

Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
 Data File : BM011164.D
 Acq On : 07 Aug 2017 22:19
 Operator : SJ/JU
 Sample : I4610-15
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-E

Manual Integrations
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Sohil
 8/10/2017 6:13:00 PM

Quant Time: Aug 08 02:27:42 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	7.31	152	147597	20.00	ng	-0.08
21) Naphthalene-d8	10.07	136	517637	20.00	ng	-0.08
38) Acenaphthene-d10	13.98	164	393177	20.00	ng	-0.07
63) Phenanthrene-d10	16.74	188	1025114	20.00	ng	-0.07
75) Chrysene-d12	20.96	240	1450410	20.00	ng	-0.06
86) Perylene-d12	23.05	264	1431507	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	4.96	112	1423089	162.99	ng	-0.07
7) Phenol-d6	6.52	99	1814575	146.27	ng	-0.07
23) Nitrobenzene-d5	8.46	82	1796653	130.27	ng	-0.08
41) 2,4,6-Tribromophenol	15.49	330	1090500	173.05	ng	-0.07
44) 2-Fluorobiphenyl	12.59	172	3244687	103.50	ng	-0.08
78) Terphenyl-d14	19.41	244	7383026	100.83	ng	-0.06
Target Compounds						
76) Benzidine	19.03	184	363393m	10.473	ng	Qvalue

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

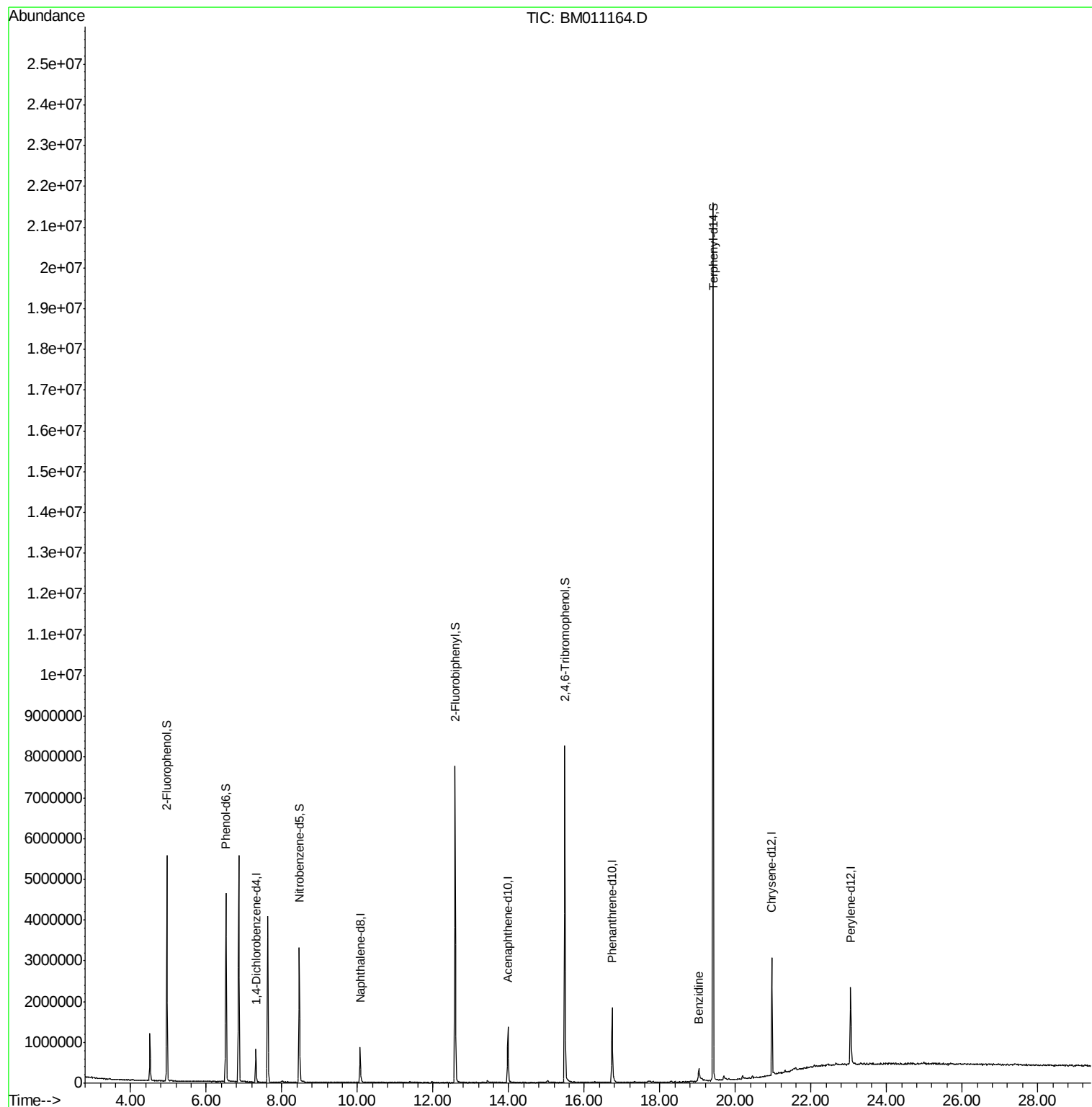
Data Path : Z:\HPCHEM1\BNA M\DATA\BM080717\
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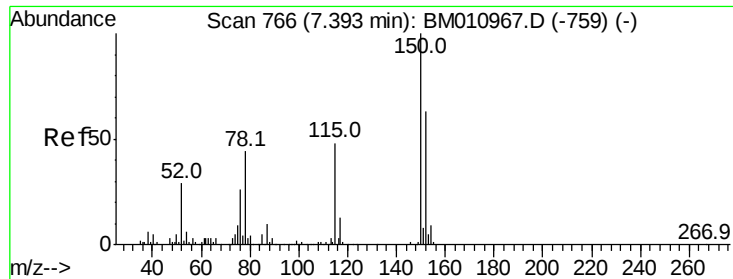
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#1

