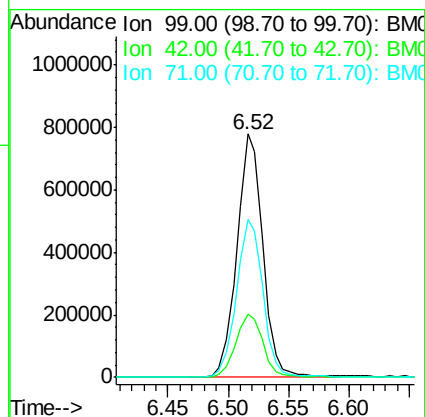
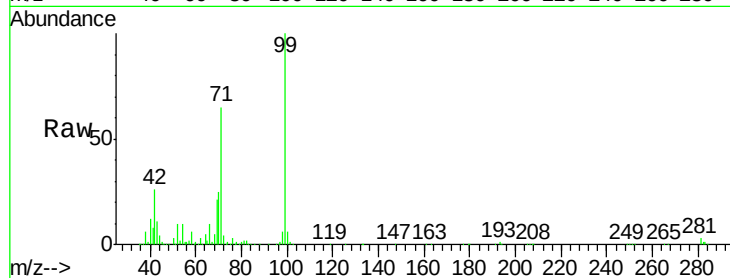
Tgt Ion: 99 Resp: 1168408

Ion Ratio Lower Upper

99 100

42 25.9 11.0 16.4#

71 64.9 23.4 35.2#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1239

Delta R.T. -0.08 min

Lab File: BM011149.D

Acq: 05 Aug 2017 19:20

Tgt Ion: 136 Resp: 491063

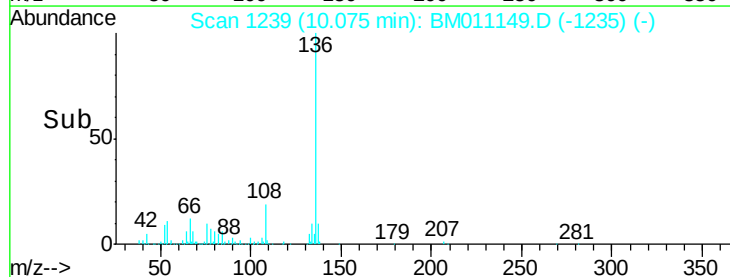
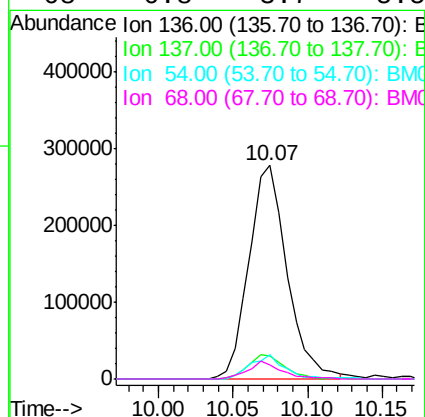
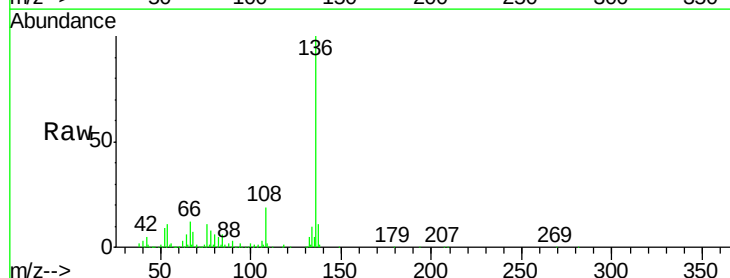
Ion Ratio Lower Upper

