

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
 Data File : BM011216.D
 Acq On : 12 Aug 2017 13:08
 Operator : SJ/JU
 Sample : I4700-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

Manual Integrations
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Quant Time: Aug 14 04:57:57 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	7.29	152	116540	20.00	ng	-0.10
21) Naphthalene-d8	10.05	136	386855m	20.00	ng	-0.10
38) Acenaphthene-d10	13.96	164	245298m	20.00	ng	-0.09
63) Phenanthrene-d10	16.72	188	562273m	20.00	ng	-0.09
75) Chrysene-d12	20.94	240	710556	20.00	ng	-0.08
86) Perylene-d12	23.02	264	723888	20.00	ng	-0.12
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	998414	144.82	ng	-0.09
7) Phenol-d6	6.50	99	1223221	124.88	ng	-0.09
23) Nitrobenzene-d5	8.44	82	1301243	126.24	ng	-0.10
41) 2,4,6-Tribromophenol	15.47	330	516340	131.33	ng	-0.09
44) 2-Fluorobiphenyl	12.56	172	2032660	103.92	ng	-0.10
78) Terphenyl-d14	19.39	244	3242683	90.40	ng	-0.08

Target Compounds Qvalue

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

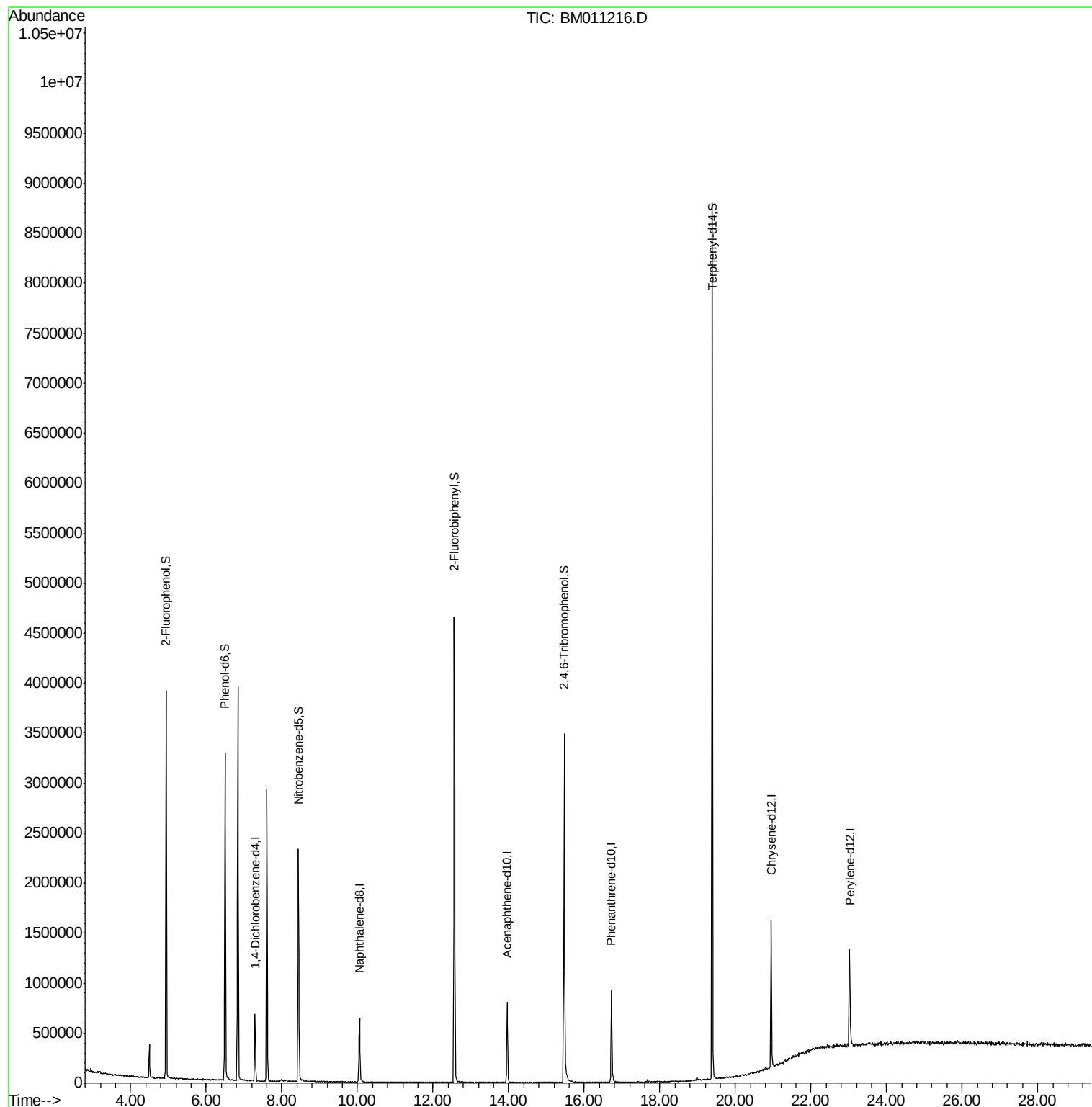
Data Path : Z:\HPCHEM1\BNA M\DATA\BM081217\
Data File : BM011216.D
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Sample : I4700-03
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ALS Vial : 4 Sample Multiplier: 1