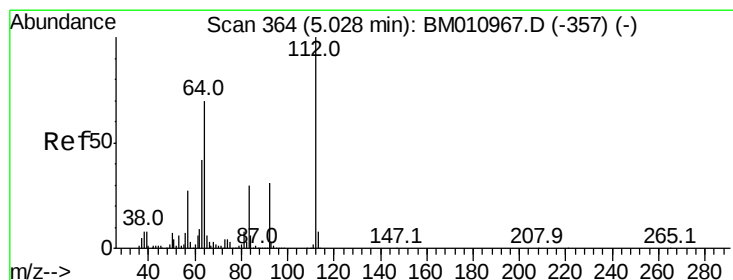
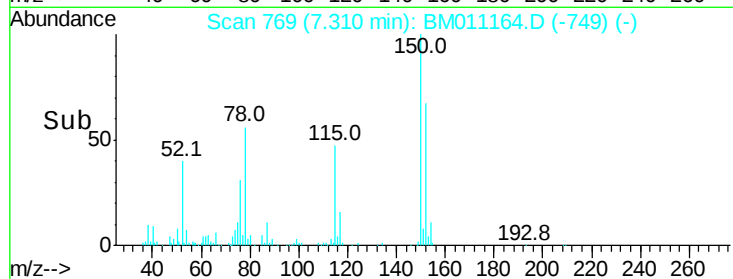
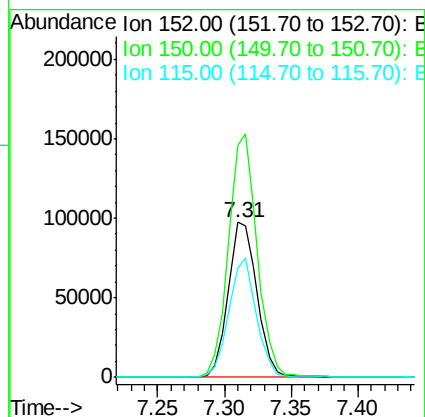
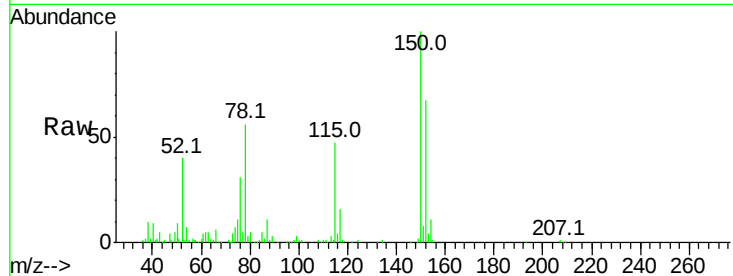
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.31 min Scan# 769
Delta R.T. -0.08 min
Lab File: BM011164.D
Acq: 07 Aug 2017 22:19

Instrument :
BNA_M
ClientSampleId :
PL-02-080317-E

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.4	119.5	179.3
115	70.0	43.0	64.4#

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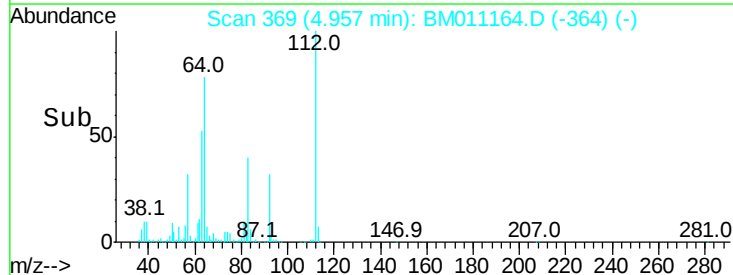
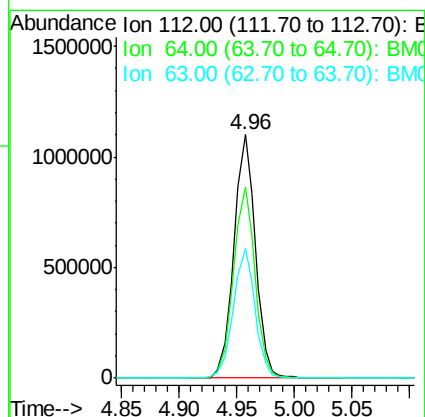
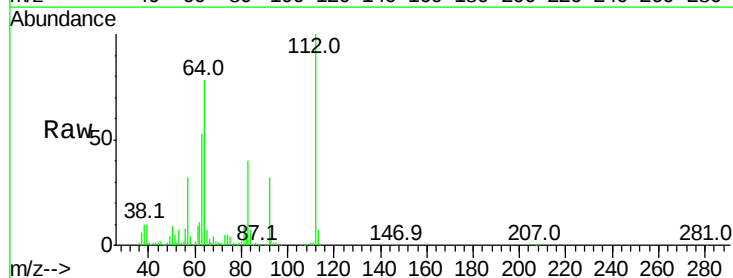
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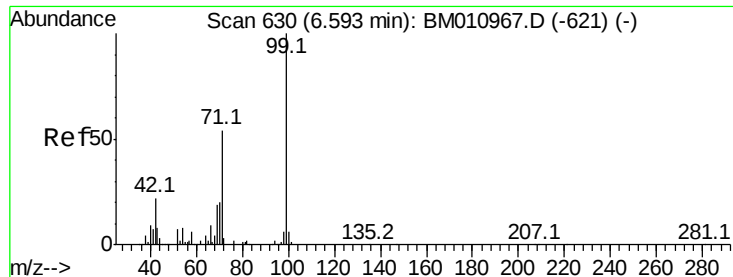


