

Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
 Data File : BM011405.D
 Acq On : 01 Sep 2017 11:24
 Operator : SJ/JU
 Sample : I5024-06
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082917-B

Manual Integrations
 APPROVED

Sohil
 9/1/2017 5:35:22 PM

Quant Time: Sep 01 13:18:04 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM083117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 31 18:39:59 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	426176	20.00	ng	0.00
21) Naphthalene-d8	10.79	136	1859787	20.00	ng	-0.01
38) Acenaphthene-d10	14.62	164	1044570	20.00	ng	-0.01
63) Phenanthrene-d10	17.36	188	2407837	20.00	ng	0.00
75) Chrysene-d12	21.52	240	3336584	20.00	ng	-0.02
86) Perylene-d12	23.90	264	3210896	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	3999386	157.96	ng	0.00
7) Phenol-d6	7.14	99	5001804	142.47	ng	0.00
23) Nitrobenzene-d5	9.15	82	2904090	102.90	ng	0.00
41) 2,4,6-Tribromophenol	16.10	330	1911241	158.15	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	7121446	98.27	ng	0.00
78) Terphenyl-d14	19.97	244	10748408	79.93	ng	0.00
Target Compounds						
6) Aniline	7.32	93	155060	3.252	ng	Qvalue 93
33) 4-Chloroaniline	10.96	127	139676m	3.180	ng	
76) Benzidine	19.59	184	25752346m	391.061	ng	

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

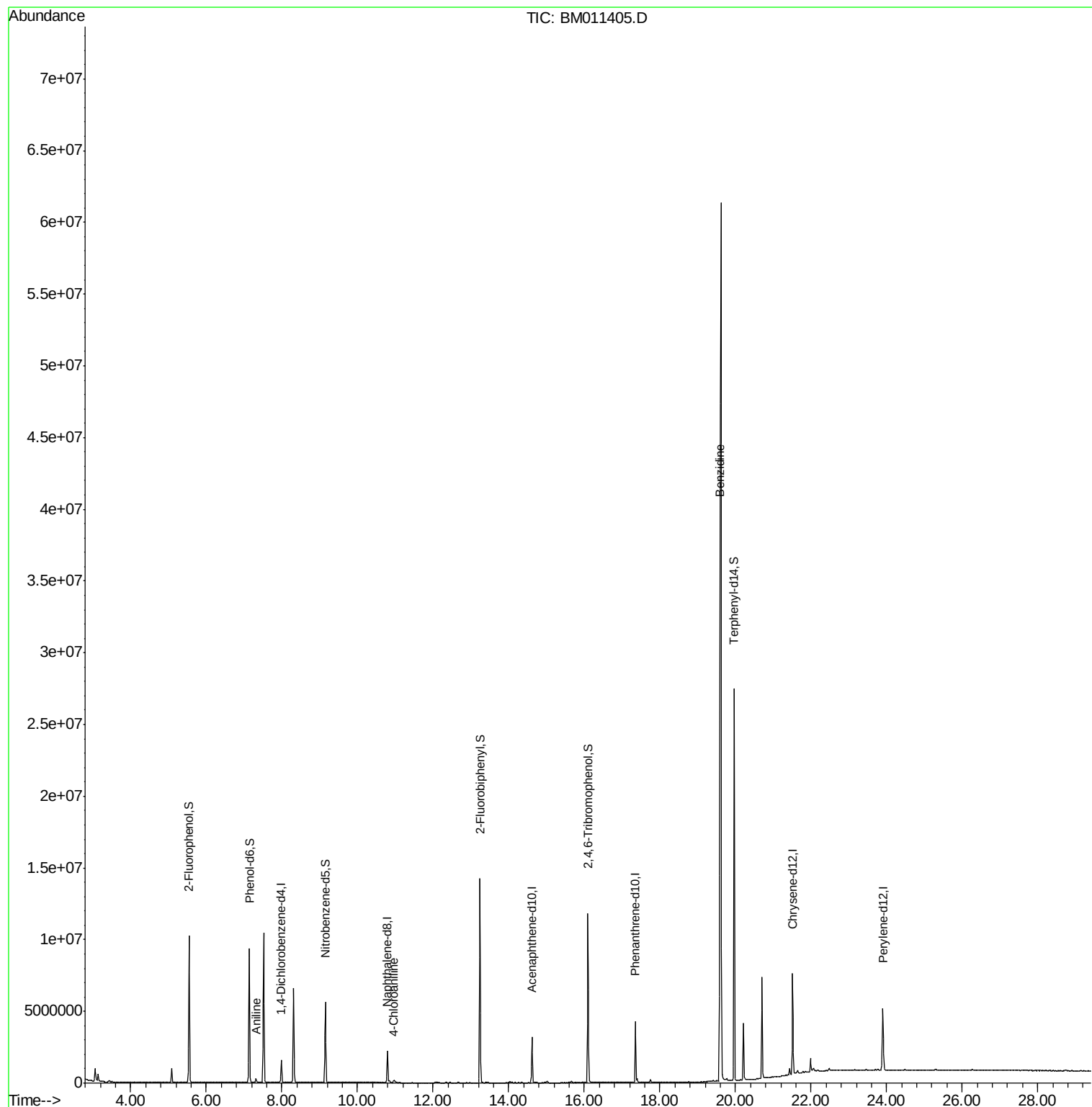
Data Path : Z:\HPCHEM1\BNA M\DATA\BM083117\
Data File : BM011405.D
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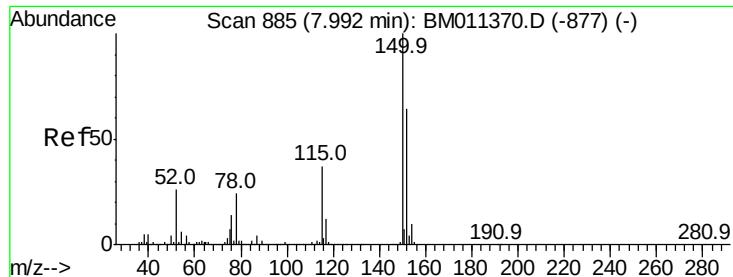
Instrument :
BNA_M
ClientSampleId :
CL-01-082917-B

