

Data Path : Z:\HPCHEM1\BNA M\DATA\BM110515\
 Data File : BM003061.D
 Acq On : 05 Nov 2015 13:19
 Operator : UM/IZ
 Sample : PB86422BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB86422BL

Manual Integrations
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Mmdadoda
 11/6/2015 3:46:02 PM

Quant Time: Nov 06 07:35:43 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 05 10:29:18 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	47707	5.00	ng	0.00
7) Naphthalene-d8	10.54	136	183644	5.00	ng	0.00
13) Acenaphthene-d10	14.39	164	81877	5.00	ng	0.00
19) Phenanthrene-d10	17.14	188	198508	5.00	ng	0.00
26) Chrysene-d12	21.33	240	177409	5.00	ng	0.00
35) Perylene-d12	23.61	264	154823	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.35	112	112114	11.10	ng	0.00
5) Phenol-d6	6.92	99	134332	11.40	ng	0.00
8) Nitrobenzene-d5	8.92	82	47395	5.60	ng	0.00
14) 2,4,6-Tribromophenol	15.88	330	23842	11.24	ng	0.00
15) 2-Fluorobiphenyl	13.03	172	162195	6.28	ng	0.00
29) Terphenyl-d14	19.77	244	135425	5.30	ng	0.00
Target Compounds						
28) Pyrene	19.57	202	1696	0.03	ng	Qvalue # 95
30) Benzo(a)anthracene	21.31	228	4929m	0.14	ng	
34) Indeno(1,2,3-cd)pyrene	26.59	276	4423	0.16	ng	99
36) Benzo(b)fluoranthene	22.92	252	6976	0.12	ng	# 84
37) Benzo(k)fluoranthene	22.96	252	5976	0.10	ng	# 79
38) Benzo(a)pyrene	23.50	252	3645	0.09	ng	# 64
39) Dibenzo(a,h)anthracene	25.91	278	3492	0.09	ng	# 82
40) Benzo(g,h,i)perylene	26.59	276	4423	0.11	ng	# 90

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

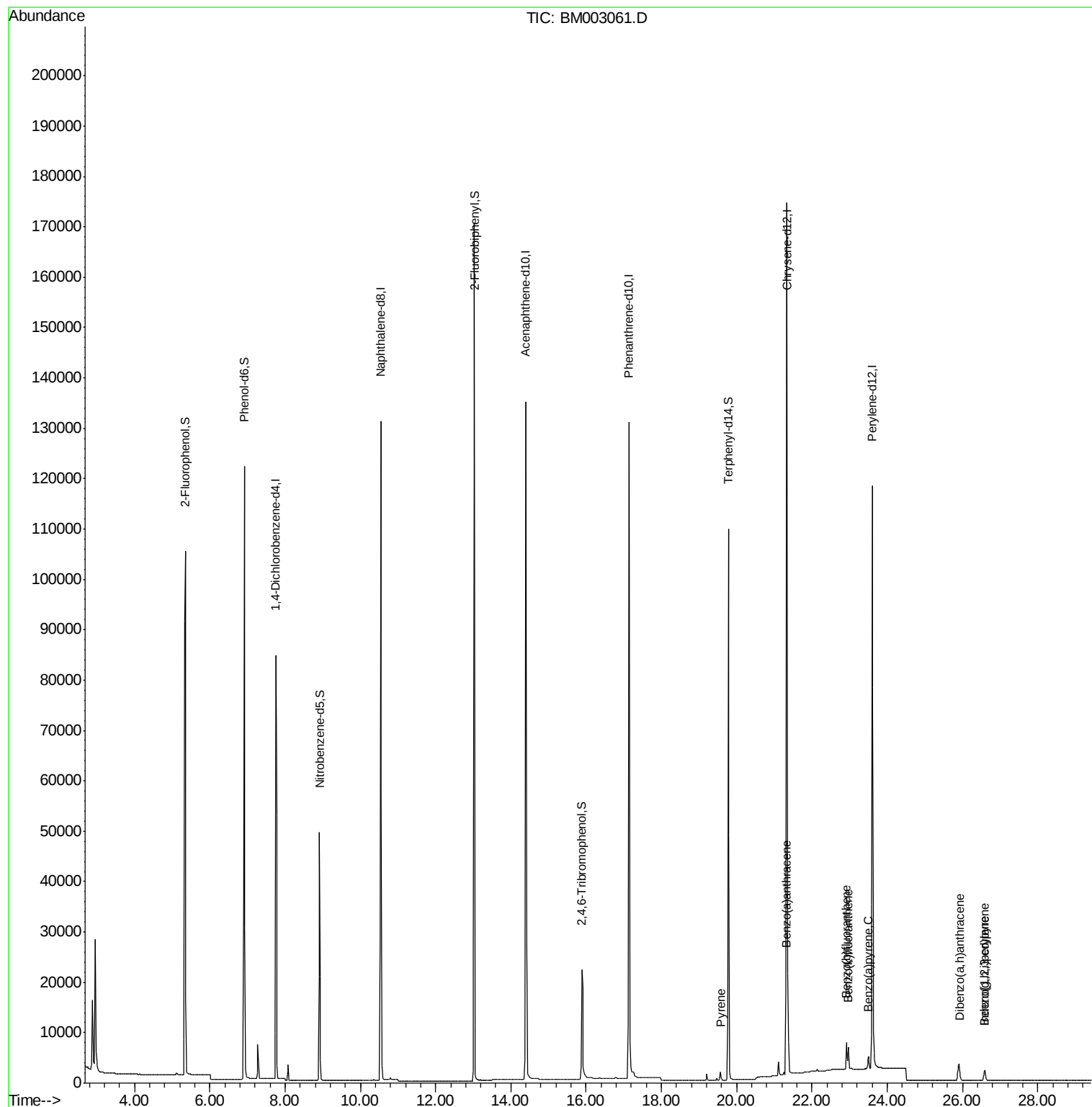
Data Path : Z:\HPCHEM1\BNA M\DATA\BM110515\
Data File : BM003061.D
Acq On : 05 Nov 2015 13:19
Operator : UM/IZ
Sample : PB86422BL
Misc :
ALS Vial : 12 Sample Multiplier: 1

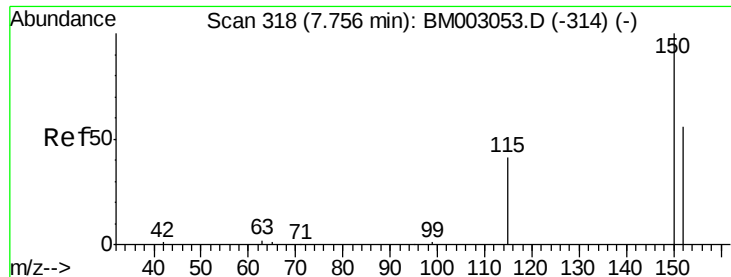
Instrument :
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ClientSampleId :
PB86422BL

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Quant Method : Z:\HPCHEM1\BNA M\METHODS\8270-SIM-BM110415.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 05 10:29:18 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 5.00 ng

RT: 7.76 min Scan# 318

Delta R.T. 0.00 min

Lab File: BM003061.D

Acq: 05 Nov 2015 13:19

Instrument :

