

Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
 Data File : BM011028.D
 Acq On : 28 Jul 2017 01:35
 Operator : SJ/JU
 Sample : I4444-06
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-072517-B

Manual Integrations
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Sohil
 7/28/2017 4:45:05 PM

Quant Time: Jul 28 04:48:29 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	7.39	152	153716	20.00	ng	0.00
21) Naphthalene-d8	10.15	136	520181	20.00	ng	0.00
38) Acenaphthene-d10	14.05	164	109758	20.00	ng	0.00
63) Phenanthrene-d10	16.80	188	389758	20.00	ng	-0.01
75) Chrysene-d12	21.02	240	24514	20.00	ng	0.00
86) Perylene-d12	23.15	264	635	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.03	112	1251797	137.66	ng	0.00
7) Phenol-d6	6.59	99	711109	55.04	ng	0.00
23) Nitrobenzene-d5	8.53	82	1608578	116.06	ng	0.00
41) 2,4,6-Tribromophenol	15.55	330	781792	444.40	ng	0.00
44) 2-Fluorobiphenyl	12.66	172	2831614	323.55	ng	0.00
78) Terphenyl-d14	19.46	244	1443471	1166.41	ng	0.00

Target Compounds Qvalue

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

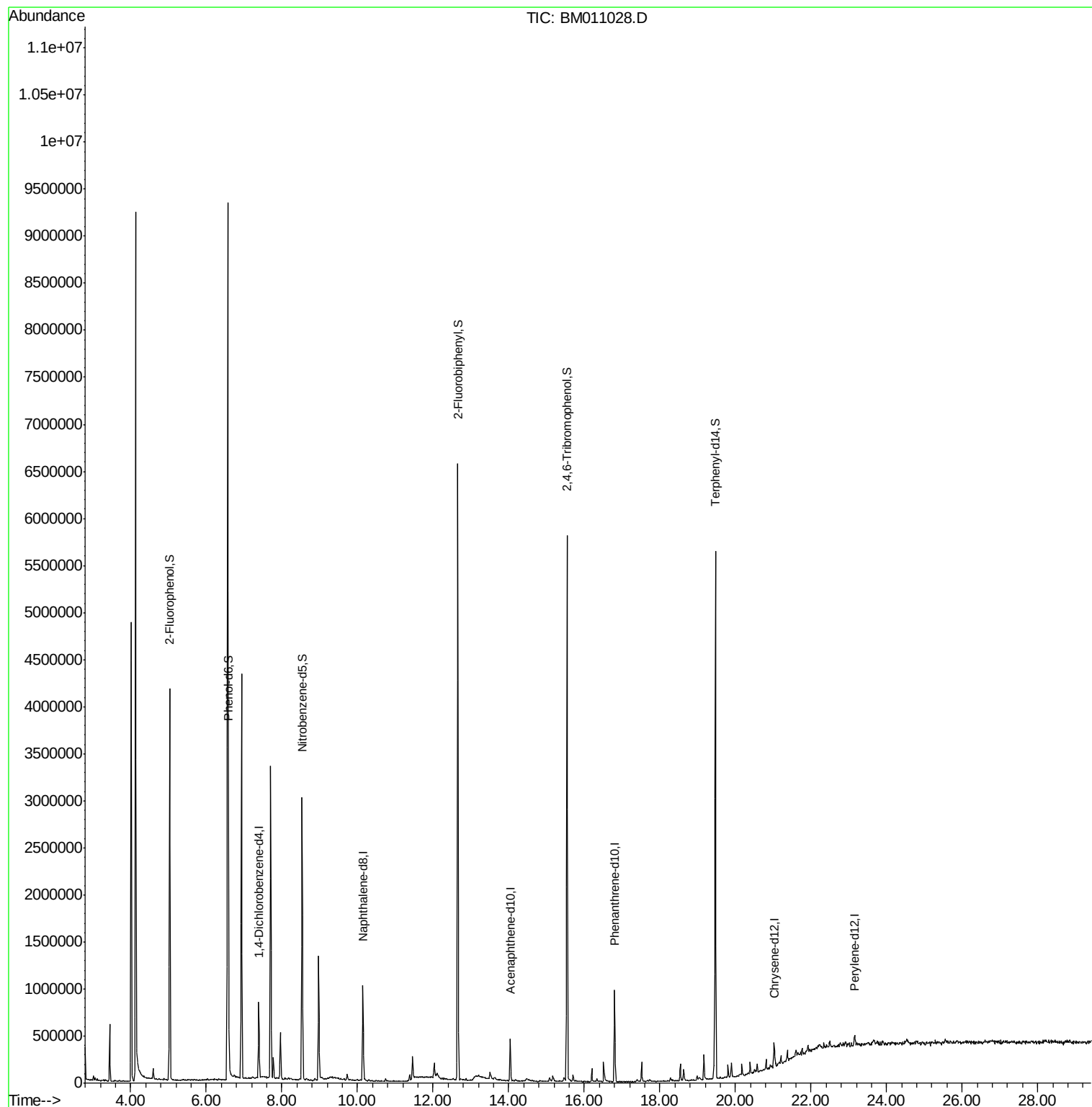
Data Path : Z:\HPCHEM1\BNA M\DATA\BM072717\
Data File : BM011028.D
Acq On : 28 Jul 2017 01:35
Operator : SJ/JU
Sample : I4444-06
Misc :
ALS Vial : 27 Sample Multiplier: 1

