

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
 Data File : BM011230.D
 Acq On : 14 Aug 2017 15:13
 Operator : SJ/JU
 Sample : I4700-09
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

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

Manual Integrations
 APPROVED

Sohil
 8/15/2017 6:42:30 PM

Quant Time: Aug 14 16:12:44 2017
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 14 16:03:18 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	130954	20.00	ng	0.00
21) Naphthalene-d8	10.05	136	444778	20.00	ng	0.00
38) Acenaphthene-d10	13.96	164	222875	20.00	ng	0.00
63) Phenanthrene-d10	16.72	188	727637	20.00	ng	0.00
75) Chrysene-d12	20.94	240	628301	20.00	ng	0.00
86) Perylene-d12	23.03	264	100911m	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	4.93	112	1146154	147.95	ng	0.00
7) Phenol-d6	6.50	99	1358911	123.46	ng	0.00
23) Nitrobenzene-d5	8.44	82	1472589	124.26	ng	0.00
41) 2,4,6-Tribromophenol	15.47	330	655120	183.39	ng	0.00
44) 2-Fluorobiphenyl	12.56	172	2325829	130.88	ng	0.00
78) Terphenyl-d14	19.39	244	3790785	119.51	ng	0.00

Target Compounds Qvalue

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

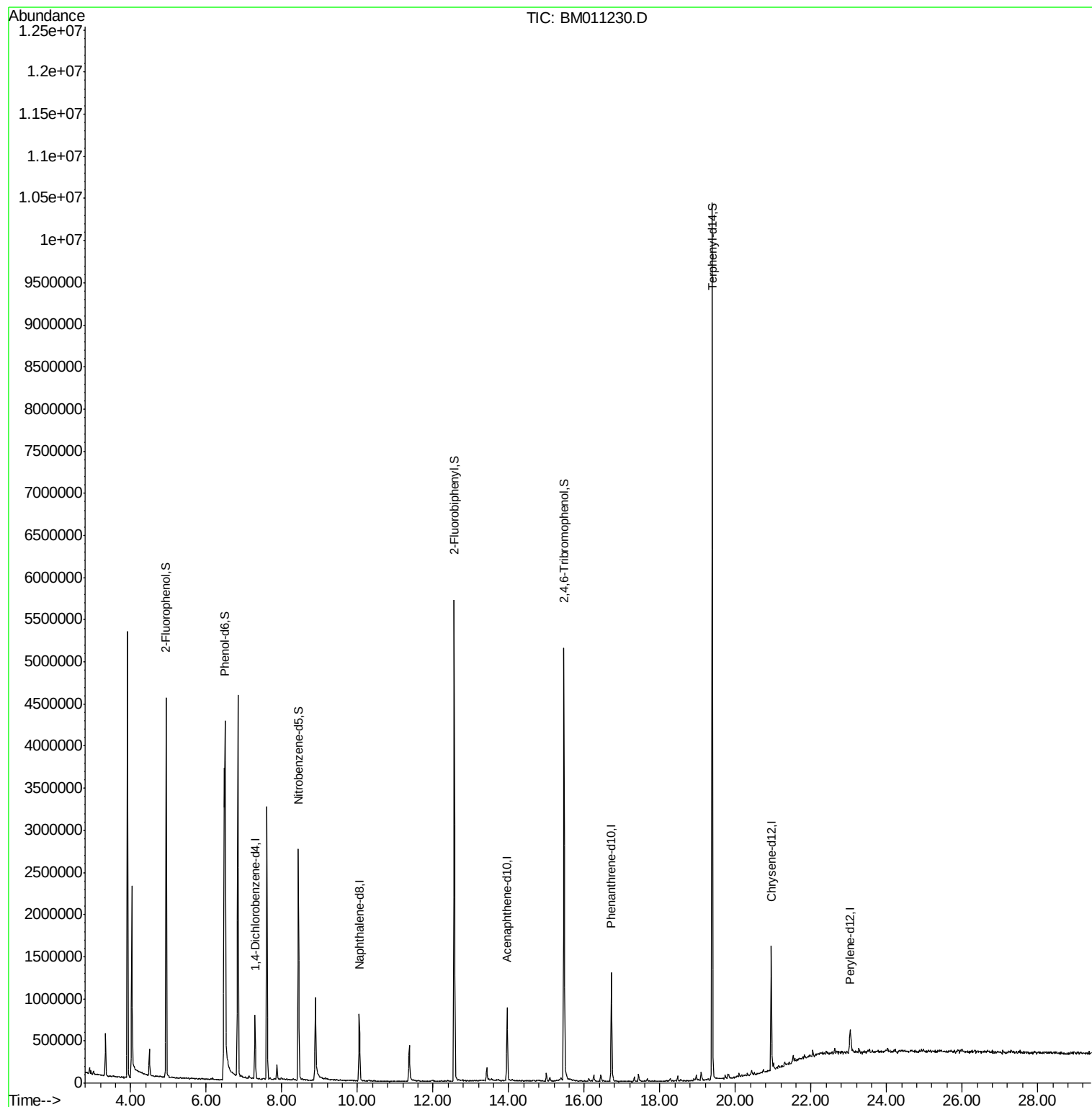
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM081417\
Data File : BM011230.D
Acq On : 14 Aug 2017 15:13
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ALS Vial : 6 Sample Multiplier: 1