BNA_M

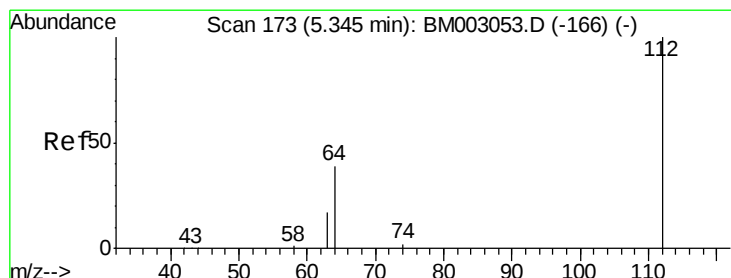
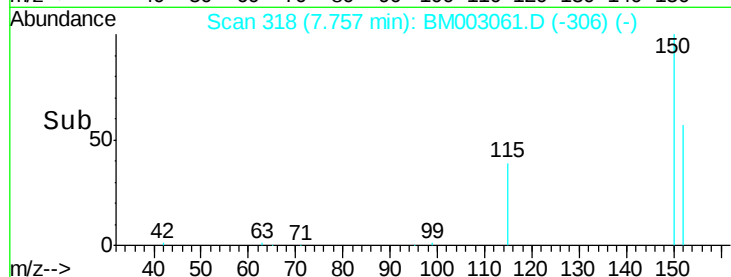
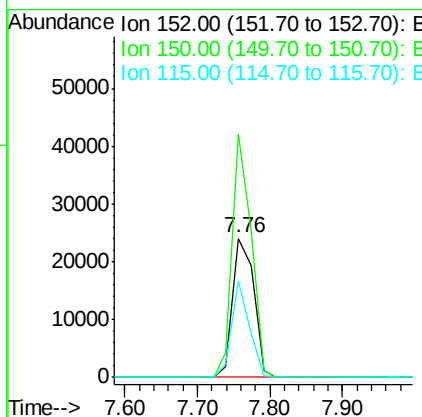
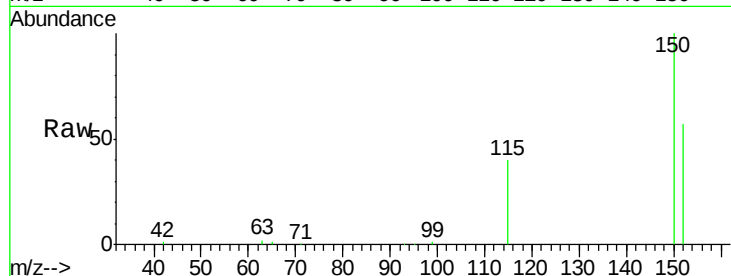
ClientSampleId :

PB86422BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	175.1	143.6	215.4
115	69.3	58.5	87.7

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#4

2-Fluorophenol

Concen: 11.10 ng

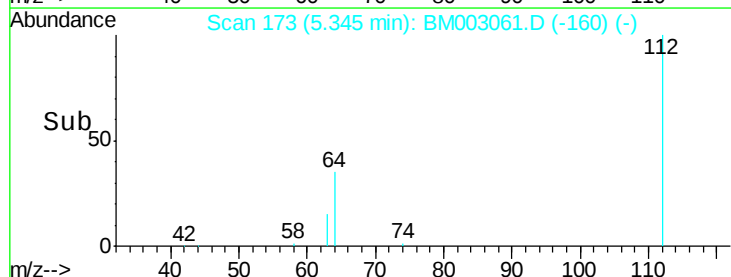
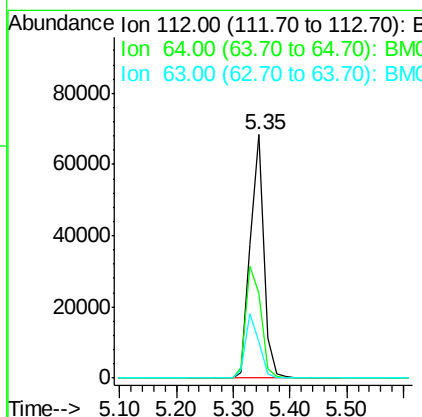
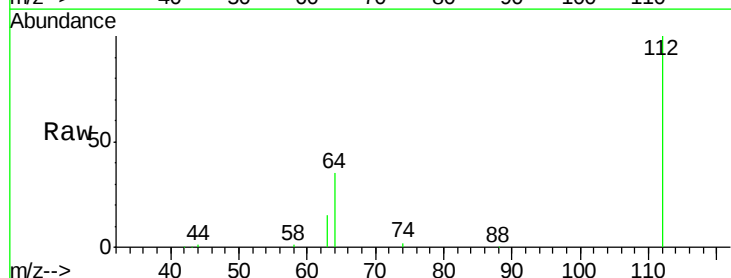
RT: 5.35 min Scan# 173

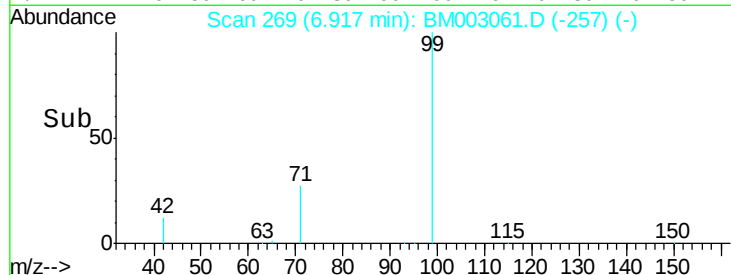
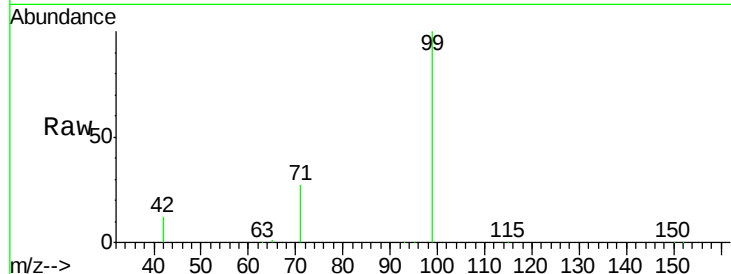
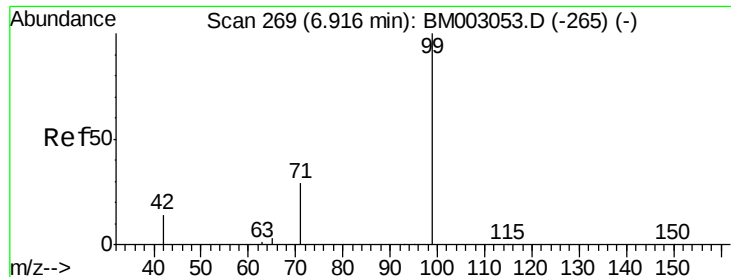
Delta R.T. 0.00 min

Lab File: BM003061.D

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Tgt Ion	Ratio	Lower	Upper
112	100		
64	50.8	41.2	61.8
63	26.3	21.2	31.8





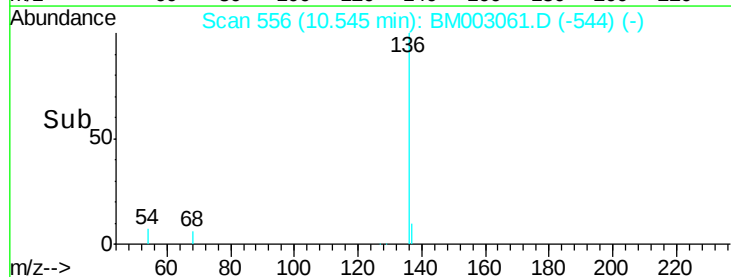
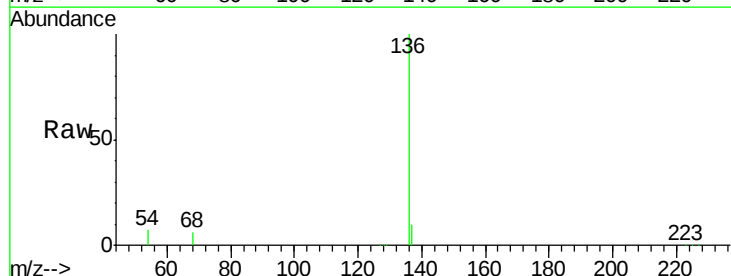
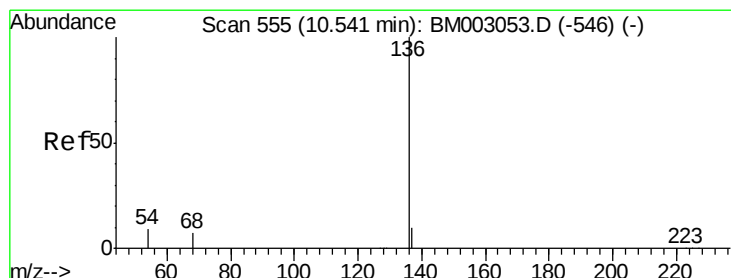
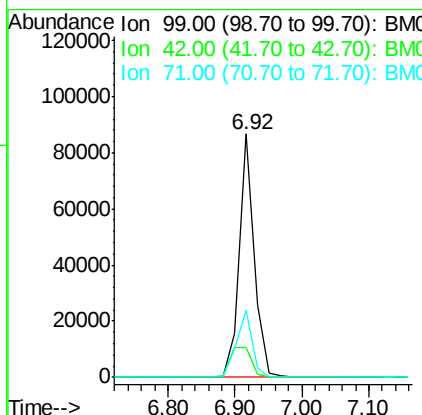
#5
Phenol-d6
Concen: 11.40 ng
RT: 6.92 min Scan# 269
Delta R.T. 0.00 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		134332		
42	17.0	14.6	22.0		
71	29.1	23.3	34.9		