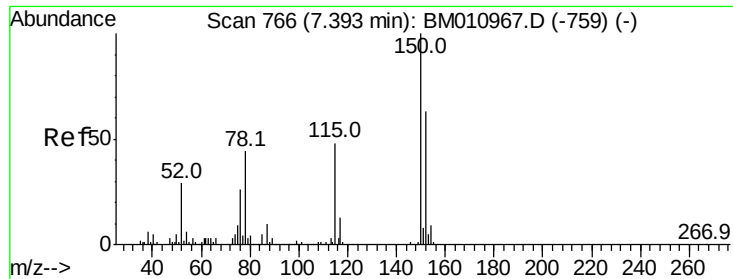
Instrument :
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#1

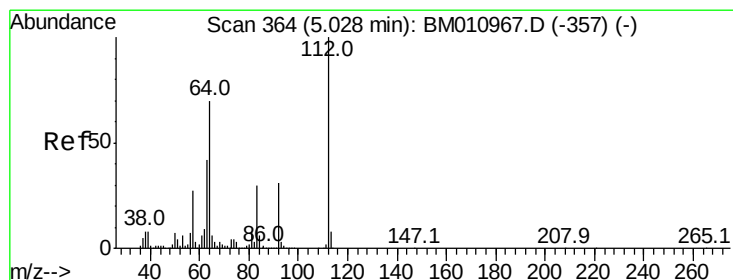
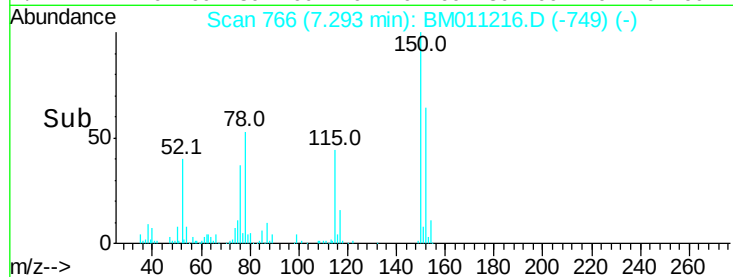
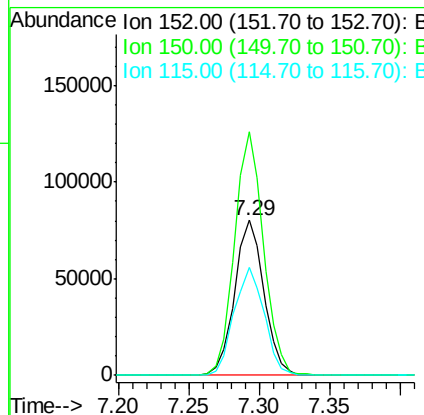
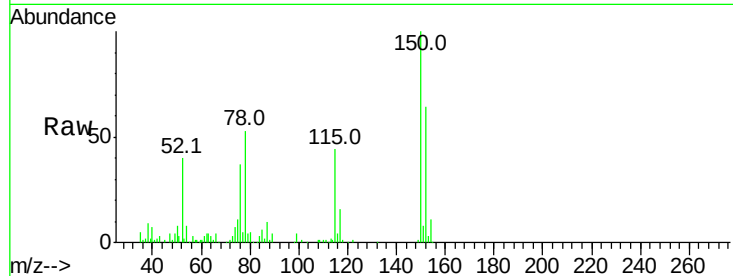
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. -0.10 min
Lab File: BM011216.D
Acq: 12 Aug 2017 13:08

Instrument :
BNA_M
ClientSampleId :
NB-01-080917-A

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.1	119.5	179.3
115	69.5	43.0	64.4#