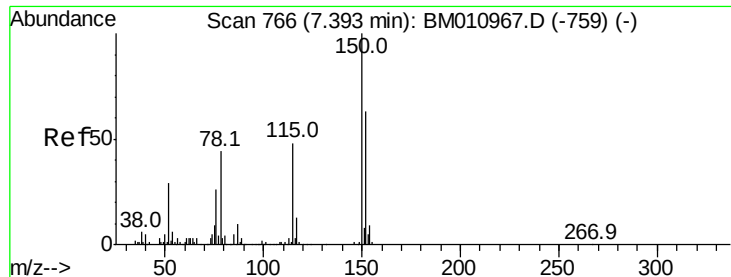
Instrument :
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#1

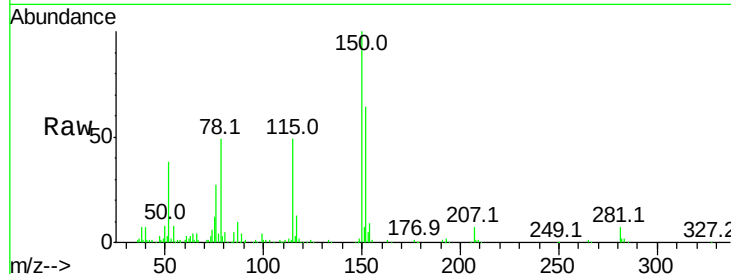
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.39 min Scan# 782
Delta R.T. -0.01 min
Lab File: BM011028.D
Acq: 28 Jul 2017 01:35

Instrument :
BNA_M
ClientSampleId :
EO-02-072517-B

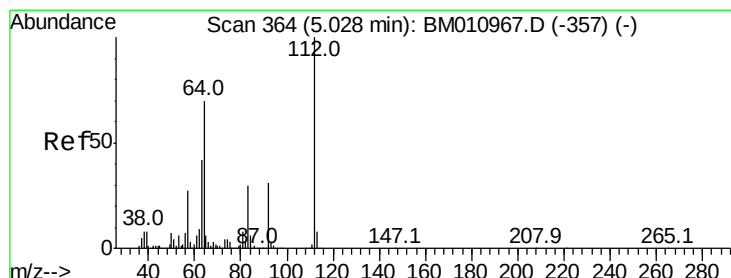
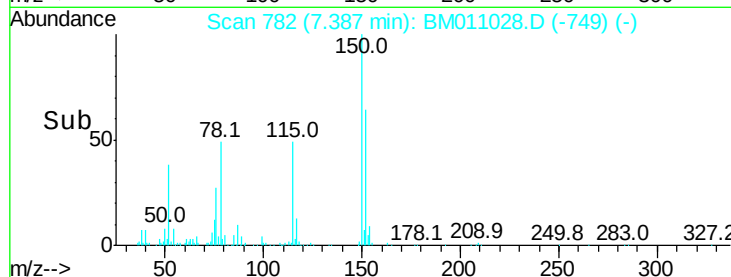
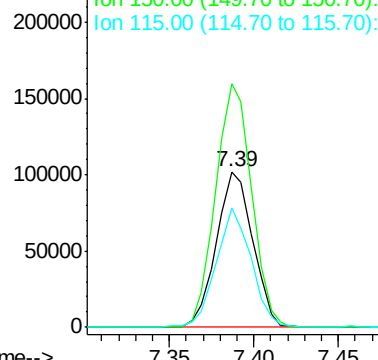
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.4	119.5	179.3
115	76.5	43.0	64.4

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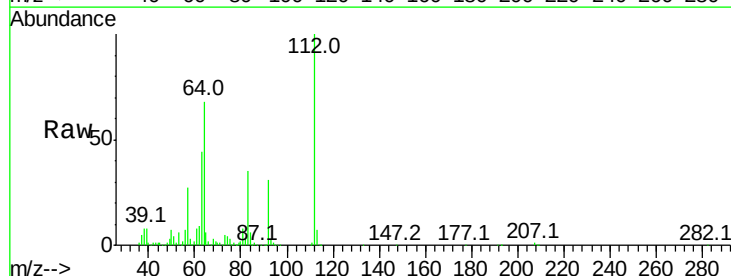
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



