

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003454.D
 Acq On : 10 Dec 2015 16:08
 Operator : UM/IZ
 Sample : G4713-02
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 TEC-17

Manual Integrations
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MMdadoda
 12/10/2015 5:57:58 PM

Quant Time: Dec 10 17:55:46 2015
 Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM120915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 18:52:47 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	82641	20.00	ng	0.00
21) Naphthalene-d8	10.52	136	358871	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	185270	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	347072	20.00	ng	0.00
75) Chrysene-d12	21.32	240	297628	20.00	ng	0.00
86) Perylene-d12	23.58	264	301440	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	220311	47.40	ng	0.00
7) Phenol-d6	6.89	99	186719	28.93	ng	0.00
23) Nitrobenzene-d5	8.88	82	566571	97.89	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	181040	97.84	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1304834	95.95	ng	0.00
78) Terphenyl-d14	19.76	244	1100993	87.24	ng	0.00
Target Compounds						
9) Benzaldehyde	6.86	77	14114	4.46	ng	# 87
10) Phenol	6.92	94	103770	15.15	ng	# 72
20) 3+4-Methylphenols	8.49	107	16280	2.46	ng	98
32) Benzoic acid	9.85	122	140179m	42.33	ng	

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

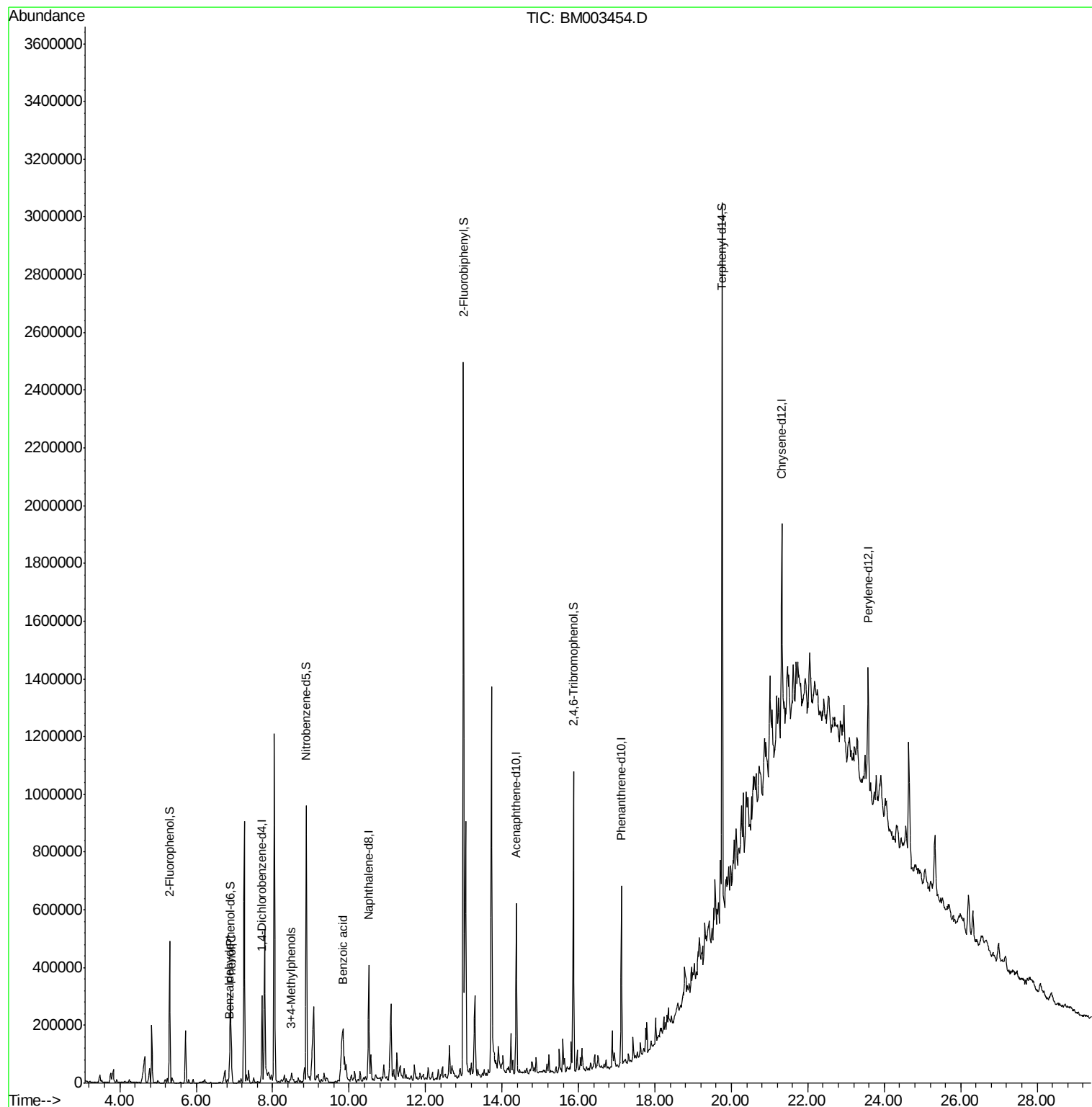
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003454.D
Acq On : 10 Dec 2015 16:08
Operator : UM/IZ
Sample : G4713-02
Misc :
ALS Vial : 57 Sample Multiplier: 1

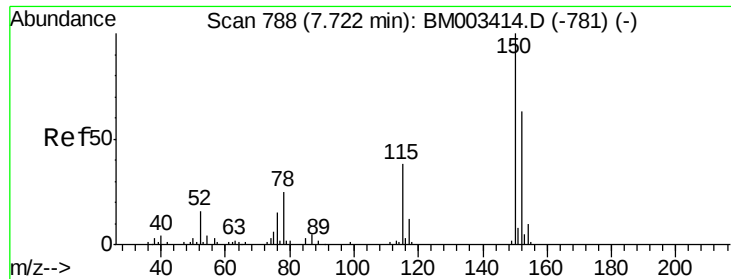
Instrument :
BNA_M
ClientSampleId :
TEC-17