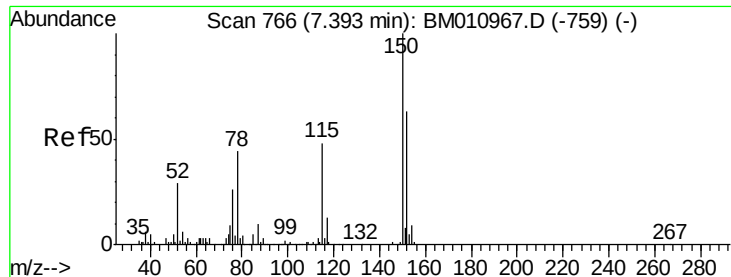
Instrument :
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#1

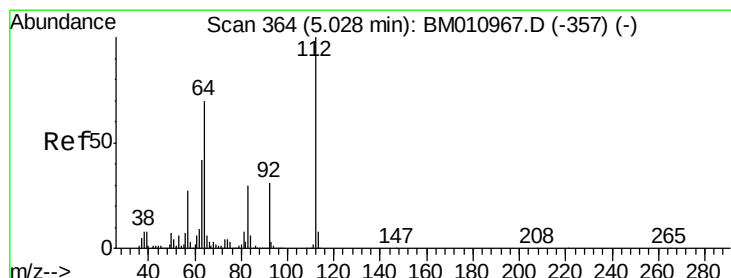
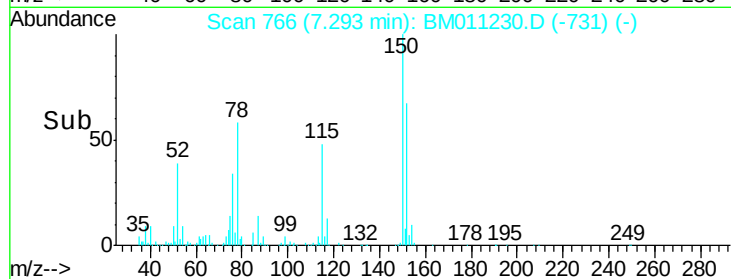
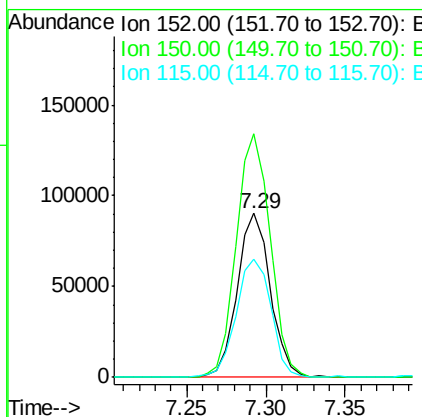
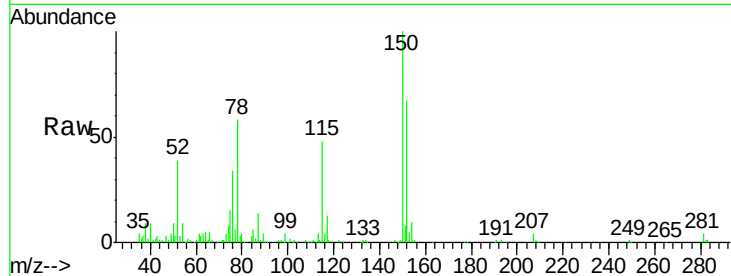
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.29 min Scan# 766
Delta R.T. 0.01 min
Lab File: BM011230.D
Acq: 14 Aug 2017 15:13