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#1

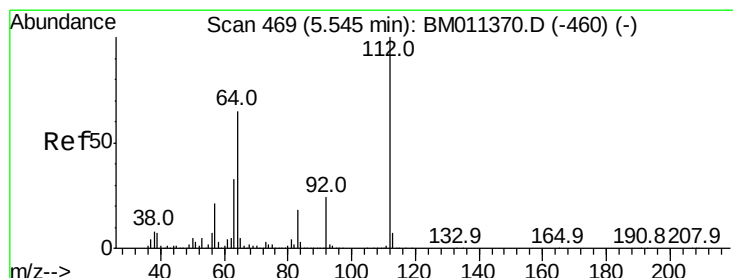
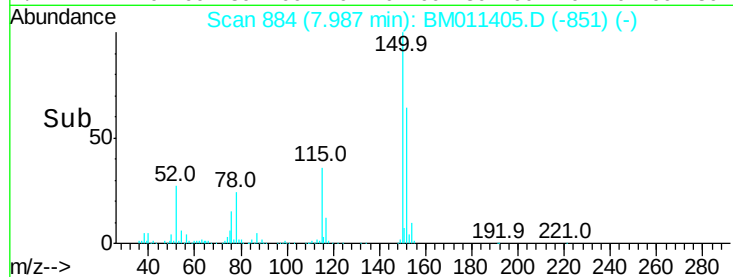
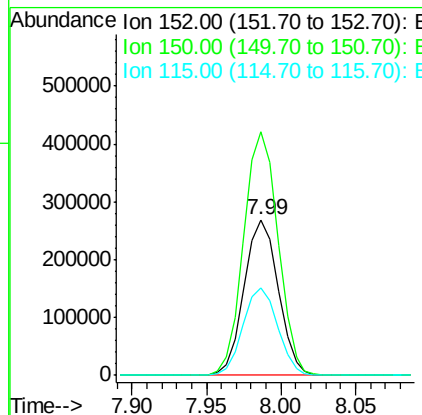
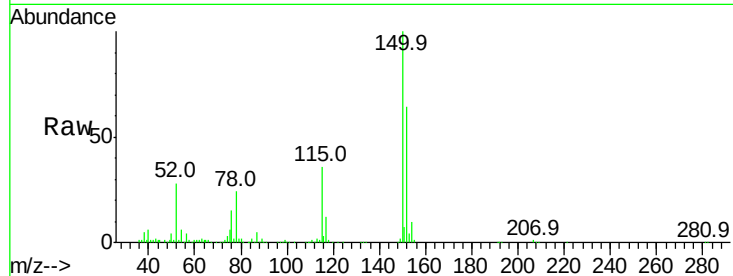
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.99 min Scan# 884
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Instrument :
BNA_M
ClientSampleId :
CL-01-082917-B

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.7	119.5	179.3
115	56.7	43.0	64.4

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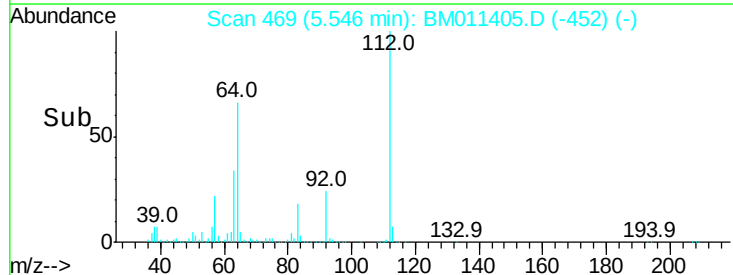
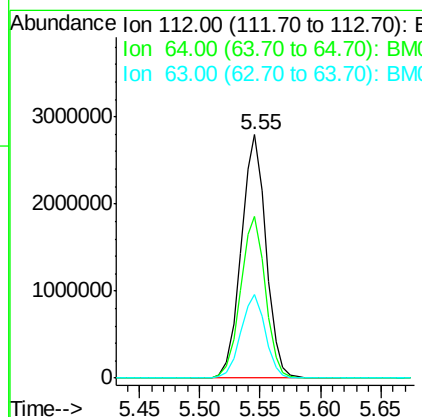
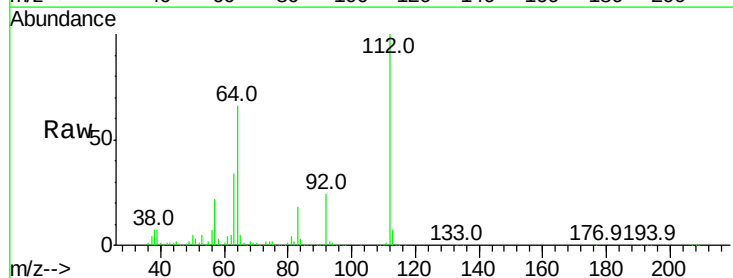
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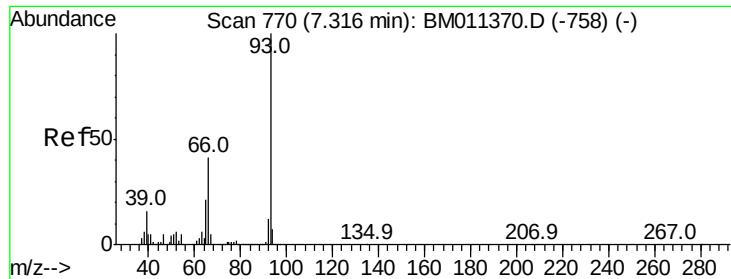


#5

2-Fluorophenol
Concen: 157.964 ng
RT: 5.55 min Scan# 469
Delta R.T. 0.00 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.3	38.6	57.8#
63	34.1	19.3	28.9#