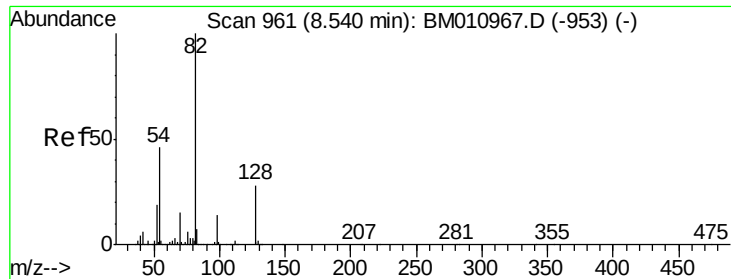
136 100

137 10.7 8.7 13.1

54 11.4 4.6 6.8#

68 6.8 3.7 5.5#

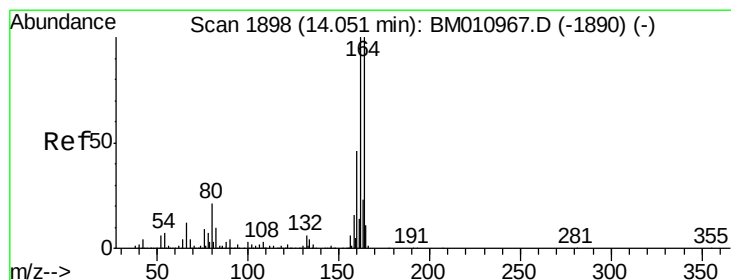
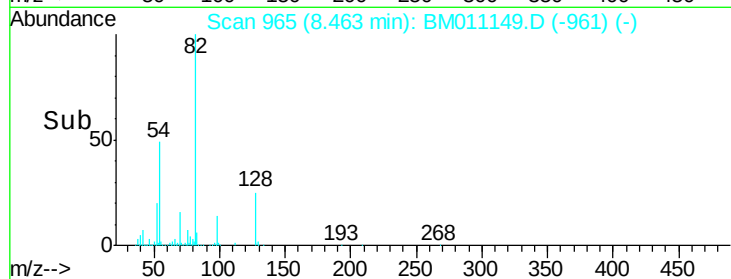
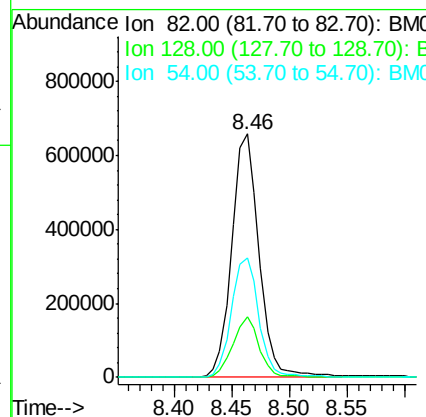
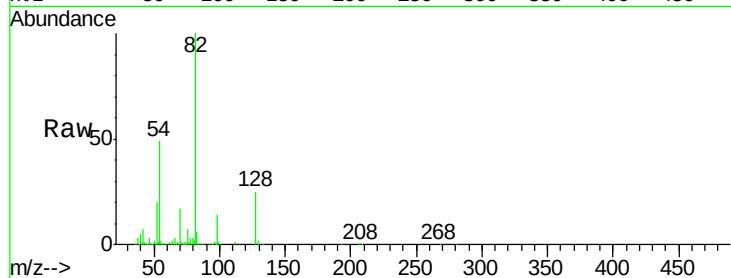




#23
 Nitrobenzene-d5
 Concen: 82.681 ng
 RT: 8.46 min Scan# 965
 Delta R.T. -0.08 min
 Lab File: BM011149.D
 Acq: 05 Aug 2017 19:20

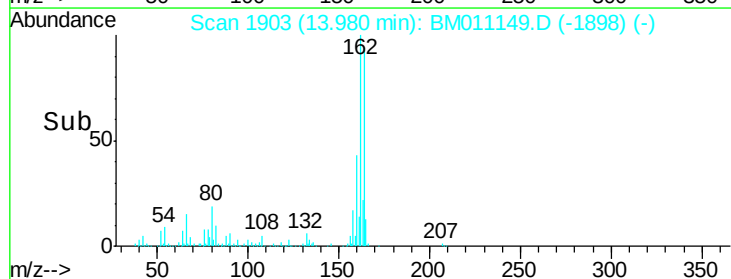
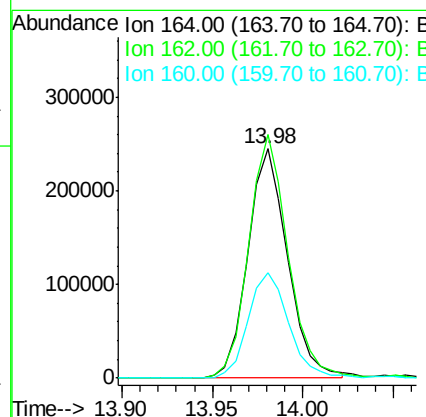
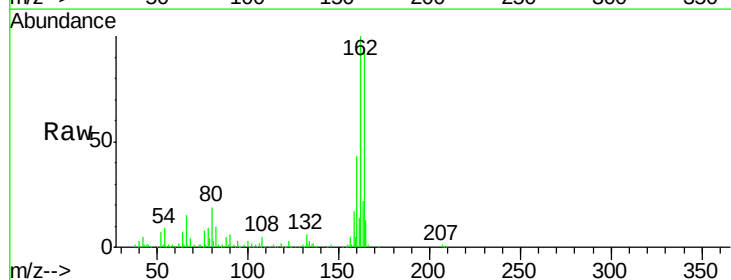
Instrument :
 BNA_M
 ClientSampled :
 2013