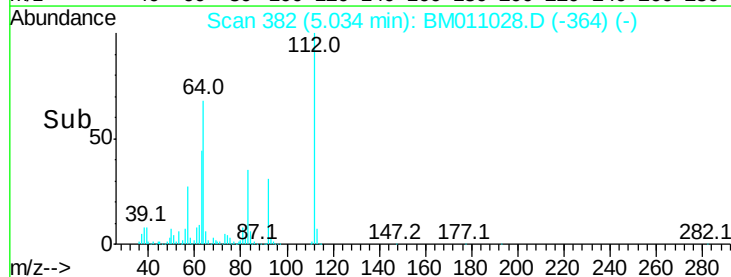
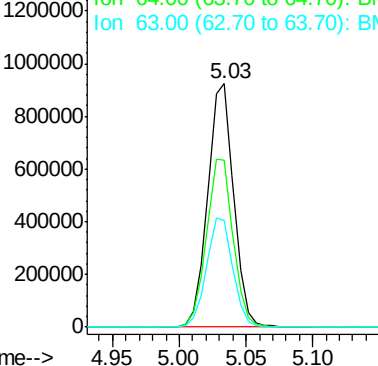
#5

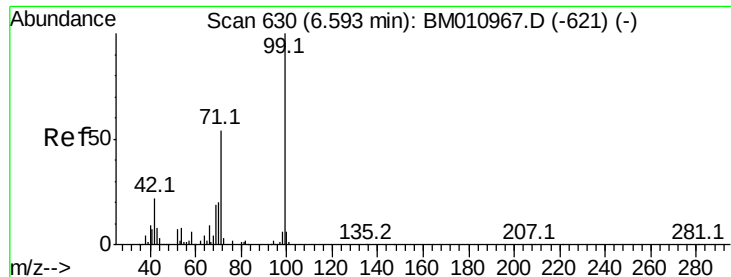
2-Fluorophenol
Concen: 137.662 ng
RT: 5.03 min Scan# 382
Delta R.T. 0.01 min
Lab File: BM011028.D
Acq: 28 Jul 2017 01:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.4	38.6	57.8
63	43.6	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: 55.040 ng

RT: 6.59 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM011028.D

Acq: 28 Jul 2017 01:35

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-B

Tot Ion: 99 Resp: 711109

Ion Ratio Lower Upper

99 100

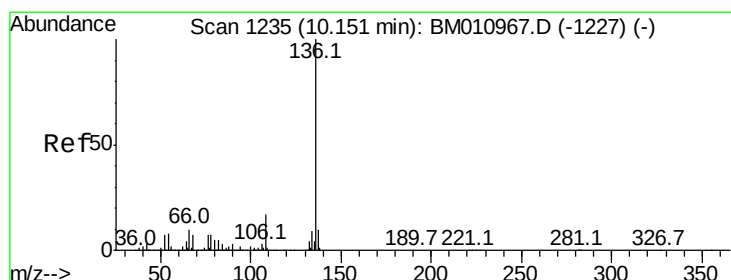
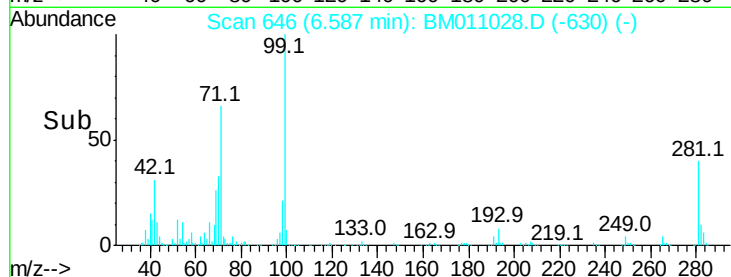
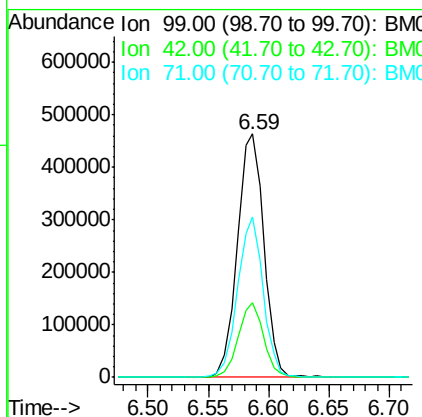
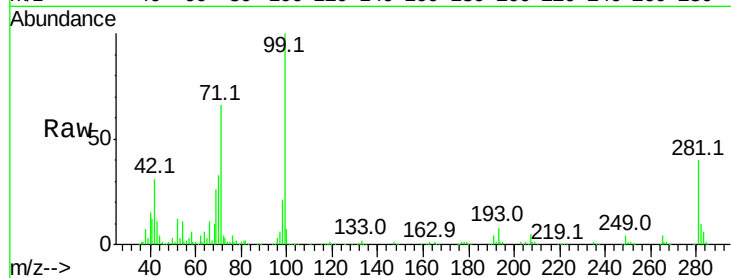
42 30.7 11.0 16.4#