#6

Aniline

Concen: 3.252 ng

RT: 7.32 min Scan# 770

Delta R.T. 0.00 min

Lab File: BM011405.D

Acq: 01 Sep 2017 11:24

Instrument :

BNA_M

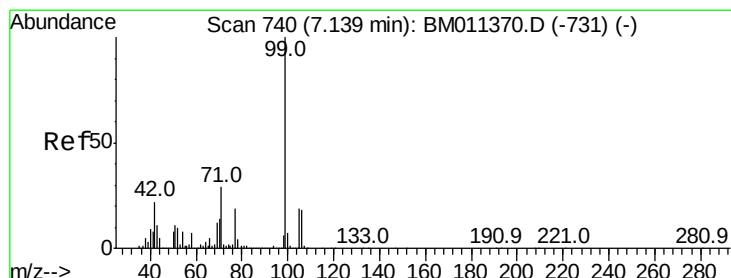
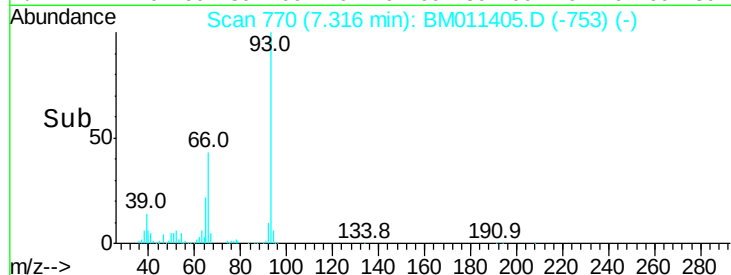
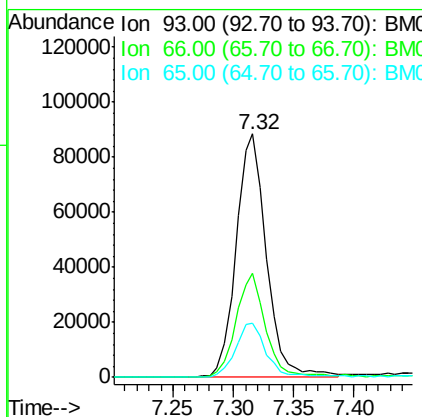
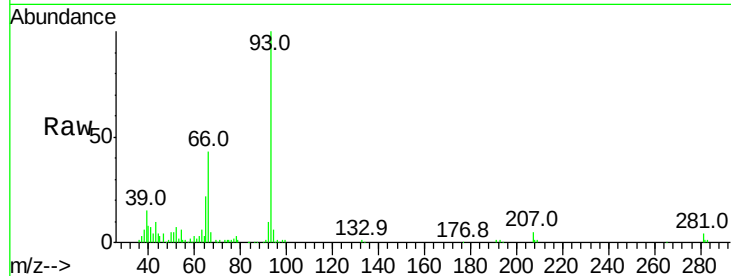
ClientSampleId :

CL-01-082917-B

Tot Ion	93	Resp	155060
Ion Ratio	Lower	Upper	
93	100		
66	42.9	30.8	46.2
65	22.5	16.0	24.0

Manual Integrations
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#7

Phenol-d6

Concen: 142.474 ng

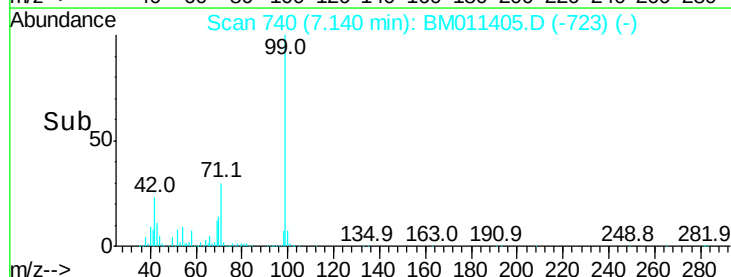
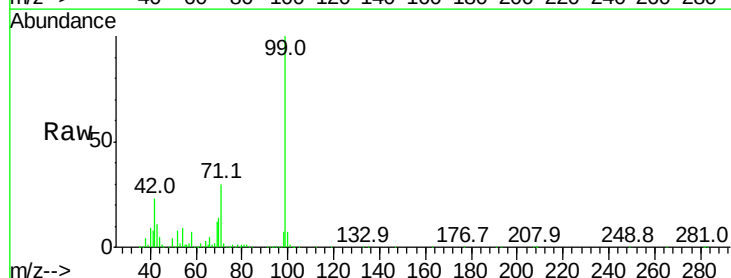
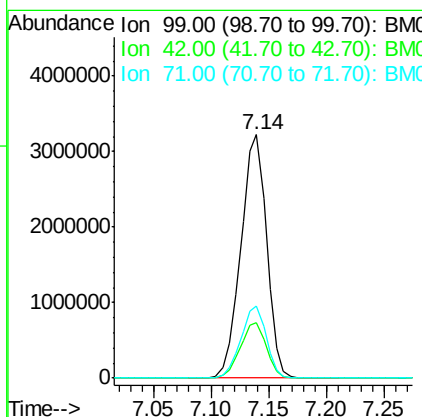
RT: 7.14 min Scan# 740

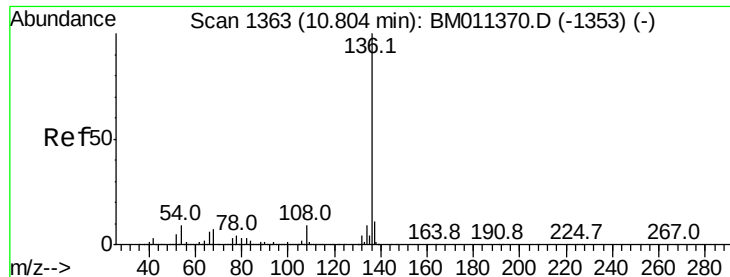
Delta R.T. 0.00 min

Lab File: BM011405.D

Acq: 01 Sep 2017 11:24

Tgt Ion	99	Resp	5001804
Ion Ratio	Lower	Upper	
99	100		
42	22.8	11.0	16.4#
71	29.7	23.4	35.2