#5

2-Fluorophenol
Concen: 162.987 ng
RT: 4.96 min Scan# 369
Delta R.T. -0.07 min
Lab File: BM011164.D
Acq: 07 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.4	38.6	57.8#
63	53.2	19.3	28.9#





#7

Phenol-d6

Concen: 146.271 ng

RT: 6.52 min Scan# 635

Delta R.T. -0.07 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Instrument :

BNA_M

ClientSampleId :

PL-02-080317-E

Tot Ion: 99 Resp: 1814575

Ion Ratio Lower Upper

99 100

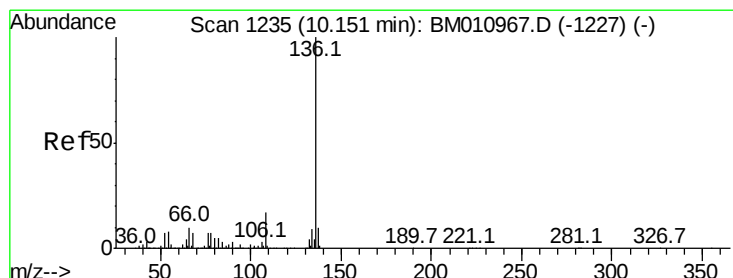
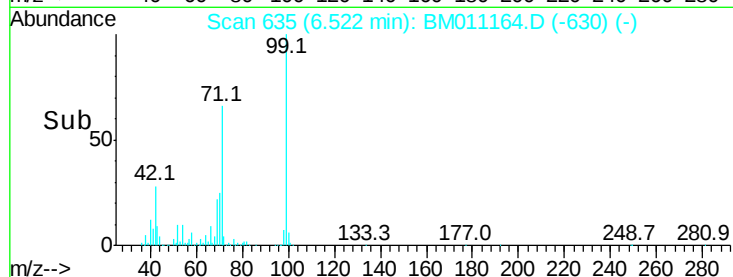
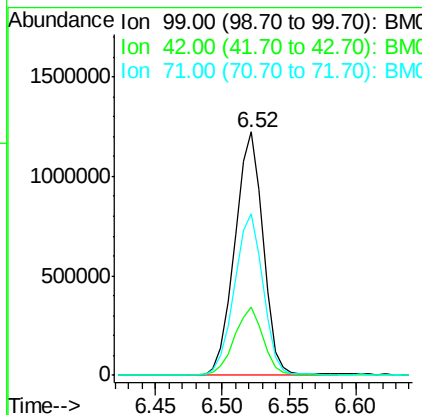
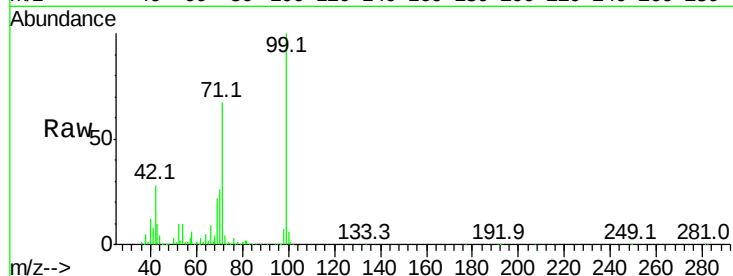
42 28.0 11.0 16.4#

71 66.5 23.4 35.2#

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.07 min Scan# 1238

Delta R.T. -0.08 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Tgt Ion: 136 Resp: 517637

