

Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
 Data File : BM009447.D
 Acq On : 30 Mar 2017 12:28
 Operator : SJ/MA
 Sample : I2437-01DL 20X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GWDL

Manual Integrations
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mohammad
 3/31/2017 8:21:54 AM

Quant Time: Mar 30 14:04:53 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-BM032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 22 16:43:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	117212	20.00	ng	0.00
21) Naphthalene-d8	10.65	136	455074	20.00	ng	-0.01
38) Acenaphthene-d10	14.50	164	276911	20.00	ng	0.00
63) Phenanthrene-d10	17.24	188	683330	20.00	ng	0.00
75) Chrysene-d12	21.42	240	907508	20.00	ng	0.00
86) Perylene-d12	23.74	264	827766	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	14946	2.13	ng	0.00
7) Phenol-d6	7.02	99	12196	1.27	ng	0.00
23) Nitrobenzene-d5	9.02	82	38633	3.18	ng	0.00
41) 2,4,6-Tribromophenol	15.99	330	15354	4.46	ng	-0.01
44) 2-Fluorobiphenyl	13.11	172	78927	3.43	ng	-0.01
78) Terphenyl-d14	19.86	244	130728	3.01	ng	0.00
Target Compounds						Qvalue
20) 3+4-Methylphenols	8.62	107	27518	2.98	ng	88
27) 2,4-Dimethylphenol	9.82	122	54410m	8.29	ng	
31) Naphthalene	10.70	128	1698971	70.34	ng	99
37) 2-Methylnaphthalene	12.32	142	34347	2.06	ng	# 93
51) Acenaphthene	14.56	154	94296	5.36	ng	93
54) Dibenzofuran	14.90	168	107328	4.13	ng	98
57) Fluorene	15.54	166	69546	2.97	ng	99
70) Phenanthrene	17.29	178	144438	3.70	ng	98

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

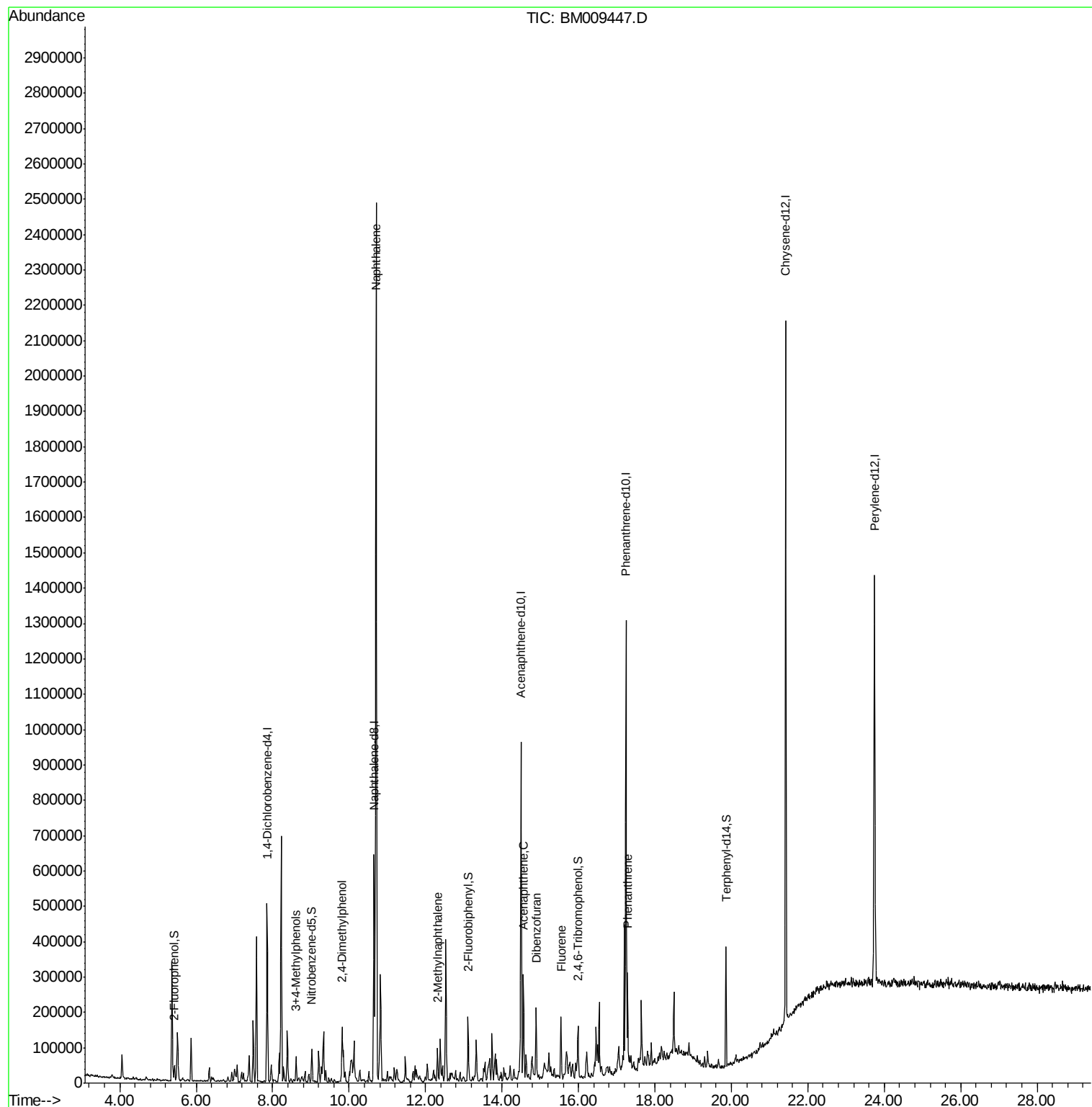
Data Path : Z:\HPCHEM1\BNA M\DATA\BM032917\
Data File : BM009447.D
Acq On : 30 Mar 2017 12:28
Operator : SJ/MA
Sample : I2437-01DL 20X
Misc :
ALS Vial : 5 Sample Multiplier: 1

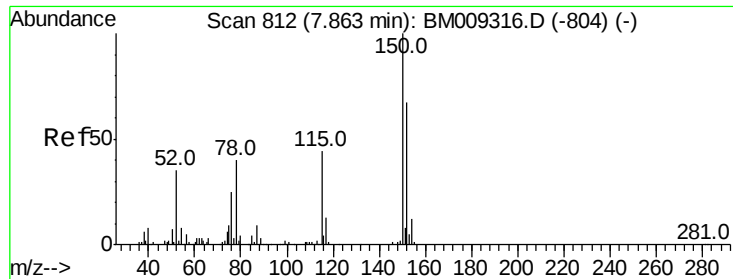
Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GWDL

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.86 min Scan# 811

Delta R.T. -0.01 min

Lab File: BM009447.D

Acq: 30 Mar 2017 12:28

Instrument :