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#1

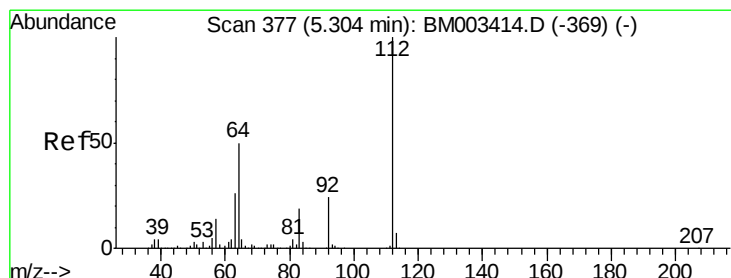
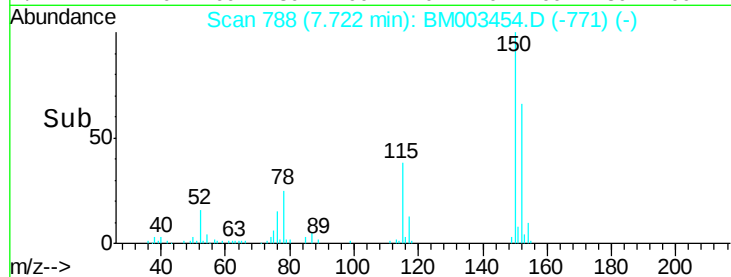
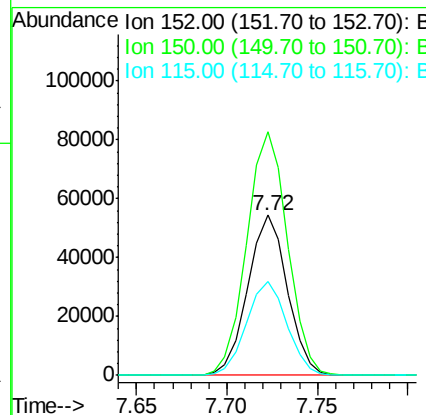
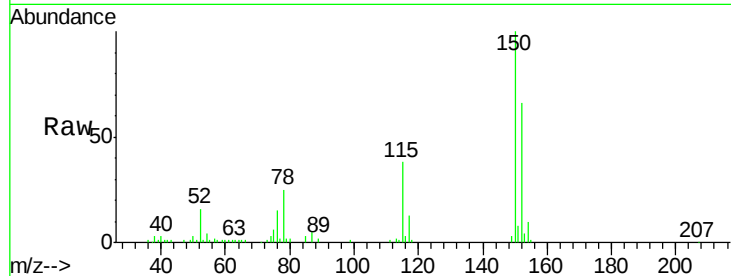
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :
TEC-17

Tgt	Ion	Ratio	Resp	Lower	Upper
152	100		82641		
150	152.0	119.5	179.3		
115	58.5	43.0	64.4		

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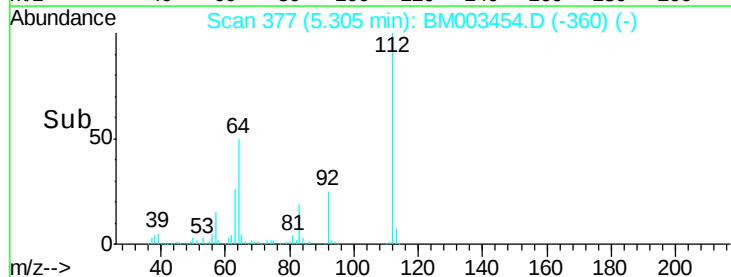
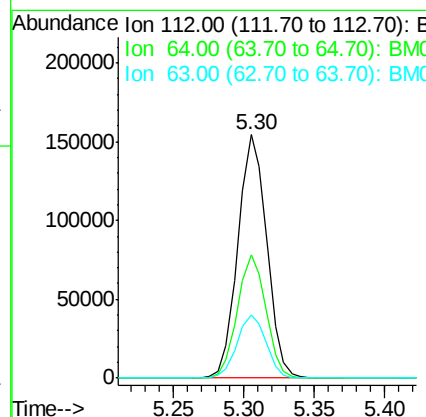
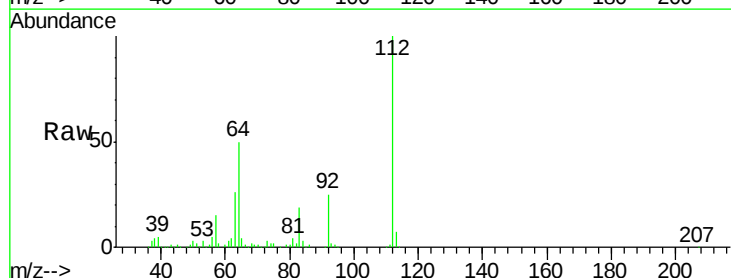
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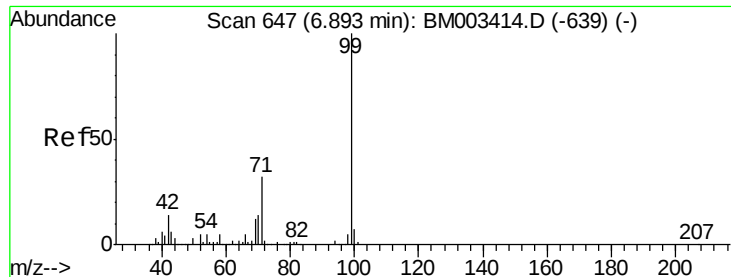


#5

2-Fluorophenol
Concen: 47.40 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt	Ion	Ratio	Resp	Lower	Upper
112	100		220311		
64	50.4	38.6	57.8		
63	26.0	19.3	28.9		





#7

Phenol-d6

Concen: 28.93 ng

RT: 6.89 min Scan# 647

Delta R.T. 0.00 min

Lab File: BM003454.D

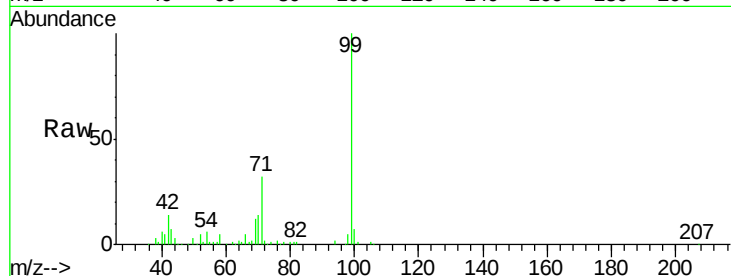
Acq: 10 Dec 2015 16:08

Instrument :