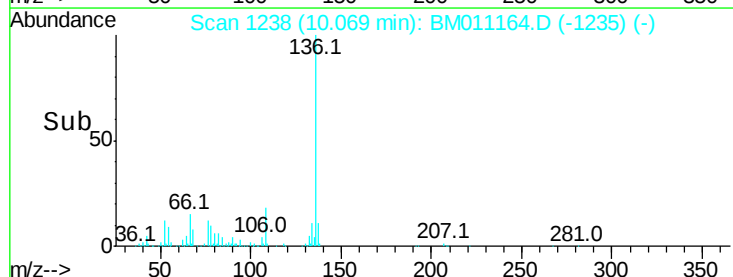
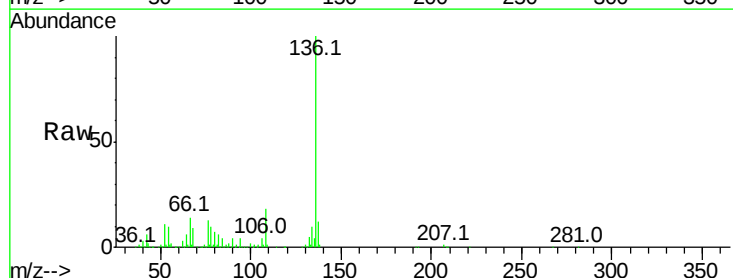
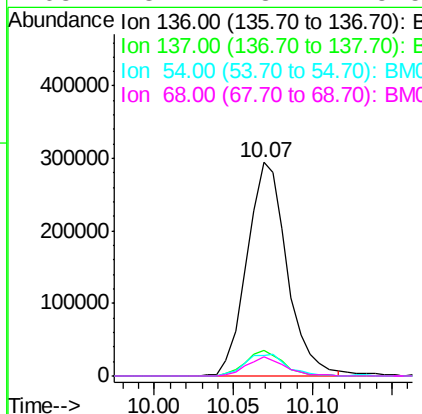
Ion Ratio Lower Upper

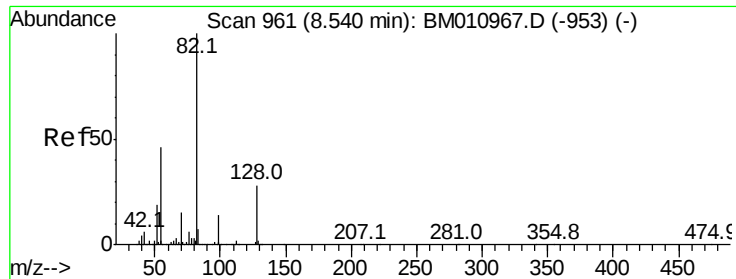
136 100

137 12.0 8.7 13.1

54 9.9 4.6 6.8#

68 8.7 3.7 5.5#





#23

Nitrobenzene-d5

Concen: 130.268 ng

RT: 8.46 min Scan# 965

Delta R.T. -0.08 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Instrument :

BNA_M

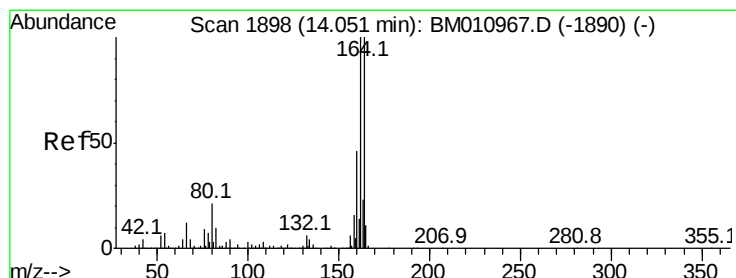
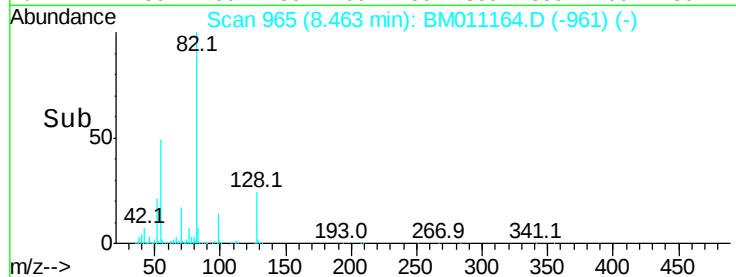
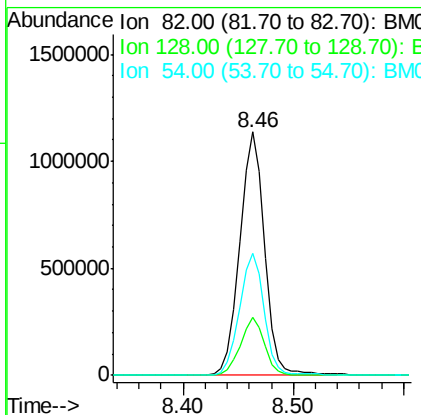
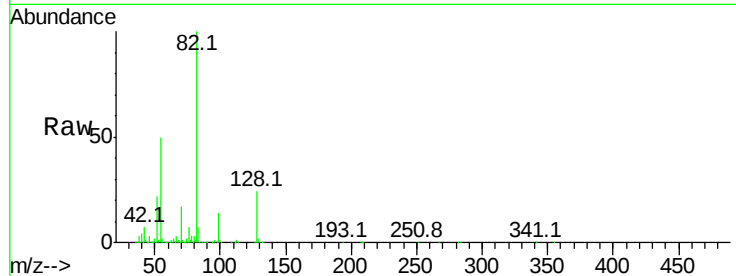
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
82	100		
128	23.8	32.8	49.2#
54	50.2	40.6	60.8