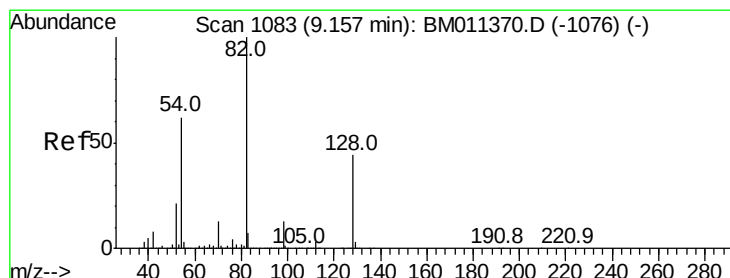
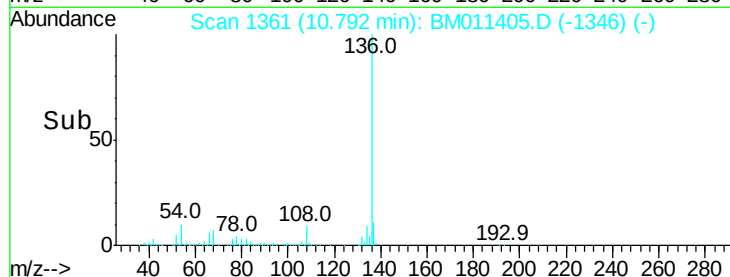
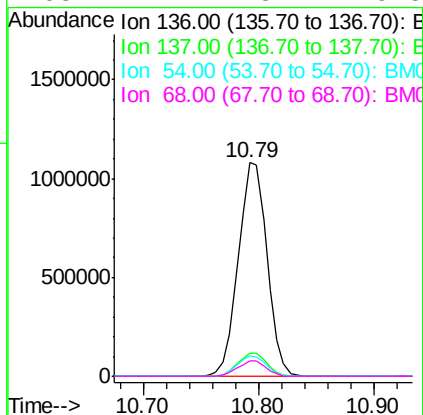
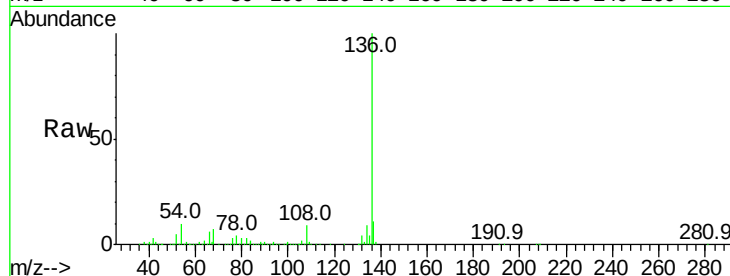
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.79 min Scan# 1361
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Instrument :
BNA_M
ClientSampleId :
CL-01-082917-B

Tot Ion	Ratio	Resp	Lower	Upper
136	100	1859787		
137	10.9		8.7	13.1
54	9.7		4.6	6.8#
68	7.2		3.7	5.5#

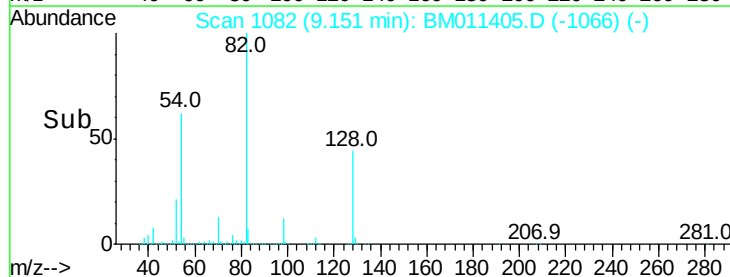
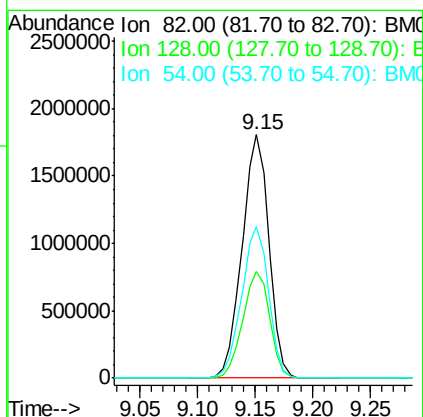
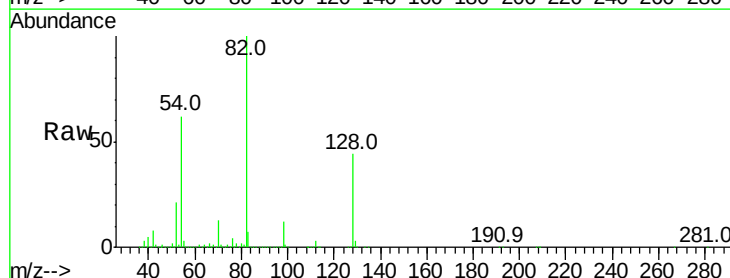
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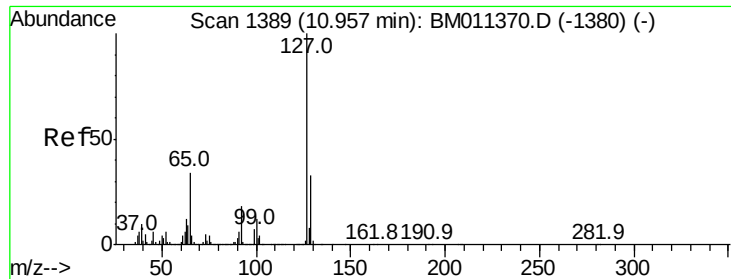
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#23
Nitrobenzene-d5
Concen: 102.901 ng
RT: 9.15 min Scan# 1082
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	2904090		
128	43.9		32.8	49.2
54	62.2		40.6	60.8#