BNA_M

ClientSampleId :

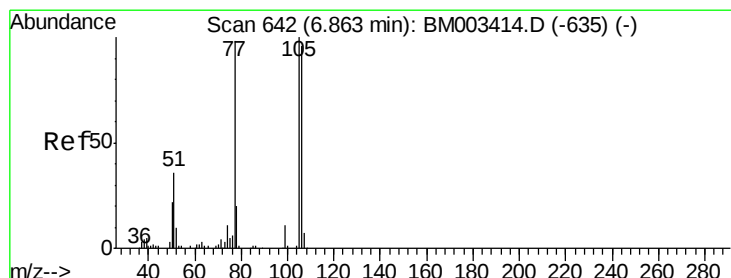
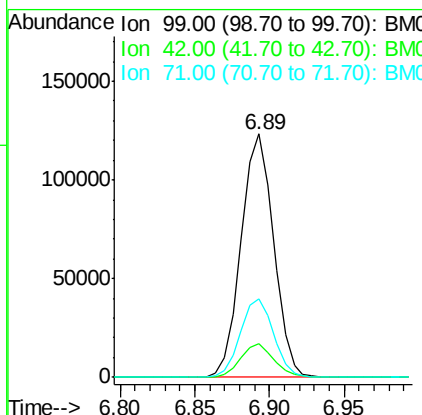
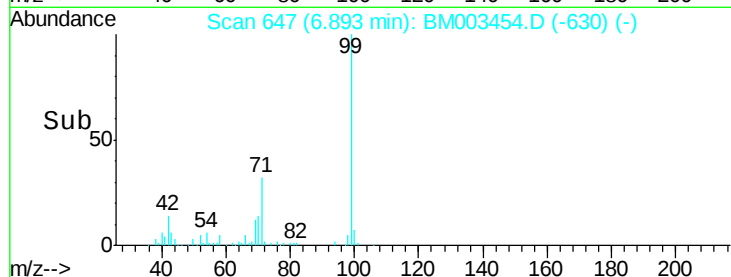
TEC-17



Tgt Ion:	99	Resp:	186719
Ion Ratio	Lower	Upper	
99	100		
42	13.8	11.0	16.4
71	32.4	23.4	35.2

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#9

Benzaldehyde

Concen: 4.46 ng

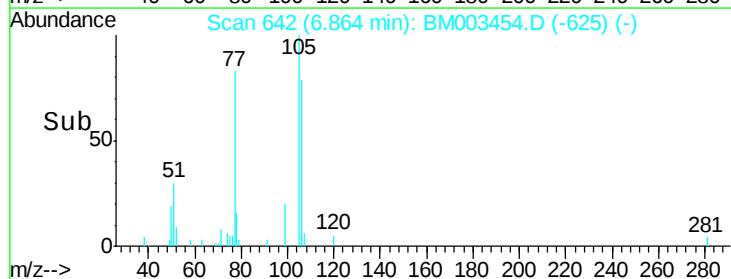
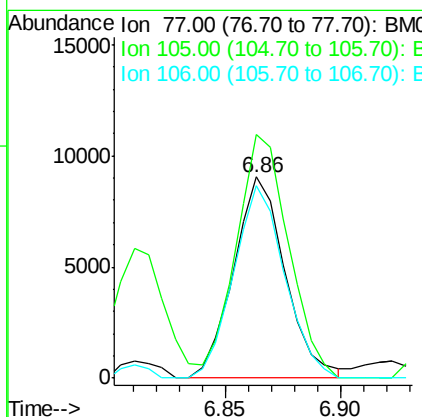
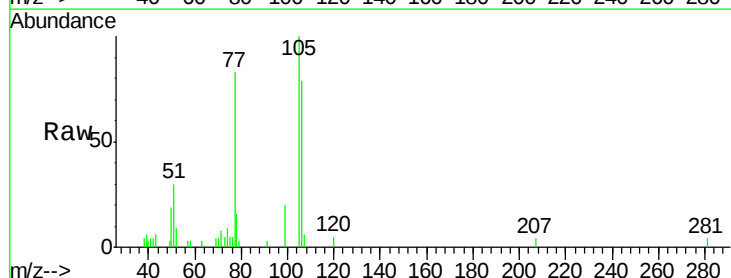
RT: 6.86 min Scan# 642

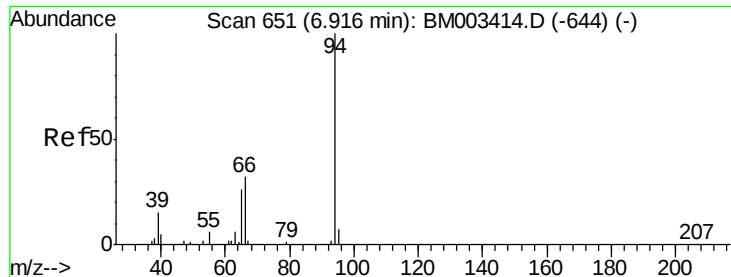
Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Tgt Ion:	77	Resp:	14114
Ion Ratio	Lower	Upper	
77	100		
105	121.1	78.8	118.8#
106	95.8	73.7	113.7