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

Tgt Ion	Ratio	Lower	Upper
152	100		
150	148.4	119.5	179.3
115	71.6	43.0	64.4

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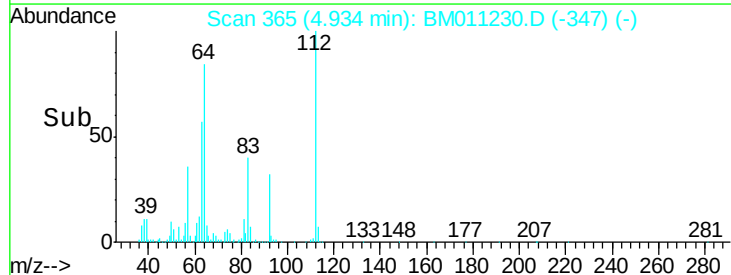
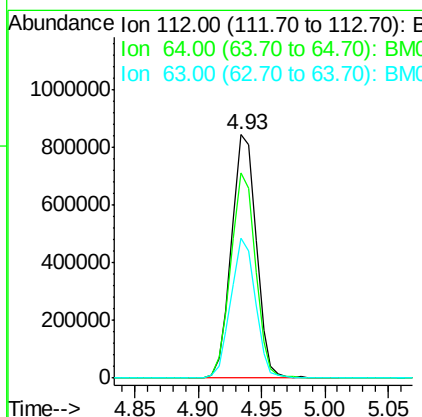
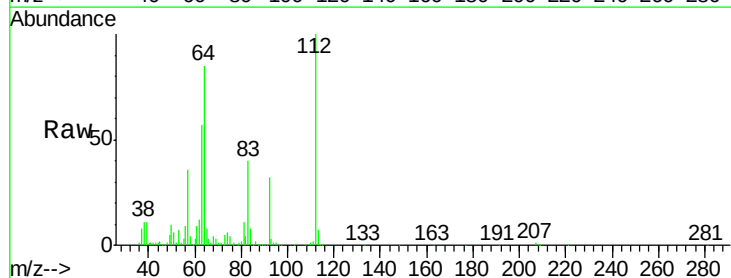
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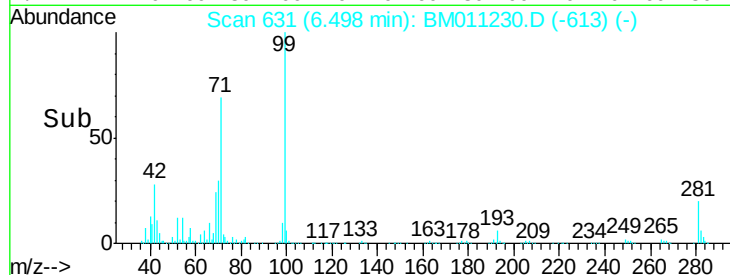
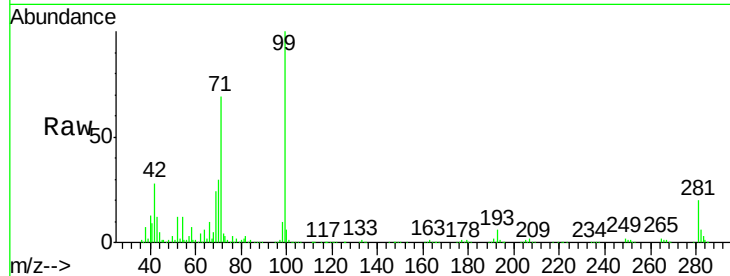
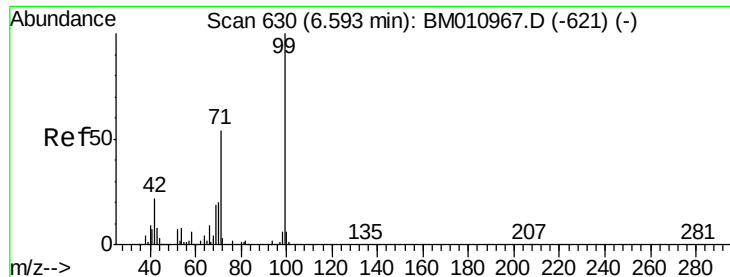


#5

2-Fluorophenol
Concen: 147.953 ng
RT: 4.93 min Scan# 365
Delta R.T. 0.01 min
Lab File: BM011230.D
Acq: 14 Aug 2017 15:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	84.5	38.6	57.8
63	57.5	19.3	28.9





