

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
 Data File : BM003435.D
 Acq On : 10 Dec 2015 04:42
 Operator : UM/IZ
 Sample : G4681-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 20151130-MGP214-BRV114

Manual Integrations
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 12/10/2015 5:48:34 PM

Quant Time: Dec 10 05:57:16 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	75626	20.00	ng	0.00
21) Naphthalene-d8	10.51	136	350836	20.00	ng	0.00
38) Acenaphthene-d10	14.37	164	209153	20.00	ng	0.00
63) Phenanthrene-d10	17.12	188	438850	20.00	ng	0.00
75) Chrysene-d12	21.32	240	375942	20.00	ng	0.00
86) Perylene-d12	23.57	264	334968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	242659	57.05	ng	0.00
7) Phenol-d6	6.89	99	201773	34.16	ng	0.00
23) Nitrobenzene-d5	8.88	82	494516	87.40	ng	0.00
41) 2,4,6-Tribromophenol	15.87	330	275182	131.74	ng	0.00
44) 2-Fluorobiphenyl	12.99	172	1259019	82.01	ng	0.00
78) Terphenyl-d14	19.76	244	1243852	78.03	ng	0.00
Target Compounds						Qvalue
49) Dimethylphthalate	13.83	163	65246	3.79	ng	98
51) Acenaphthene	14.43	154	143773	10.92	ng	100
57) Fluorene	15.42	166	64840	4.11	ng	99
74) Fluoranthene	19.19	202	82525	3.25	ng	98
77) Pyrene	19.54	202	90516	3.43	ng	100
80) Benzo(a)anthracene	21.30	228	49021	2.17	ng	97
87) Benzo(b)fluoranthene	22.89	252	57818m	2.84	ng	
89) Benzo(a)pyrene	23.47	252	46125	2.41	ng	# 96

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

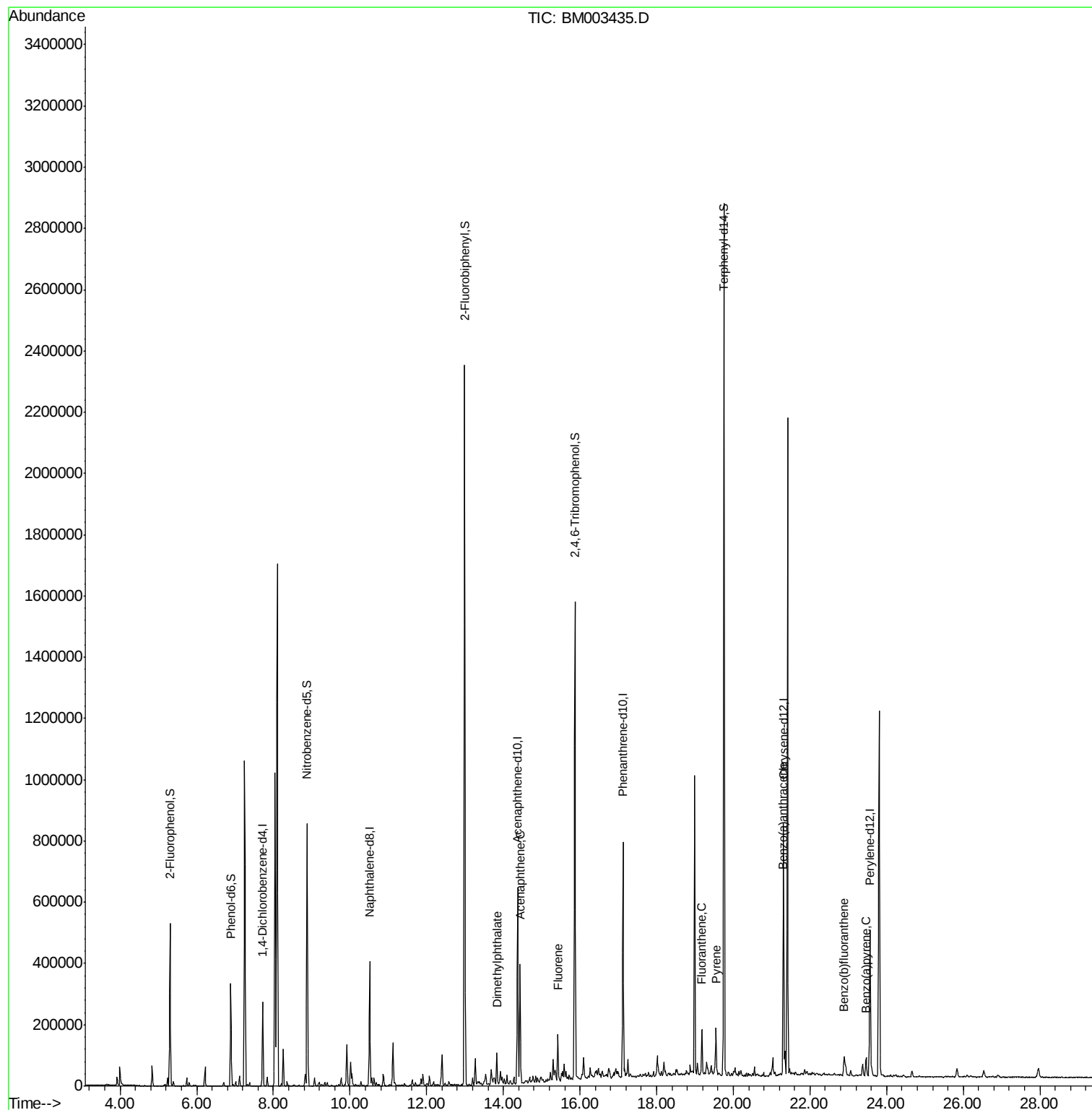
Data Path : Z:\HPCHEM1\BNA_M\DATA\BM120915\
Data File : BM003435.D
Acq On : 10 Dec 2015 04:42
Operator : UM/IZ
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Misc :
ALS Vial : 24 Sample Multiplier: 1

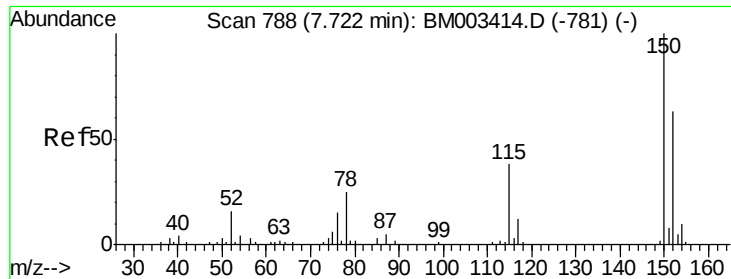
Instrument :
BNA_M
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20151130-MGP214-BRV114

Manual Integrations
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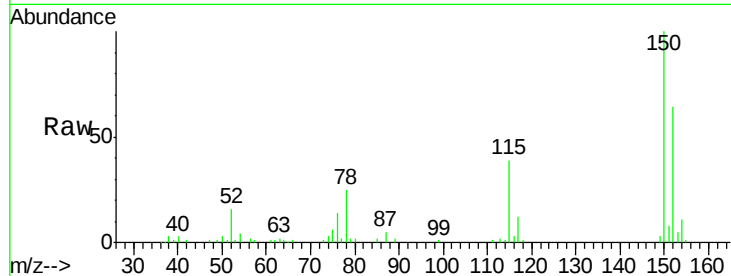




#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.72 min Scan# 788
Delta R.T. 0.00 min
Lab File: BM003435.D
Acq: 10 Dec 2015 04:42