Instrument :
BNA_M
ClientSampleId :
PB86422BL

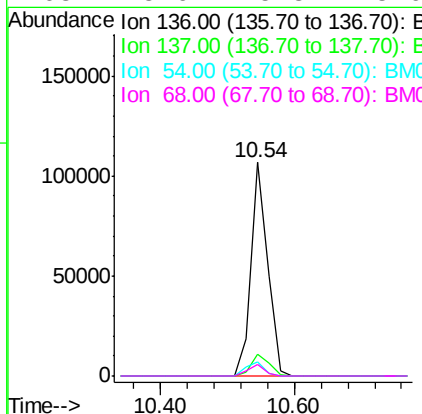
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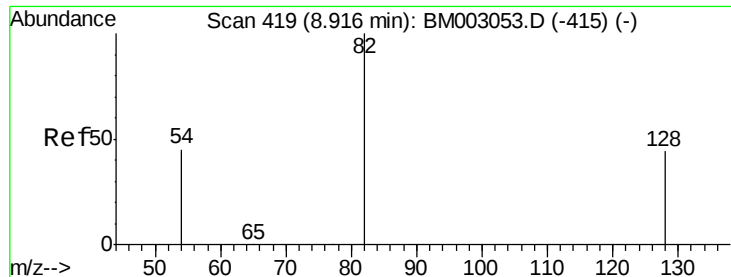
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#7
Naphthalene-d8
Concen: 5.00 ng
RT: 10.54 min Scan# 556
Delta R.T. 0.00 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		183644		
137	10.3	8.0	12.0		
54	6.7	7.4	11.0#		
68	5.6	5.8	8.6#		





#8

Nitrobenzene-d5

Concen: 5.60 ng

RT: 8.92 min Scan# 420

Delta R.T. 0.00 min

Lab File: BM003061.D

Acq: 05 Nov 2015 13:19

Instrument :

BNA_M

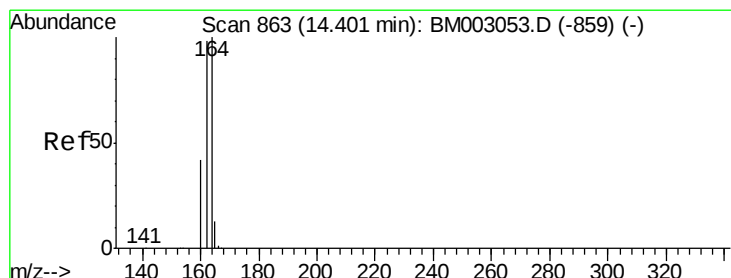
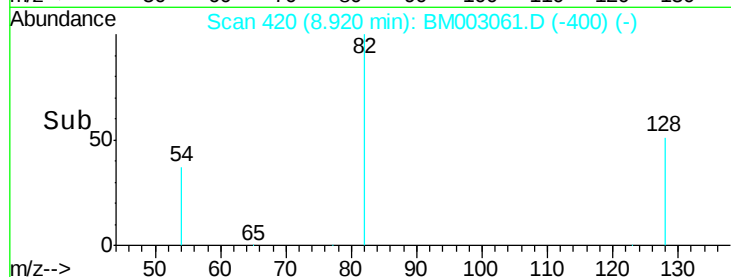
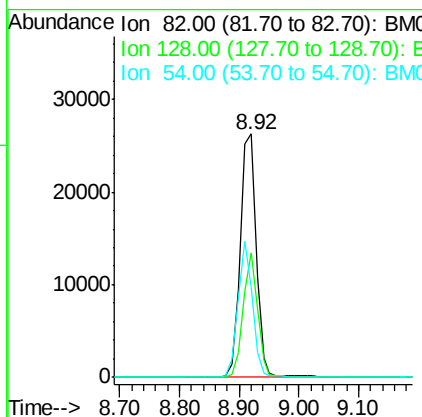
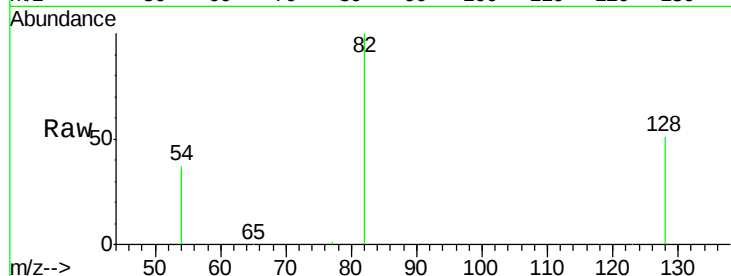
ClientSampleId :

PB86422BL

Tot Ion:	82	Resp:	47395
Ion Ratio	Lower	Upper	
82	100		
128	51.0	35.2	52.8
54	36.8	36.4	54.6

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#13

Acenaphthene-d10

Concen: 5.00 ng

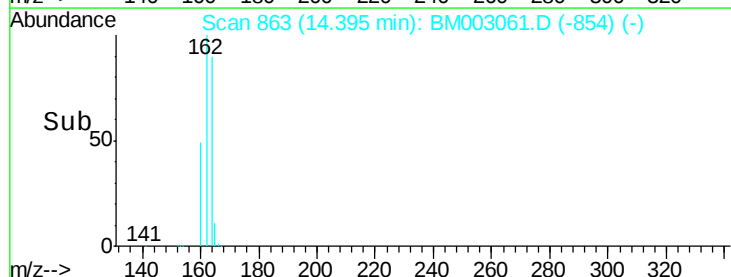
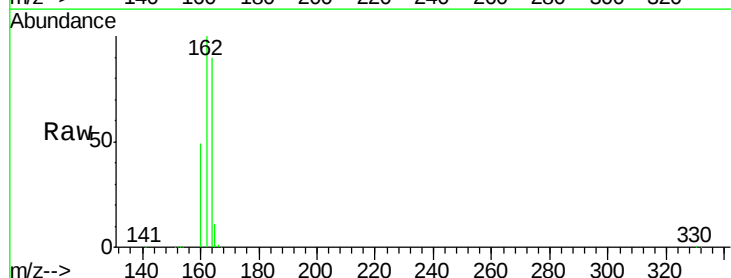
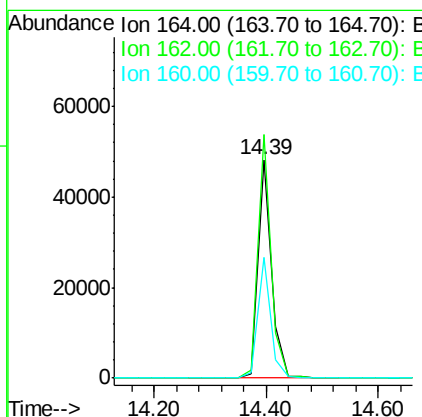
RT: 14.39 min Scan# 863