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#38

Acenaphthene-d10

Concen: 20.000 ng

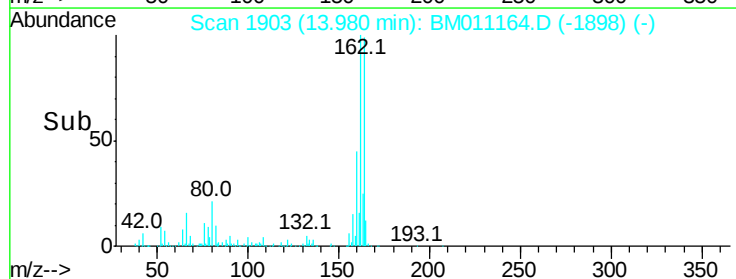
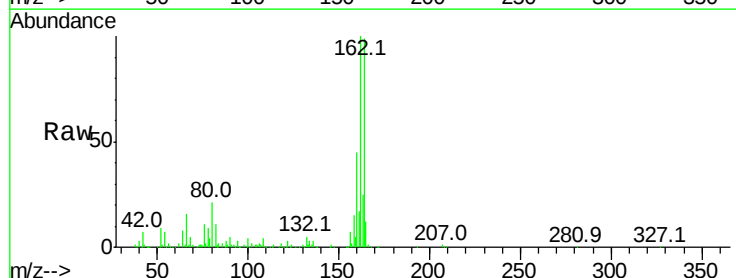
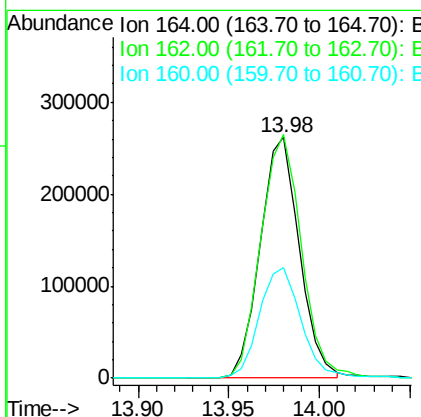
RT: 13.98 min Scan# 1903

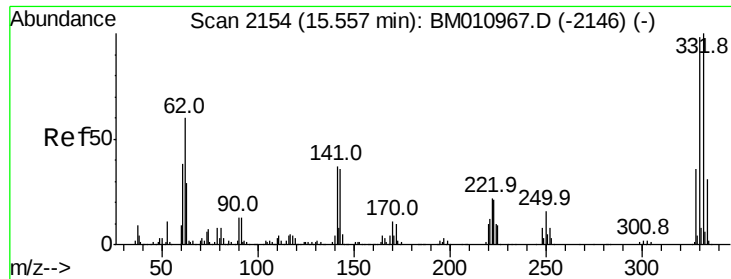
Delta R.T. -0.07 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.1	82.4	123.6
160	45.7	35.8	53.6





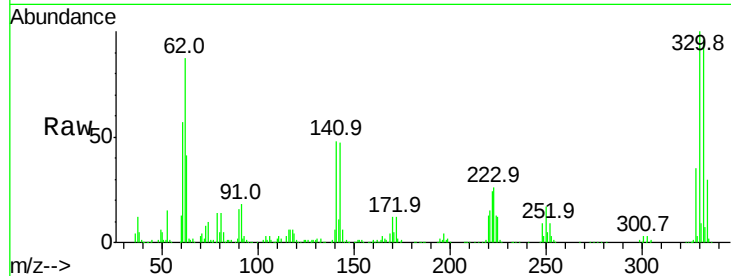
#41
 2,4,6-Tribromophenol
 Concen: 173.046 ng
 RT: 15.49 min Scan# 2159
 Delta R.T. -0.07 min
 Lab File: BM011164.D
 Acq: 07 Aug 2017 22:19

Instrument :
 BNA_M
 ClientSampleId :
 PL-02-080317-E

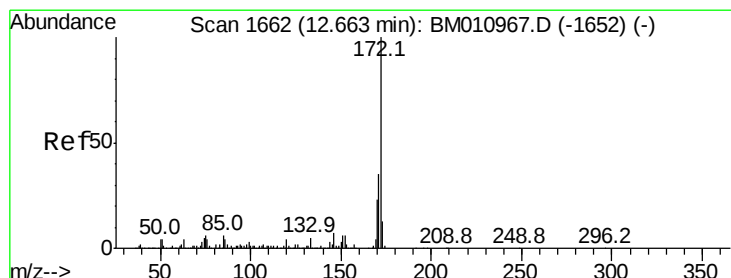
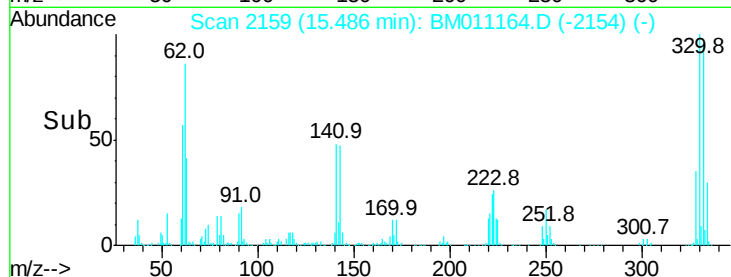
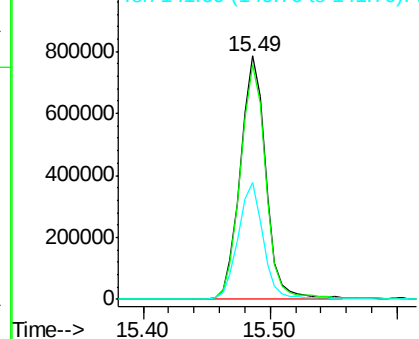
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.2	0.0	0.0	0.0
141	47.3	0.0	0.0	0.0