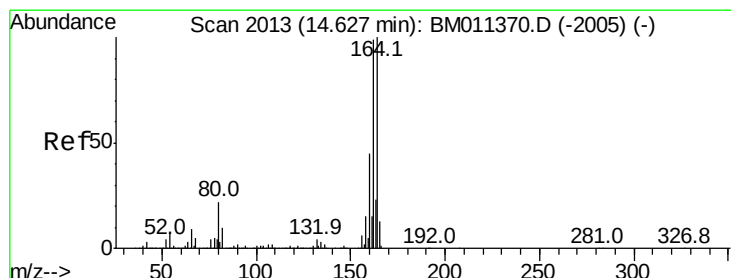
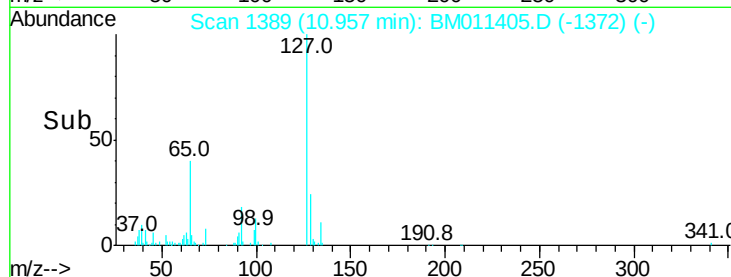
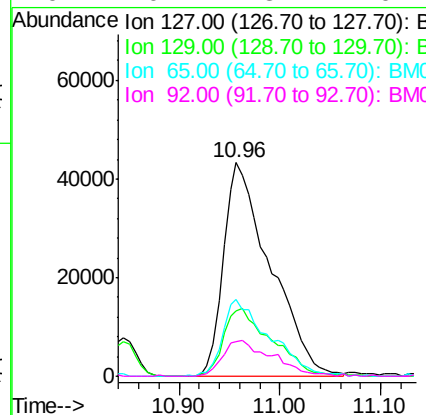
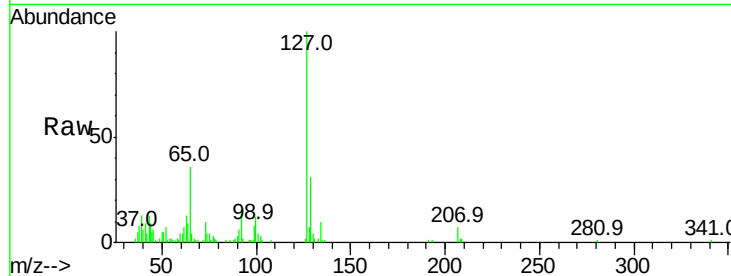
#33
4-Chloroaniline
Concen: 3.180 ng/ml
RT: 10.96 min Scan# 1389
Delta R.T. 0.00 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Instrument :
BNA_M
ClientSampleId :
CL-01-082917-B

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.3	37.9
65	36.0	17.6	26.4
92	16.1	13.1	19.7

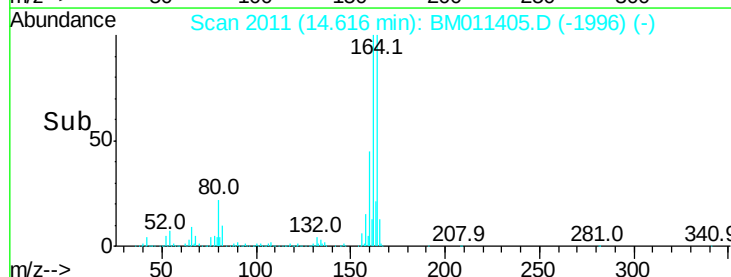
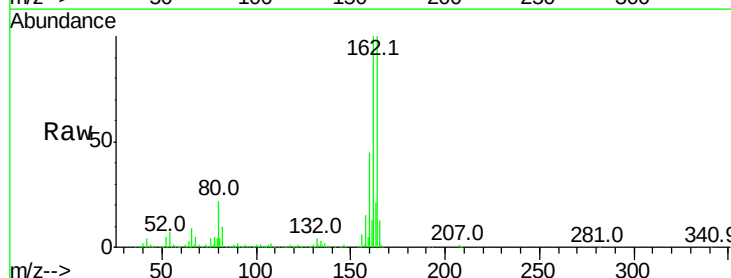
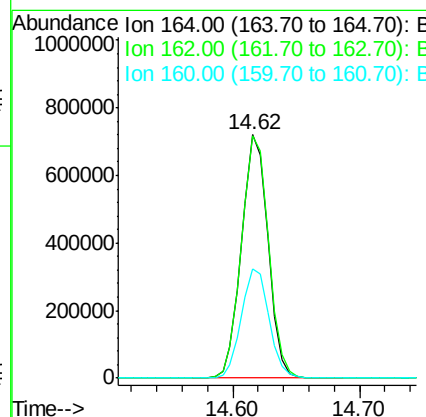
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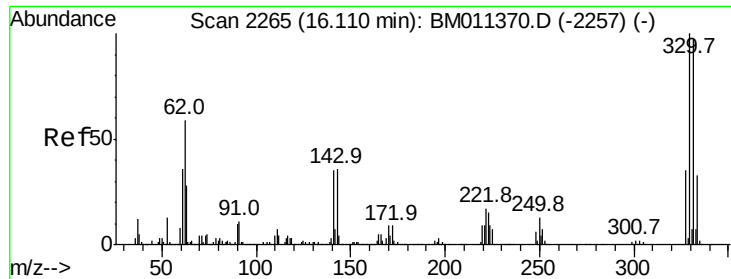
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.62 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	82.4	123.6
160	45.0	35.8	53.6