71 65.7 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.15 min Scan# 1251

Delta R.T. -0.01 min

Lab File: BM011028.D

Acq: 28 Jul 2017 01:35

Tgt Ion: 136 Resp: 520181

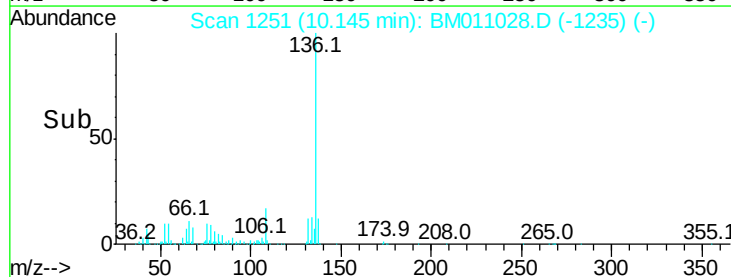
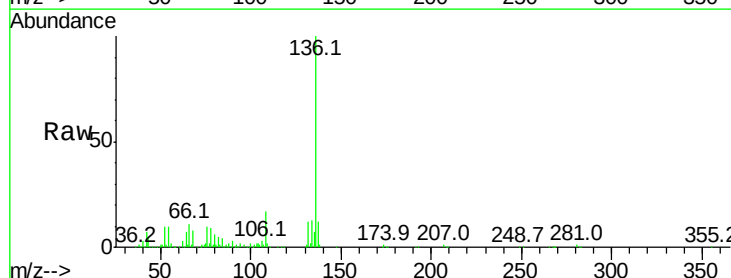
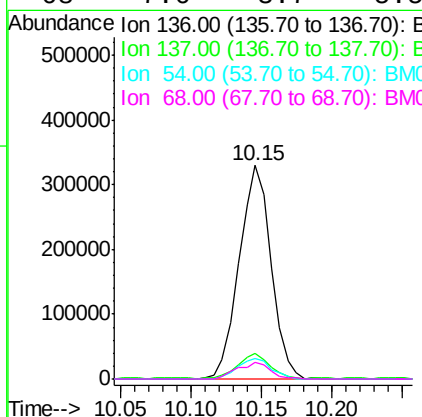
Ion Ratio Lower Upper

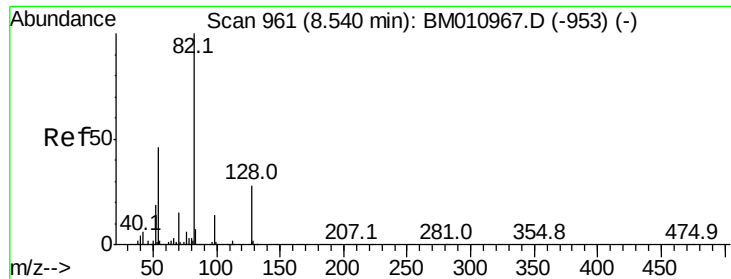
136 100

137 12.3 8.7 13.1

54 9.7 4.6 6.8#

68 7.6 3.7 5.5#





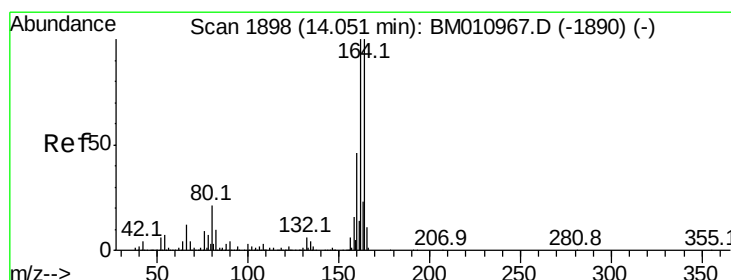
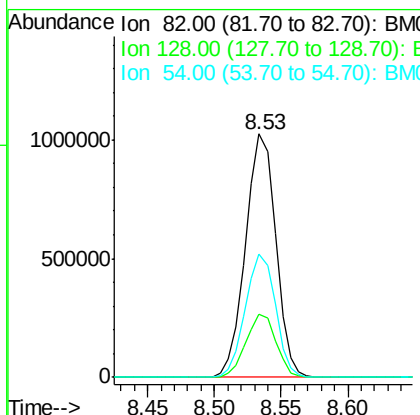
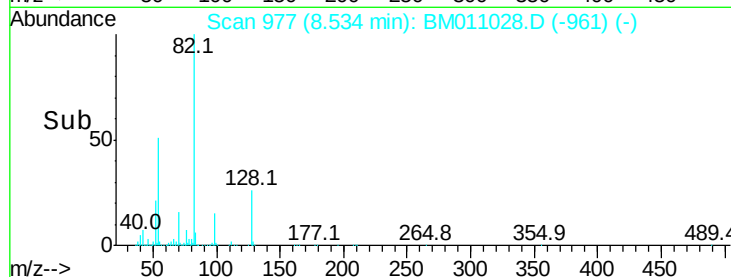
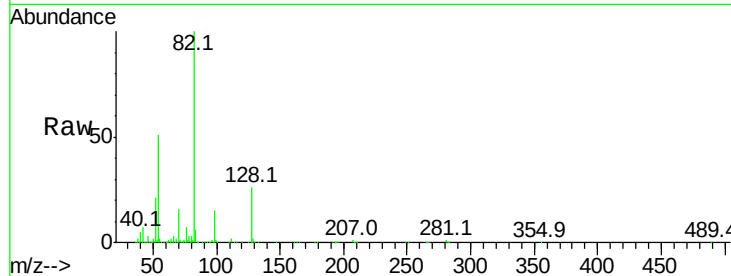
#23
 Nitrobenzene-d5
 Concen: 116.061 ng
 RT: 8.53 min Scan# 977
 Delta R.T. -0.01 min
 Lab File: BM011028.D
 Acq: 28 Jul 2017 01:35