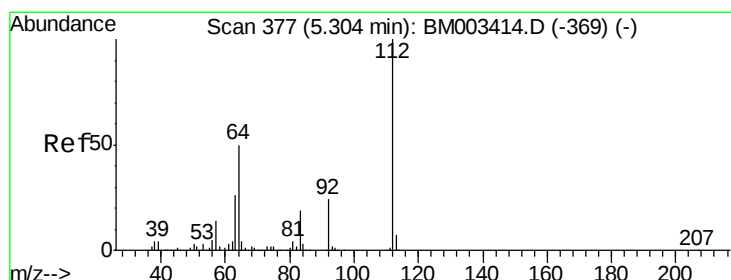
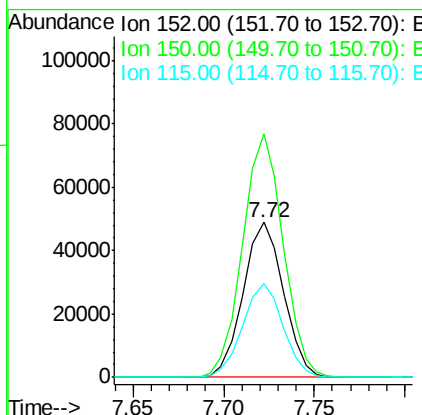
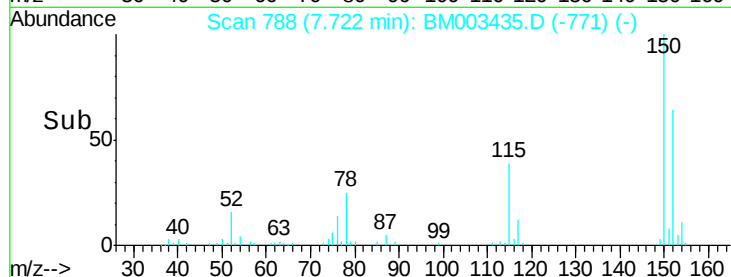
Instrument :
BNA_M
ClientSampleId :
20151130-MGP214-BRV114



Tgt Ion	Ratio	Lower	Upper
152	100		
150	157.4	119.5	179.3
115	60.7	43.0	64.4

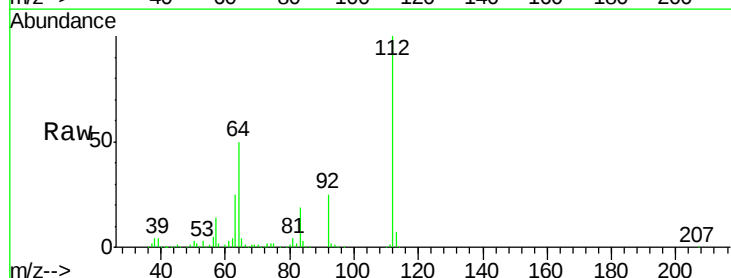
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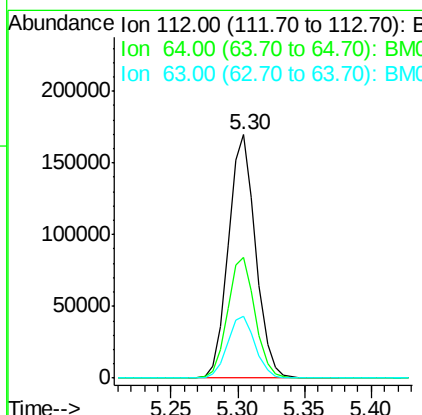
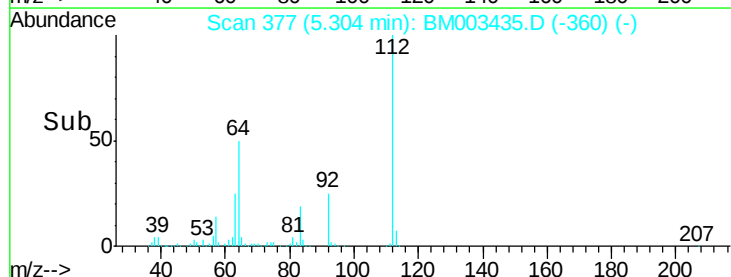


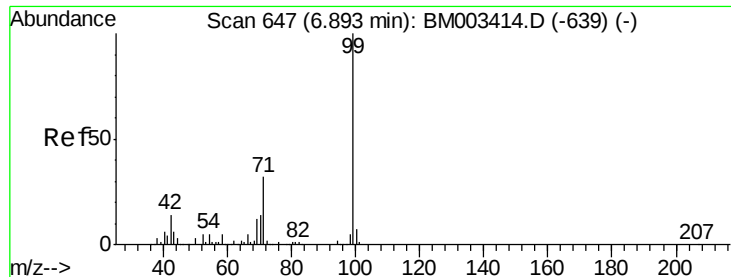
#5

2-Fluorophenol
Concen: 57.05 ng
RT: 5.30 min Scan# 377
Delta R.T. 0.00 min
Lab File: BM003435.D
Acq: 10 Dec 2015 04:42



Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	38.6	57.8
63	25.4	19.3	28.9





#7

Phenol-d6

Concen: 34.16 ng

RT: 6.89 min Scan# 646

Delta R.T. -0.01 min

Lab File: BM003435.D

Acq: 10 Dec 2015 04:42

Instrument :

BNA_M

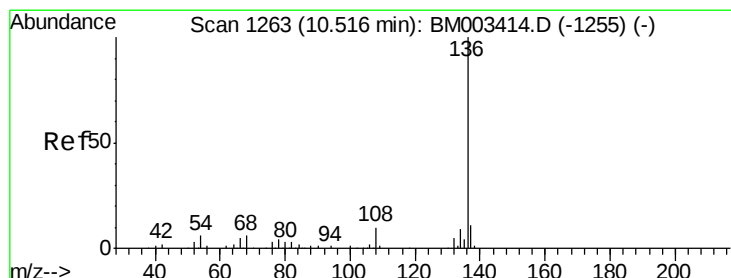
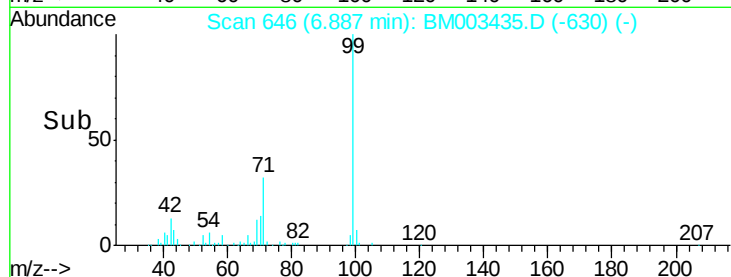
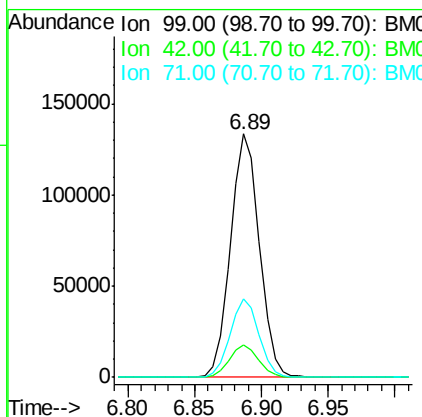
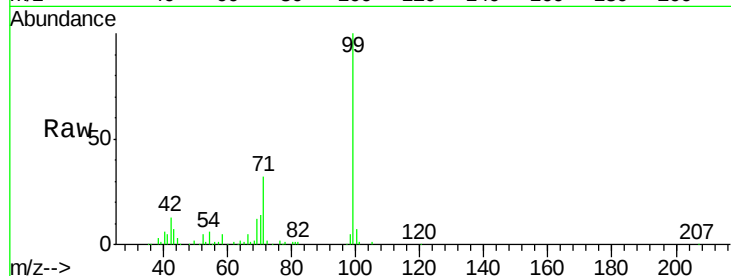
ClientSampleId :

20151130-MGP214-BRV114

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	201773		
42	13.2		11.0	16.4
71	32.0		23.4	35.2