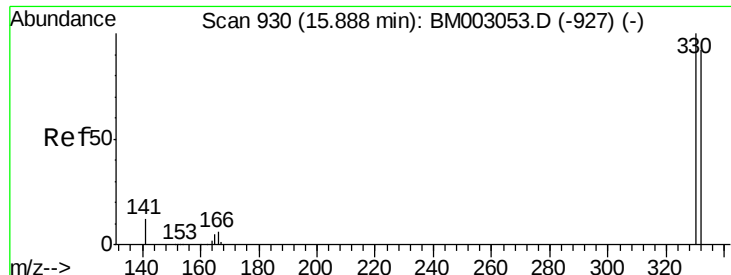
Delta R.T. -0.01 min

Lab File: BM003061.D

Acq: 05 Nov 2015 13:19

Tgt Ion:	164	Resp:	81877
Ion Ratio	Lower	Upper	
164	100		
162	111.6	78.3	117.5
160	55.1	33.8	50.6





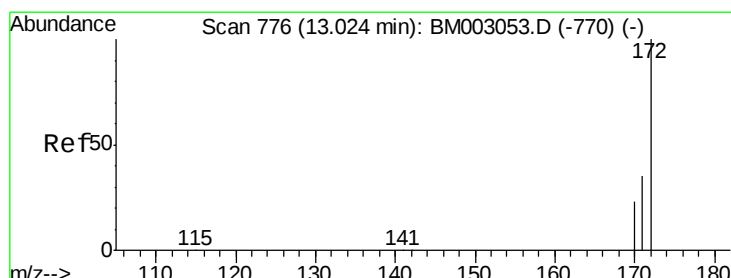
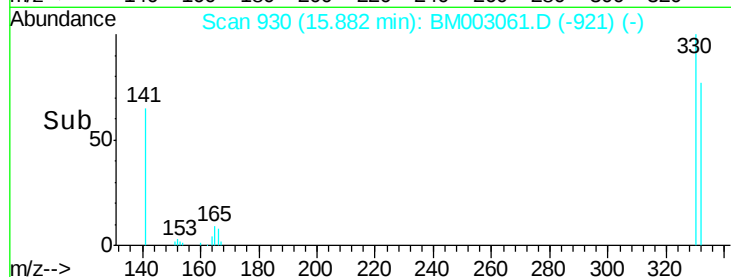
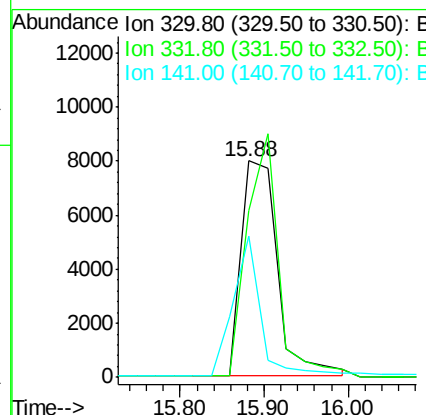
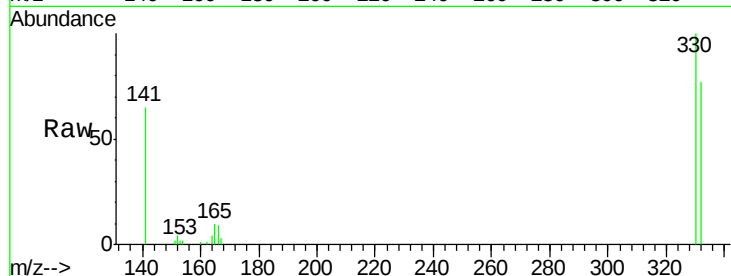
#14
 2,4,6-Tribromophenol
 Concen: 11.24 ng
 RT: 15.88 min Scan# 930
 Delta R.T. -0.01 min
 Lab File: BM003061.D
 Acq: 05 Nov 2015 13:19

Instrument :
 BNA_M
 ClientSampleId :
 PB86422BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	0.0	76.0	114.0#
141	48.0	0.0	0.0#

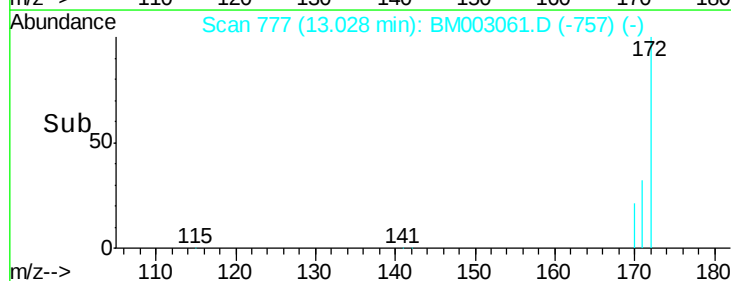
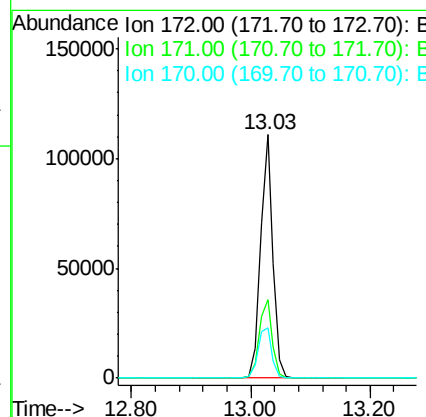
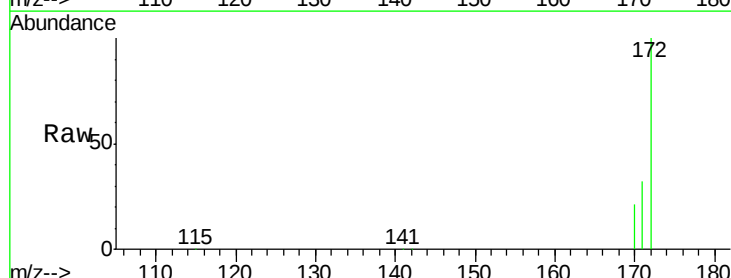
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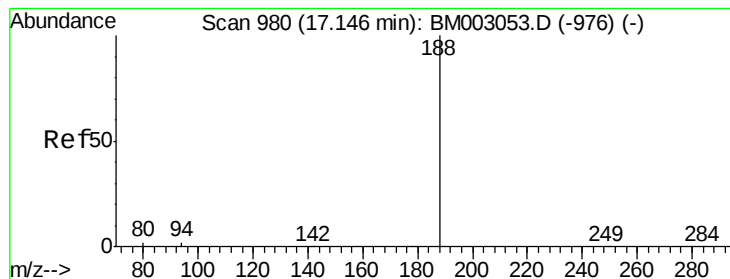
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#15
 2-Fluorobiphenyl
 Concen: 6.28 ng
 RT: 13.03 min Scan# 777
 Delta R.T. 0.00 min
 Lab File: BM003061.D
 Acq: 05 Nov 2015 13:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.5	28.0	42.0
170	20.8	18.9	28.3





#19

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.14 min Scan# 980

Delta R.T. -0.01 min

Lab File: BM003061.D

Acq: 05 Nov 2015 13:19

Instrument :

BNA_M

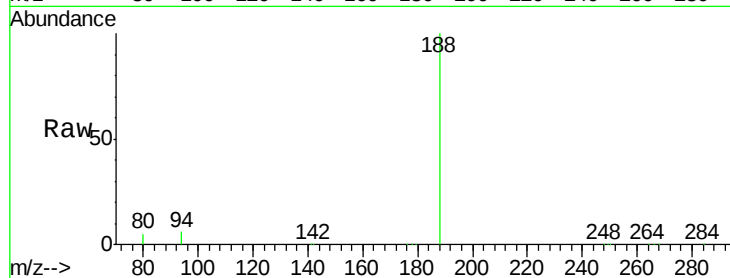
ClientSampleId :

PB86422BL

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	5.8	1.8	2.6#
80	5.1	1.4	2.0#