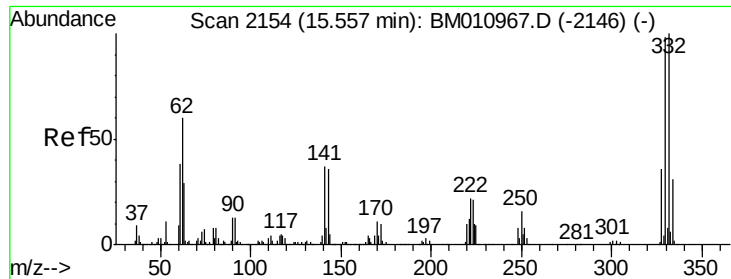
Tgt Ion: 82 Resp: 1081792
 Ion Ratio Lower Upper
 82 100
 128 24.7 32.8 49.2#
 54 49.3 40.6 60.8



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.98 min Scan# 1903
 Delta R.T. -0.07 min
 Lab File: BM011149.D
 Acq: 05 Aug 2017 19:20

Tgt Ion: 164 Resp: 371668
 Ion Ratio Lower Upper
 164 100
 162 106.3 82.4 123.6
 160 45.8 35.8 53.6

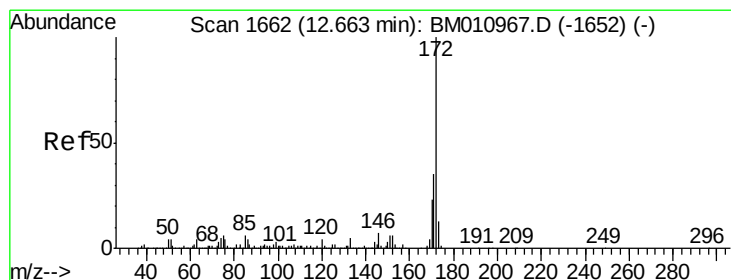
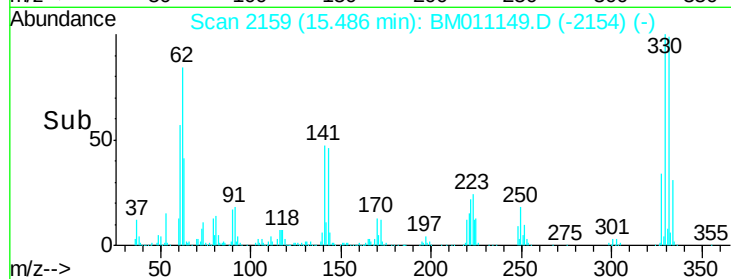
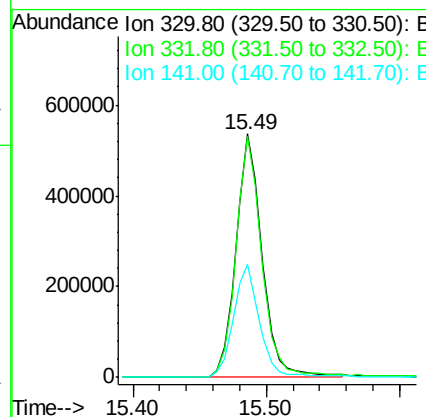
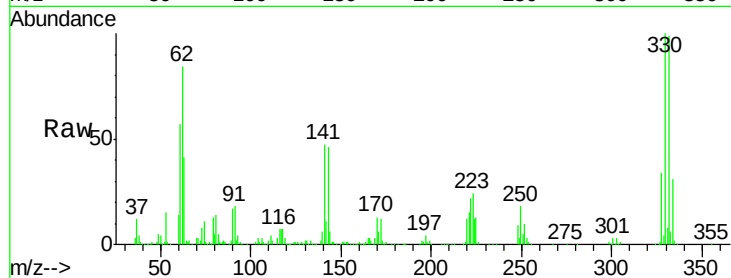