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#21

Naphthalene-d8

Concen: 20.00 ng

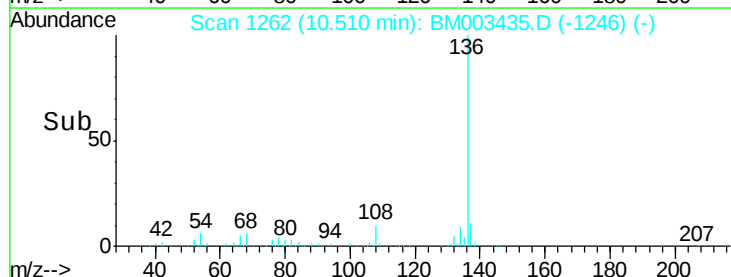
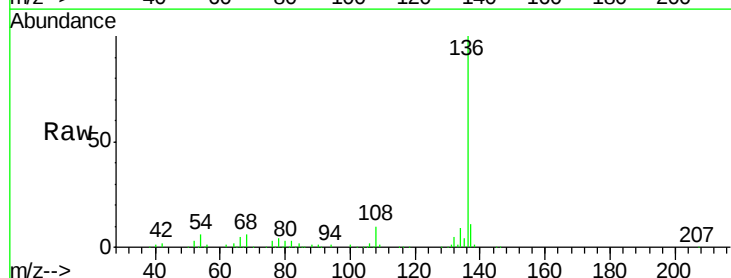
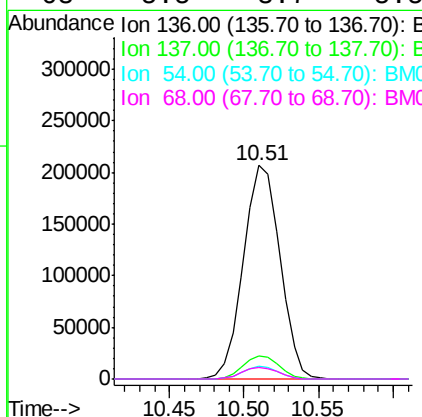
RT: 10.51 min Scan# 1262

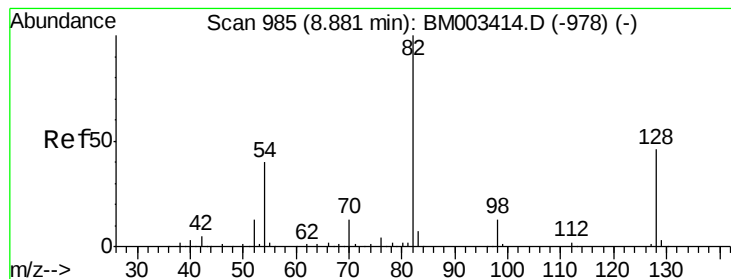
Delta R.T. -0.01 min

Lab File: BM003435.D

Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	350836		
137	11.0		8.7	13.1
54	5.8		4.6	6.8
68	5.5		3.7	5.5#





#23

Nitrobenzene-d5

Concen: 87.40 ng

RT: 8.88 min Scan# 985

Delta R.T. 0.00 min

Lab File: BM003435.D

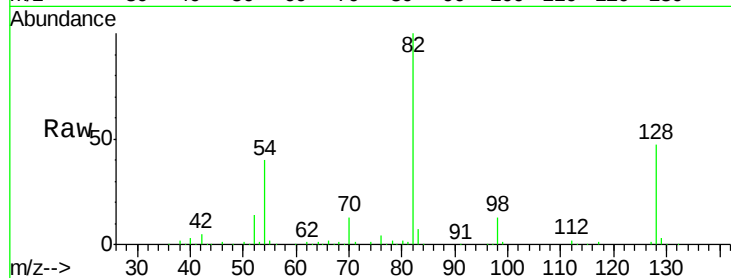
Acq: 10 Dec 2015 04:42

Instrument :

BNA_M

ClientSampleId :

20151130-MGP214-BRV114



Tgt Ion: 82 Resp: 494516

Ion Ratio Lower Upper

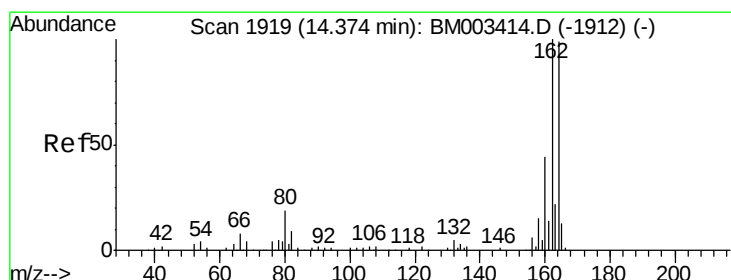
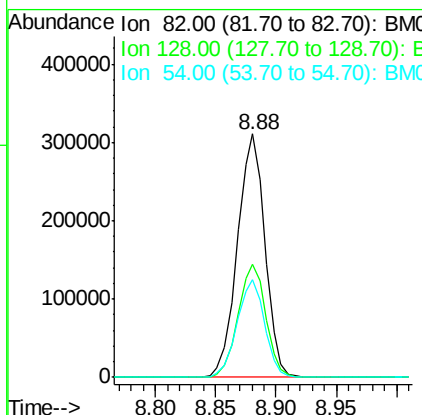
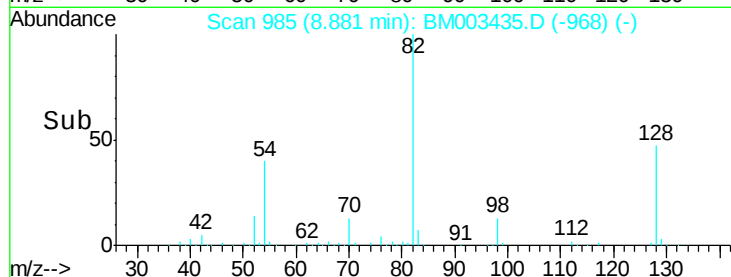
82 100

128 46.6 32.8 49.2

54 40.1 40.6 60.8#

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#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.37 min Scan# 1919

Delta R.T. 0.00 min

Lab File: BM003435.D

Acq: 10 Dec 2015 04:42

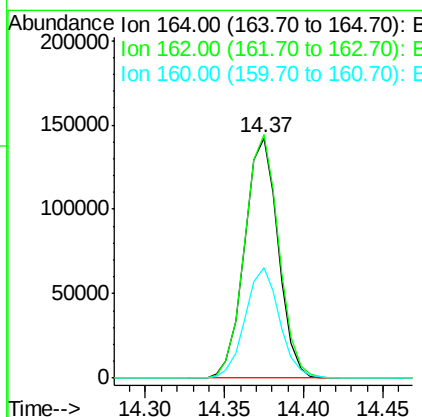
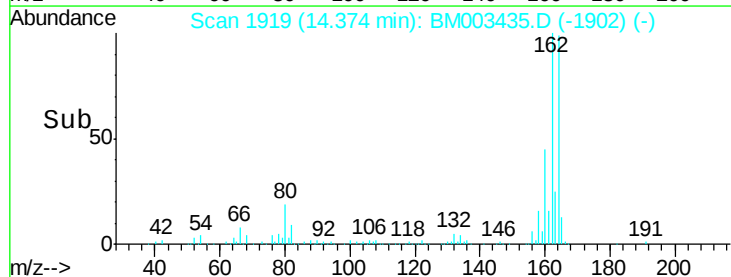
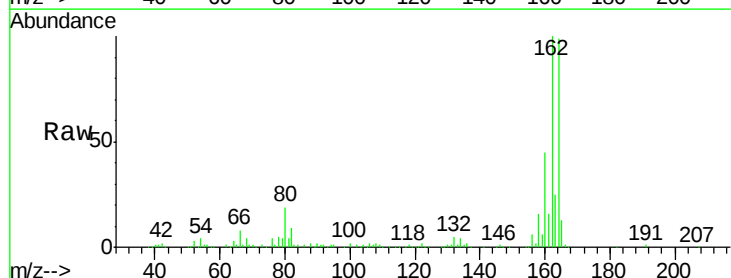
Tgt Ion: 164 Resp: 209153