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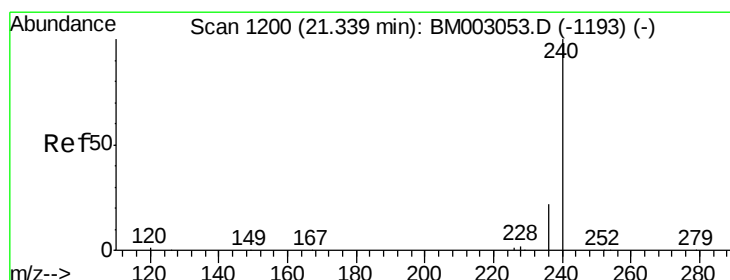
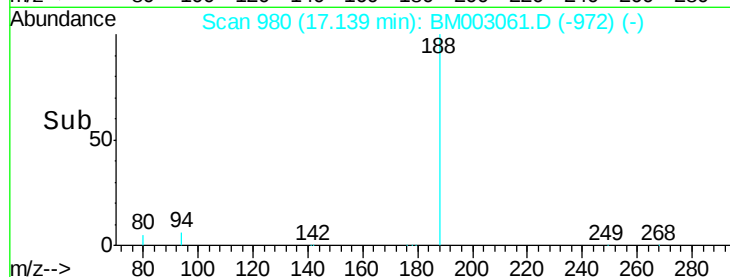
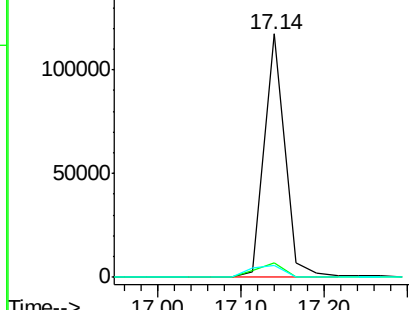
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BM

Ion 80.00 (79.70 to 80.70): BM



#26

Chrysene-d12

Concen: 5.00 ng

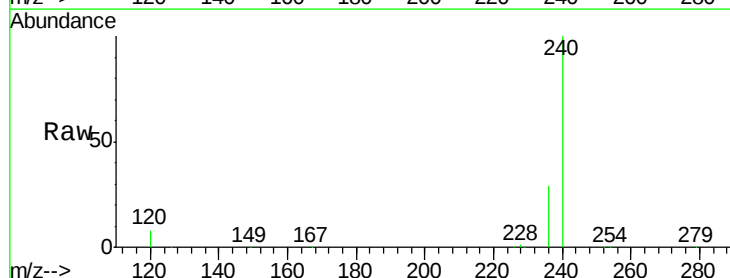
RT: 21.33 min Scan# 1200

Delta R.T. -0.01 min

Lab File: BM003061.D

Acq: 05 Nov 2015 13:19

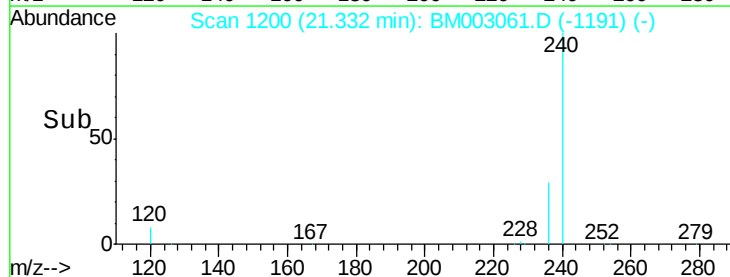
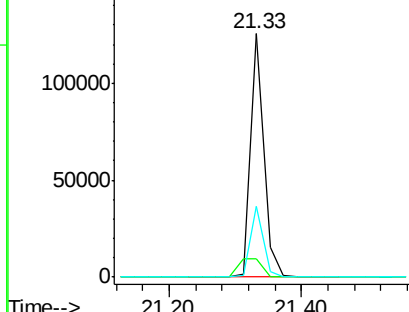
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	7.7	1.0	1.4#
236	29.1	17.9	26.9#

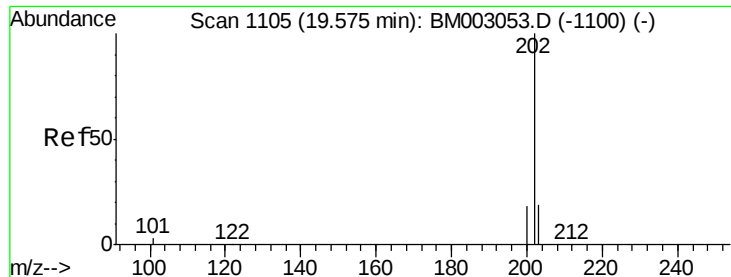


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





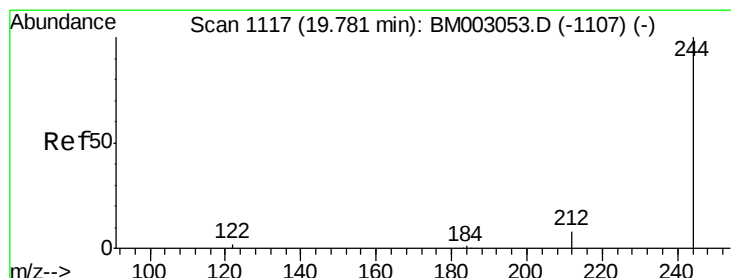
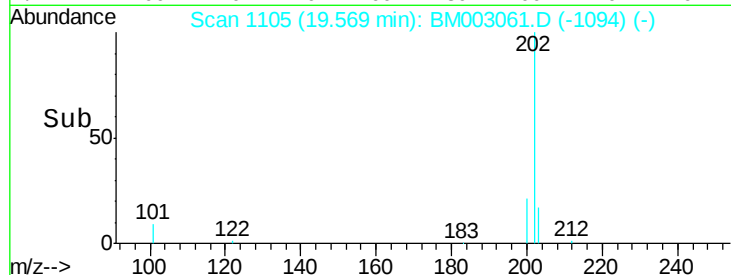
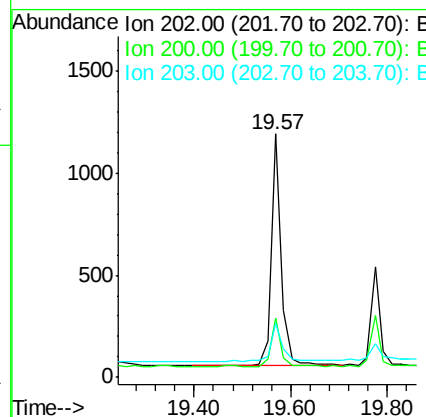
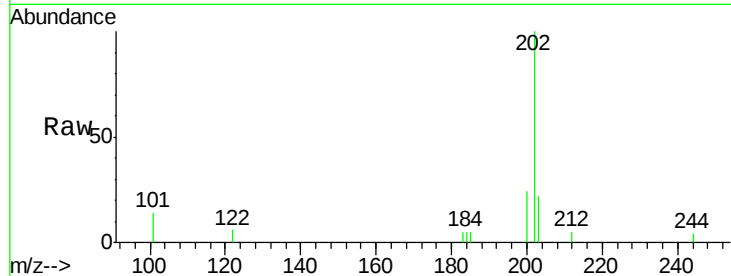
#28
Pvrene
Concen: 0.03 ng
RT: 19.57 min Scan# 1105
Delta R.T. -0.01 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

Instrument :
BNA_M
ClientSampleId :
PB86422BL

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.2	16.7	25.1
203	21.1	13.8	20.6