BNA_M

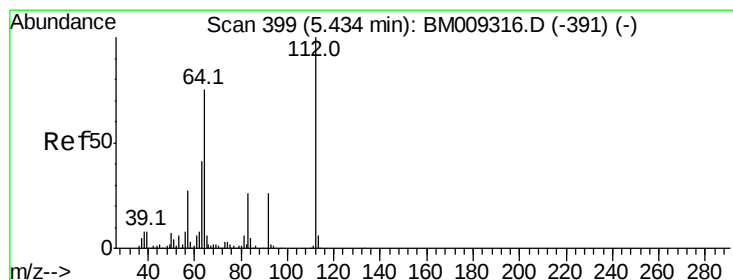
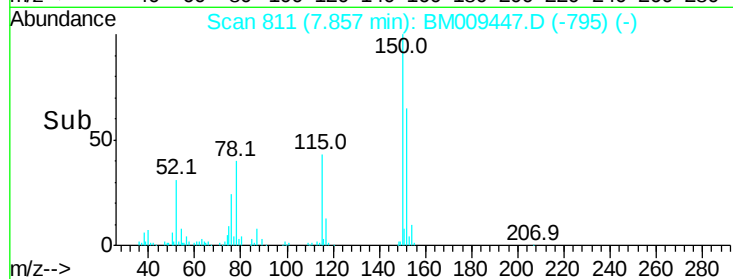
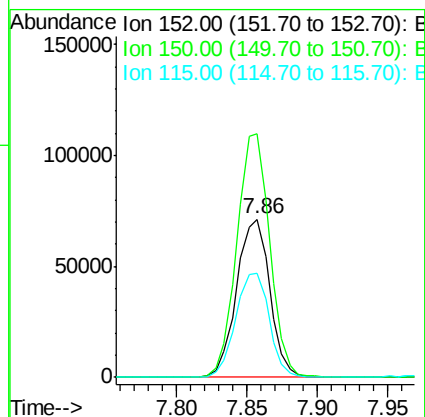
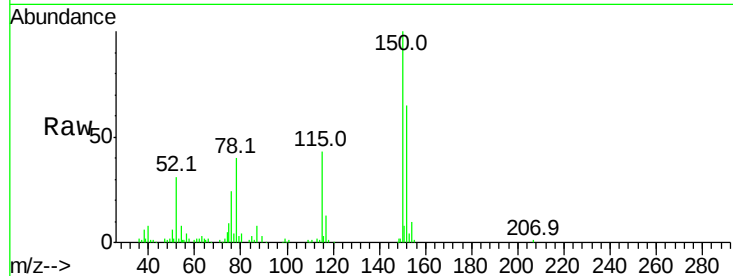
ClientSampleId :

QNWP8-MW26S-GWDL

Tot Ion:	152	Resp:	117212
Ion Ratio	Lower	Upper	
152	100		
150	154.0	119.5	179.3
115	65.8	43.0	64.4#

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#5

2-Fluorophenol

Concen: 2.13 ng

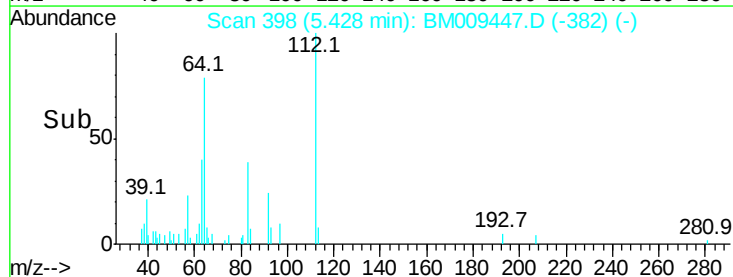
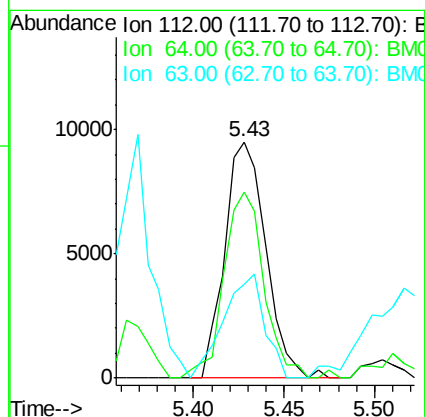
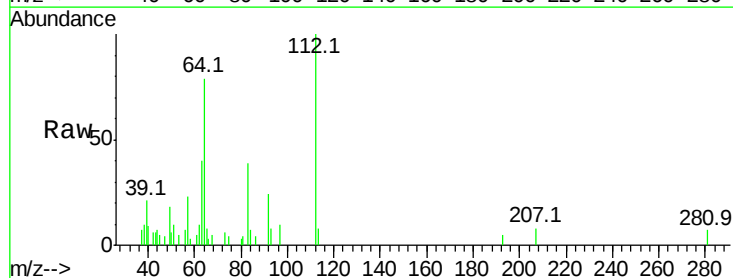
RT: 5.43 min Scan# 398

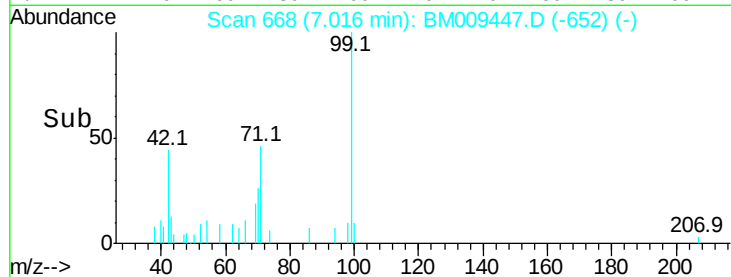
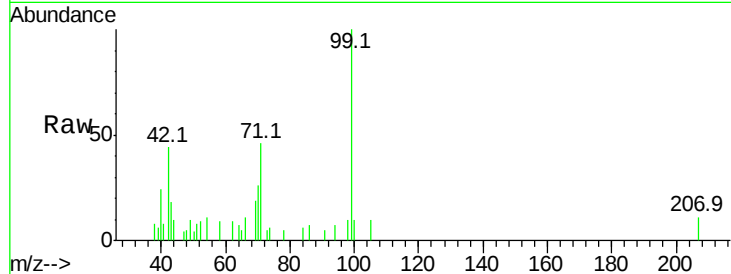
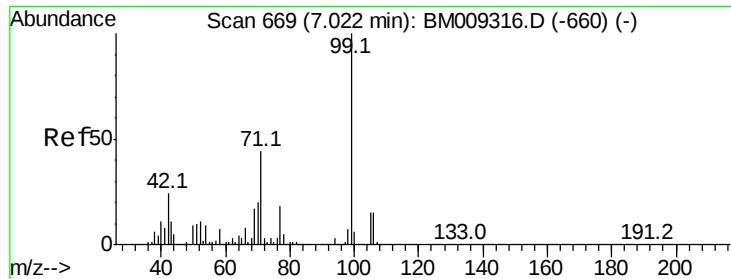
Delta R.T. -0.01 min

Lab File: BM009447.D

Acq: 30 Mar 2017 12:28

Tgt Ion:	112	Resp:	14946
Ion Ratio	Lower	Upper	
112	100		
64	78.9	38.6	57.8#
63	39.7	19.3	28.9#





#7

Phenol-d6

Concen: 1.27 ng

RT: 7.02 min Scan# 668

Delta R.T. -0.01 min

Lab File: BM009447.D

Acq: 30 Mar 2017 12:28

Tot Ion:	99	Resp:	12196
Ion Ratio	Lower	Upper	
99	100		
42	44.2	11.0	16.4#
71	45.8	23.4	35.2#

Instrument :