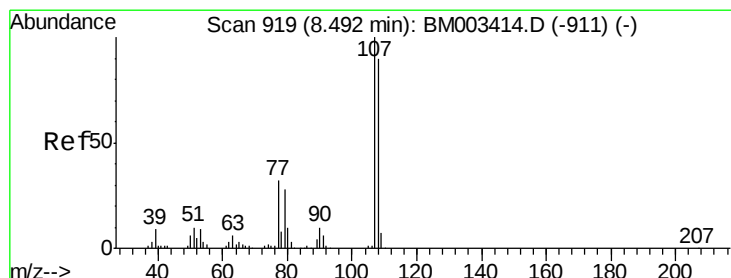
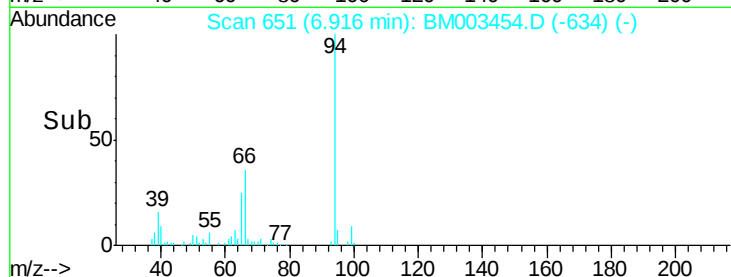
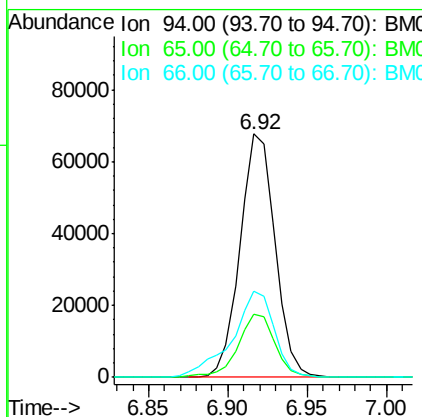
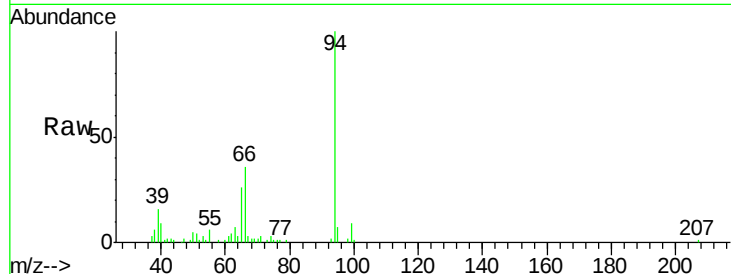
#10
Phenol
Concen: 15.15 ng
RT: 6.92 min Scan# 651
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :
TEC-17

Tgt Ion	Ratio	Lower	Upper
94	100		
65	25.8	18.8	58.8
66	35.5	39.9	79.9

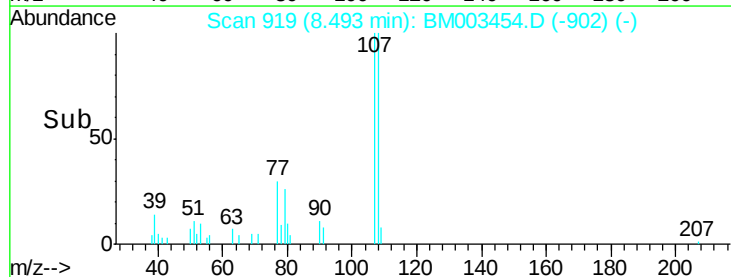
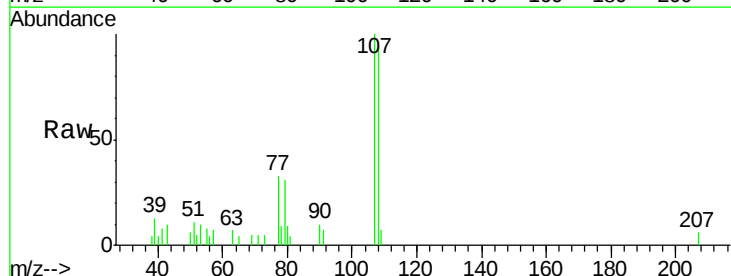
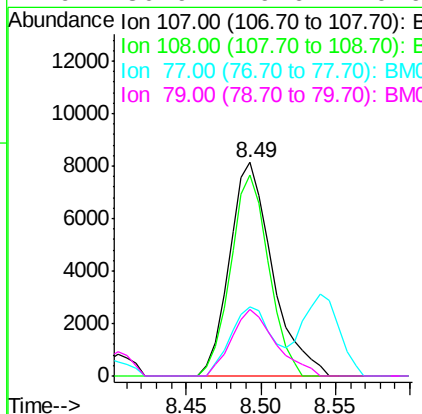
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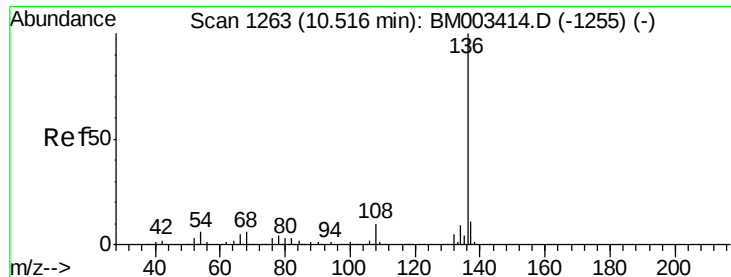
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#20
3+4-Methylphenols
Concen: 2.46 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion	Ratio	Lower	Upper
107	100		
108	94.0	73.2	113.2
77	32.6	10.7	50.7
79	30.9	9.6	49.6





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.52 min Scan# 1263

Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Instrument :