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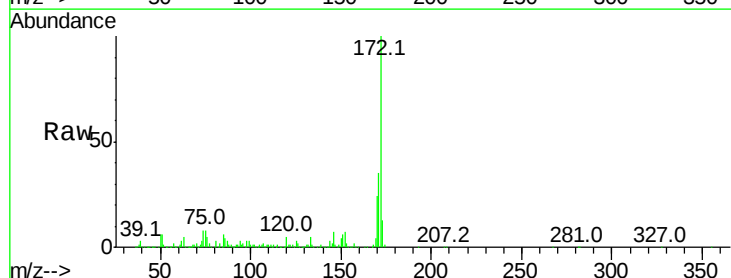


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

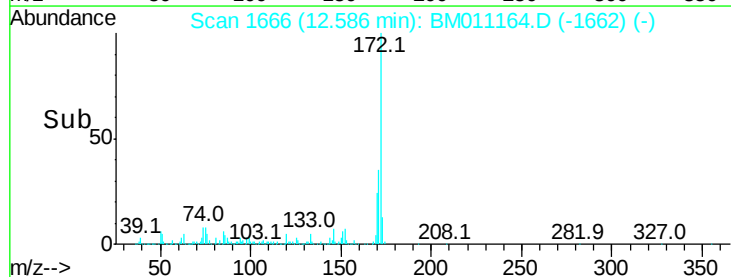
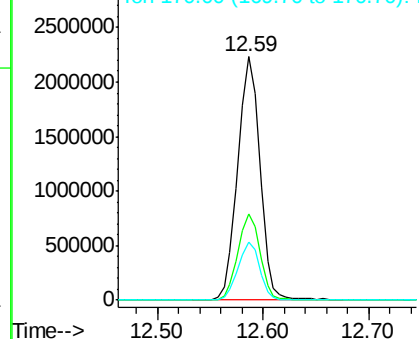


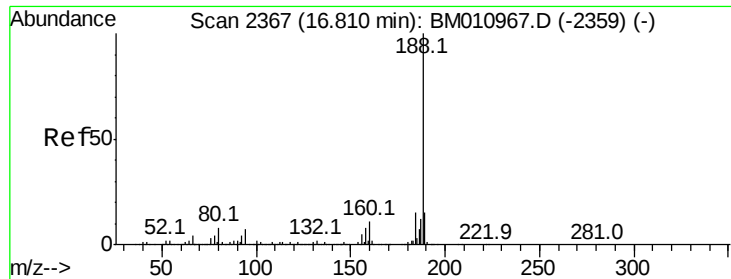
#44
 2-Fluorobiphenyl
 Concen: 103.497 ng
 RT: 12.59 min Scan# 1666
 Delta R.T. -0.08 min
 Lab File: BM011164.D
 Acq: 07 Aug 2017 22:19

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.2	28.5	42.7	
170	23.6	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

RT: 16.74 min Scan# 2372

Delta R.T. -0.07 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Instrument :

BNA_M

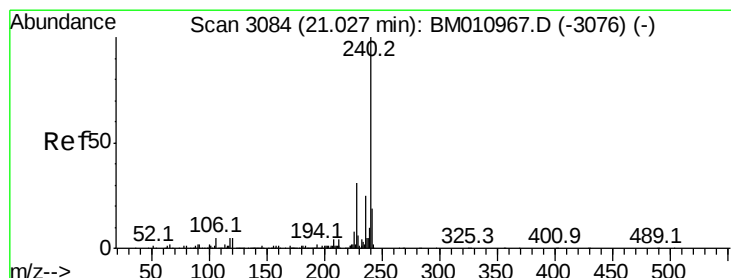
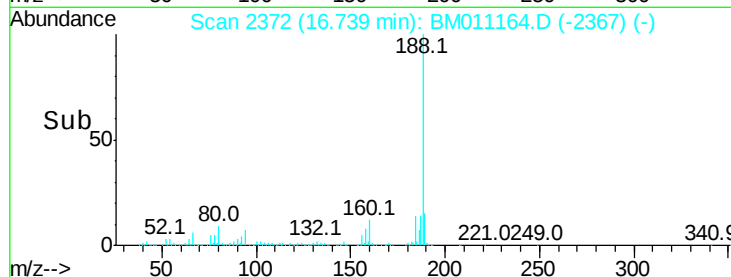
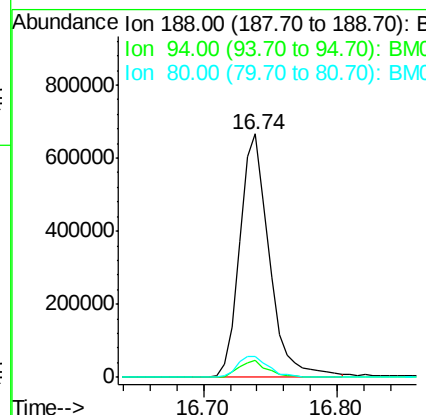
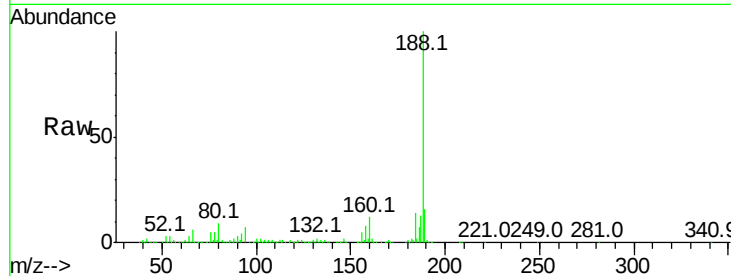
ClientSampleId :