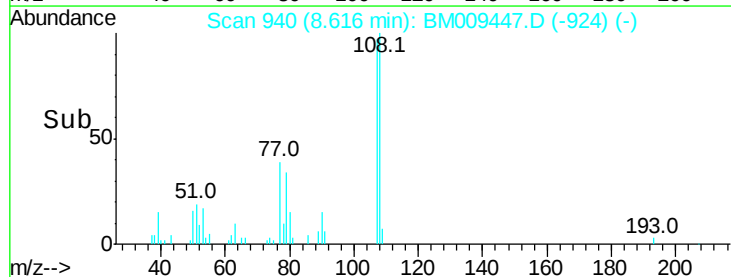
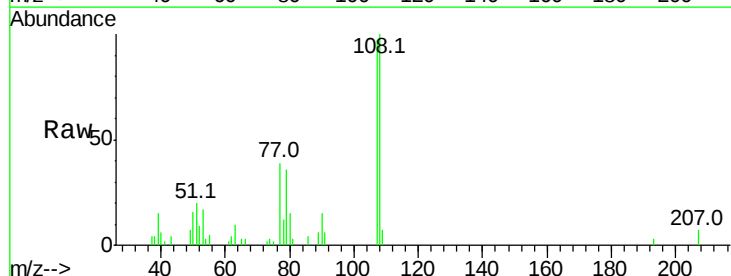
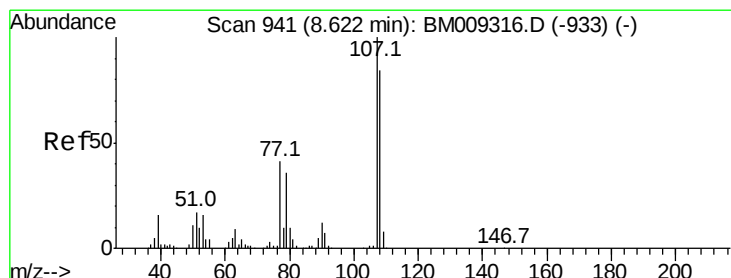
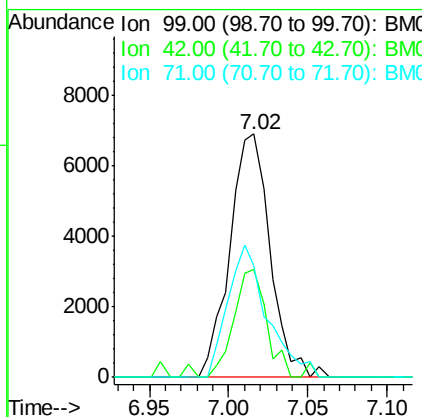
BNA_M

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 2.98 ng

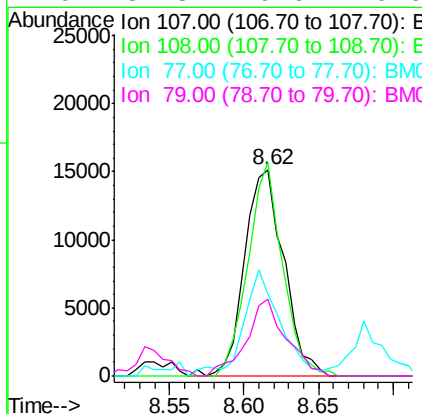
RT: 8.62 min Scan# 940

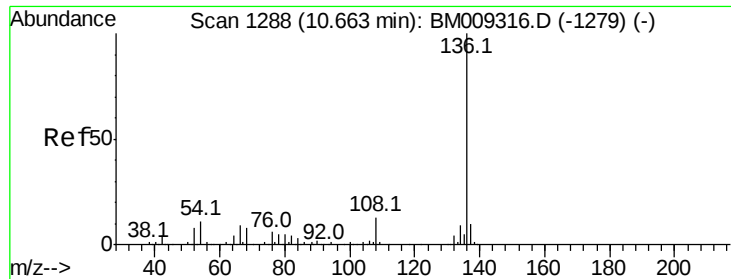
Delta R.T. -0.01 min

Lab File: BM009447.D

Acq: 30 Mar 2017 12:28

Tgt Ion:	107	Resp:	27518
Ion Ratio	Lower	Upper	
107	100		
108	103.3	73.2	113.2
77	39.9	10.7	50.7
79	37.3	9.6	49.6





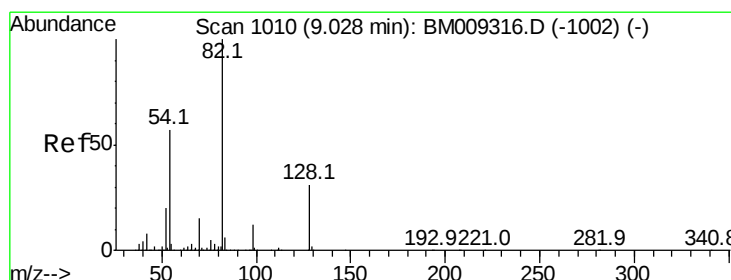
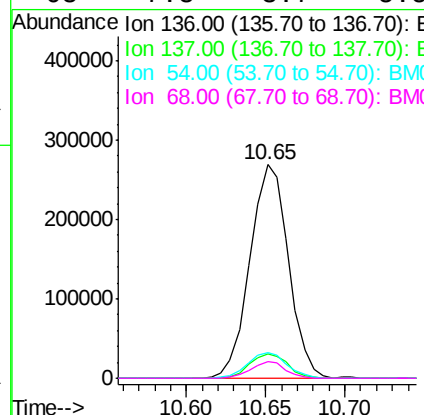
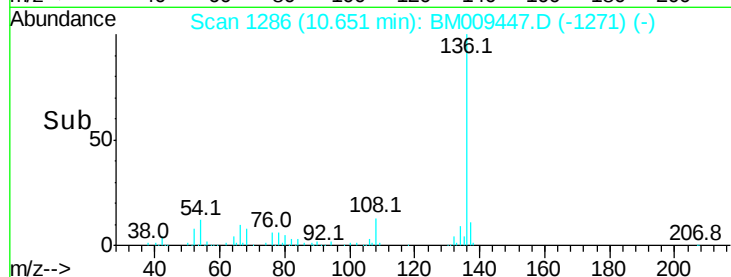
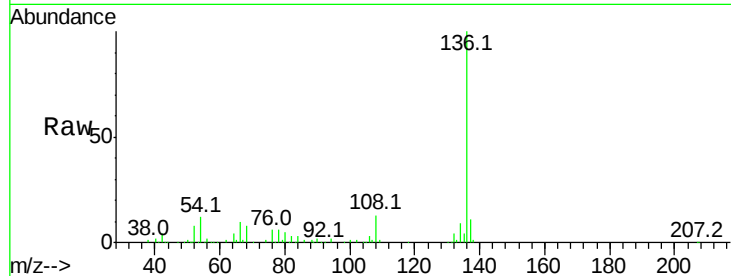
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.4	8.7	13.1	
54	11.7	4.6	6.8#	
68	7.8	3.7	5.5#	

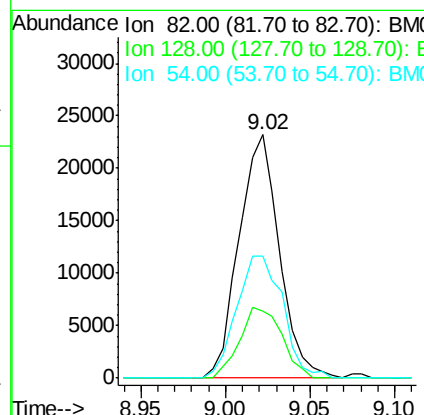
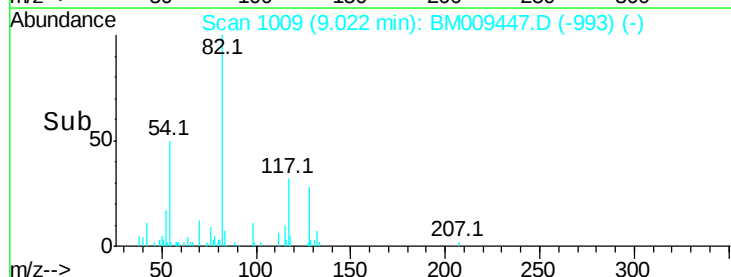
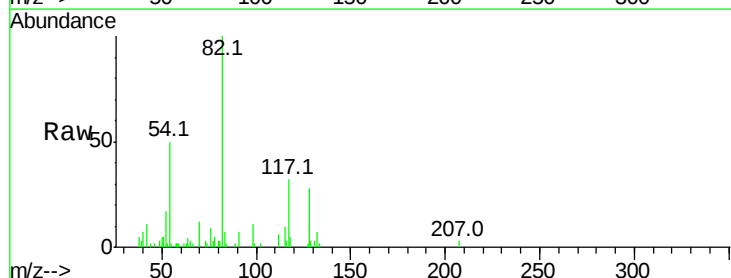
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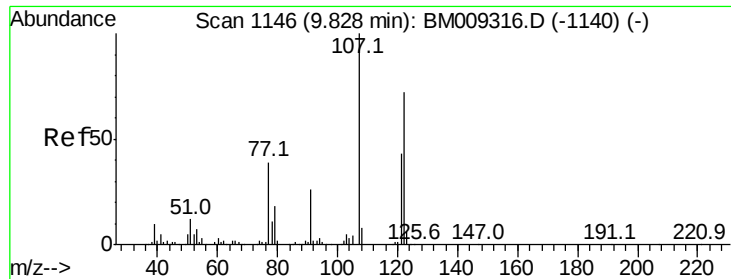
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#23
Nitrobenzene-d5
Concen: 3.18 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	27.6	32.8	49.2#	
54	50.0	40.6	60.8	