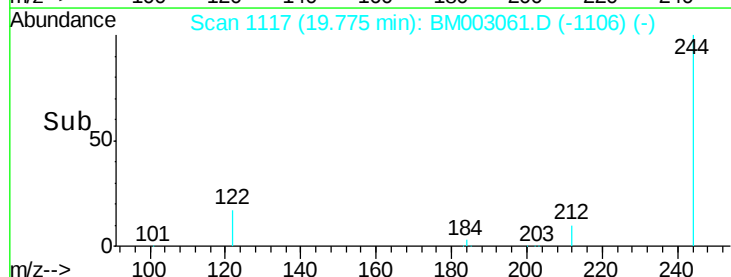
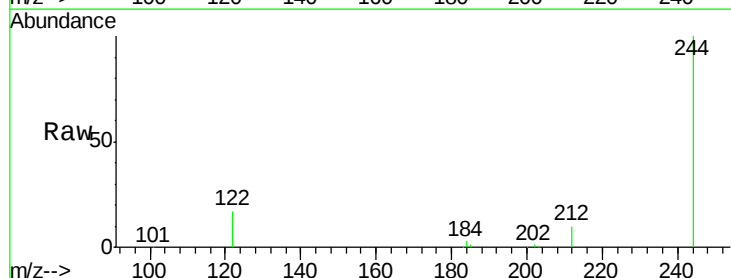
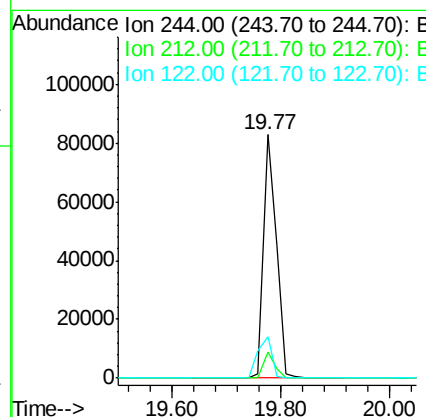
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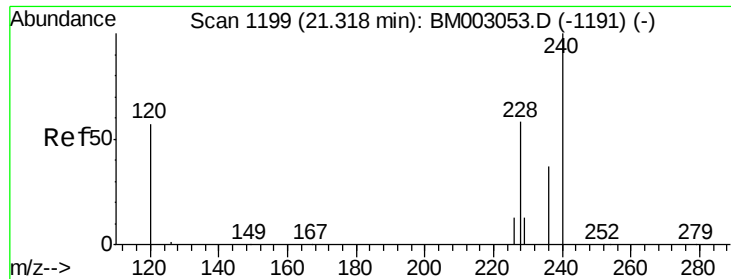
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#29
Terphenyl-d14
Concen: 5.30 ng
RT: 19.77 min Scan# 1117
Delta R.T. -0.01 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	10.4	6.5	9.7
122	17.2	2.0	3.0





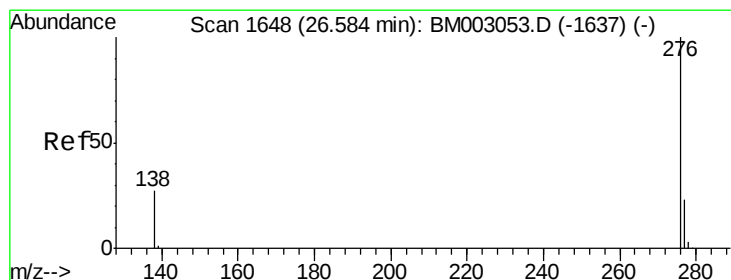
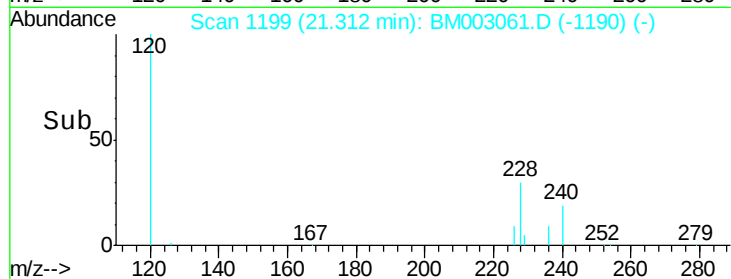
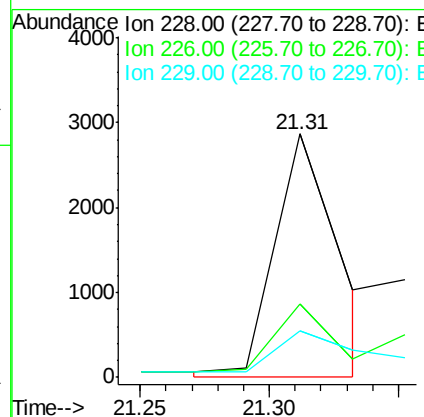
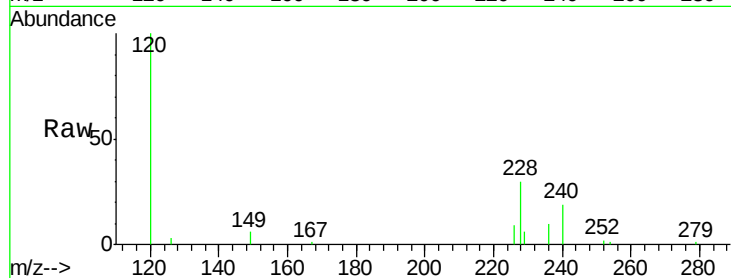
#30
Benzo(a)anthracene
Concen: 0.14 ng m
RT: 21.31 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

Instrument :
BNA_M
ClientSampleId :
PB86422BL

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.4	17.8	26.6
229	19.3	18.0	27.0

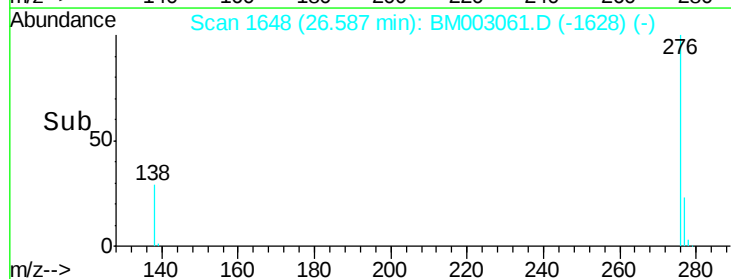
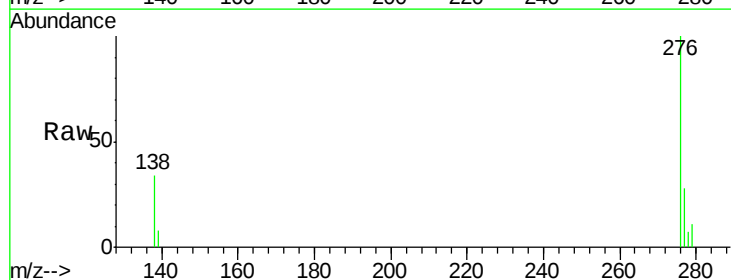
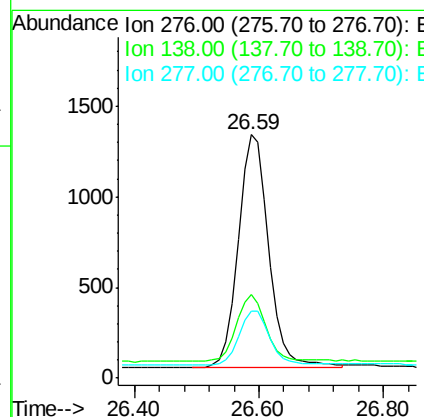
Manual Integrations
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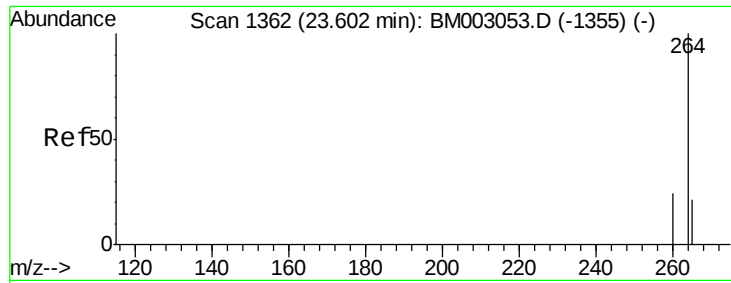
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#34
Indeno(1,2,3-cd)pyrene
Concen: 0.16 ng
RT: 26.59 min Scan# 1648
Delta R.T. 0.00 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.0	22.6	33.8
277	24.0	18.7	28.1