Instrument :
 BNA_M
 ClientSampleId :
 EO-02-072517-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	26.1	32.8	49.2#
54	50.9	40.6	60.8

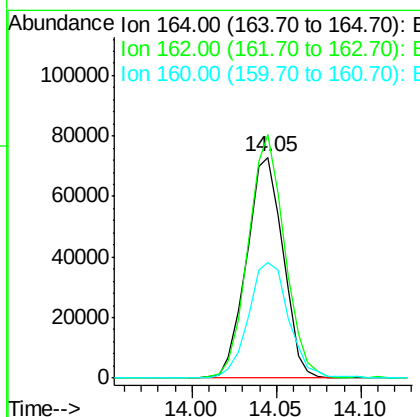
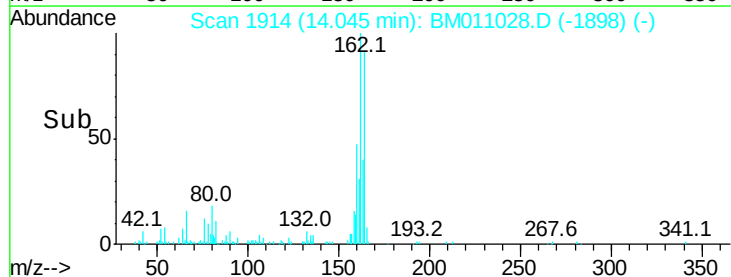
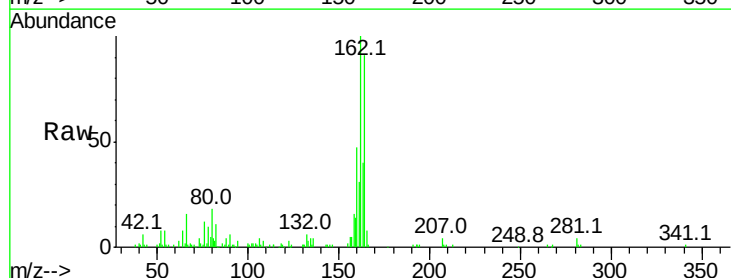
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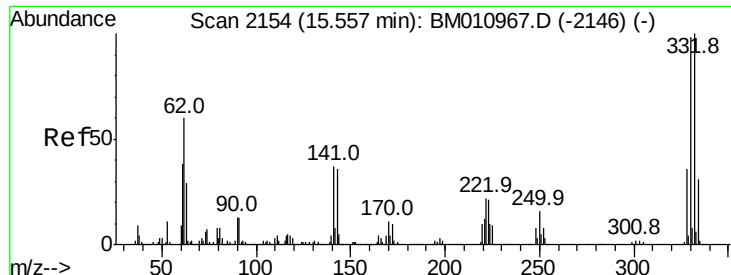
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.05 min Scan# 1914
 Delta R.T. -0.01 min
 Lab File: BM011028.D
 Acq: 28 Jul 2017 01:35

Tgt Ion	Ratio	Lower	Upper
164	100		
162	110.4	82.4	123.6
160	52.3	35.8	53.6





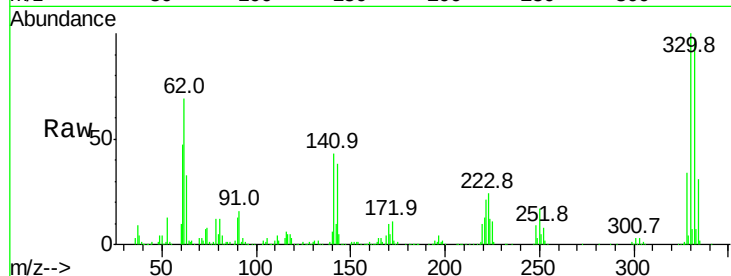
#41
 2,4,6-Tribromophenol
 Concen: 444.404 ng
 RT: 15.55 min Scan# 2170
 Delta R.T. -0.01 min
 Lab File: BM011028.D
 Acq: 28 Jul 2017 01:35