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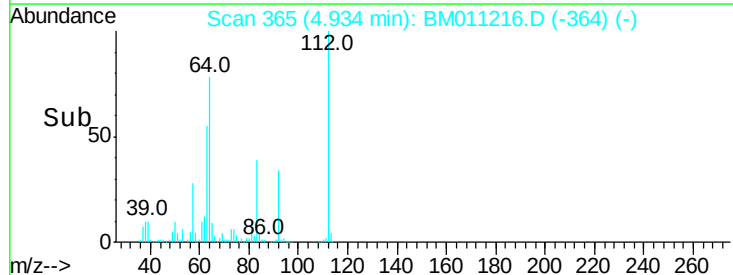
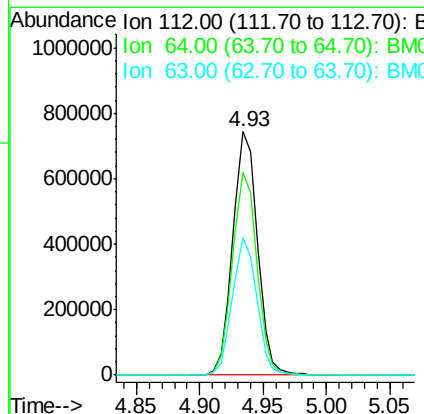
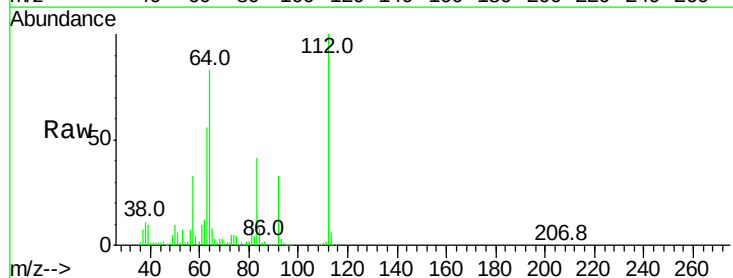
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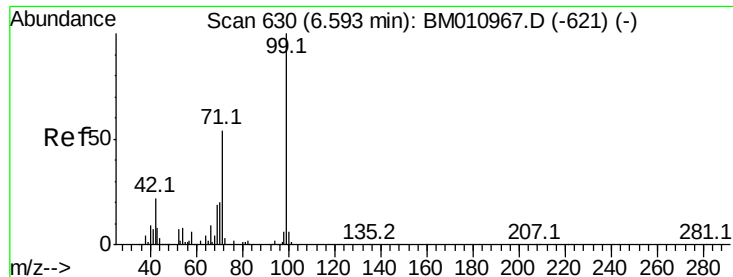


#5

2-Fluorophenol
Concen: 144.822 ng
RT: 4.93 min Scan# 365
Delta R.T. -0.09 min
Lab File: BM011216.D
Acq: 12 Aug 2017 13:08

Tgt Ion	Ratio	Lower	Upper
112	100		
64	83.3	38.6	57.8#
63	56.2	19.3	28.9#





#7

Phenol-d6

Concen: 124.880 ng

RT: 6.50 min Scan# 631

Delta R.T. -0.09 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-A

Tot Ion: 99 Resp: 1223221

Ion Ratio Lower Upper

99 100

42 27.1 11.0 16.4#

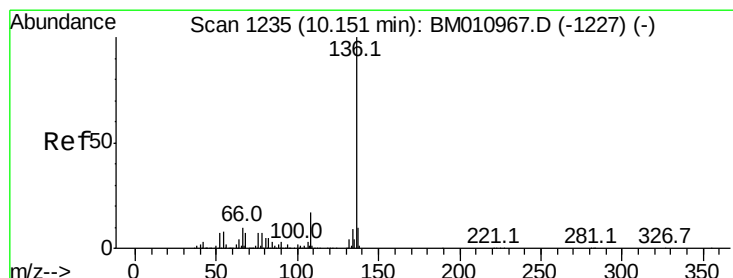
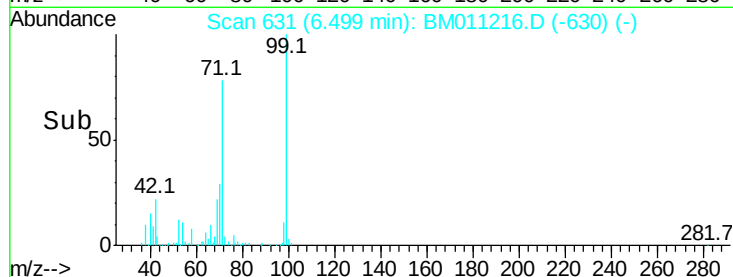
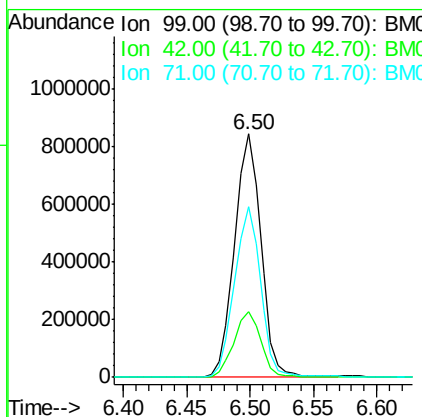
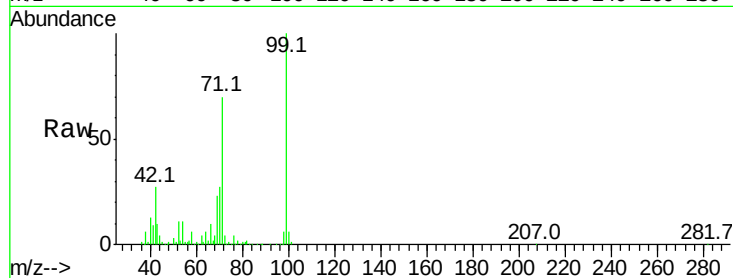
71 69.9 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng m