BNA_M

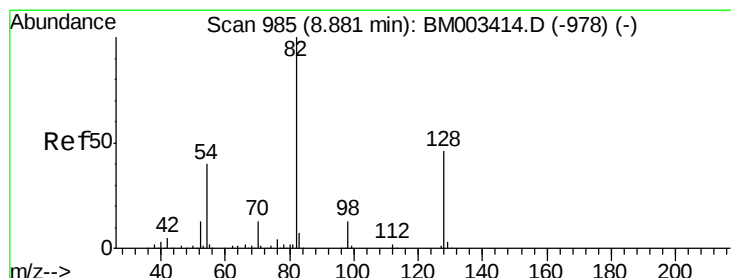
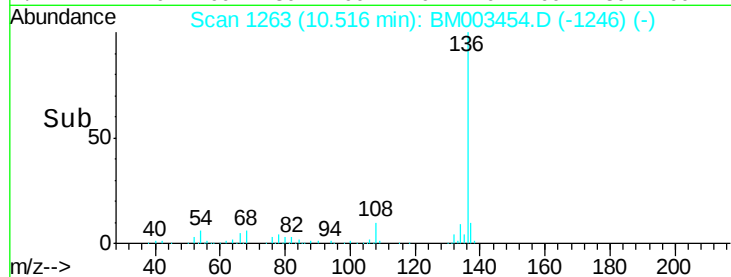
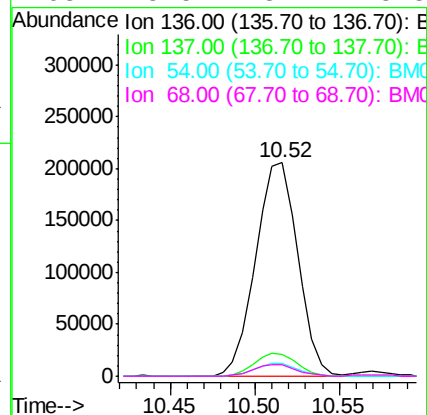
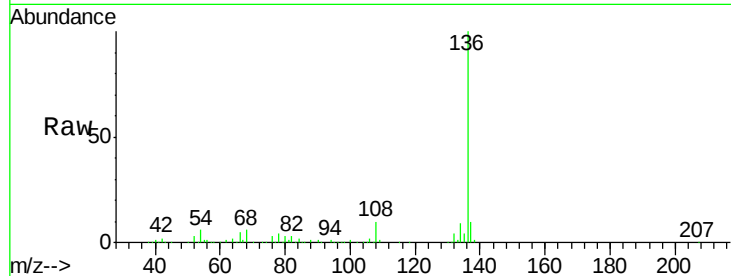
ClientSampleId :

TEC-17

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	358871		
137	10.4	8.7	13.1	
54	5.8	4.6	6.8	
68	5.5	3.7	5.5#	

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#23

Nitrobenzene-d5

Concen: 97.89 ng

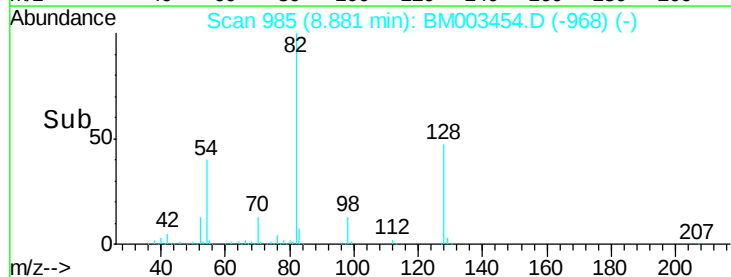
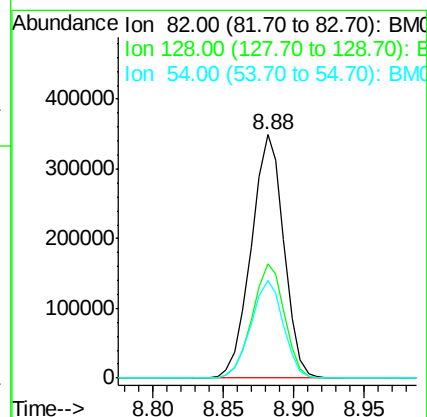
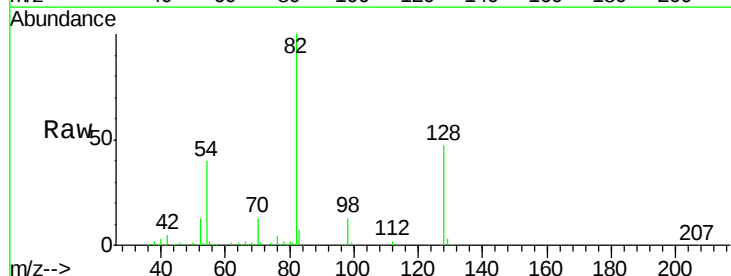
RT: 8.88 min Scan# 985

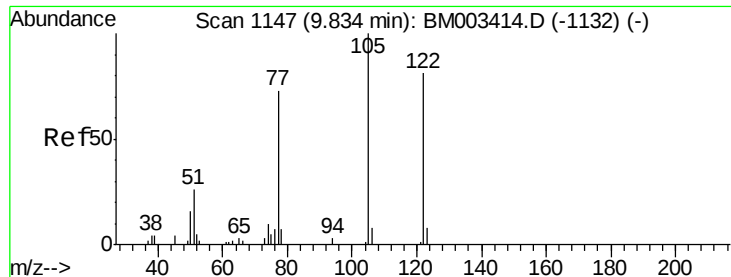
Delta R.T. 0.00 min

Lab File: BM003454.D

Acq: 10 Dec 2015 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	566571		
128	46.7	32.8	49.2	
54	39.9	40.6	60.8#	





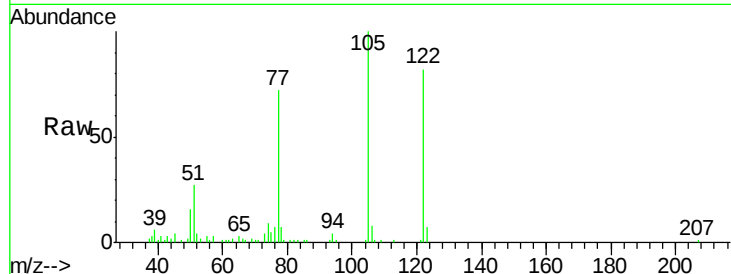
#32
Benzoic acid
Concen: 42.33 ng m
RT: 9.85 min Scan# 1149
Delta R.T. 0.01 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :
TEC-17