#41
 2,4,6-Tribromophenol
 Concen: 123.608 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011149.D
 Acq: 05 Aug 2017 19:20

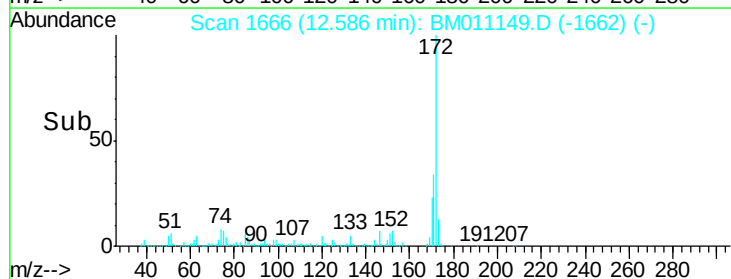
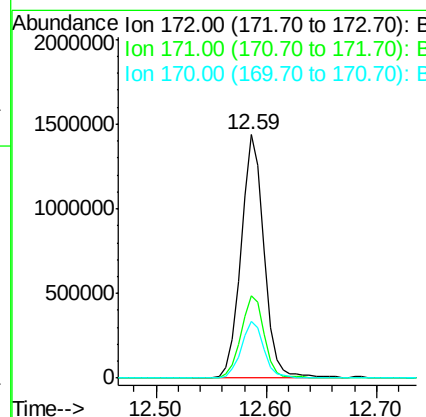
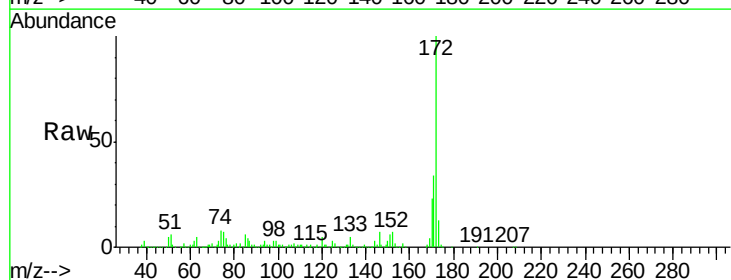
Instrument :
 BNA_M
 ClientSampleId :
 2013

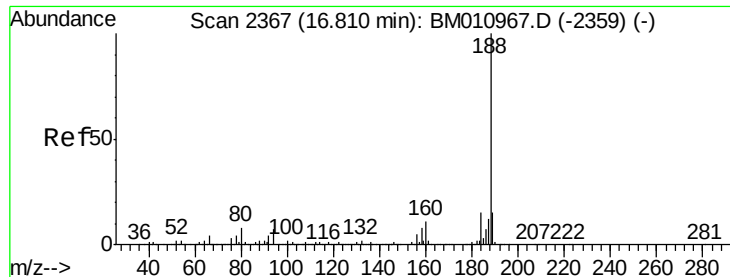
Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	46.1	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 71.127 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011149.D
 Acq: 05 Aug 2017 19:20

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	28.5	42.7
170	23.1	18.8	28.2