RT: 10.05 min Scan# 1235

Delta R.T. -0.10 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Tgt Ion: 136 Resp: 386855

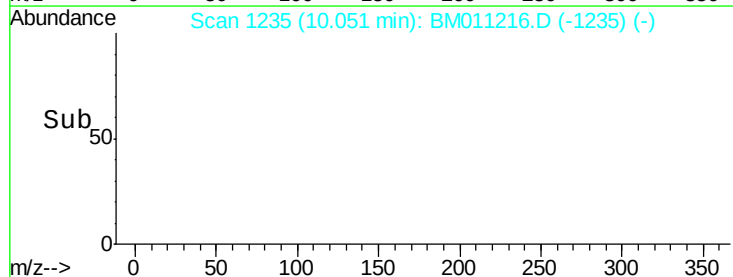
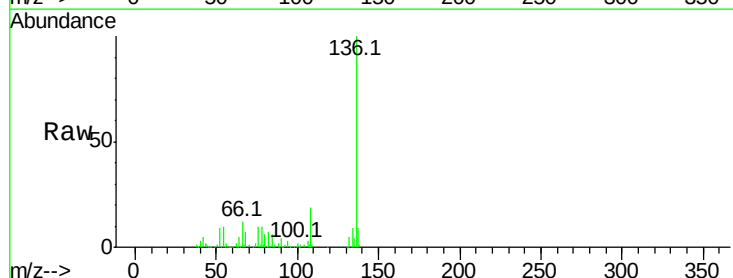
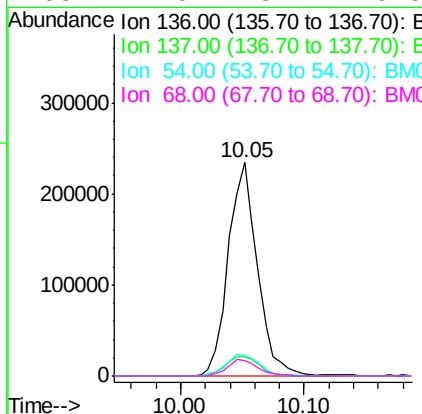
Ion Ratio Lower Upper

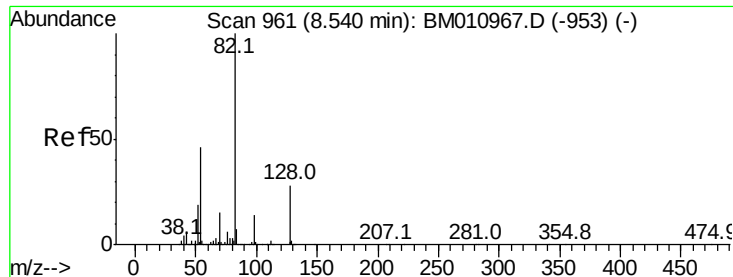
136 100

137 8.8 8.7 13.1

54 9.7 4.6 6.8#

68 7.0 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 126.243 ng

RT: 8.44 min Scan# 961

Delta R.T. -0.10 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Instrument :