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Tot Ion:188	Resp: 1025114
Ion Ratio	Lower Upper
188 100	
94 7.3	8.7 13.1#
80 8.8	9.3 13.9#

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#75

Chrysene-d12

Concen: 20.000 ng

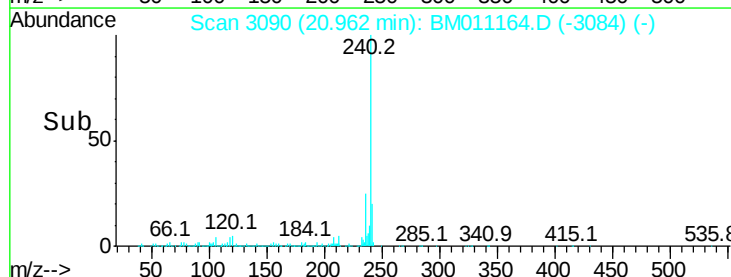
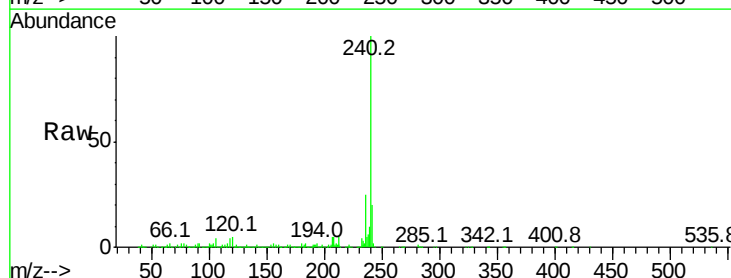
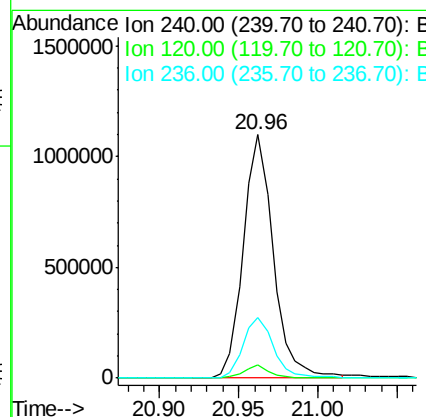
RT: 20.96 min Scan# 3090

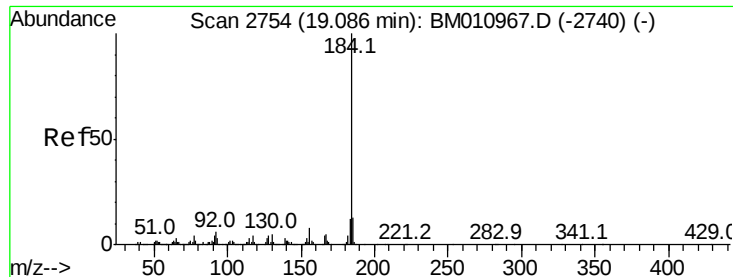
Delta R.T. -0.06 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Tgt Ion:240	Resp: 1450410
Ion Ratio	Lower Upper
240 100	
120 5.3	8.2 12.2#
236 24.9	20.0 30.0





#76

Benzidine

Concen: 10.473 ng/mL

RT: 19.03 min Scan# 2762

Delta R.T. -0.05 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Instrument :