Instrument :
 BNA_M
 ClientSampled :
 EO-02-072517-B

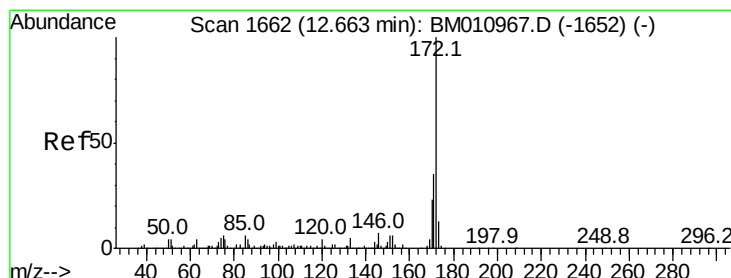
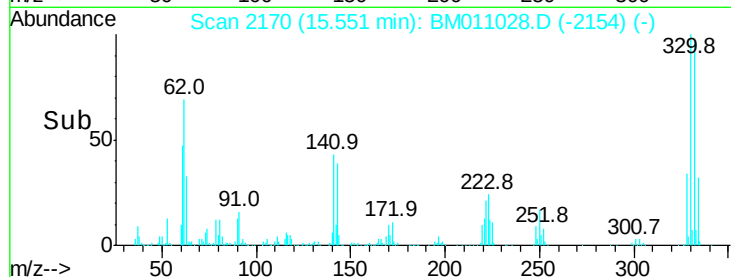
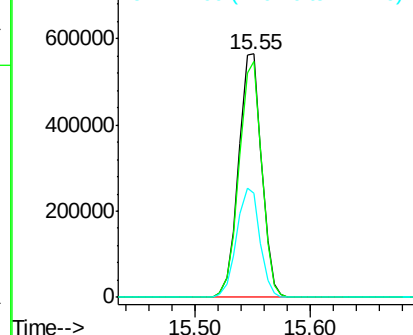
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.3	0.0	0.0	
141	45.4	0.0	0.0	

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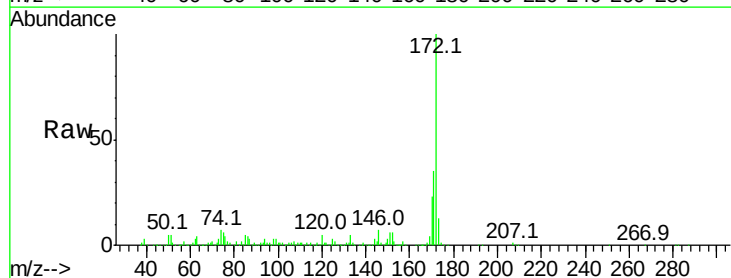


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

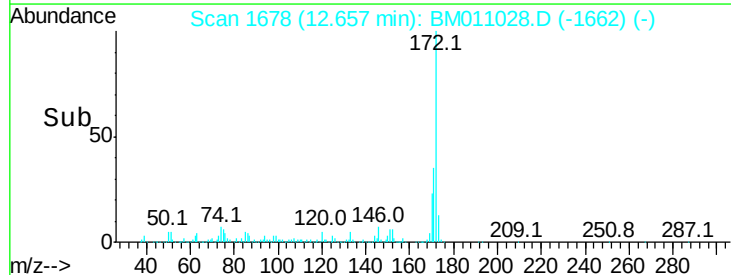
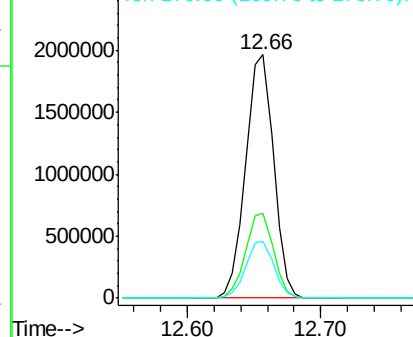


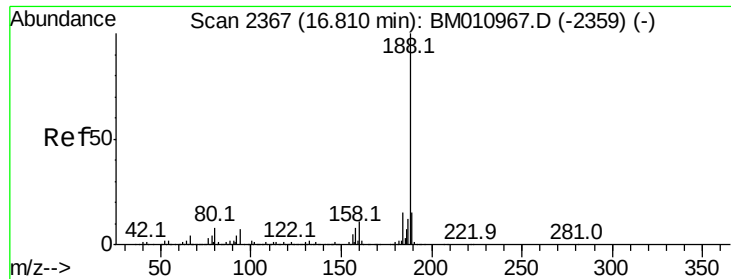
#44
 2-Fluorobiphenyl
 Concen: 323.551 ng
 RT: 12.66 min Scan# 1678
 Delta R.T. -0.01 min
 Lab File: BM011028.D
 Acq: 28 Jul 2017 01:35

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	28.5	42.7	
170	23.4	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: 16.80 min Scan# 2382

Delta R.T. -0.01 min

Lab File: BM011028.D

Acq: 28 Jul 2017 01:35

Instrument :