BNA_M

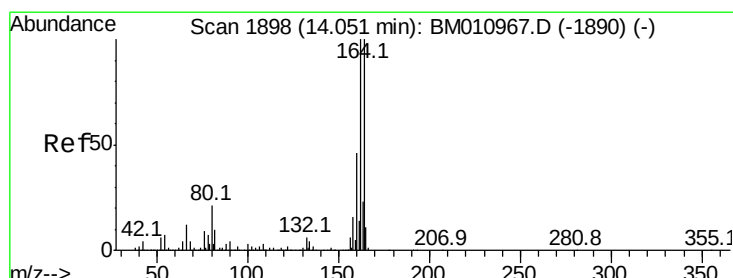
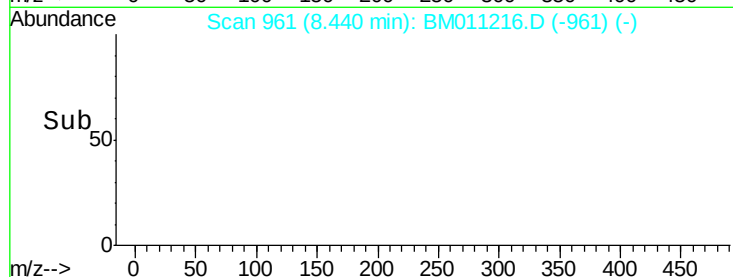
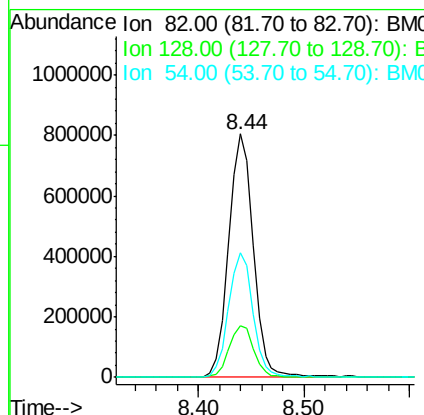
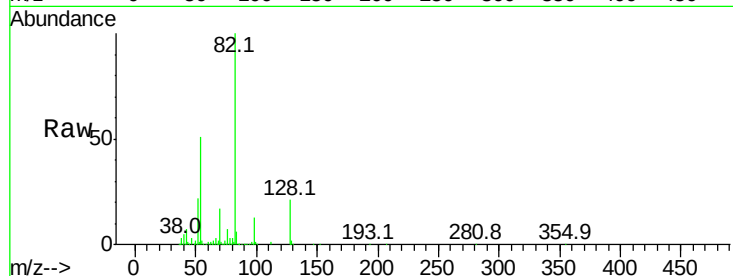
ClientSampleId :

NB-01-080917-A

Tot Ion	82	Resp	1301243
Ion	Ratio	Lower	Upper
82	100		
128	21.3	32.8	49.2#
54	51.2	40.6	60.8

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#38

Acenaphthene-d10

Concen: 20.000 ng m

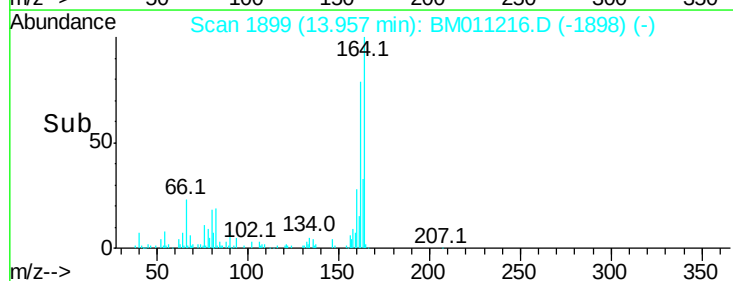
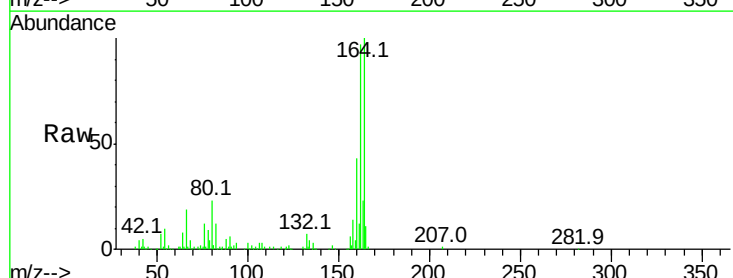
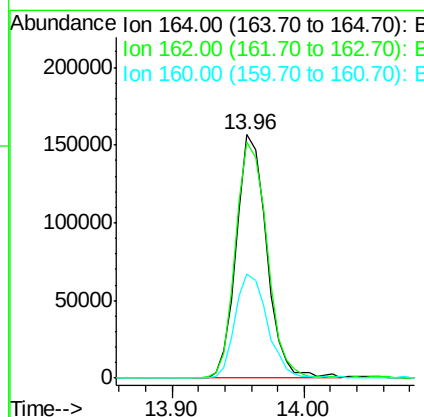
RT: 13.96 min Scan# 1899

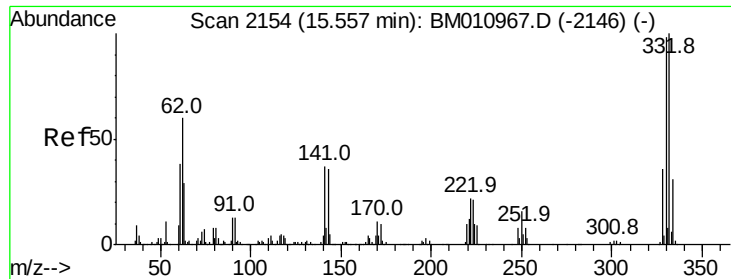
Delta R.T. -0.09 min

Lab File: BM011216.D

Acq: 12 Aug 2017 13:08

Tgt Ion	164	Resp	245298
Ion	Ratio	Lower	Upper
164	100		
162	97.1	82.4	123.6
160	42.7	35.8	53.6