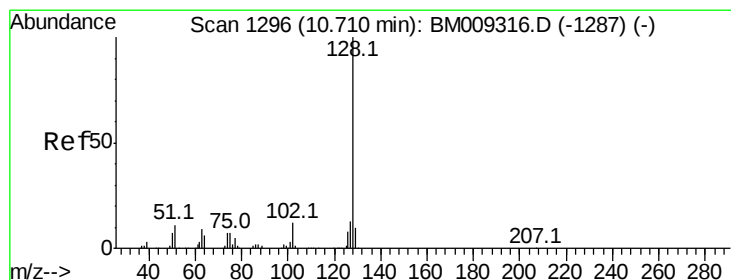
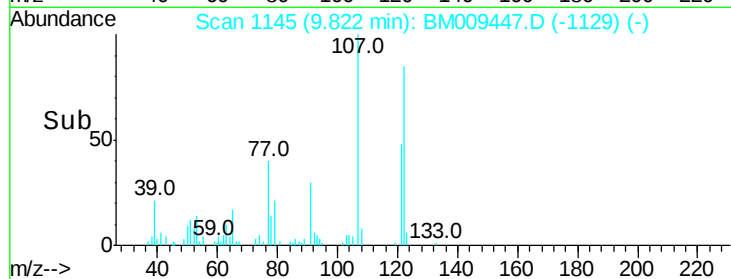
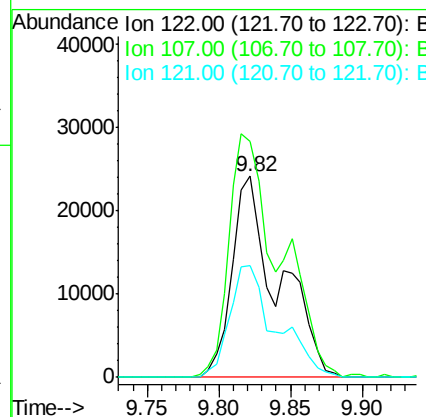
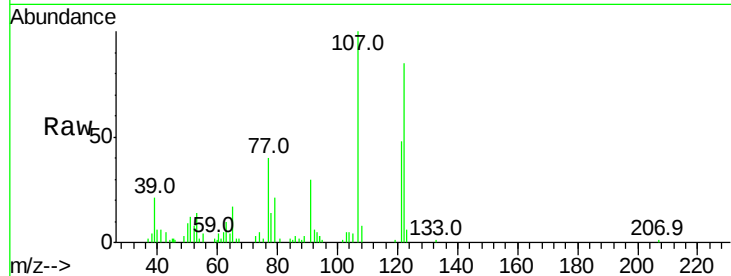
#27
2,4-Dimethylphenol
Concen: 8.29 ng/ml
RT: 9.82 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
122	100		
107	117.1	84.7	127.1
121	55.8	46.6	69.8

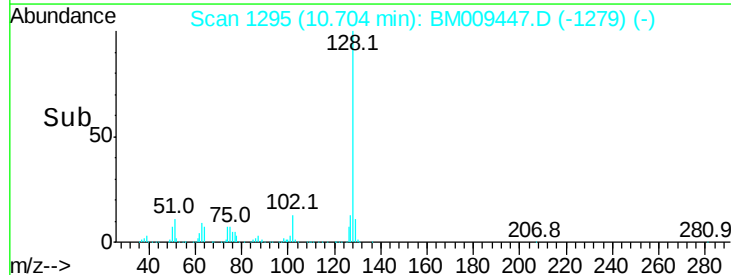
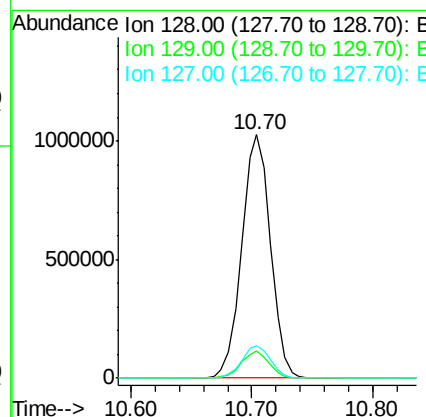
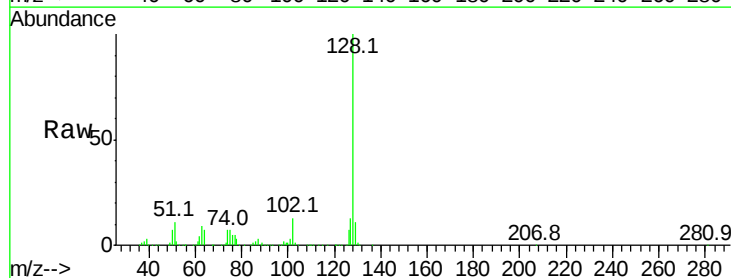
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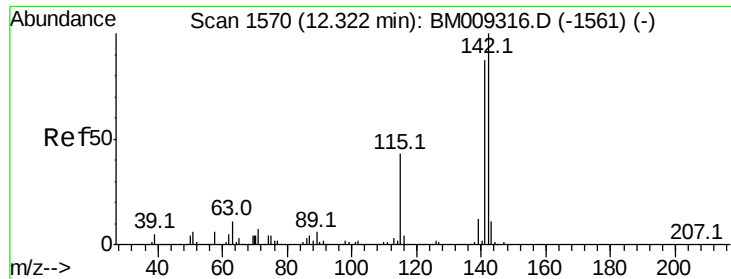
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#31
Naphthalene
Concen: 70.34 ng
RT: 10.70 min Scan# 1295
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Tgt Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.9	13.3
127	13.4	10.4	15.6