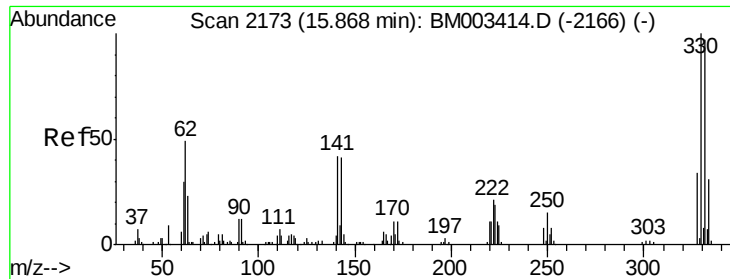
Ion Ratio Lower Upper

164 100

162 101.3 82.4 123.6

160 45.8 35.8 53.6





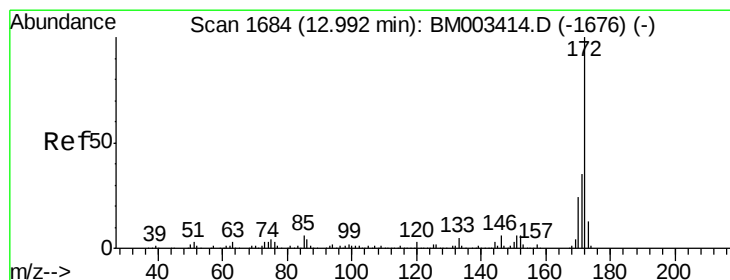
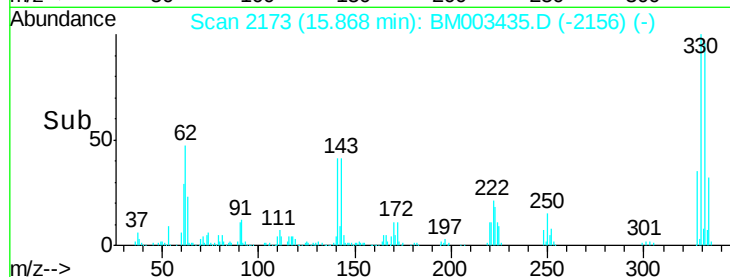
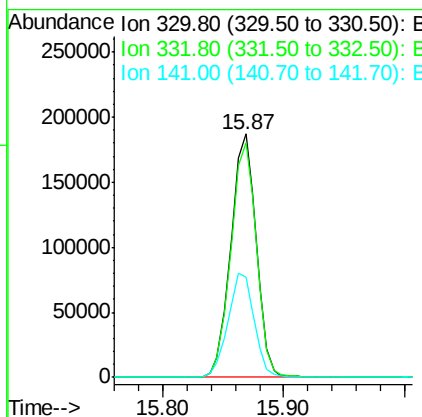
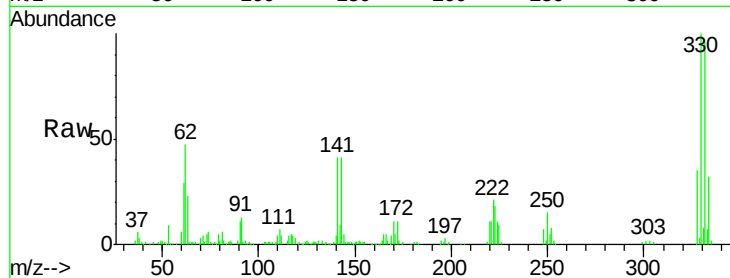
#41
 2,4,6-Tribromophenol
 Concen: 131.74 ng
 RT: 15.87 min Scan# 2173
 Delta R.T. 0.00 min
 Lab File: BM003435.D
 Acq: 10 Dec 2015 04:42

Instrument :
 BNA_M
 ClientSampleId :
 20151130-MGP214-BRV114

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	275182		
332	97.0	0.0	0.0	0.0
141	44.2	0.0	0.0	0.0

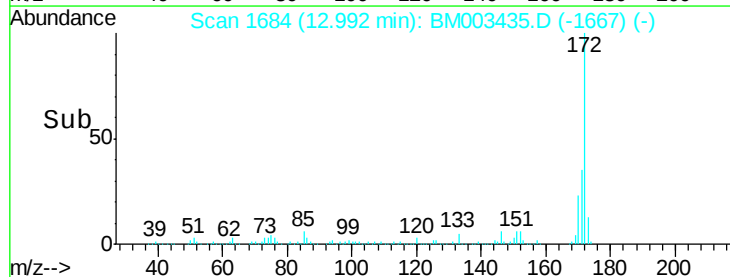
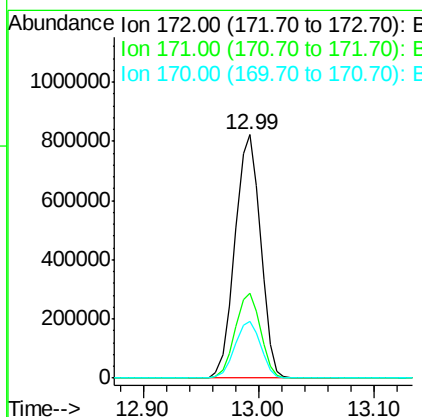
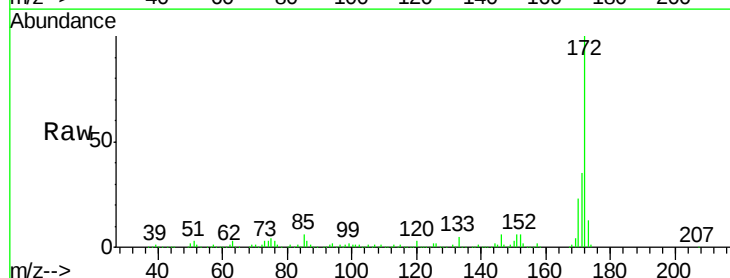
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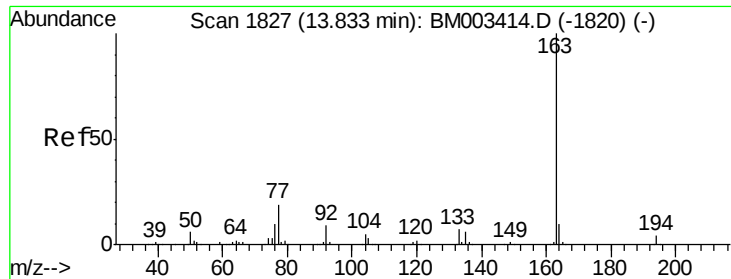
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#44
 2-Fluorobiphenyl
 Concen: 82.01 ng
 RT: 12.99 min Scan# 1684
 Delta R.T. 0.00 min
 Lab File: BM003435.D
 Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1259019		
171	34.9	28.5	42.7	
170	23.5	18.8	28.2	