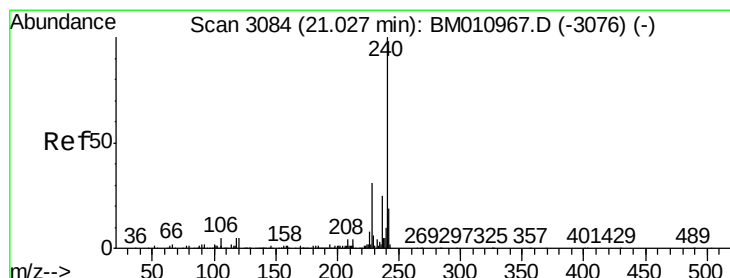
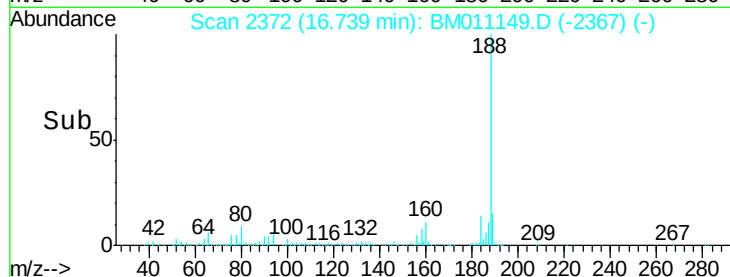
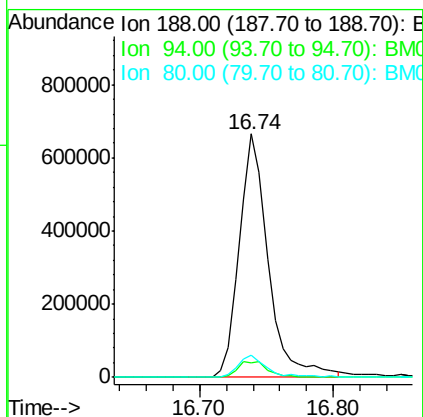
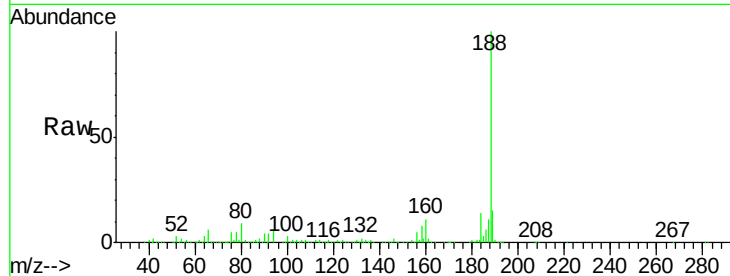




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 16.74 min Scan# 2372
Delta R.T. -0.07 min
Lab File: BM011149.D
Acq: 05 Aug 2017 19:20

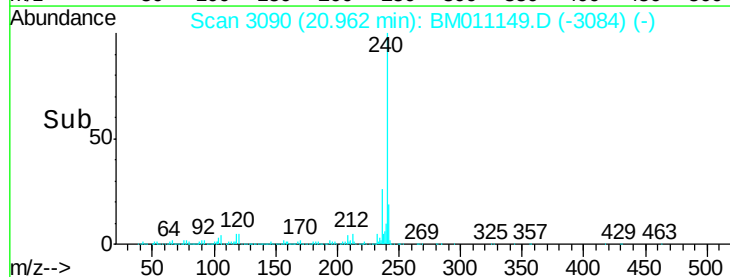
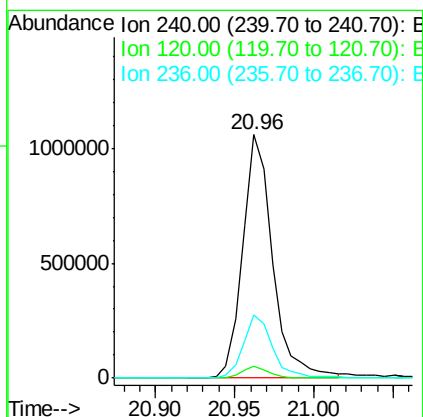
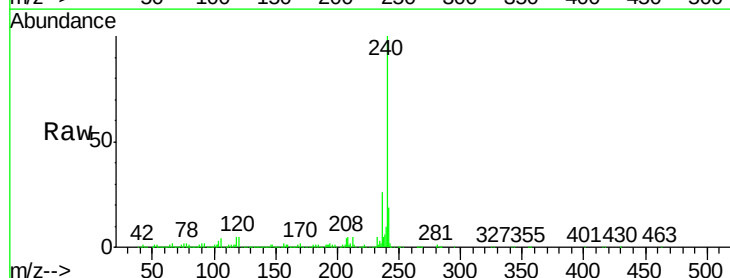
Instrument :
BNA_M
ClientSampleId :
2013

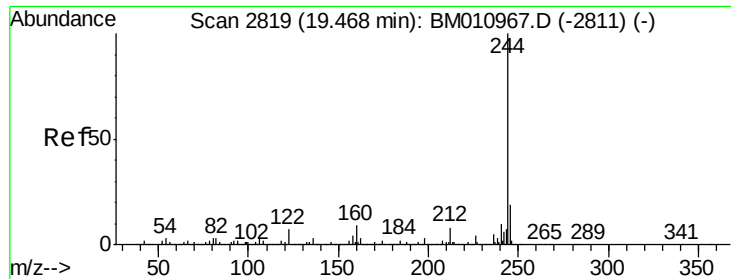
Tgt Ion:188 Resp: 1002632
Ion Ratio Lower Upper
188 100
94 6.0 8.7 13.1#
80 9.0 9.3 13.9#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 20.96 min Scan# 3090
Delta R.T. -0.06 min
Lab File: BM011149.D
Acq: 05 Aug 2017 19:20