#7

Phenol-d6

Concen: 123.462 ng

RT: 6.50 min Scan# 631

Delta R.T. 0.01 min

Lab File: BM011230.D

Acq: 14 Aug 2017 15:13

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-C

Tgt Ion: 99 Resp: 1358911

Ion Ratio Lower Upper

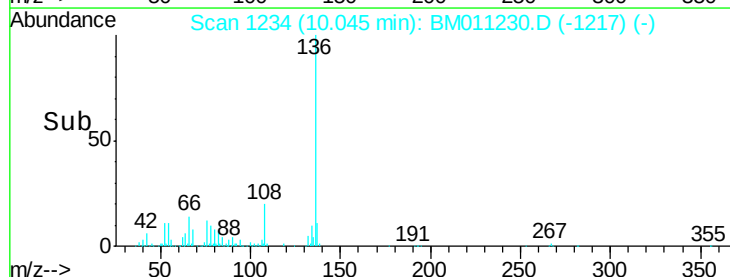
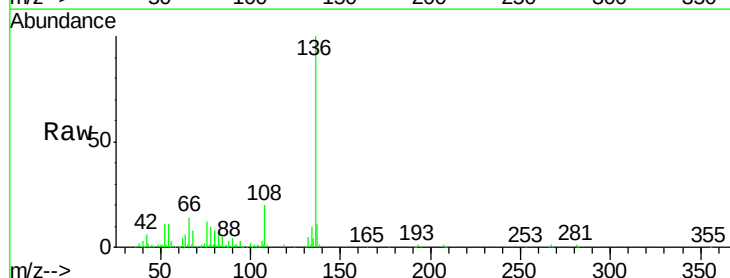
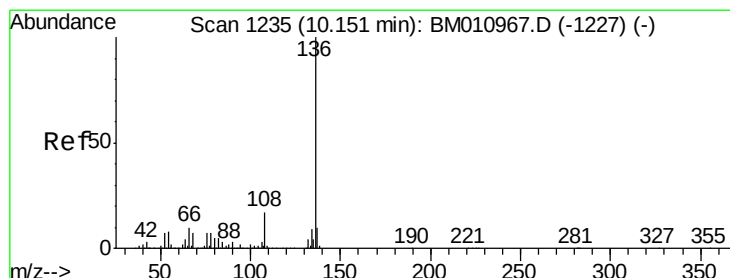
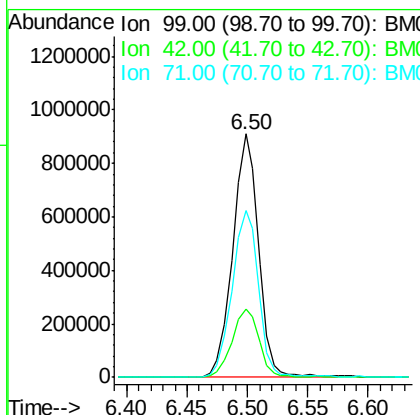
99 100

42 28.1 11.0 16.4#

71 68.5 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.05 min Scan# 1234

Delta R.T. 0.00 min

Lab File: BM011230.D

Acq: 14 Aug 2017 15:13

Tgt Ion: 136 Resp: 444778

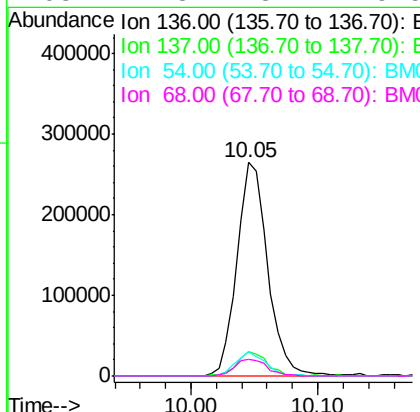
Ion Ratio Lower Upper

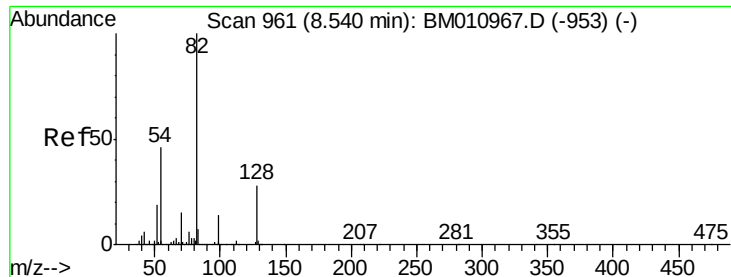
136 100

137 11.2 8.7 13.1

54 11.4 4.6 6.8#

68 7.8 3.7 5.5#





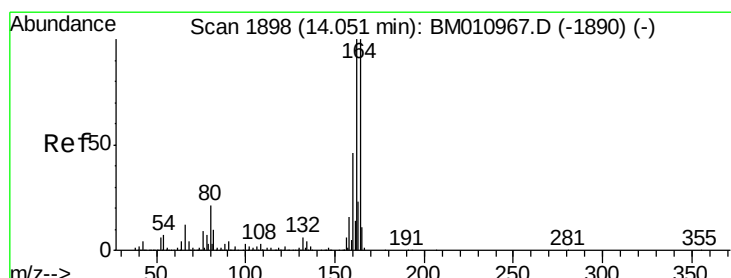
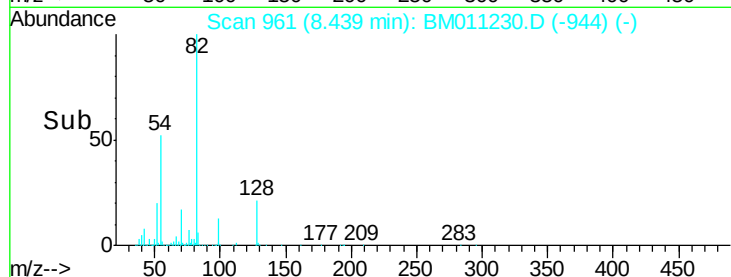
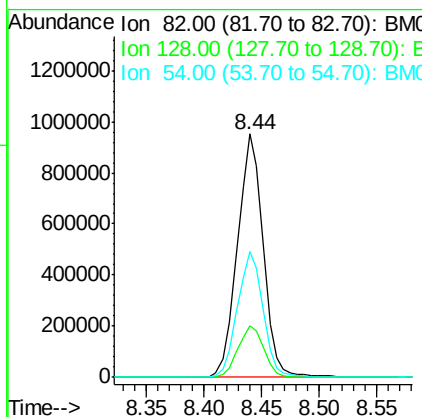
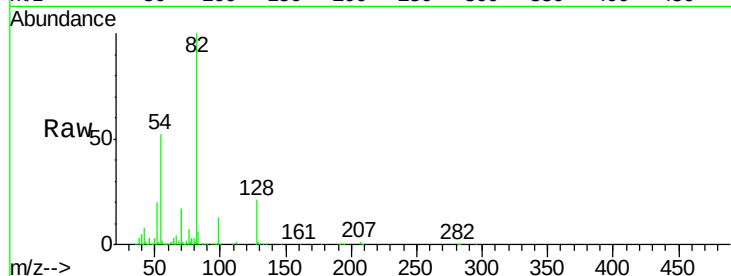
#23
 Nitrobenzene-d5
 Concen: 124.261 ng
 RT: 8.44 min Scan# 961
 Delta R.T. 0.00 min
 Lab File: BM011230.D
 Acq: 14 Aug 2017 15:13