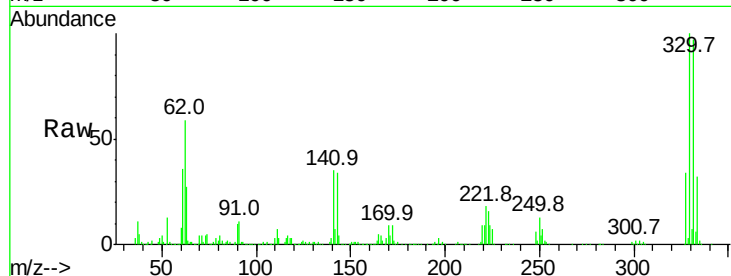
#41
 2,4,6-Tribromophenol
 Concen: 158.147 ng
 RT: 16.10 min Scan# 2264
 Delta R.T. -0.01 min
 Lab File: BM011405.D
 Acq: 01 Sep 2017 11:24

Instrument :
 BNA_M
 ClientSampleId :
 CL-01-082917-B

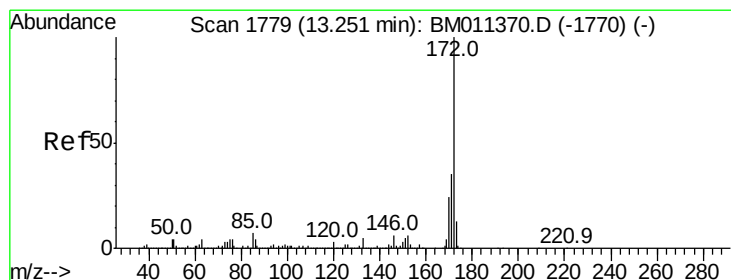
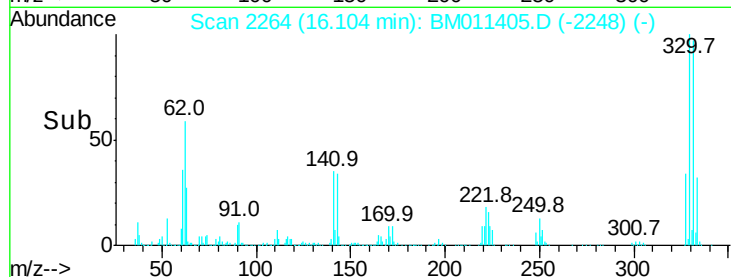
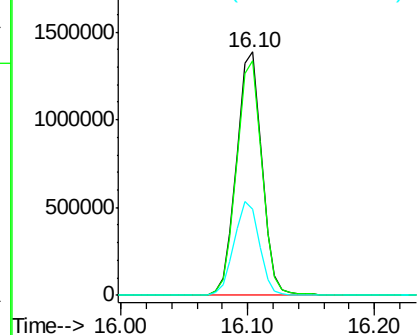
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	0.0	0.0#
141	38.7	0.0	0.0#

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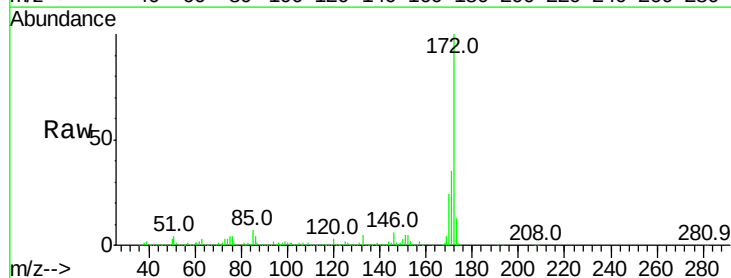


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

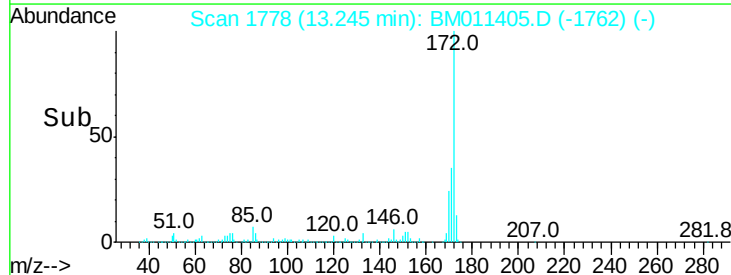
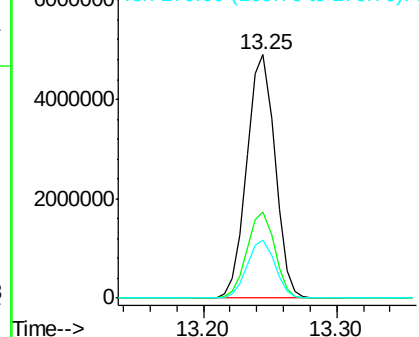


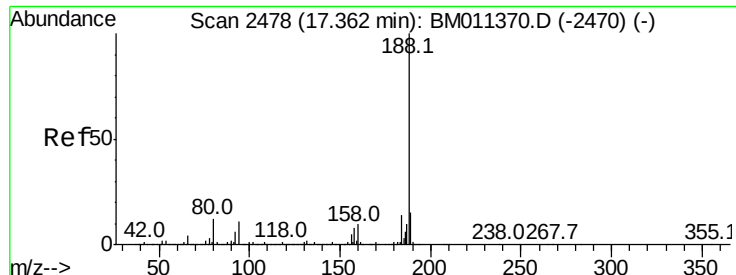
#44
 2-Fluorobiphenyl
 Concen: 98.274 ng
 RT: 13.25 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BM011405.D
 Acq: 01 Sep 2017 11:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.5	42.7
170	24.0	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: 17.36 min Scan# 2477

Delta R.T. -0.01 min

Lab File: BM011405.D

Acq: 01 Sep 2017 11:24

Instrument :