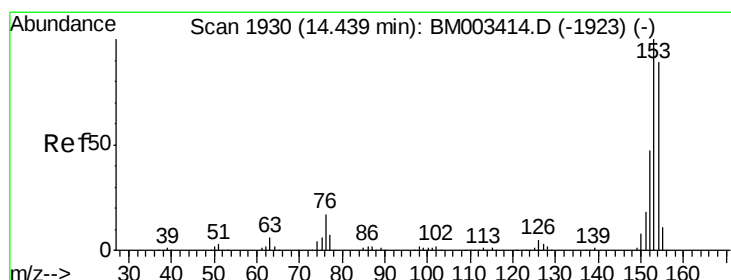
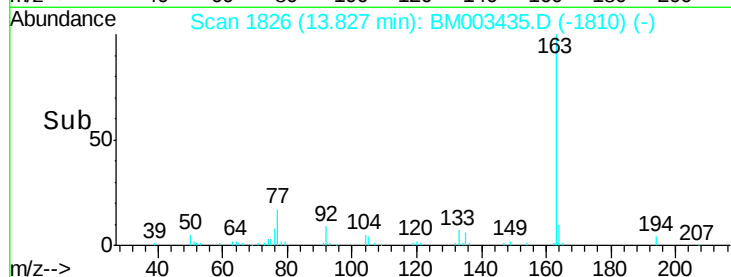
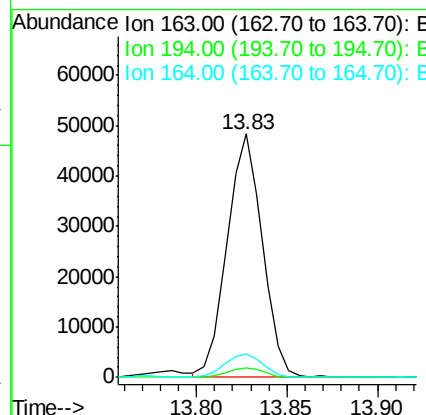
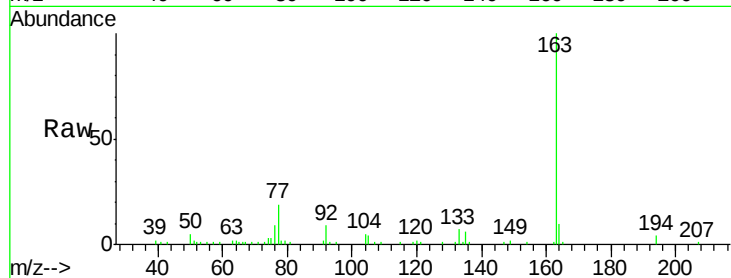
#49
Dimethylphthalate
Concen: 3.79 ng
RT: 13.83 min Scan# 1826
Delta R.T. -0.01 min
Lab File: BM003435.D
Acq: 10 Dec 2015 04:42

Instrument :
BNA_M
ClientSampleId :
20151130-MGP214-BRV114

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	65246		
194	3.9		2.7	4.1
164	9.6		8.2	12.2

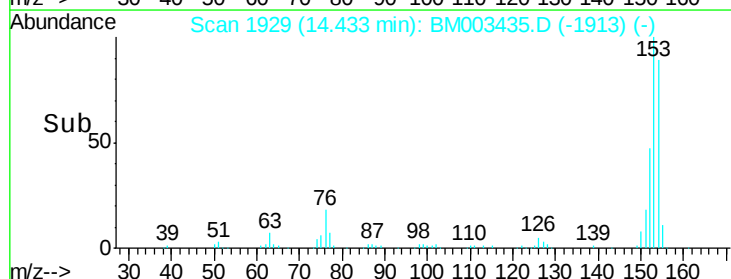
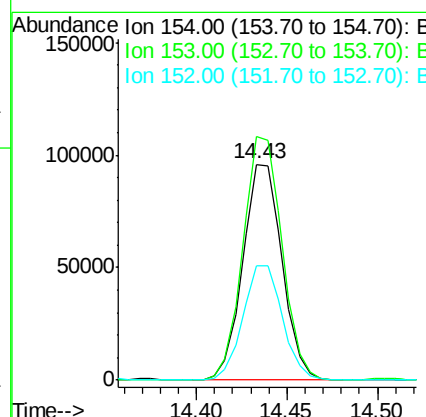
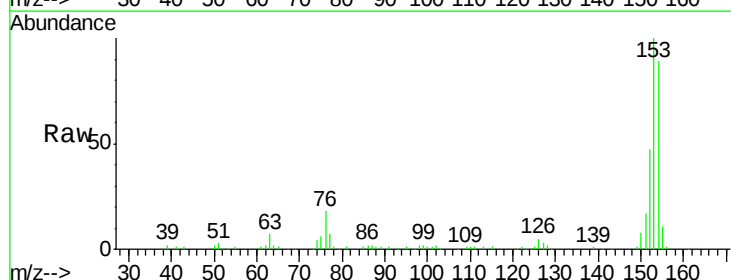
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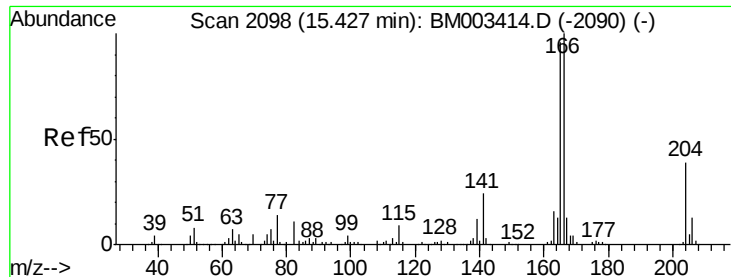
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#51
Acenaphthene
Concen: 10.92 ng
RT: 14.43 min Scan# 1929
Delta R.T. -0.01 min
Lab File: BM003435.D
Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	143773		
153	112.9		90.0	135.0
152	53.2		42.6	63.8





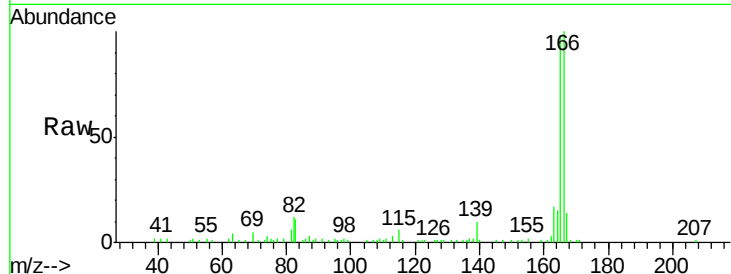
#57
Fluorene
 Concen: 4.11 ng
 RT: 15.42 min Scan# 2097
 Delta R.T. -0.01 min
 Lab File: BM003435.D
 Acq: 10 Dec 2015 04:42

Instrument :
 BNA_M
 ClientSampleId :
 20151130-MGP214-BRV114

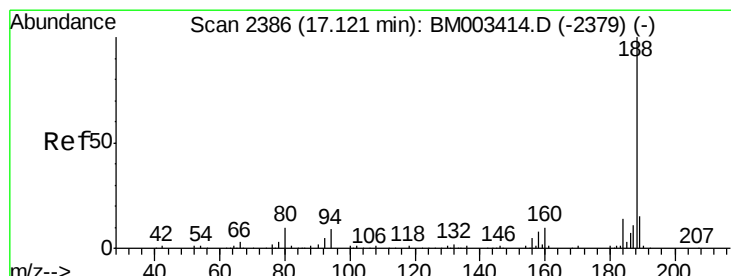
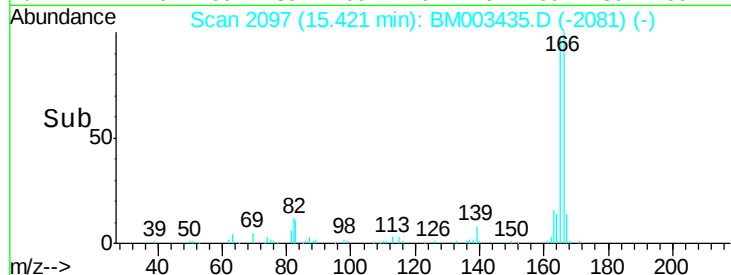
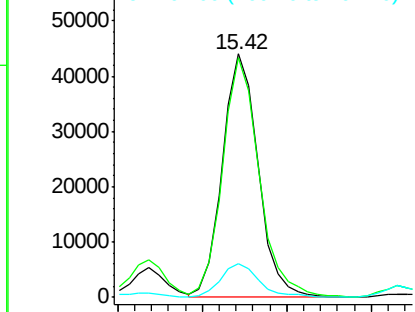
Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.3	79.0	118.4
167	13.8	10.3	15.5