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

Tgt Ion	Ratio	Lower	Upper
82	100		
128	21.0	32.8	49.2#
54	51.9	40.6	60.8

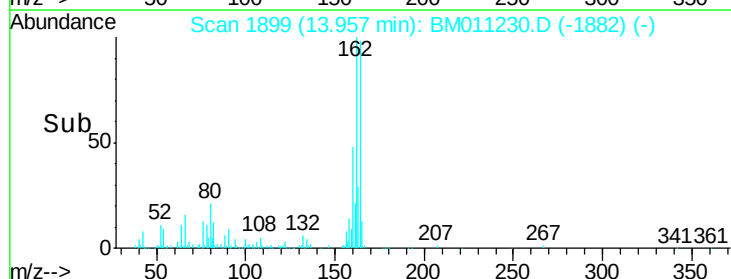
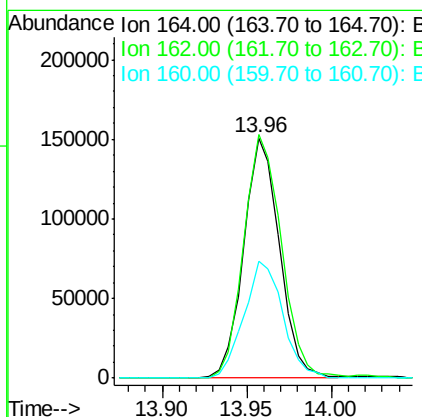
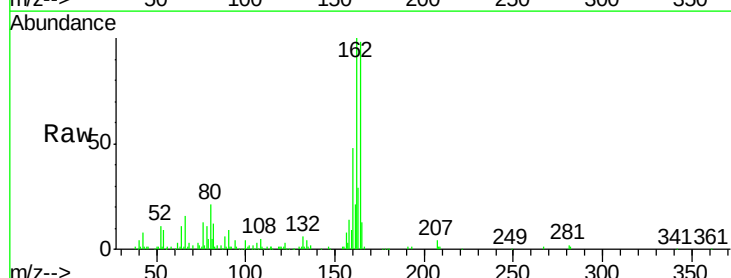
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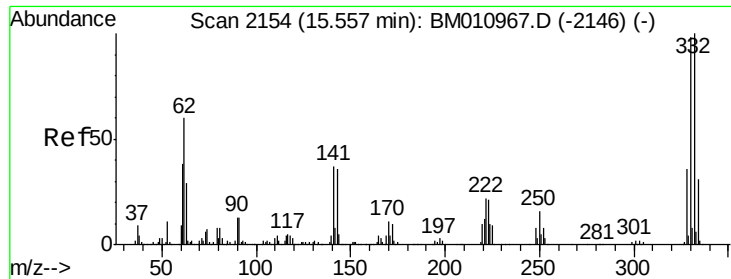
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 13.96 min Scan# 1899
 Delta R.T. 0.00 min
 Lab File: BM011230.D
 Acq: 14 Aug 2017 15:13