BNA_M

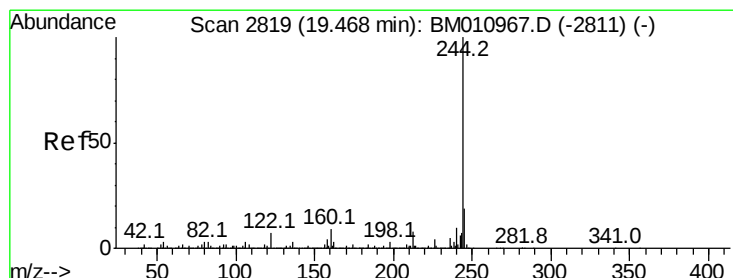
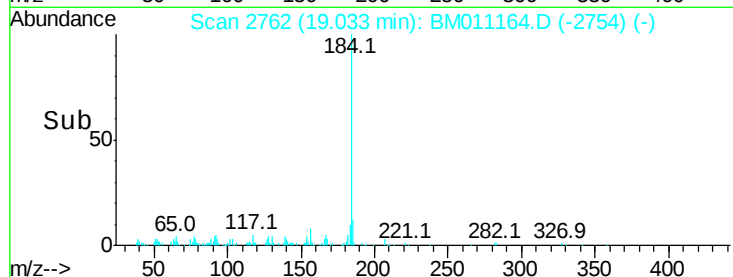
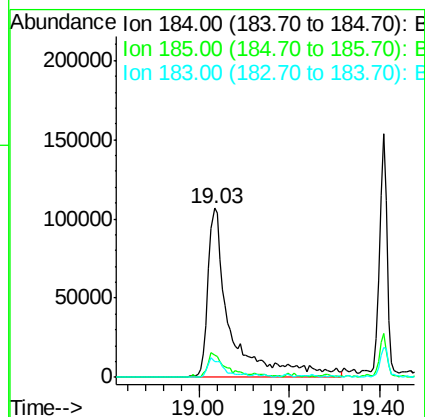
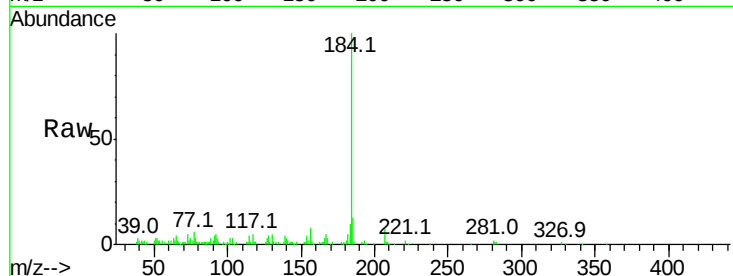
ClientSampleId :

PL-02-080317-E

Tot Ion:	184	Resp:	363393
Ion Ratio	Lower	Upper	
184	100		
185	13.3	11.3	16.9
183	9.6	8.9	13.3

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#78

Terphenyl-d14

Concen: 100.832 ng/mL

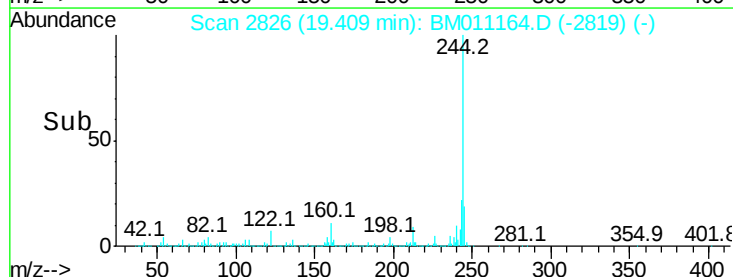
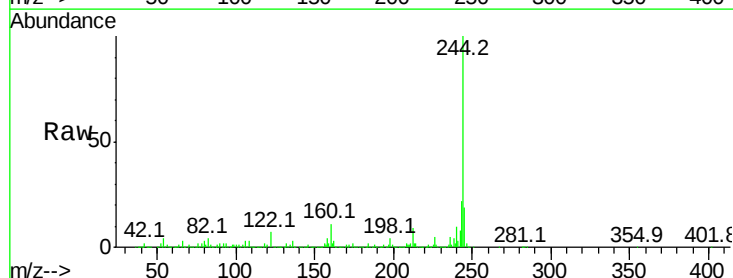
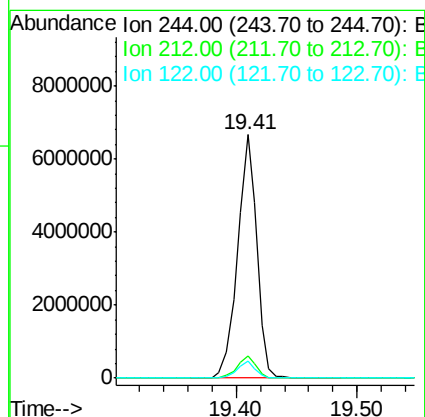
RT: 19.41 min Scan# 2826

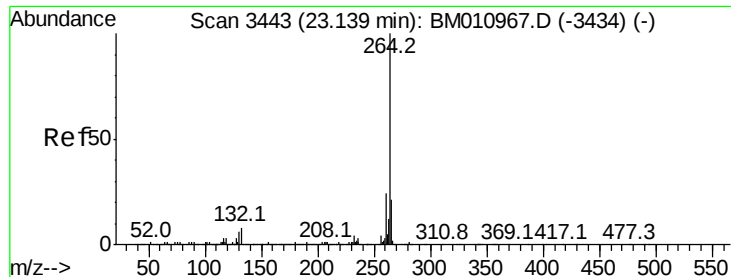
Delta R.T. -0.06 min

Lab File: BM011164.D

Acq: 07 Aug 2017 22:19

Tgt Ion:	244	Resp:	7383026
Ion Ratio	Lower	Upper	
244	100		
212	9.0	4.9	7.3#
122	6.8	6.2	9.4





#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 23.05 min Scan# 3445
 Delta R.T. -0.09 min
 Lab File: BM011164.D
 Acq: 07 Aug 2017 22:19

Instrument :
 BNA_M
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Tot Ion:	264	Resp:	1431507
Ion Ratio	Lower	Upper	
264	100		
260	23.0	18.6	27.8
265	21.2	17.3	25.9

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