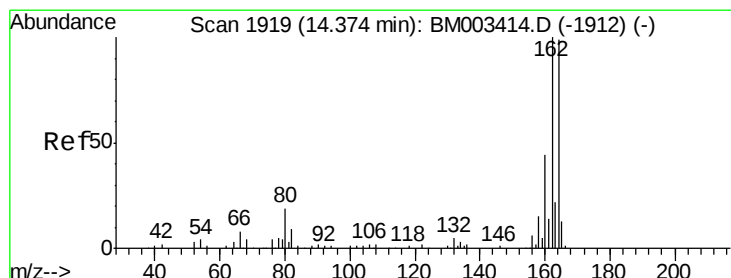
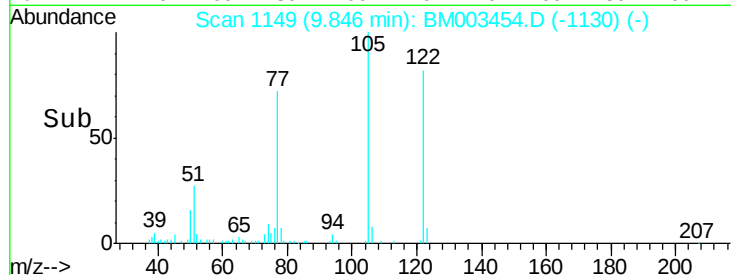
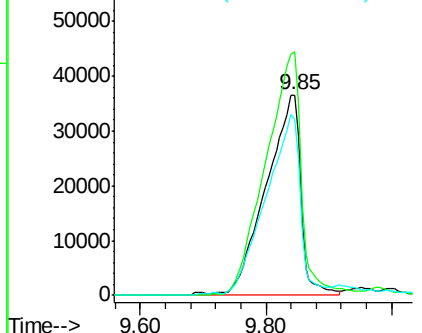
Tgt Ion	Ratio	Resp	Lower	Upper
122	100	140179		
105	121.6	99.9	139.9	
77	87.7	73.7	113.7	

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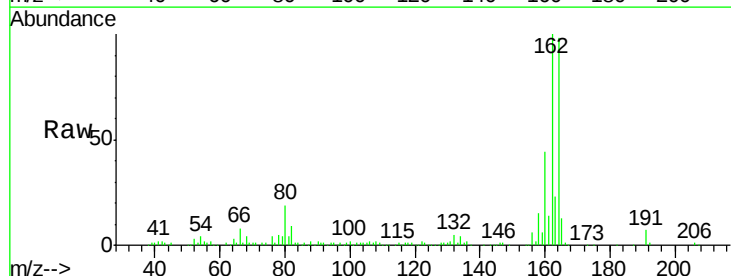


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Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BM

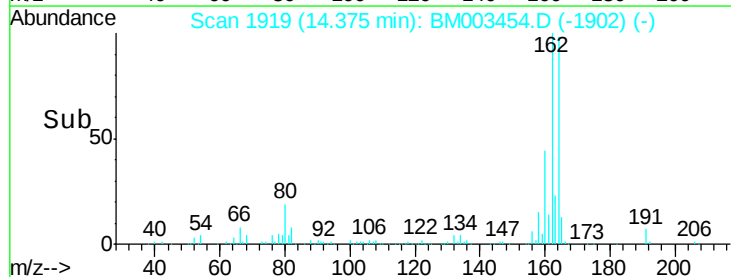
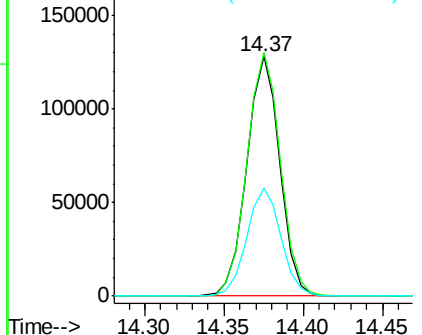


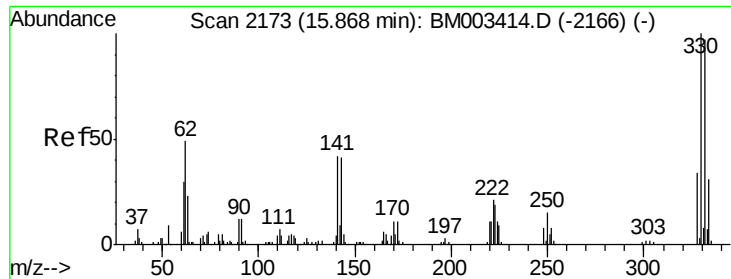
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Acenaphthene-d10
Concen: 20.00 ng
RT: 14.37 min Scan# 1919
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	185270		
162	101.6	82.4	123.6	
160	44.9	35.8	53.6	



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





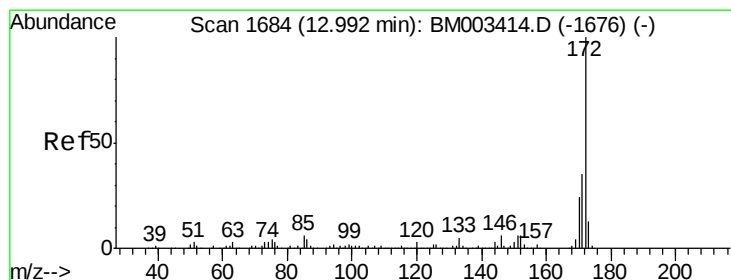
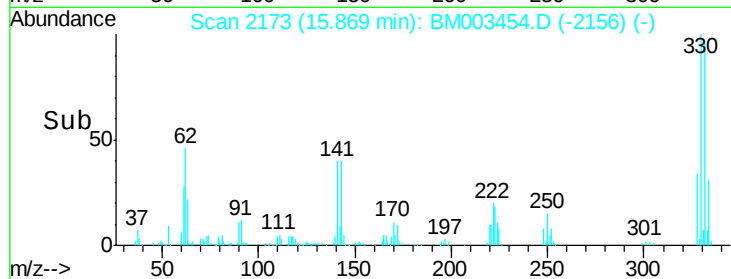
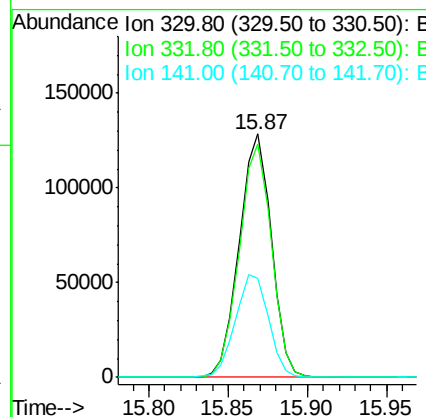
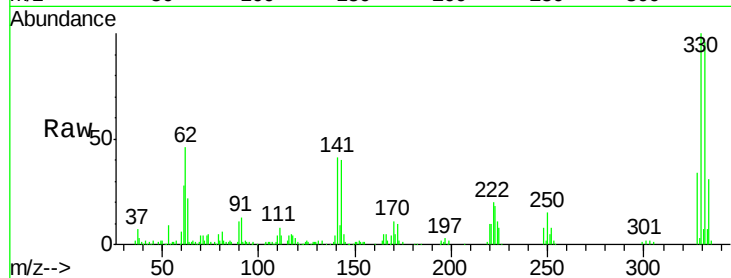
#41
 2,4,6-Tribromophenol
 Concen: 97.84 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003454.D
 Acq: 10 Dec 2015 16:08