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.4	123.6
160	49.0	35.8	53.6





#41

2,4,6-Tribromophenol

Concen: 183.393 ng

RT: 15.47 min Scan# 2156

Delta R.T. 0.01 min

Lab File: BM011230.D

Acq: 14 Aug 2017 15:13

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-C

Tgt Ion:330 Resp: 655120
Ion Ratio Lower Upper

330 100

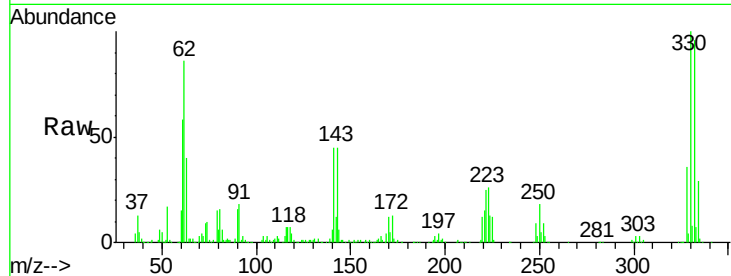
332 96.3 0.0 0.0#

141 49.0 0.0 0.0#

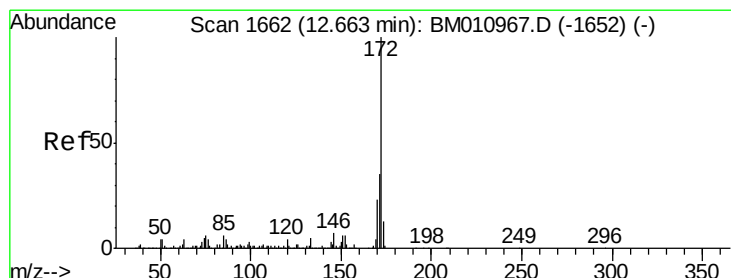
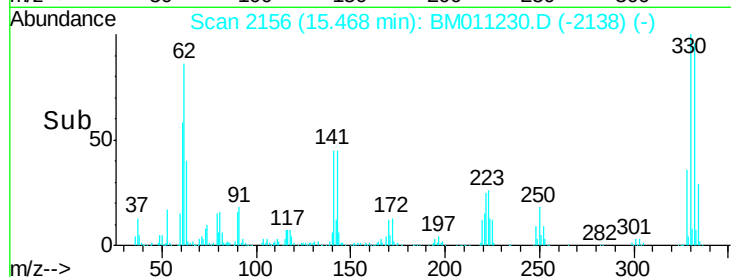
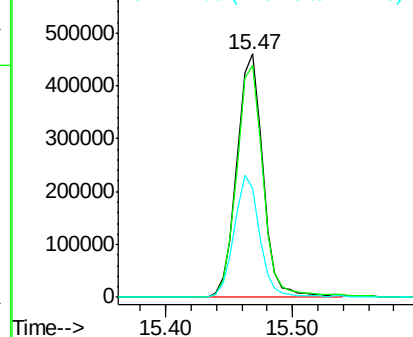
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 130.876 ng

RT: 12.56 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BM011230.D

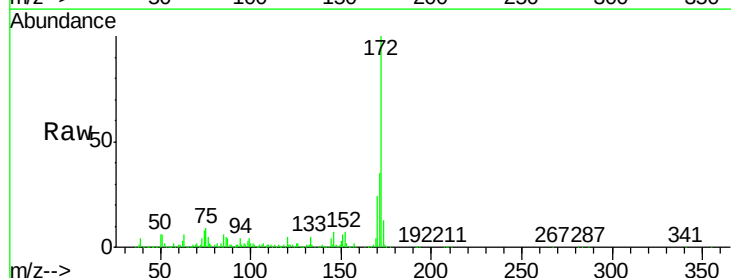
Acq: 14 Aug 2017 15:13

Tgt Ion:172 Resp: 2325829
Ion Ratio Lower Upper

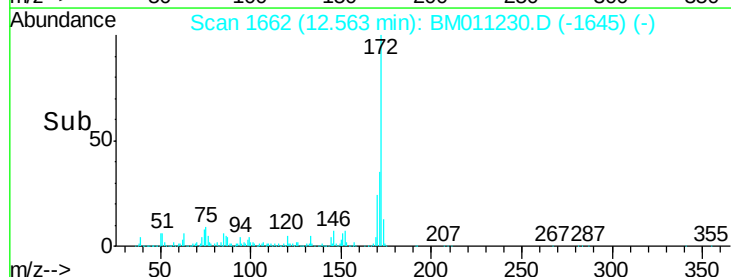
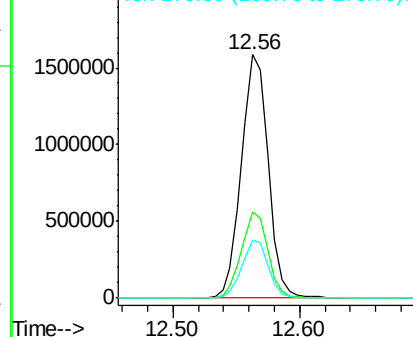
172 100

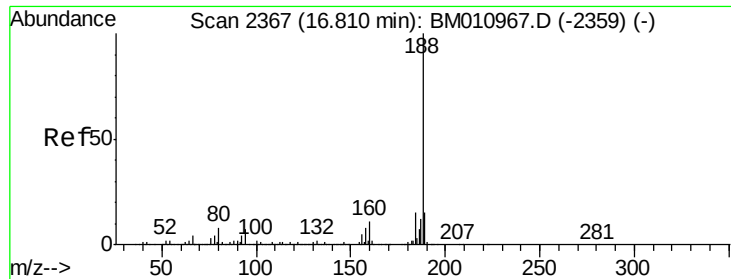
171 35.5 28.5 42.7

170 23.8 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: 16.72 min Scan# 2368