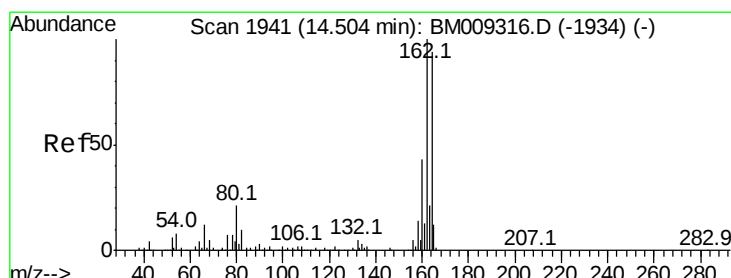
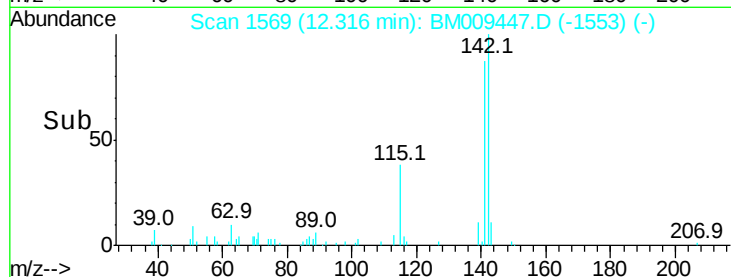
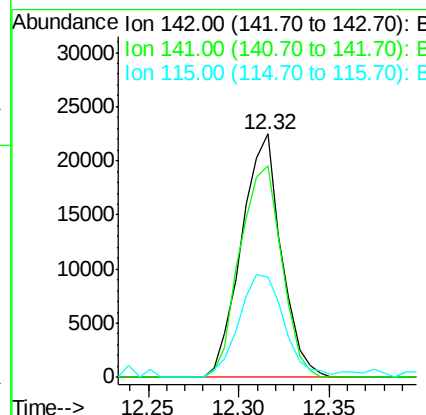
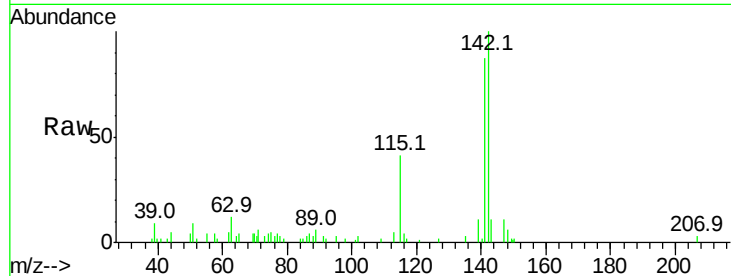
#37
2-Methylnaphthalene
Concen: 2.06 ng
RT: 12.32 min Scan# 1569
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
142	100		
141	86.8	71.9	107.9
115	41.2	25.4	38.0

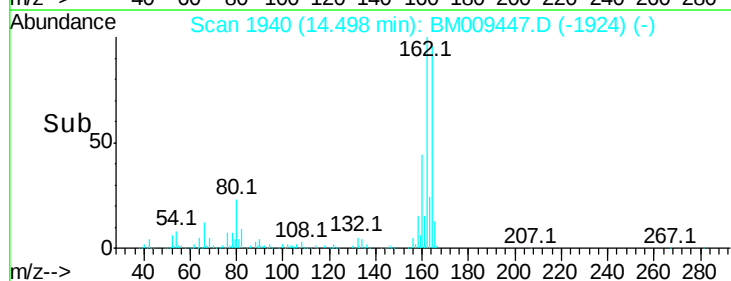
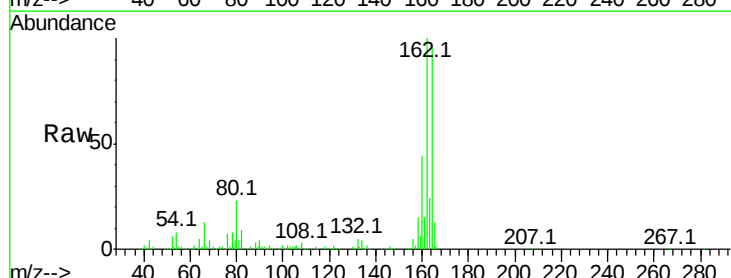
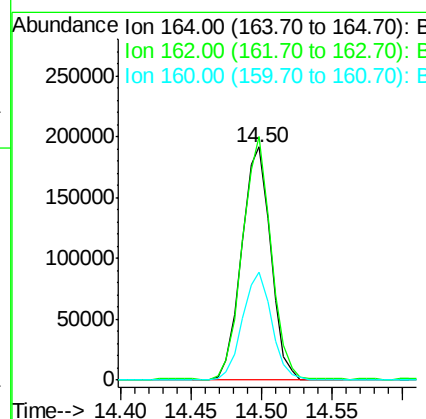
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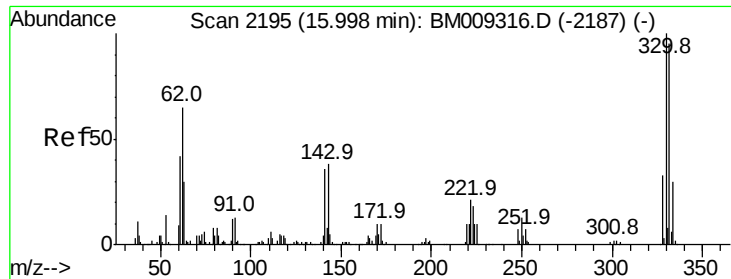
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.50 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.5	82.4	123.6
160	46.4	35.8	53.6





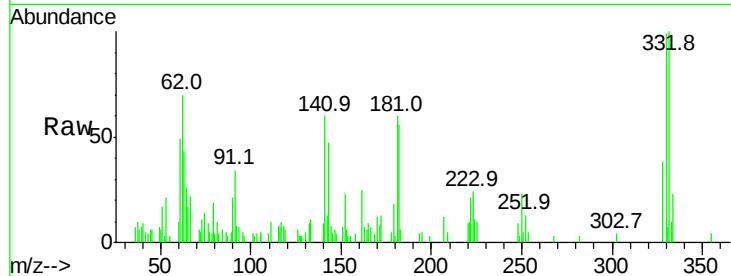
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 2,4,6-Tribromophenol
 Concen: 4.46 ng
 RT: 15.99 min Scan# 2193
 Delta R.T. -0.01 min
 Lab File: BM009447.D
 Acq: 30 Mar 2017 12:28

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GWDL

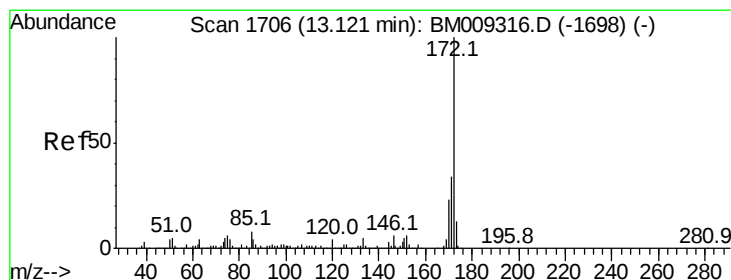
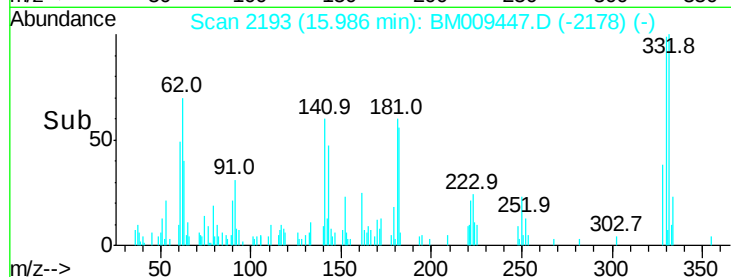
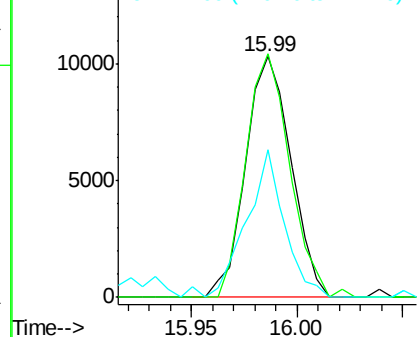
Tot Ion	Ratio	Resp Lower	Upper
330	100		
332	98.3	0.0	0.0#
141	51.9	0.0	0.0#

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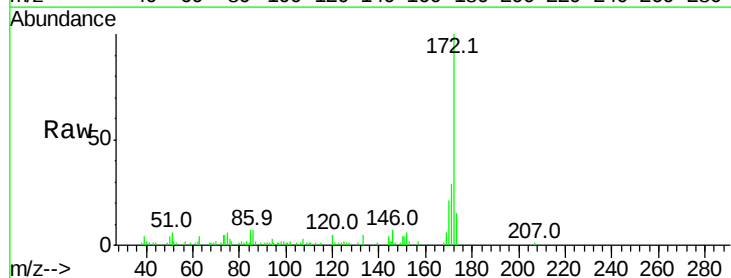