Instrument :
 BNA_M
 ClientSampleId :
 TEC-17

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	181040		
332	96.0	0.0	0.0	0.0
141	43.1	0.0	0.0	0.0

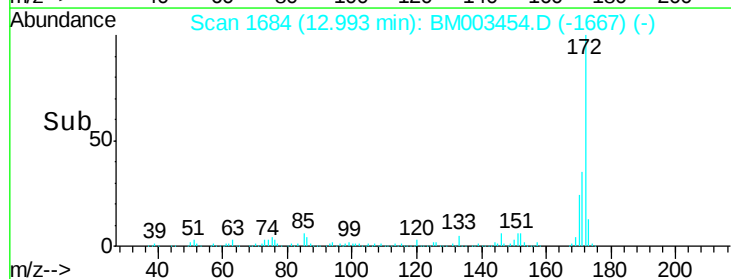
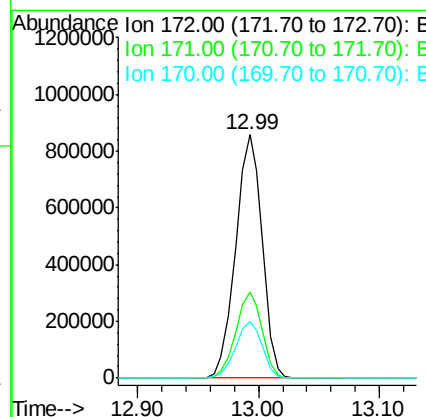
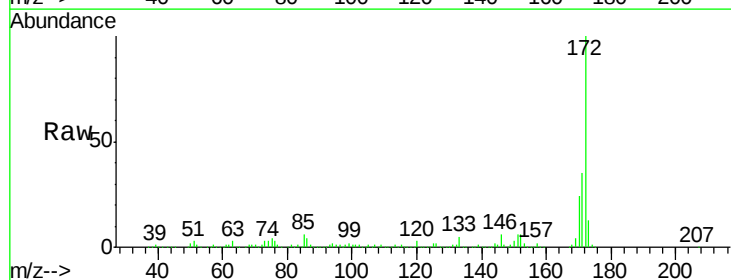
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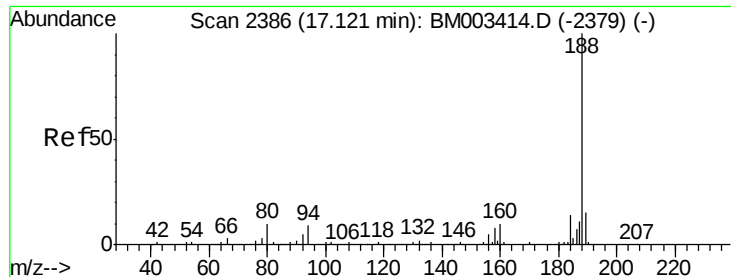
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#44
 2-Fluorobiphenyl
 Concen: 95.95 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003454.D
 Acq: 10 Dec 2015 16:08

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1304834		
171	35.2	28.5	42.7	
170	23.5	18.8	28.2	





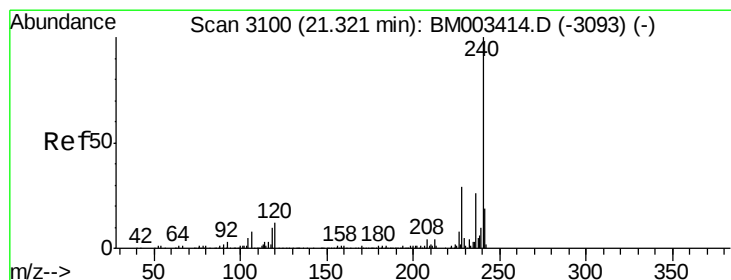
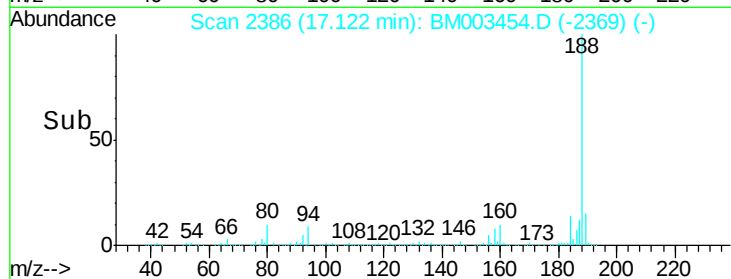
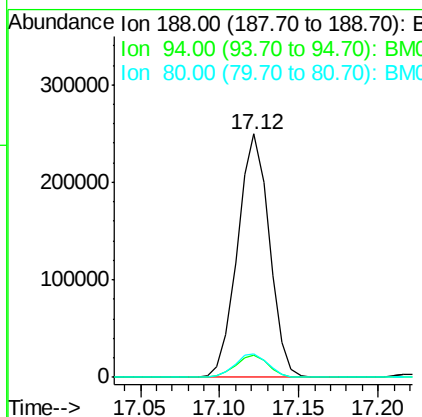
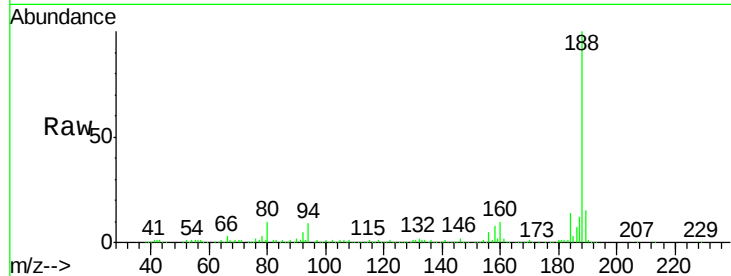
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.12 min Scan# 2386
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Instrument :
BNA_M
ClientSampleId :
TEC-17