BNA_M

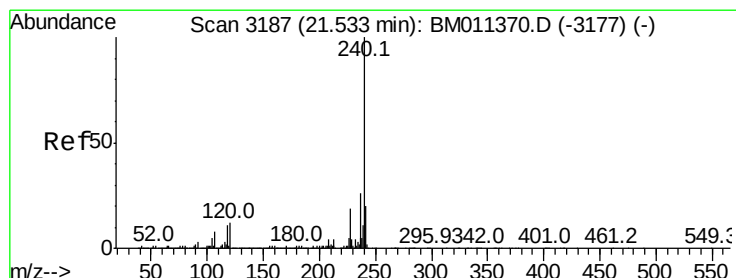
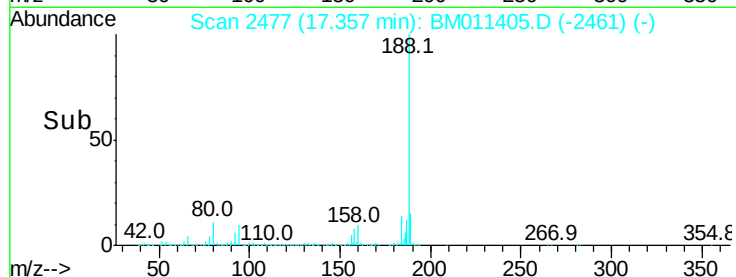
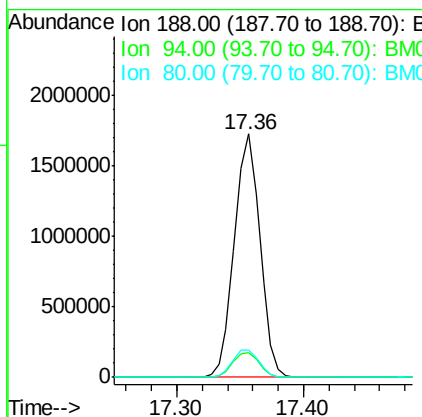
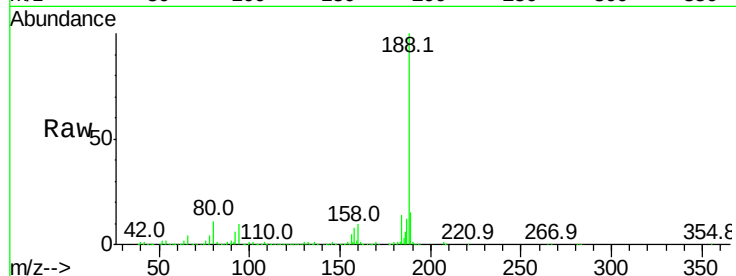
ClientSampleId :

CL-01-082917-B

Tot Ion:	188	Resp:	2407837
Ion Ratio	Lower	Upper	
188	100		
94	10.2	8.7	13.1
80	11.3	9.3	13.9

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#75

Chrysene-d12

Concen: 20.000 ng

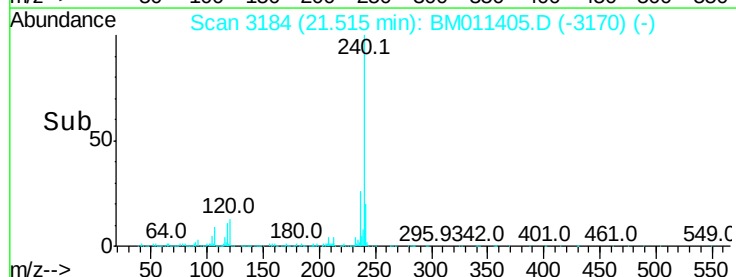
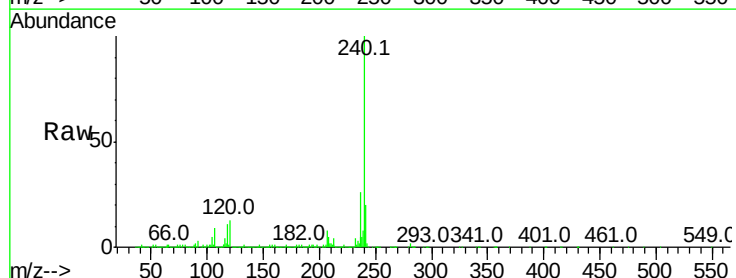
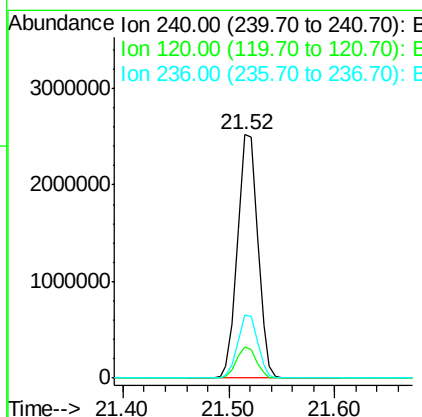
RT: 21.52 min Scan# 3184

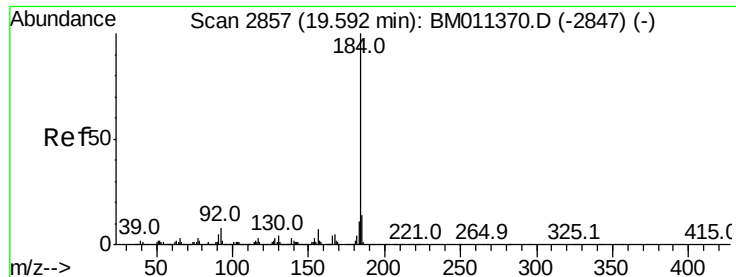
Delta R.T. -0.02 min

Lab File: BM011405.D

Acq: 01 Sep 2017 11:24

Tgt Ion:	240	Resp:	3336584
Ion Ratio	Lower	Upper	
240	100		
120	13.0	8.2	12.2#
236	25.8	20.0	30.0





#76

Benzidine

Concen: 391.061 ng/mL

RT: 19.59 min Scan# 2856

Delta R.T. -0.01 min

Lab File: BM011405.D

Acq: 01 Sep 2017 11:24

Instrument :

BNA_M

ClientSampleId :