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

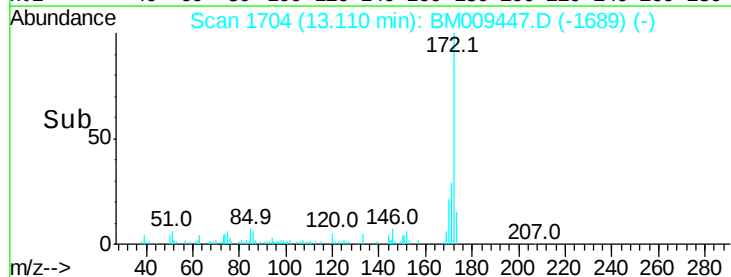
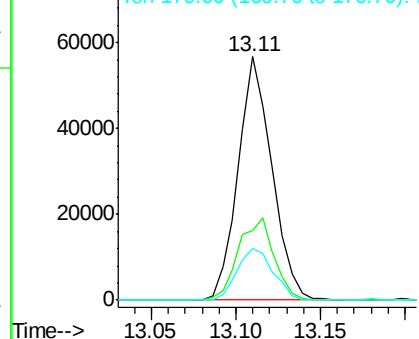


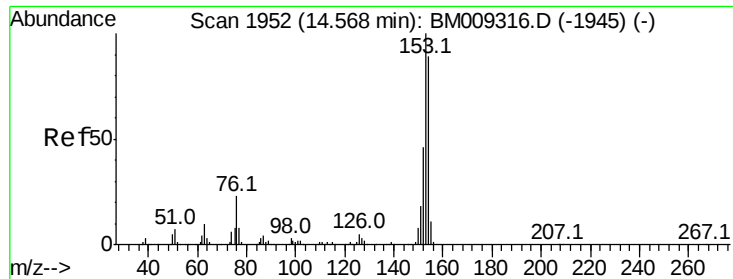
#44
 2-Fluorobiphenyl
 Concen: 3.43 ng
 RT: 13.11 min Scan# 1704
 Delta R.T. -0.01 min
 Lab File: BM009447.D
 Acq: 30 Mar 2017 12:28

Tgt Ion	Ratio	Resp Lower	Upper
172	100		
171	28.7	28.5	42.7
170	21.2	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





#51

Acenaphthene

Concen: 5.36 ng

RT: 14.56 min Scan# 1951

Delta R.T. -0.01 min

Lab File: BM009447.D

Acq: 30 Mar 2017 12:28

Instrument :

BNA_M

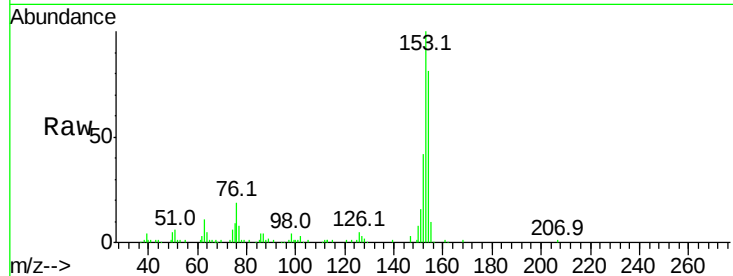
ClientSampleId :

QNWP8-MW26S-GWDL

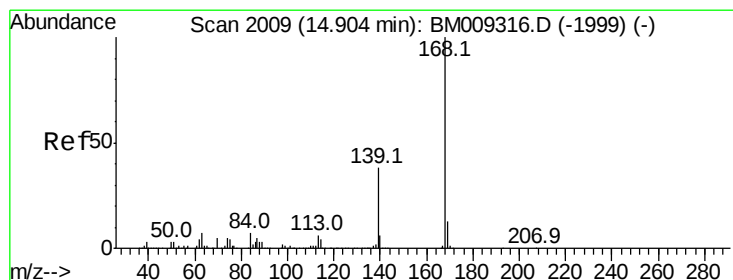
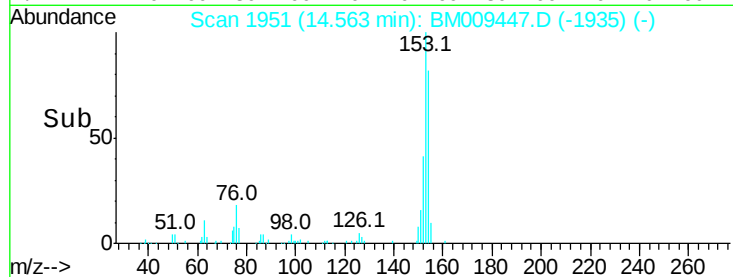
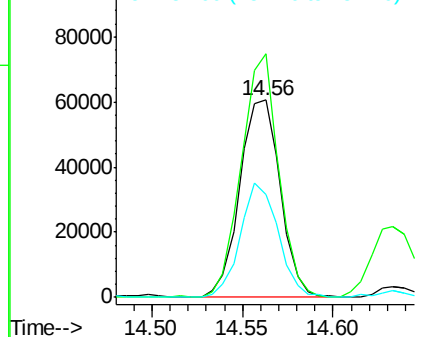
Tot Ion:	154	Resp:	94296
Ion Ratio	Lower	Upper	
154	100		
153	123.4	90.0	135.0
152	51.9	42.6	63.8

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Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E



#54

Dibenzofuran

Concen: 4.13 ng

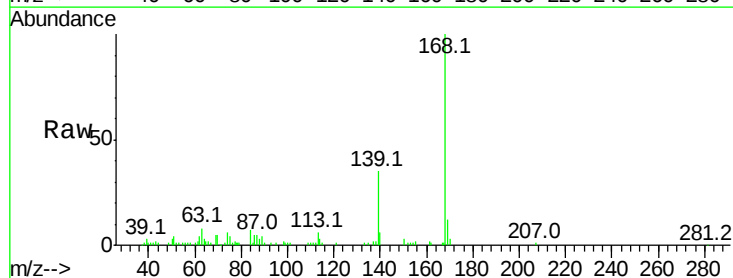
RT: 14.90 min Scan# 2008

Delta R.T. -0.01 min

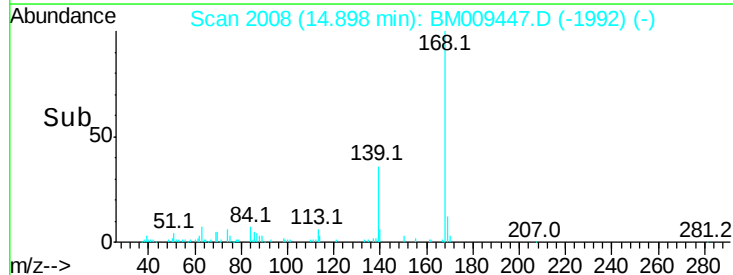
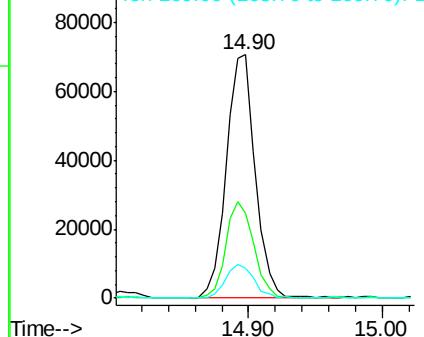
Lab File: BM009447.D