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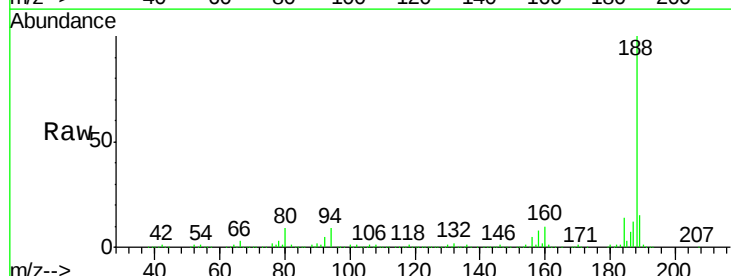


Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

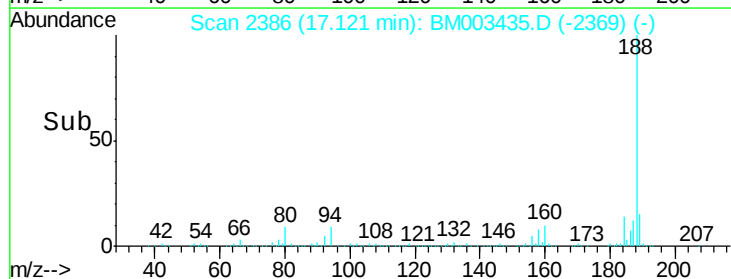
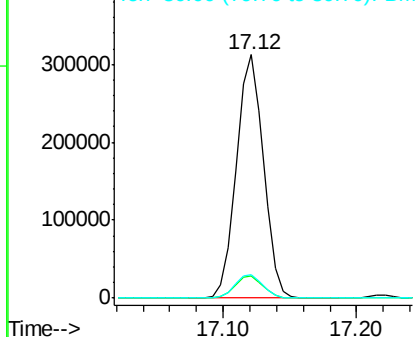


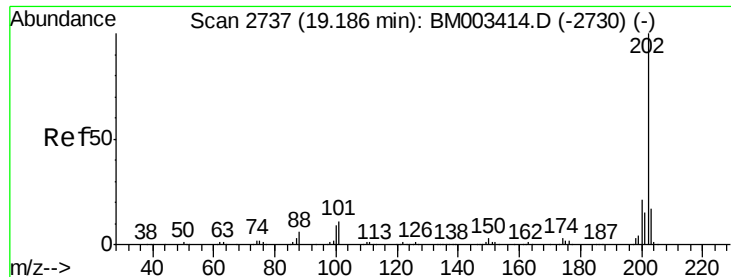
#63
Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.12 min Scan# 2386
 Delta R.T. 0.00 min
 Lab File: BM003435.D
 Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.7	13.1
80	9.5	9.3	13.9



Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BM0
 Ion 80.00 (79.70 to 80.70): BM0





#74

Fluoranthene

Concen: 3.25 ng

RT: 19.19 min Scan# 2737

Delta R.T. 0.00 min

Lab File: BM003435.D

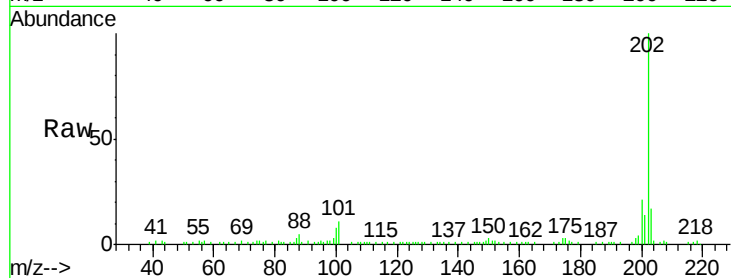
Acq: 10 Dec 2015 04:42

Instrument :

BNA_M

ClientSampleId :

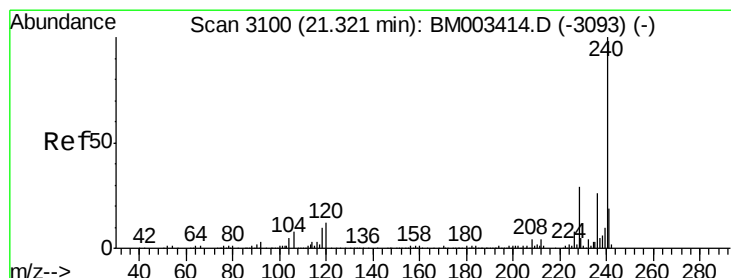
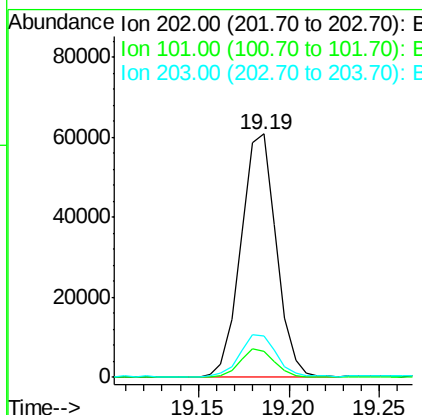
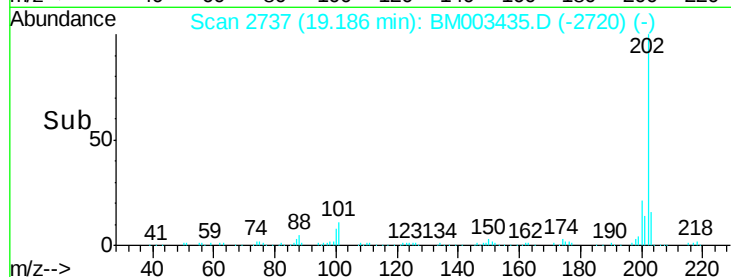
20151130-MGP214-BRV114



Tgt Ion	Ratio	Resp	Lower	Upper
202	100	82525		
101	10.6	0.0	28.7	
203	17.2	0.0	37.2	

Manual Integrations
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#75

Chrysene-d12

Concen: 20.00 ng

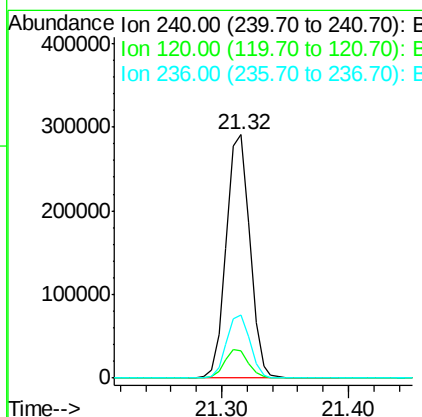
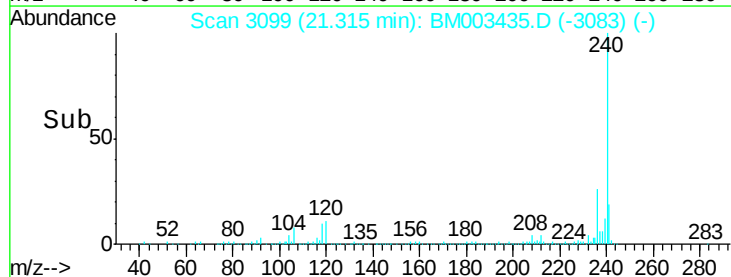
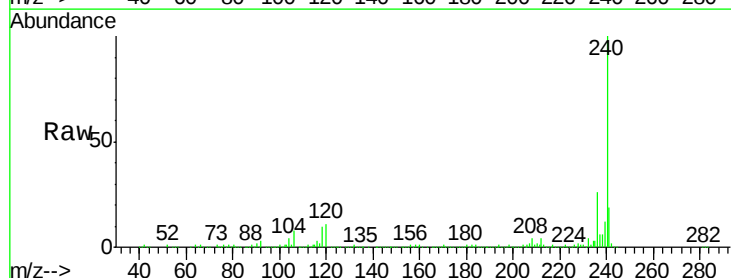
RT: 21.32 min Scan# 3099