Delta R.T. 0.00 min

Lab File: BM011230.D

Acq: 14 Aug 2017 15:13

Instrument :

BNA_M

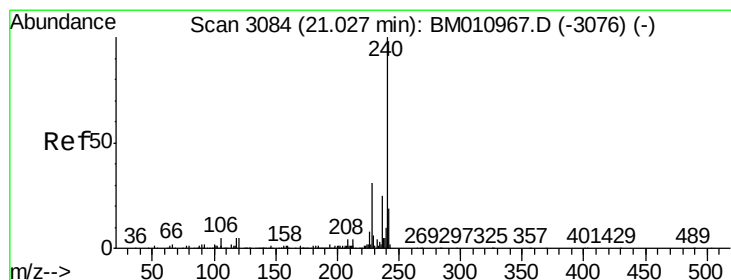
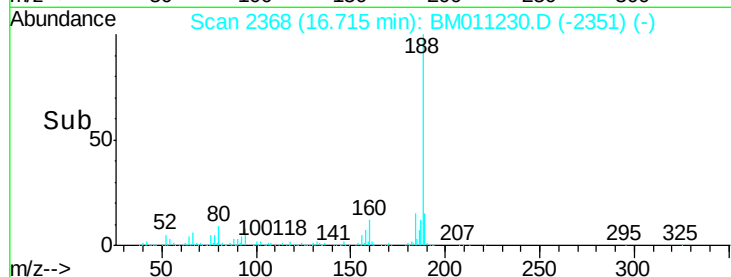
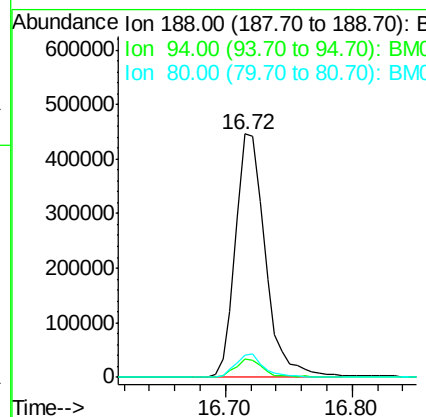
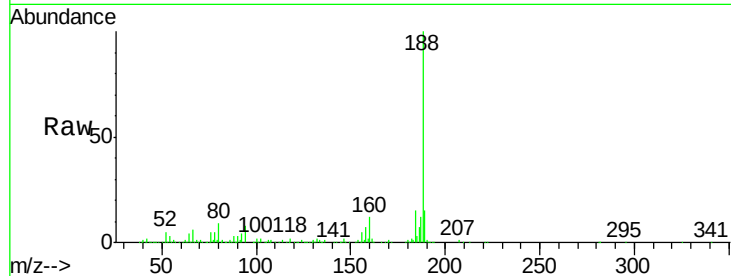
ClientSampleId :

NB-01-080917-C

Tgt	Ion	Resp	Lower	Upper
188	100			
94	7.7	8.7	13.1#	
80	9.3	9.3	13.9	

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#75

Chrysene-d12

Concen: 20.000 ng

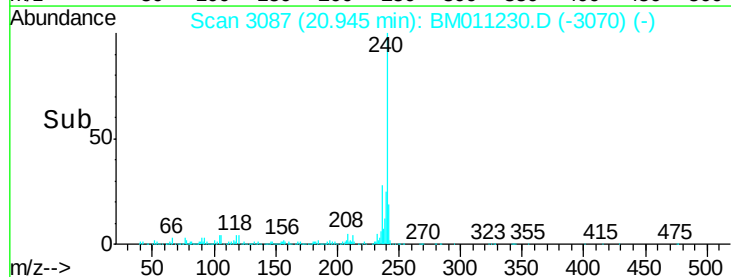
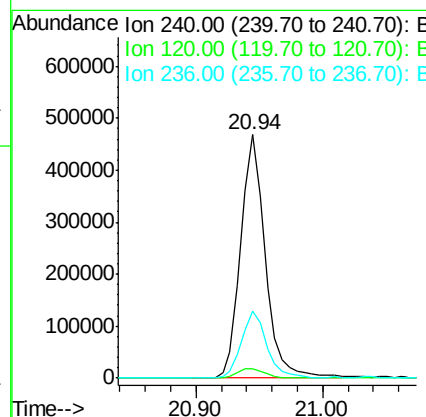
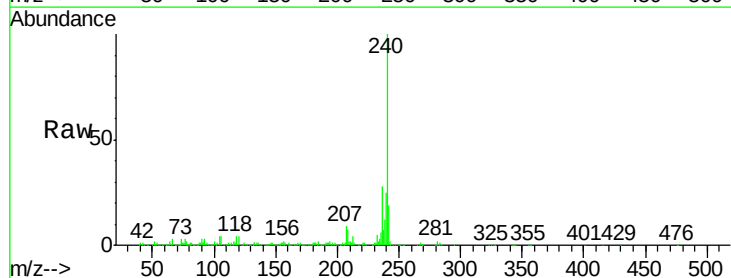
RT: 20.94 min Scan# 3087