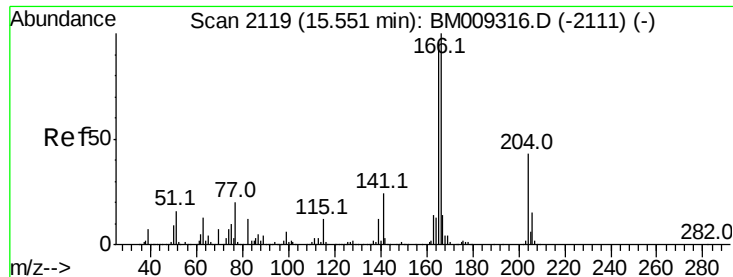
Acq: 30 Mar 2017 12:28

Tgt Ion:	168	Resp:	107328
Ion Ratio	Lower	Upper	
168	100		
139	35.0	27.3	40.9
169	12.1	10.6	16.0



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E





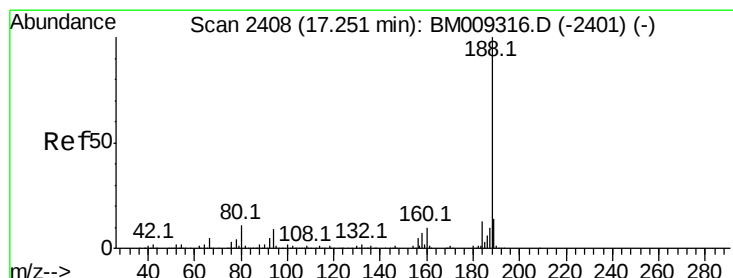
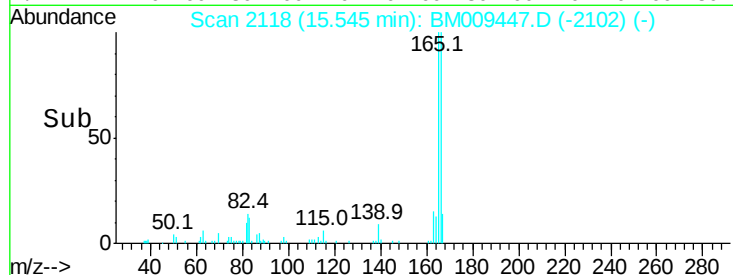
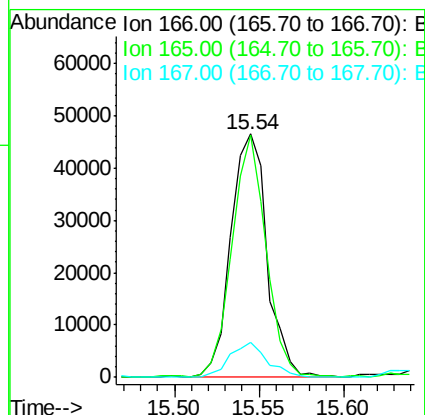
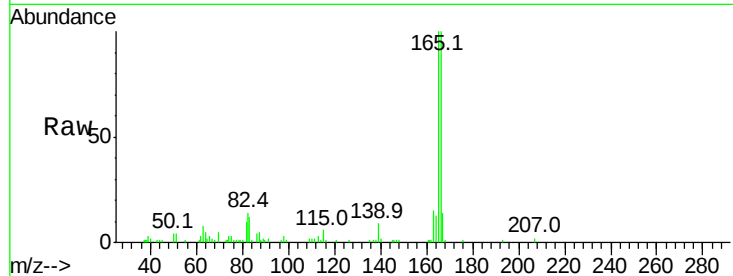
#57
Fluorene
 Concen: 2.97 ng
 RT: 15.54 min Scan# 2118
 Delta R.T. -0.01 min
 Lab File: BM009447.D
 Acq: 30 Mar 2017 12:28

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
166	100		
165	99.7	79.0	118.4
167	14.4	10.3	15.5

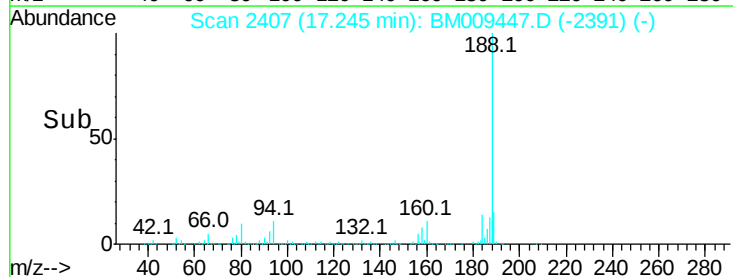
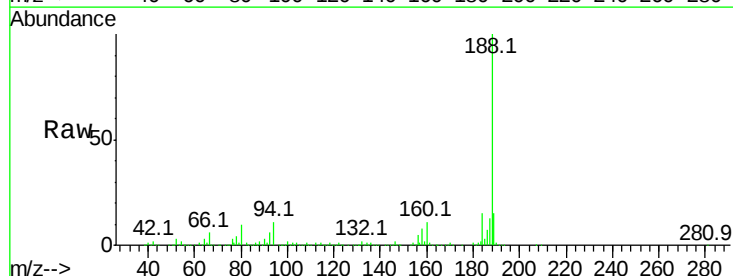
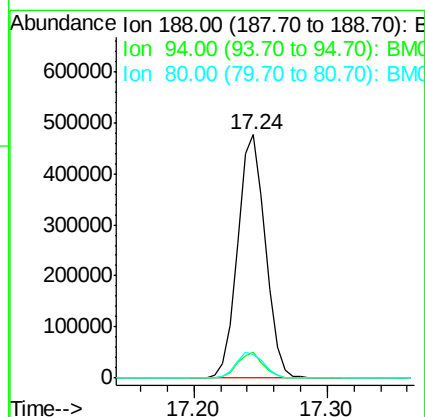
Manual Integrations
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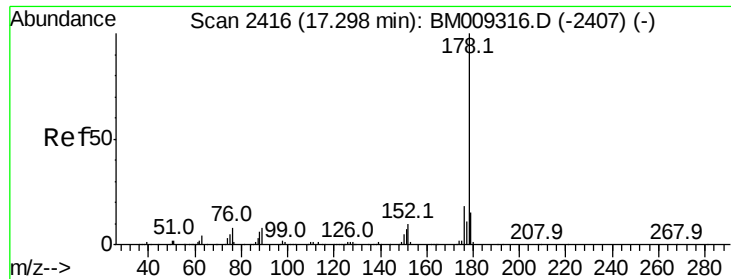
mohammad
 3/31/2017 8:21:54 AM



#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.24 min Scan# 2407
 Delta R.T. -0.01 min
 Lab File: BM009447.D
 Acq: 30 Mar 2017 12:28