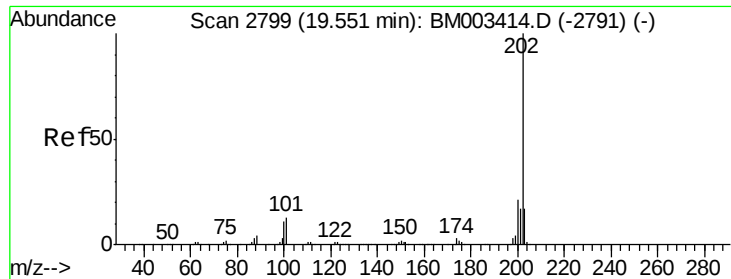
Delta R.T. -0.01 min

Lab File: BM003435.D

Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	375942		
120	11.2	8.2	12.2	
236	25.7	20.0	30.0	





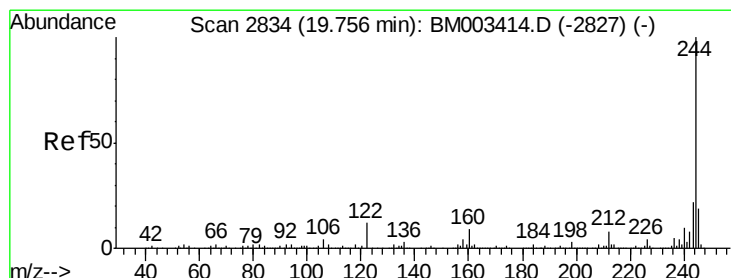
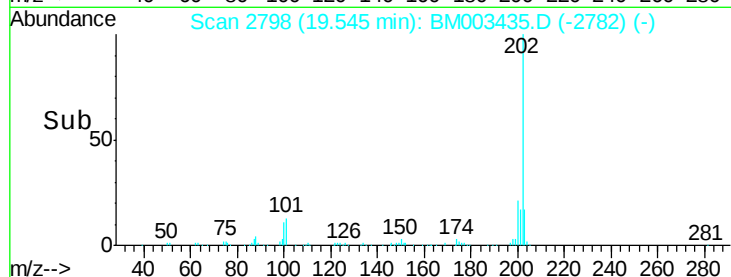
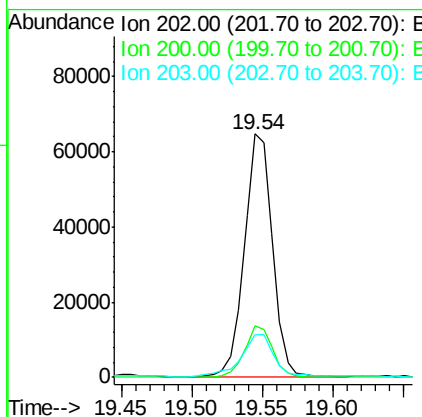
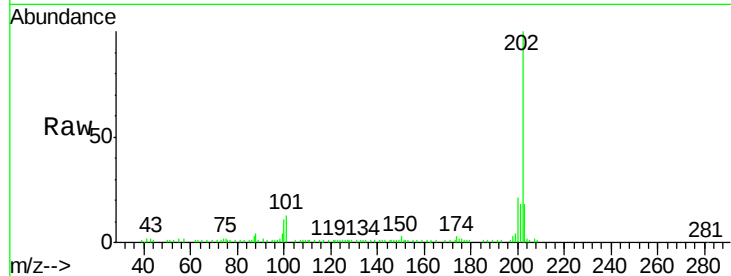
#77
 Pyrene
 Concen: 3.43 ng
 RT: 19.54 min Scan# 2798
 Delta R.T. -0.01 min
 Lab File: BM003435.D
 Acq: 10 Dec 2015 04:42

Instrument :
 BNA_M
 ClientSampleId :
 20151130-MGP214-BRV114

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.2	16.9	25.3
203	17.8	14.1	21.1

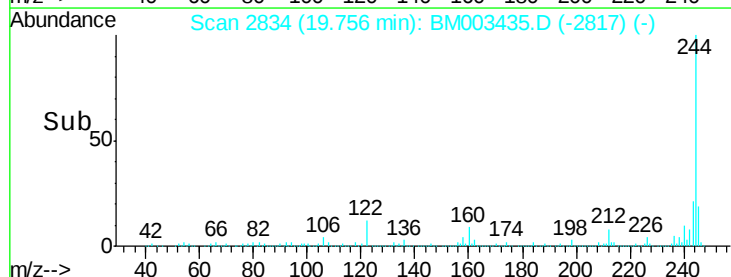
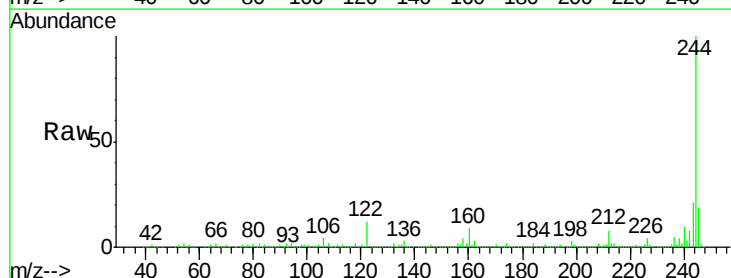
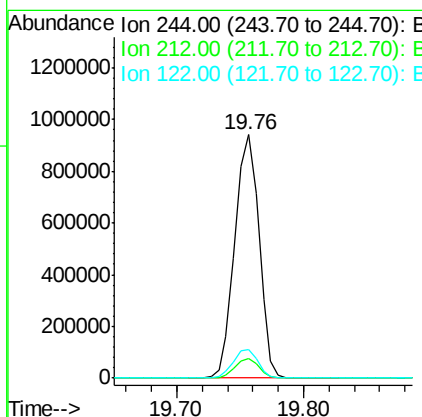
Manual Integrations
 APPROVED

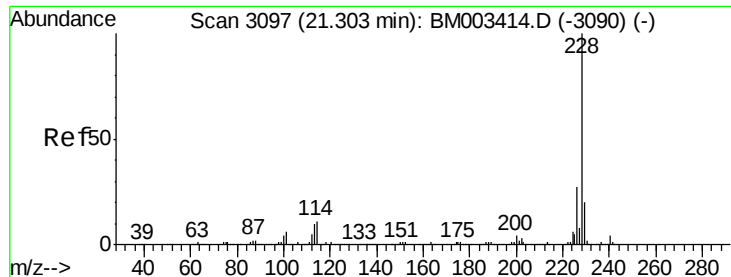
MMdadoda
 12/10/2015 5:48:34 PM



#78
 Terphenyl-d14
 Concen: 78.03 ng
 RT: 19.76 min Scan# 2834
 Delta R.T. 0.00 min
 Lab File: BM003435.D
 Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	8.1	4.9	7.3#
122	11.6	6.2	9.4#