BNA_M

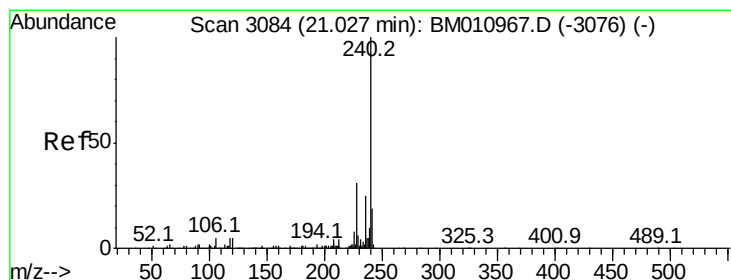
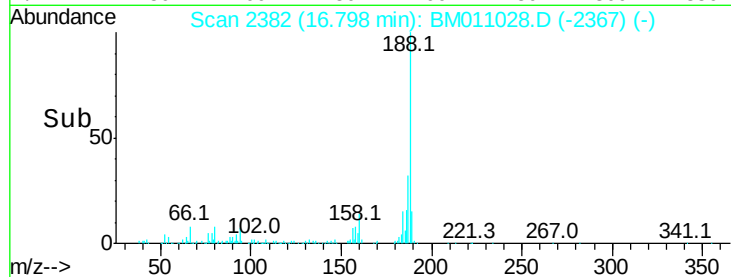
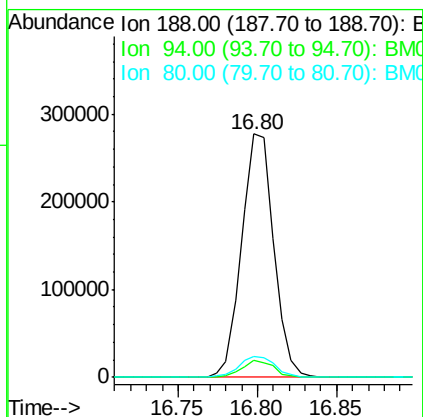
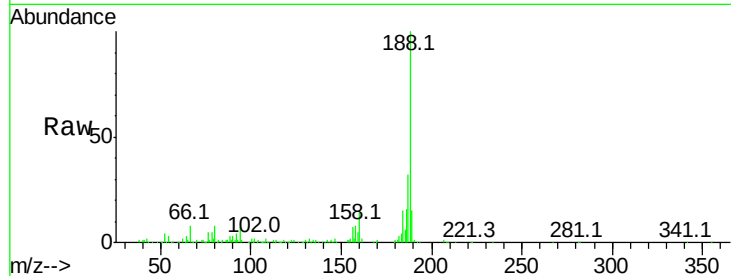
ClientSampleId :

EO-02-072517-B

Tot Ion:	188	Resp:	389758
Ion Ratio	Lower	Upper	
188	100		
94	8.0	8.7	13.1#
80	8.4	9.3	13.9#

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#75

Chrysene-d12

Concen: 20.000 ng

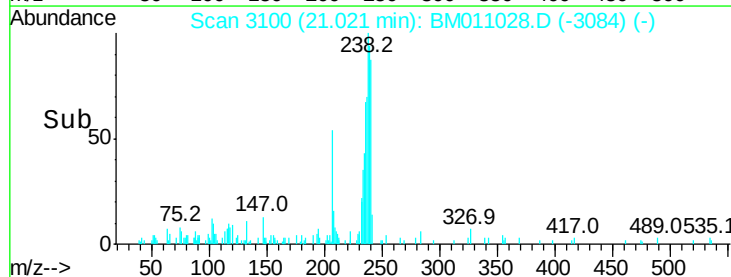
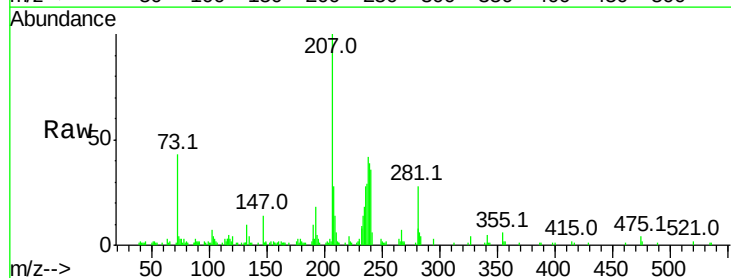
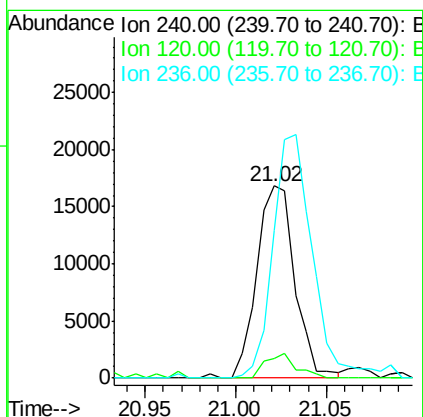
RT: 21.02 min Scan# 3100