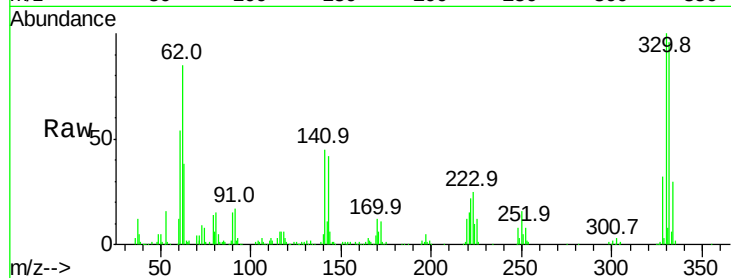
#41
 2,4,6-Tribromophenol
 Concen: 131.330 ng
 RT: 15.47 min Scan# 2156
 Delta R.T. -0.09 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

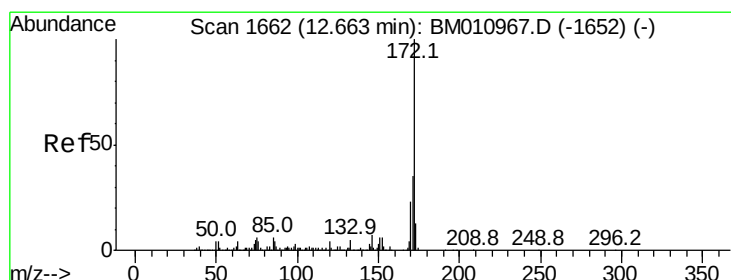
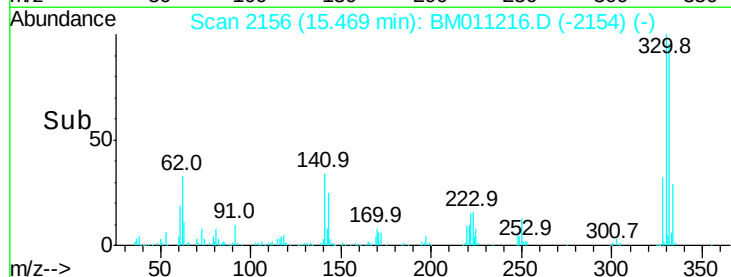
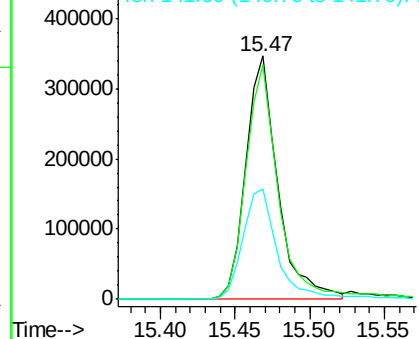
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	96.6	0.0	0.0#
141	47.8	0.0	0.0#

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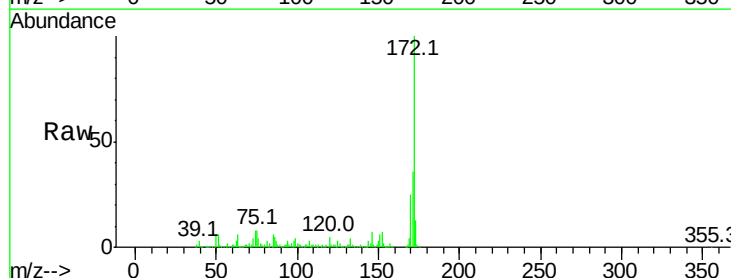


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

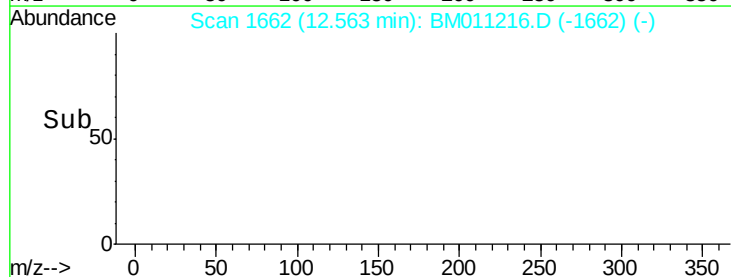
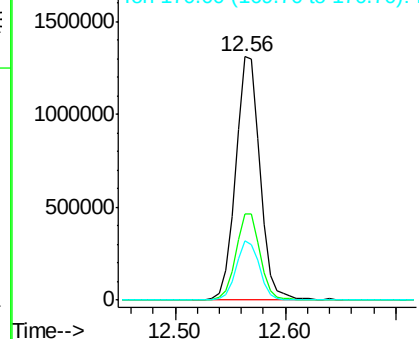