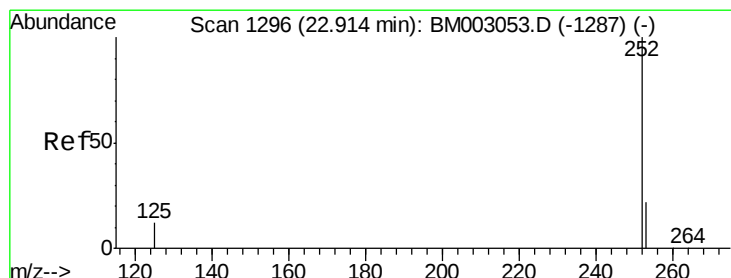
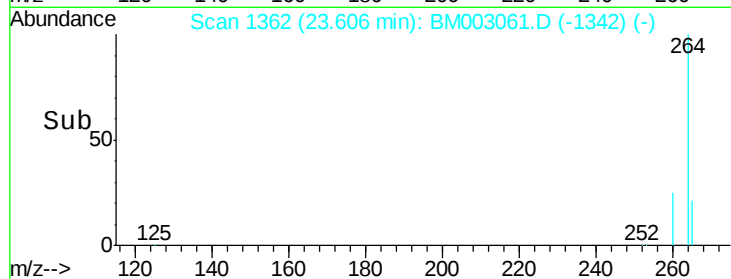
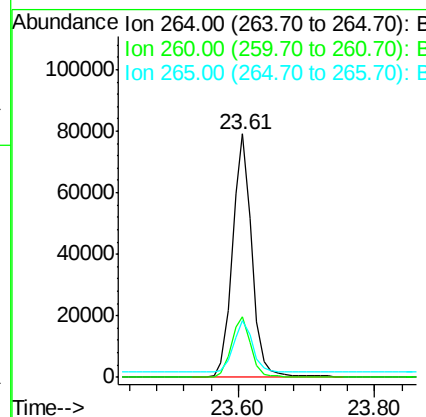
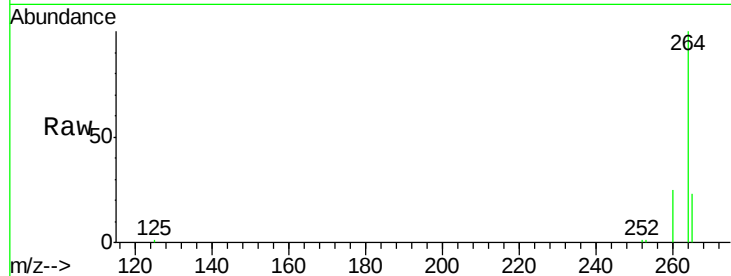
#35
 Pervlene-d12
 Concen: 5.00 ng
 RT: 23.61 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BM003061.D
 Acq: 05 Nov 2015 13:19

Instrument :
 BNA_M
 ClientSampleId :
 PB86422BL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.6	29.4
265	23.1	18.4	27.6

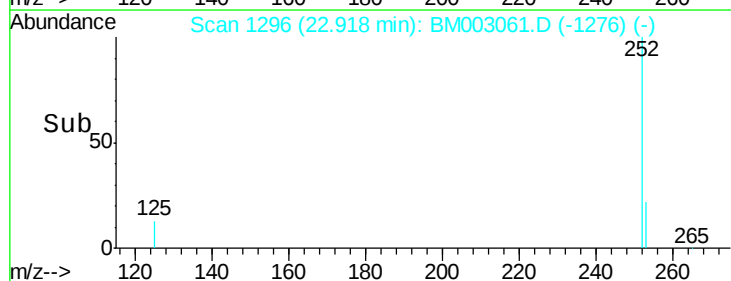
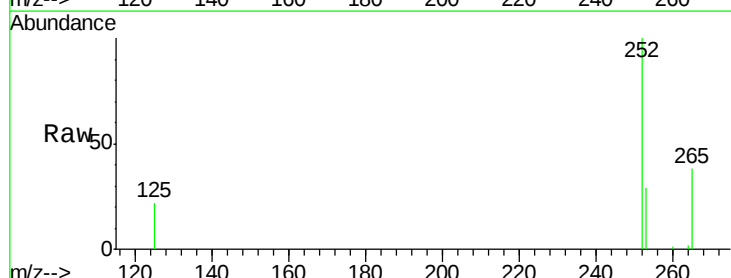
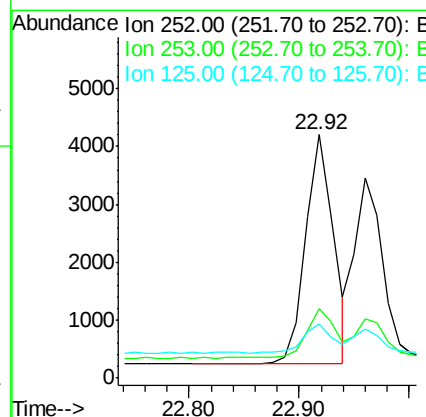
Manual Integrations
 APPROVED

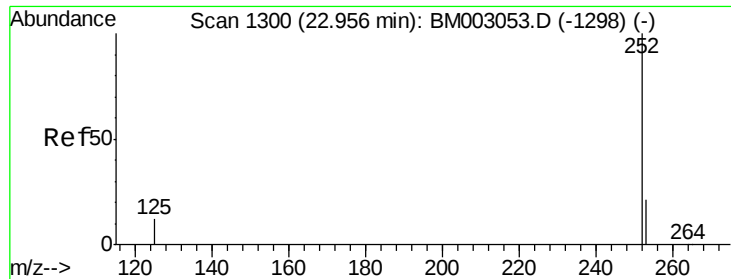
Mmdadoda
 11/6/2015 3:46:02 PM



#36
 Benzo(b)fluoranthene
 Concen: 0.12 ng
 RT: 22.92 min Scan# 1296
 Delta R.T. 0.00 min
 Lab File: BM003061.D
 Acq: 05 Nov 2015 13:19

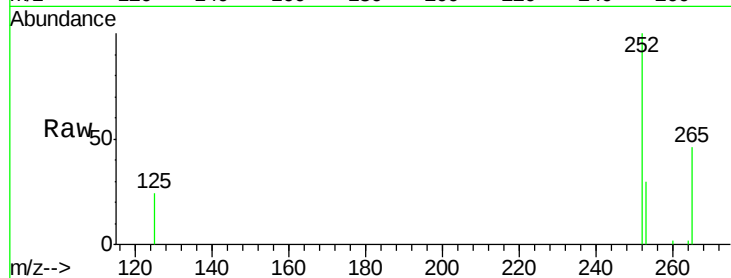
Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.6	18.2	27.4#
125	22.3	10.3	15.5#





#37
Benzo(k)fluoranthene
Concen: 0.10 ng
RT: 22.96 min Scan# 1300
Delta R.T. 0.00 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