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.7	13.1
80	9.5	9.3	13.9





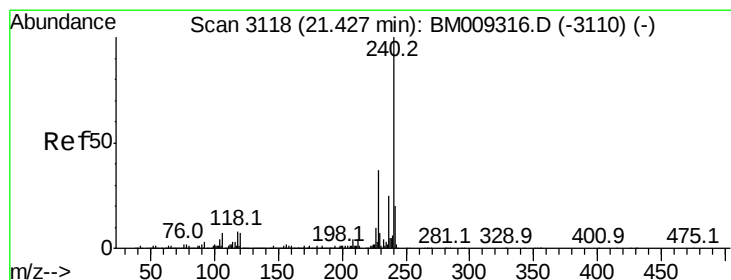
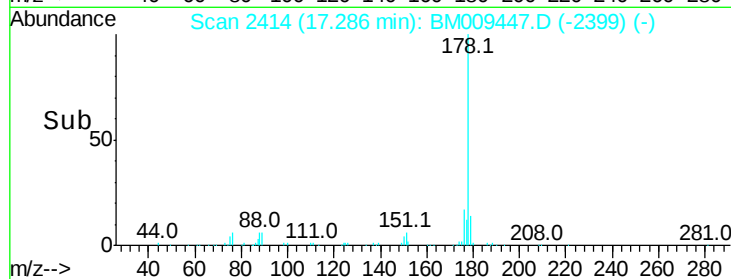
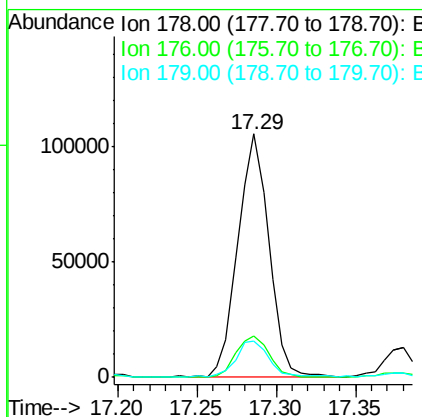
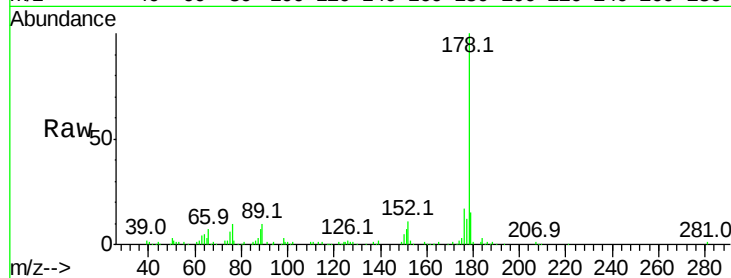
#70
Phenanthrene
Concen: 3.70 ng
RT: 17.29 min Scan# 2414
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Instrument :
BNA_M
ClientSampleId :
QNWP8-MW26S-GWDL

Tot Ion	Ratio	Lower	Upper
178	100		
176	17.1	15.2	22.8
179	15.1	12.1	18.1

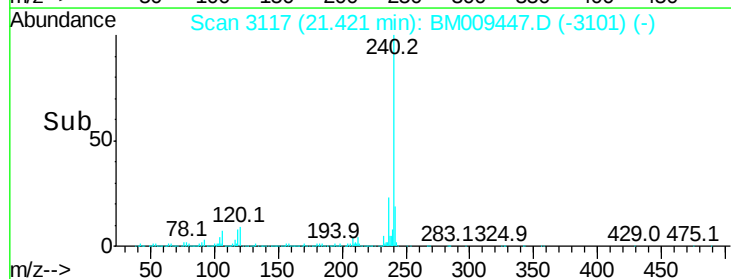
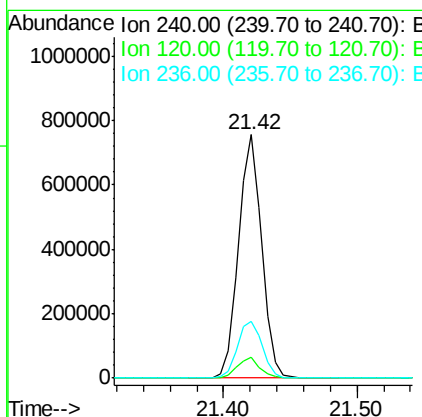
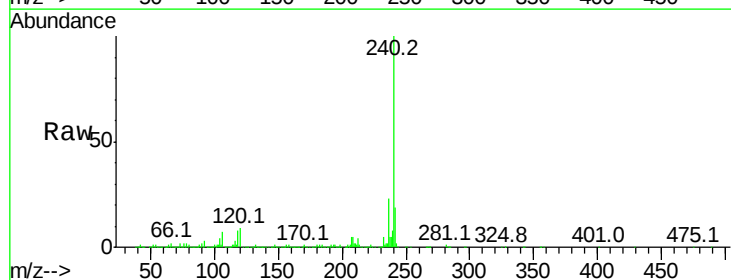
Manual Integrations
APPROVED

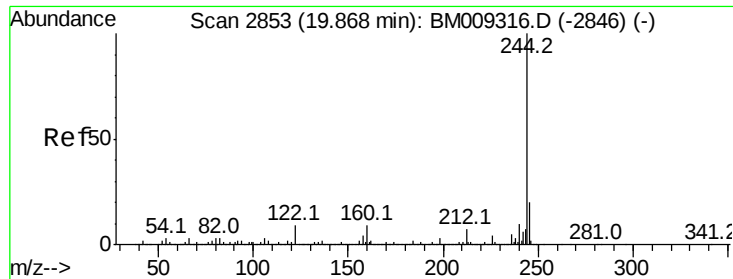
mohammad
3/31/2017 8:21:54 AM



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.42 min Scan# 3117
Delta R.T. -0.01 min
Lab File: BM009447.D
Acq: 30 Mar 2017 12:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.7	8.2	12.2
236	23.5	20.0	30.0





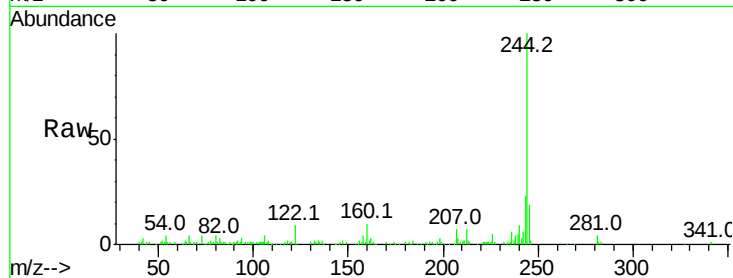
#78
 Terphenyl-d14
 Concen: 3.01 ng
 RT: 19.86 min Scan# 2852
 Delta R.T. -0.01 min
 Lab File: BM009447.D
 Acq: 30 Mar 2017 12:28

Instrument :
 BNA_M
 ClientSampleId :
 QNWP8-MW26S-GWDL

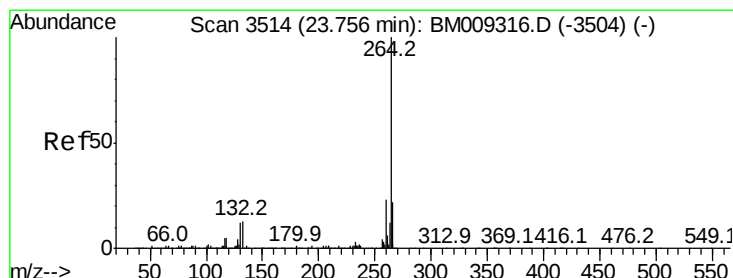
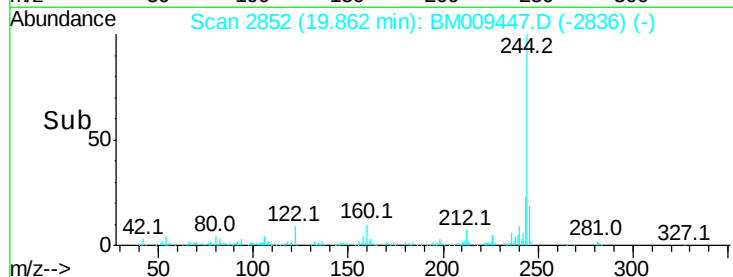
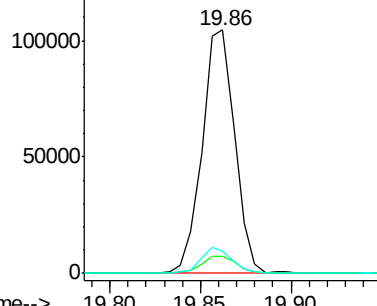
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	4.9	7.3
122	9.3	6.2	9.4

Manual Integrations
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mohammad
 3/31/2017 8:21:54 AM



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: 20.00 ng
 RT: 23.74 min Scan# 3512
 Delta R.T. -0.01 min
 Lab File: BM009447.D
 Acq: 30 Mar 2017 12:28

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.6	27.8
265	22.1	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