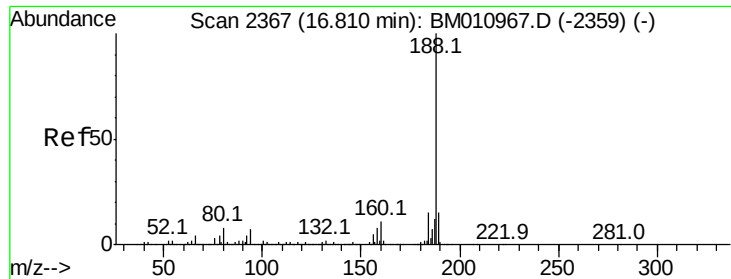
#44
 2-Fluorobiphenyl
 Concen: 103.924 ng
 RT: 12.56 min Scan# 1662
 Delta R.T. -0.10 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	35.5	28.5	42.7
170	24.6	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





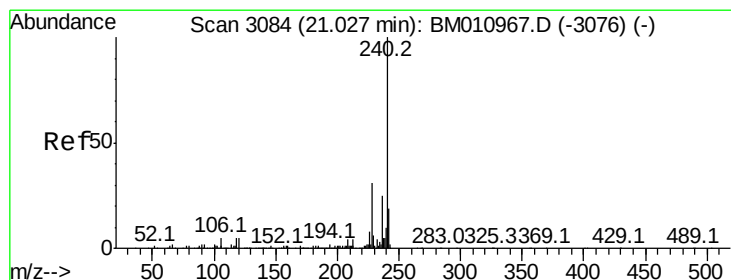
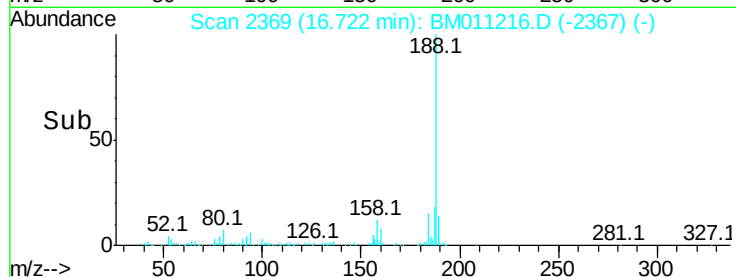
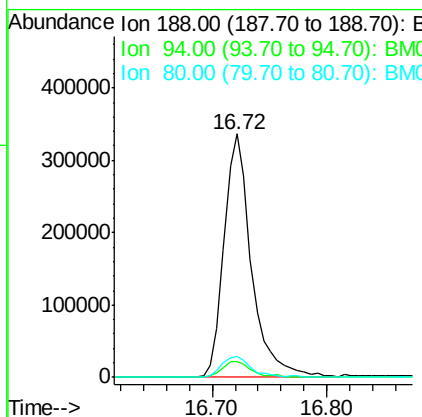
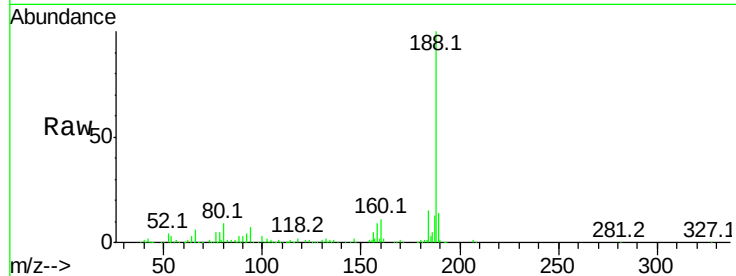
#63
 Phenanthrene-d10
 Concen: 20.000 ng m
 RT: 16.72 min Scan# 2369
 Delta R.T. -0.09 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	6.7	8.7	13.1#
80	8.8	9.3	13.9#