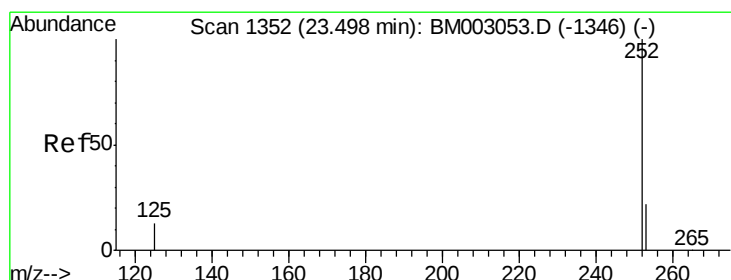
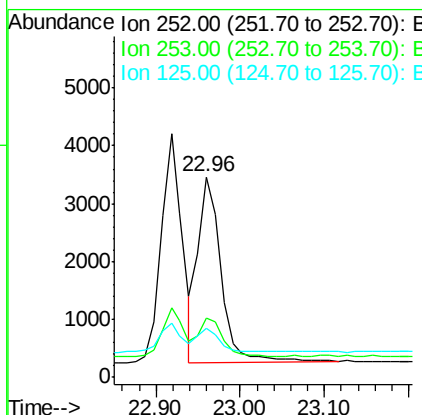
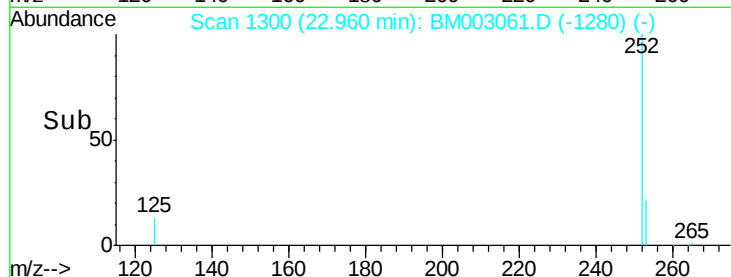
Instrument :
BNA_M
ClientSampleId :
PB86422BL



Tot Ion:252 Resp: 5976
Ion Ratio Lower Upper
252 100
253 29.8 17.5 26.3#
125 24.5 10.7 16.1#

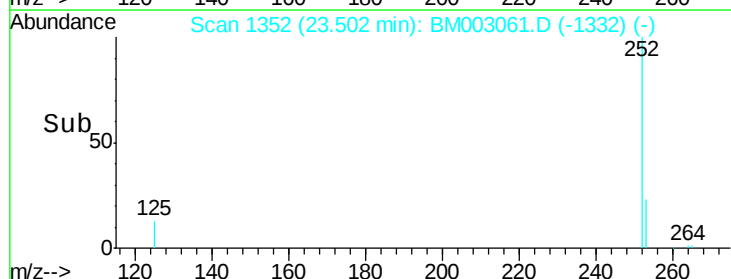
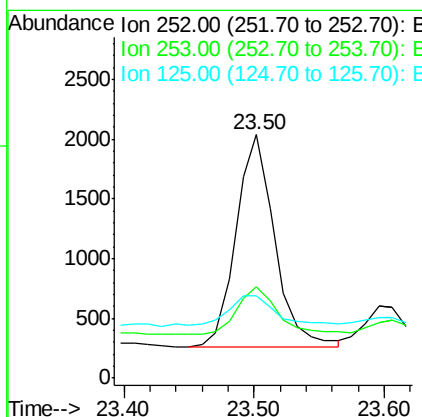
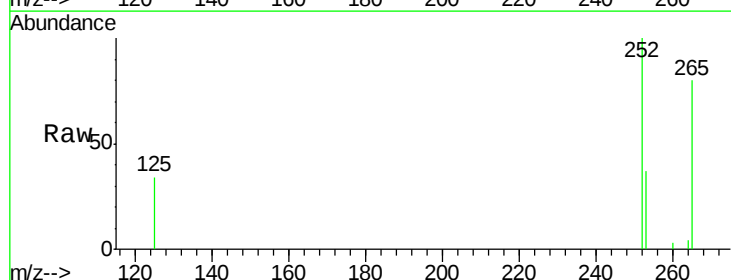
Manual Integrations
APPROVED

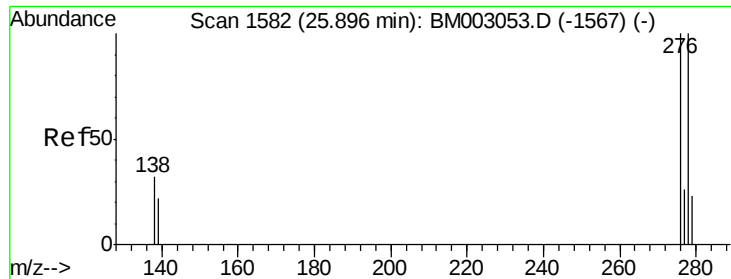
Mmdadoda
11/6/2015 3:46:02 PM



#38
Benzo(a)pyrene
Concen: 0.09 ng
RT: 23.50 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BM003061.D
Acq: 05 Nov 2015 13:19

Tgt Ion:252 Resp: 3645
Ion Ratio Lower Upper
252 100
253 37.4 18.7 28.1#
125 33.8 11.6 17.4#





#39

Dibenzo(a,h)anthracene

Concen: 0.09 ng

RT: 25.91 min Scan# 1583

Delta R.T. 0.01 min

Lab File: BM003061.D

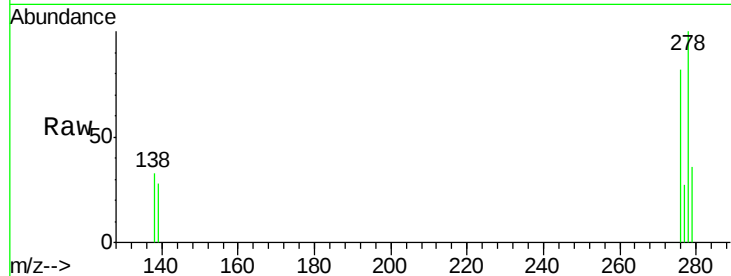
Acq: 05 Nov 2015 13:19

Instrument :

BNA_M

ClientSampleId :

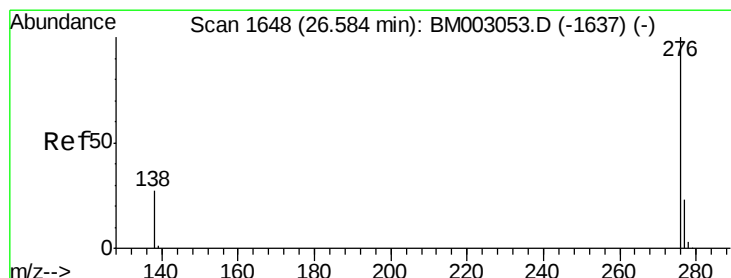
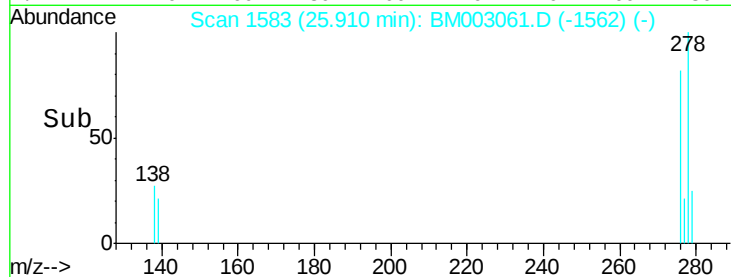
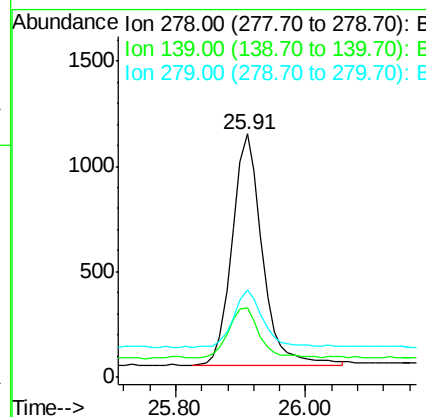
PB86422BL



Tot Ion:	278	Resp:	3492
Ion Ratio	Lower	Upper	
278	100		
139	28.3	18.2	27.4#
279	35.9	18.8	28.2#

Manual Integrations
APPROVED

Mmdadoda
11/6/2015 3:46:02 PM



#40

Benzo(g,h,i)perylene

Concen: 0.11 ng

RT: 26.59 min Scan# 1648

Delta R.T. 0.00 min

Lab File: BM003061.D

Acq: 05 Nov 2015 13:19

Tgt Ion:	276	Resp:	4423
Ion Ratio	Lower	Upper	
276	100		
277	27.8	19.0	28.6
138	34.1	22.3	33.5#