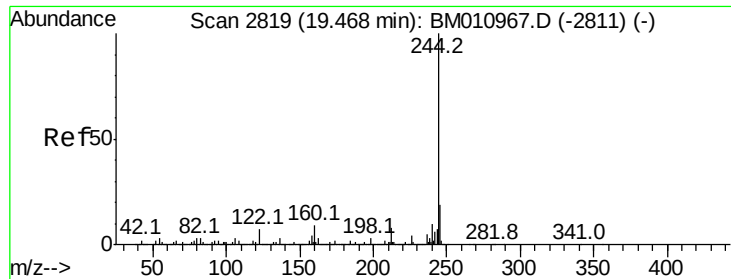
Delta R.T. -0.01 min

Lab File: BM011028.D

Acq: 28 Jul 2017 01:35

Tgt Ion:	240	Resp:	24514
Ion Ratio	Lower	Upper	
240	100		
120	10.1	8.2	12.2
236	76.8	20.0	30.0#





#78

Terphenyl-d14

Concen: 1166.407 ng

RT: 19.46 min Scan# 2835

Delta R.T. -0.01 min

Lab File: BM011028.D

Acq: 28 Jul 2017 01:35

Instrument :

BNA_M

ClientSampleId :

EO-02-072517-B

Tot Ion:244 Resp: 1443471

Ion Ratio Lower Upper

244 100

212 9.3 4.9 7.3#

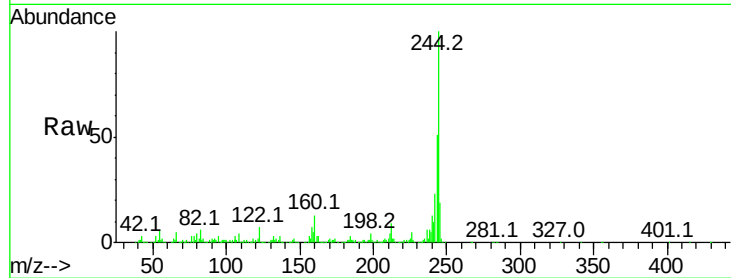
122 6.7 6.2 9.4

Manual Integrations

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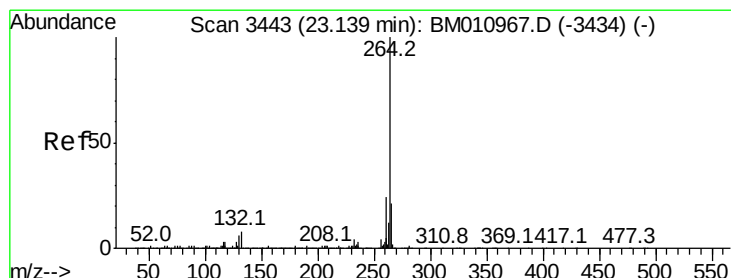
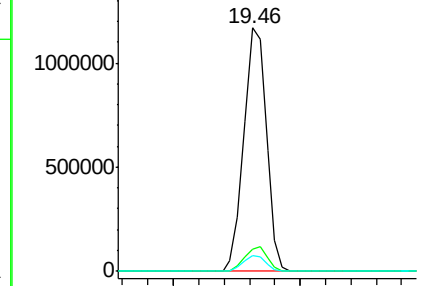
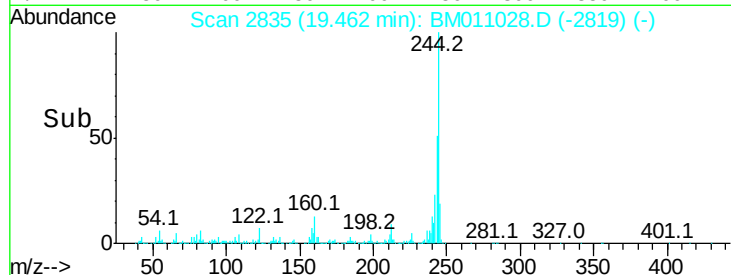
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.15 min Scan# 3462

Delta R.T. 0.01 min

Lab File: BM011028.D

Acq: 28 Jul 2017 01:35

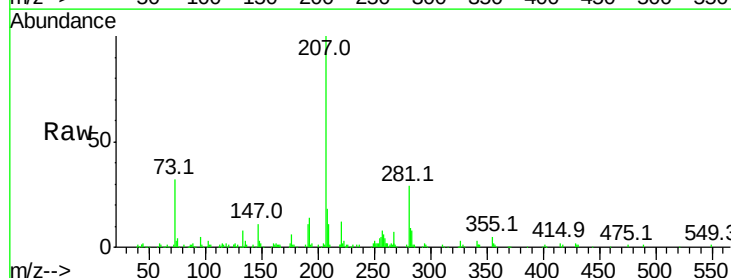
Tgt Ion:264 Resp: 635

Ion Ratio Lower Upper

264 100

260 379.3 18.6 27.8#

265 418.8 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