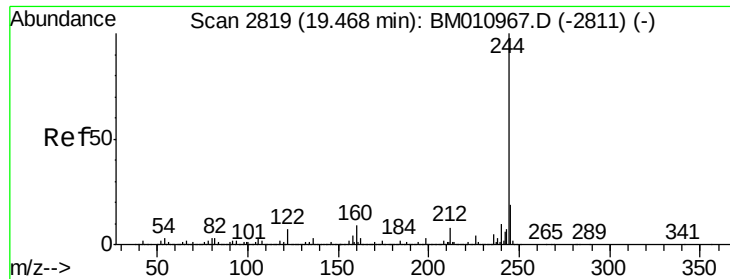
Delta R.T. 0.00 min

Lab File: BM011230.D

Acq: 14 Aug 2017 15:13

Tgt	Ion	Resp	Lower	Upper
240	100			
120	3.9	8.2	12.2#	
236	27.6	20.0	30.0	





#78

Terphenyl-d14

Concen: 119.514 ng

RT: 19.39 min Scan# 2823

Delta R.T. 0.01 min

Lab File: BM011230.D

Acq: 14 Aug 2017 15:13

Instrument :

BNA_M

ClientSampleId :

NB-01-080917-C

Tgt Ion:244 Resp: 3790785

Ion Ratio Lower Upper

244 100

212 8.8 4.9 7.3#

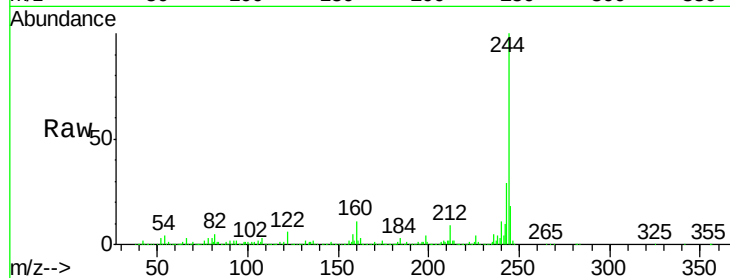
122 5.6 6.2 9.4#

Manual Integrations

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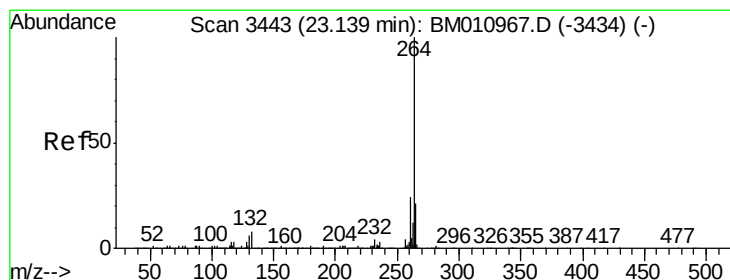
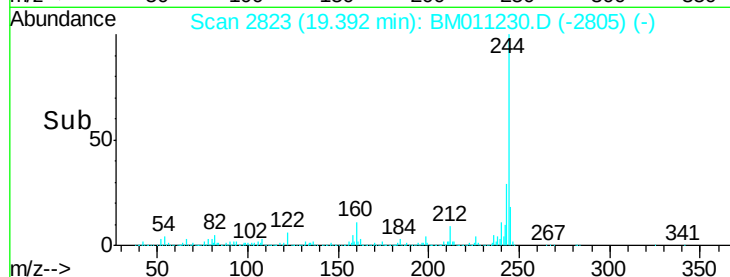
Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

19.39

Time-->



#86

Perylene-d12

Concen: 20.000 ng m

RT: 23.03 min Scan# 3441

Delta R.T. 0.01 min

Lab File: BM011230.D

Acq: 14 Aug 2017 15:13

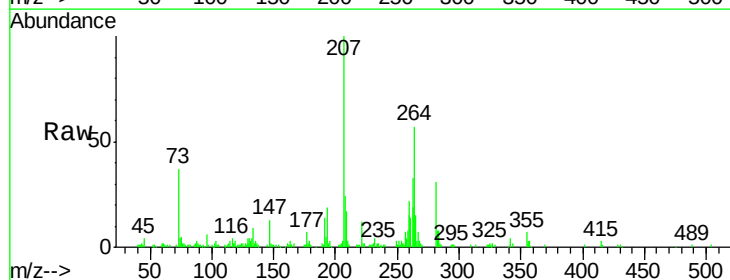
Tgt Ion:264 Resp: 100911

Ion Ratio Lower Upper

264 100

260 38.4 18.6 27.8#

265 26.4 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

23.03

Time-->