Tgt Ion:240 Resp: 1382663
Ion Ratio Lower Upper
240 100
120 4.9 8.2 12.2#
236 26.1 20.0 30.0





#78

Terphenyl-d14

Concen: 67.136 ng

RT: 19.41 min Scan# 2826

Delta R.T. -0.06 min

Lab File: BM011149.D

Acq: 05 Aug 2017 19:20

Instrument :

BNA_M

ClientSampleId :
2013

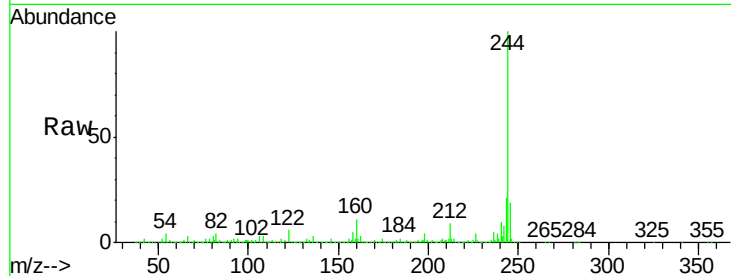
Tgt Ion:244 Resp: 4686172

Ion Ratio Lower Upper

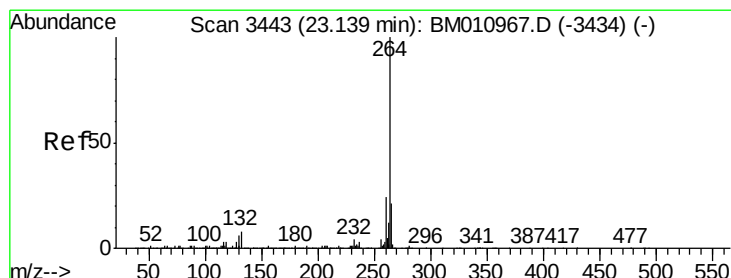
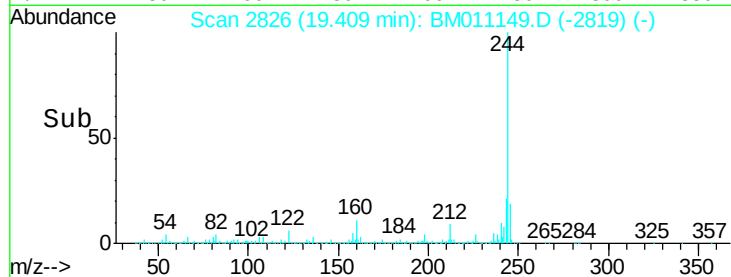
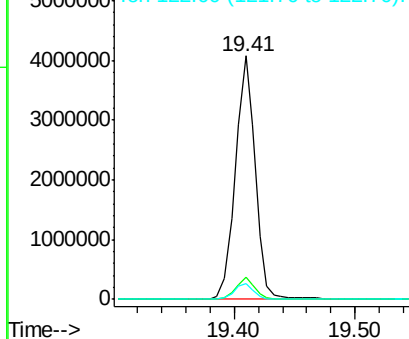
244 100

212 8.9 4.9 7.3#

122 6.3 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: 23.05 min Scan# 3445

Delta R.T. -0.09 min

Lab File: BM011149.D

Acq: 05 Aug 2017 19:20

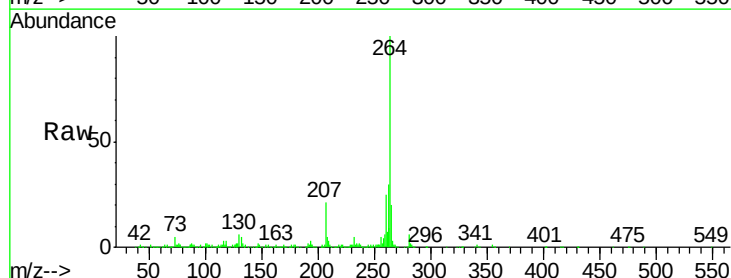
Tgt Ion:264 Resp: 1094253

Ion Ratio Lower Upper

264 100

260 25.2 18.6 27.8

265 20.0 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