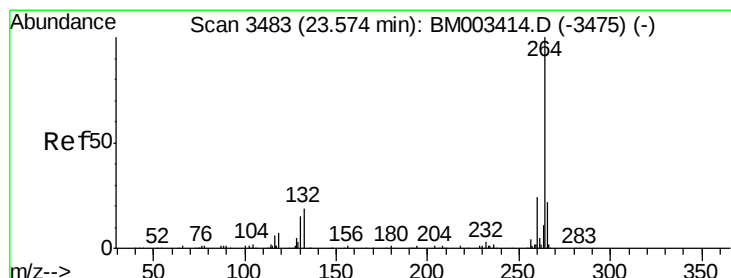
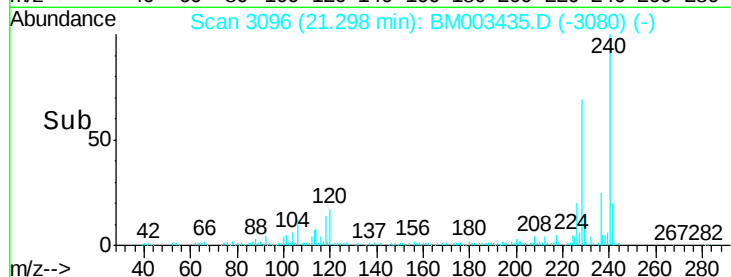
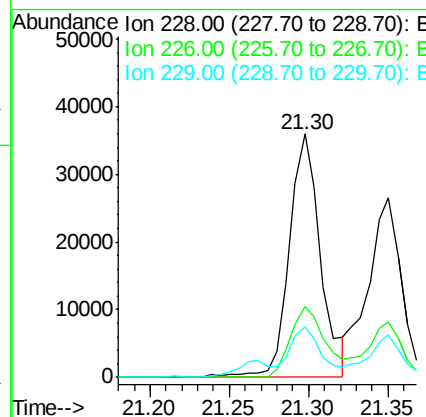
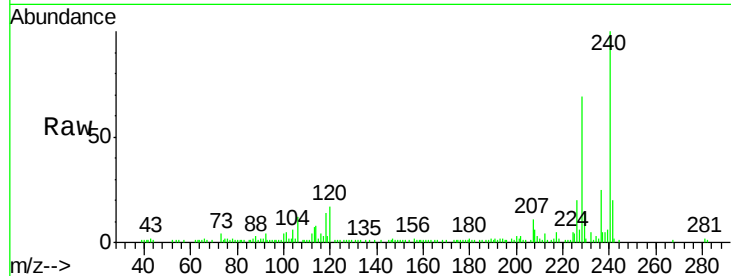
#80
Benzo(a)anthracene
Concen: 2.17 ng
RT: 21.30 min Scan# 3096
Delta R.T. -0.01 min
Lab File: BM003435.D
Acq: 10 Dec 2015 04:42

Instrument :
BNA_M
ClientSampleId :
20151130-MGP214-BRV114

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.9	21.7	32.5
229	20.8	16.0	24.0

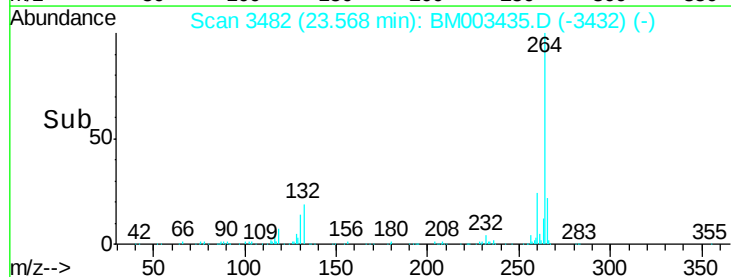
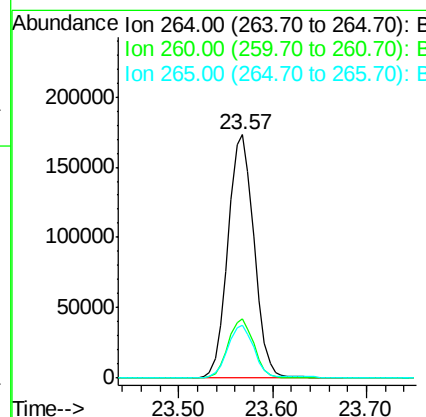
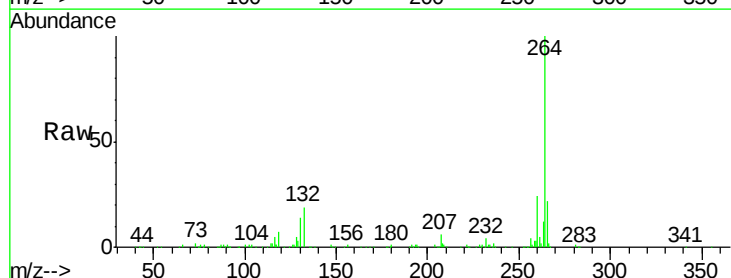
Manual Integrations
APPROVED

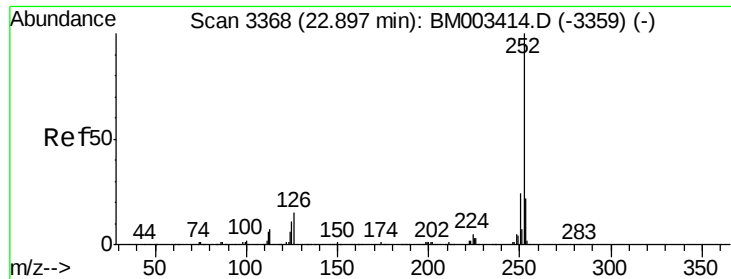
MMdadoda
12/10/2015 5:48:34 PM



#86
Perylene-d12
Concen: 20.00 ng
RT: 23.57 min Scan# 3482
Delta R.T. -0.01 min
Lab File: BM003435.D
Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.4	18.6	27.8
265	21.7	17.3	25.9





#87

Benzo(b)fluoranthene

Concen: 2.84 ng m

RT: 22.89 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BM003435.D

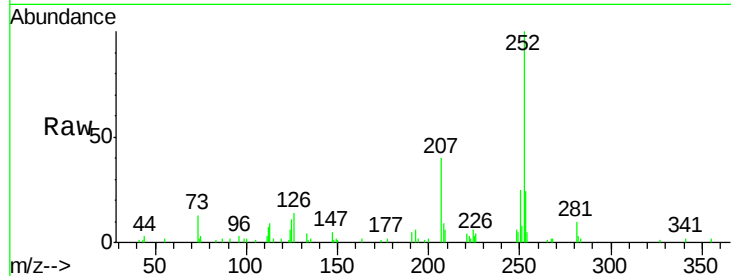
Acq: 10 Dec 2015 04:42

Instrument :

BNA_M

ClientSampleId :

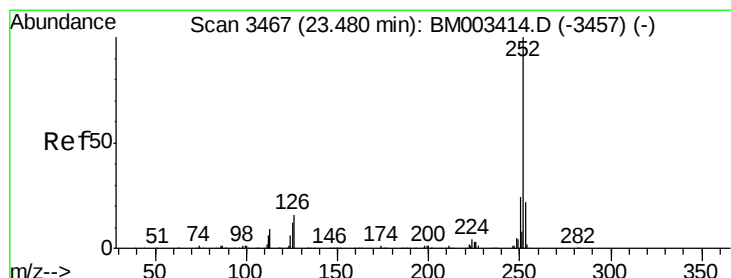
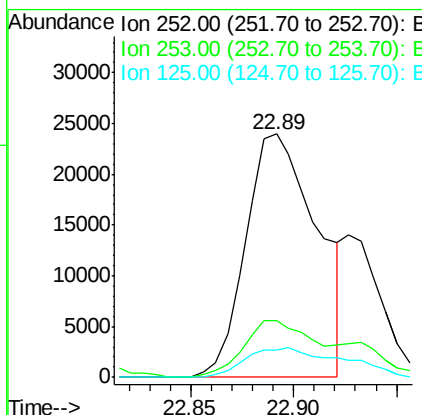
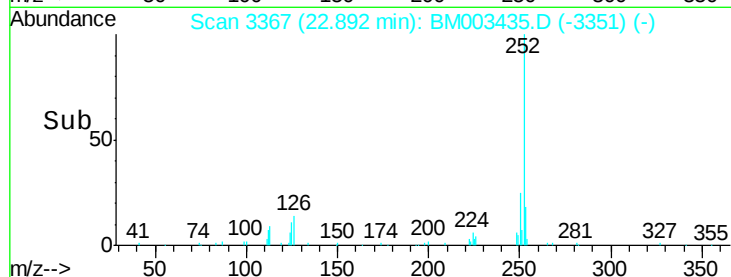
20151130-MGP214-BRV114



Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	11.4	9.9	14.9

Manual Integrations
APPROVED

MMdadoda
12/10/2015 5:48:34 PM



#89

Benzo(a)pyrene

Concen: 2.41 ng

RT: 23.47 min Scan# 3465

Delta R.T. -0.01 min

Lab File: BM003435.D

Acq: 10 Dec 2015 04:42

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.6	26.4
125	11.9	7.4	11.2#