CL-01-082917-B

Tot Ion:184 Resp:25752346

Ion	Ratio	Lower	Upper
184	100		
185	19.5	11.3	16.9#
183	14.1	8.9	13.3#

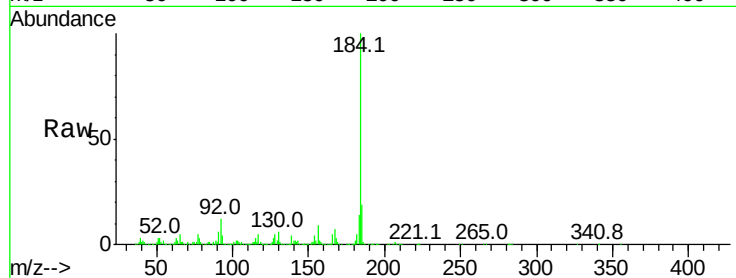
184 100

185 19.5 11.3 16.9#

183 14.1 8.9 13.3#

Manual Integrations
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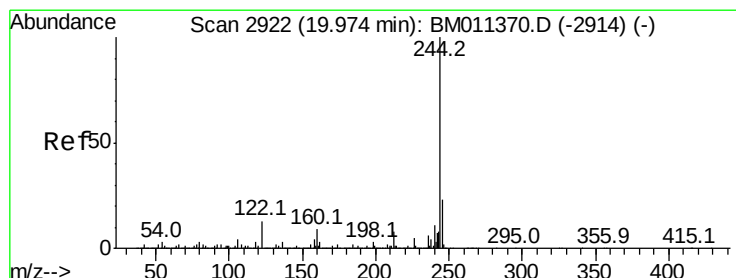
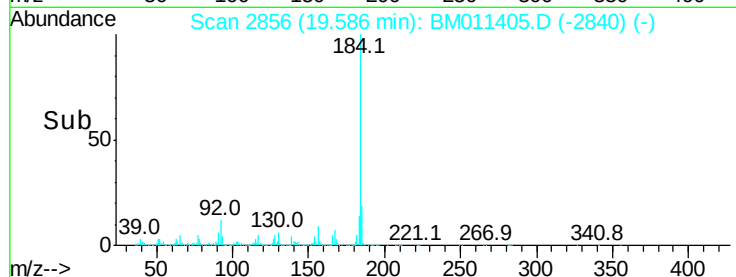
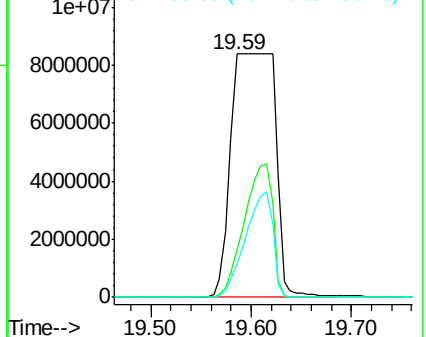
Sohil
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Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 79.930 ng/mL

RT: 19.97 min Scan# 2921

Delta R.T. -0.01 min

Lab File: BM011405.D

Acq: 01 Sep 2017 11:24

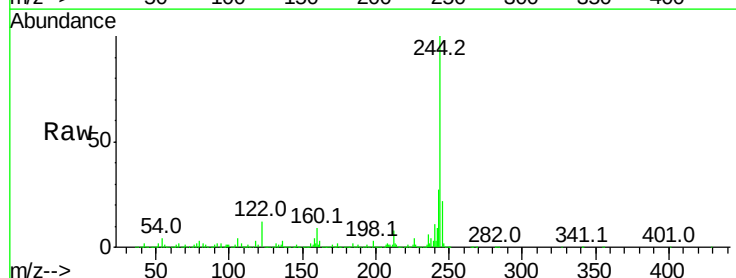
Tgt Ion:244 Resp:10748408

Ion	Ratio	Lower	Upper
244	100		
212	8.1	4.9	7.3#
122	12.3	6.2	9.4#

244 100

212 8.1 4.9 7.3#

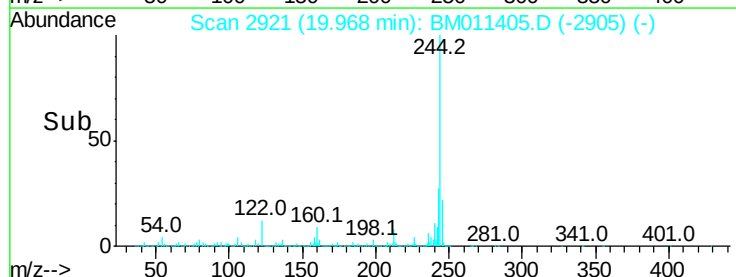
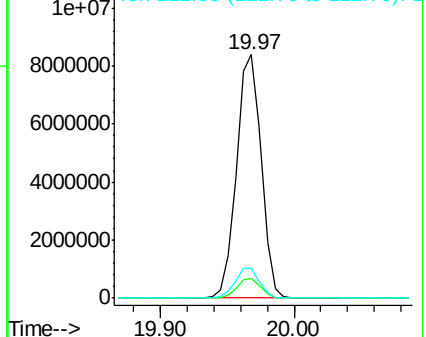
122 12.3 6.2 9.4#

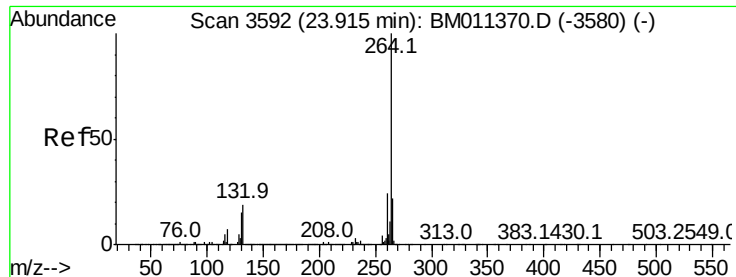


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 23.90 min Scan# 3590
Delta R.T. -0.01 min
Lab File: BM011405.D
Acq: 01 Sep 2017 11:24

Instrument :
BNA_M
ClientSampleId :
CL-01-082917-B

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.6	27.8
265	21.7	17.3	25.9

Manual Integrations
APPROVED

Sohil
9/1/2017 5:35:22 PM