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	9.2	8.7	13.1
80	9.6	9.3	13.9

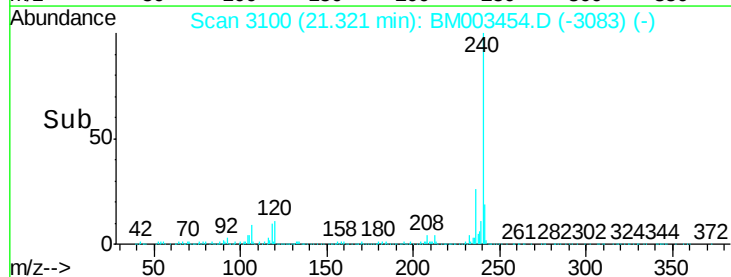
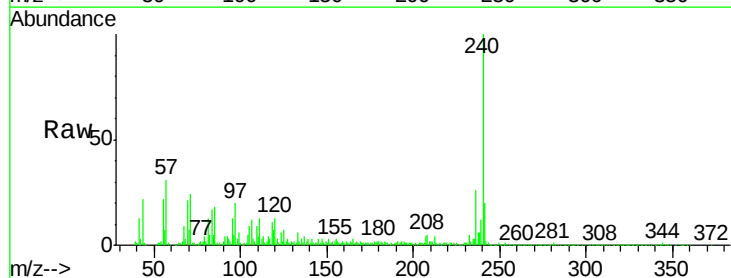
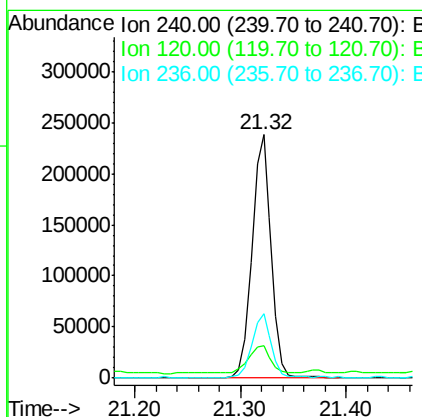
Manual Integrations
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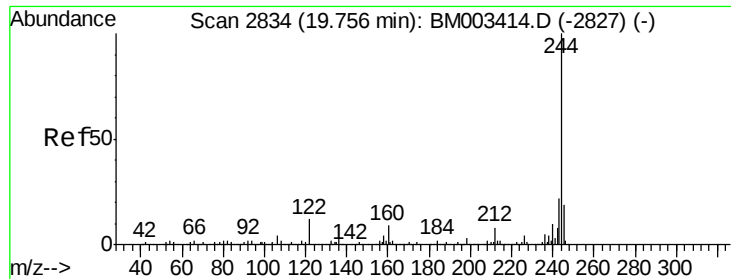
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.32 min Scan# 3100
Delta R.T. 0.00 min
Lab File: BM003454.D
Acq: 10 Dec 2015 16:08

Tgt Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	13.4	8.2	12.2#
236	26.5	20.0	30.0





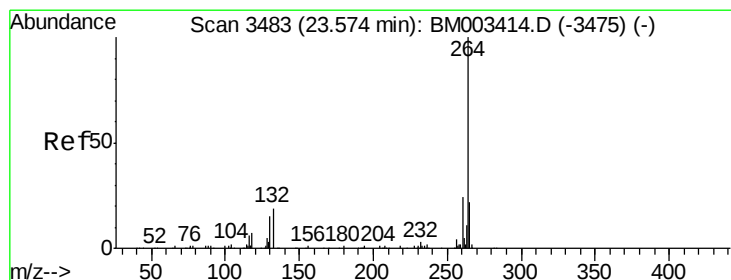
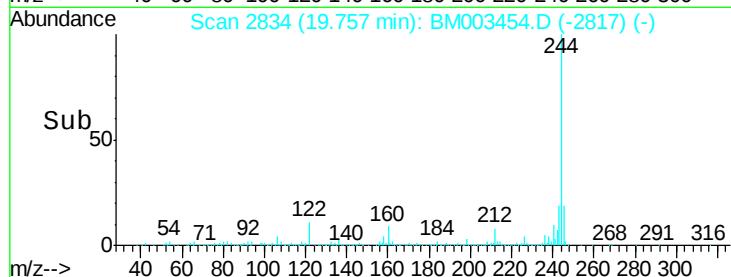
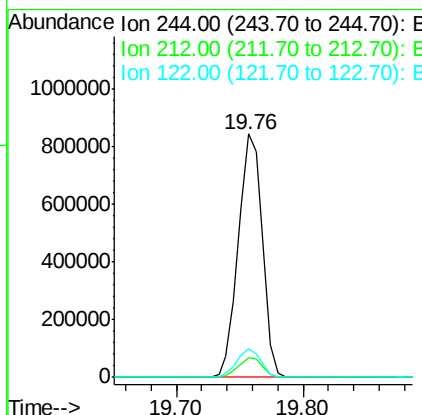
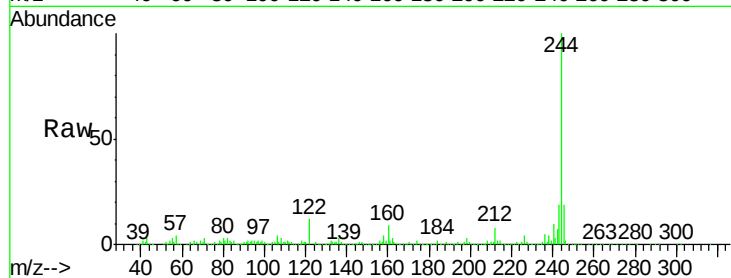
#78
 Terphenyl-d14
 Concen: 87.24 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM003454.D
 Acq: 10 Dec 2015 16:08

Instrument :
 BNA_M
 ClientSampleId :
 TEC-17

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.9	4.9	7.3#
122	11.6	6.2	9.4#

Manual Integrations
 APPROVED

MMdadoda
 12/10/2015 5:57:58 PM



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 23.58 min Scan# 3484
 Delta R.T. 0.01 min
 Lab File: BM003454.D
 Acq: 10 Dec 2015 16:08

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	18.6	27.8
265	22.4	17.3	25.9