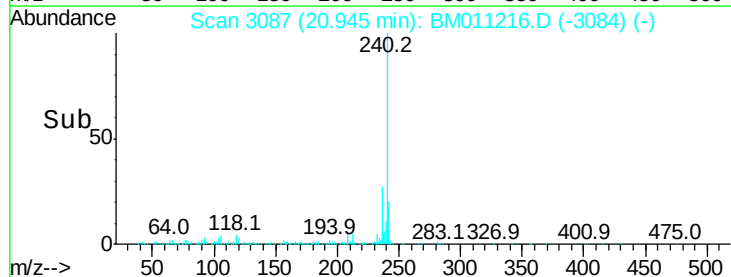
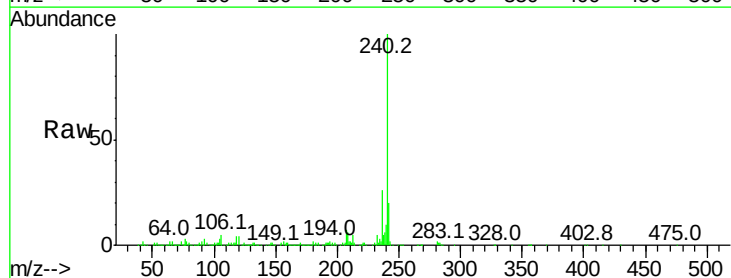
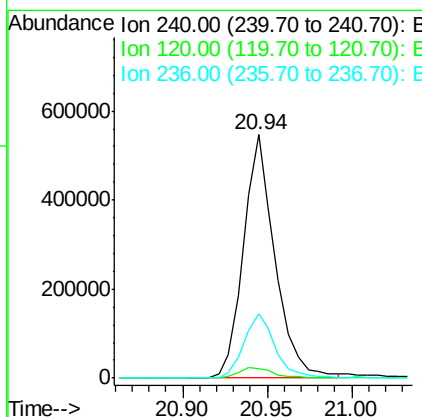
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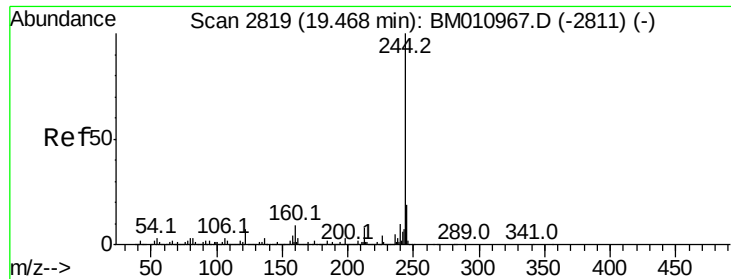
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#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 20.94 min Scan# 3087
 Delta R.T. -0.08 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	3.7	8.2	12.2#
236	26.3	20.0	30.0





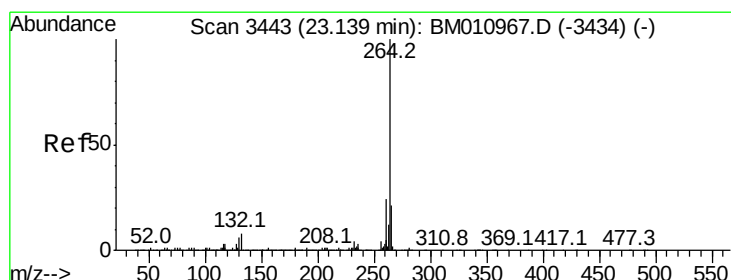
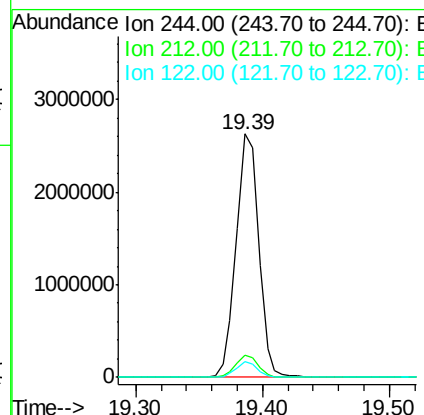
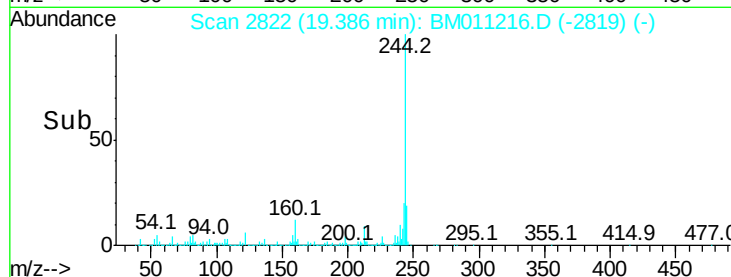
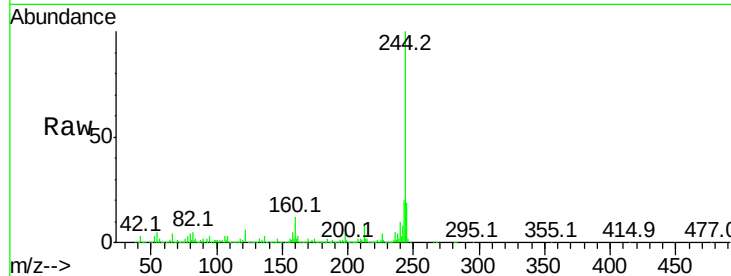
#78
 Terphenyl-d14
 Concen: 90.399 ng
 RT: 19.39 min Scan# 2822
 Delta R.T. -0.08 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

Instrument :
 BNA_M
 ClientSampleId :
 NB-01-080917-A

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.0	4.9	7.3#
122	6.4	6.2	9.4

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 23.02 min Scan# 3440
 Delta R.T. -0.12 min
 Lab File: BM011216.D
 Acq: 12 Aug 2017 13:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.6	27.8
265	23.4	17.3	25.9

