

Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
 Data File : BM001179.D
 Acq On : 02 May 2015 22:24
 Operator : TP/IZ
 Sample : G2058-07
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 MPE-9

Manual Integrations
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 5/5/2015 8:04:53 AM

Quant Time: May 04 18:05:48 2015
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SIMPAH-BM050115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon May 04 16:48:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	17725	5.00	ng	0.00
6) Naphthalene-d8	10.31	136	66981	5.00	ng	0.00
12) Acenaphthene-d10	14.20	164	36660	5.00	ng	0.00
18) Phenanthrene-d10	16.94	188	89836m	5.00	ng	0.00
24) Chrysene-d12	21.15	240	66167	5.00	ng	0.00
30) Perylene-d12	23.29	264	47759	5.00	ng	-0.01
System Monitoring Compounds						
4) 2-Fluorophenol	5.11	112	219514	63.68	ng	-0.01
5) Phenol-d6	6.72	99	181400	42.71	ng	0.02
7) Nitrobenzene-d5	8.69	82	474160	124.97	ng	0.00
13) 2,4,6-Tribromophenol	15.69	330	287862	157.73	ng	0.00
14) 2-Fluorobiphenyl	12.81	172	1248867	103.01	ng	0.00
26) Terphenyl-d14	19.59	244	969777	106.30	ng	0.00
Target Compounds						
21) Phenanthrene	16.98	178	1087m	0.05	ng	Qvalue
22) Anthracene	17.06	178	1206	0.06	ng	# 82
23) Fluoranthene	19.01	202	1162	0.05	ng	# 62
25) Pyrene	19.38	202	1253	0.06	ng	# 94
27) Benzo(a)anthracene	21.13	228	1269	0.07	ng	# 84
28) Chrysene	21.18	228	1035	0.06	ng	# 82

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

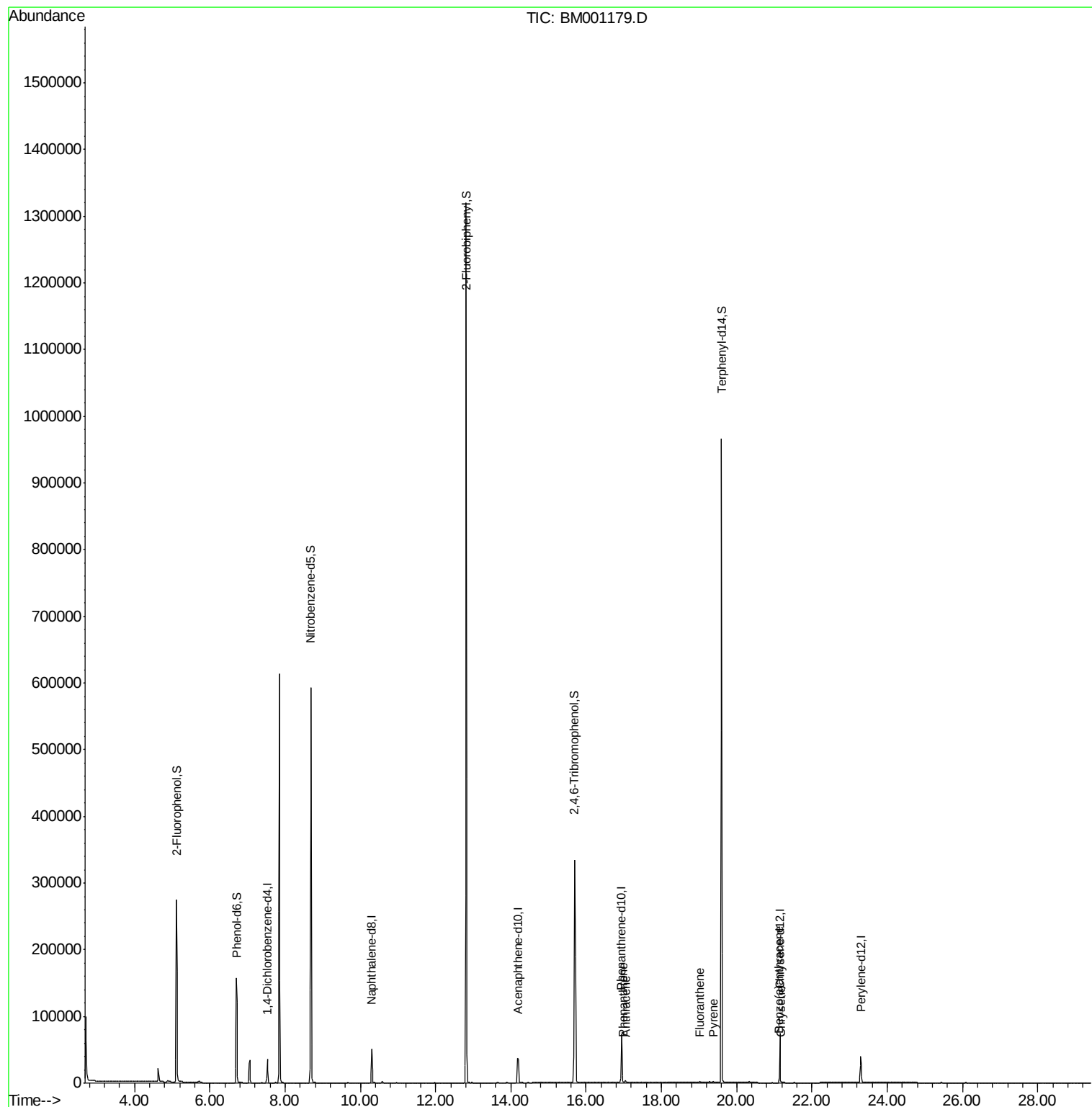
Data Path : Z:\HPCHEM1\BNA M\DATA\BM050115\
Data File : BM001179.D
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Sample : G2058-07
Misc :
ALS Vial : 36 Sample Multiplier: 1

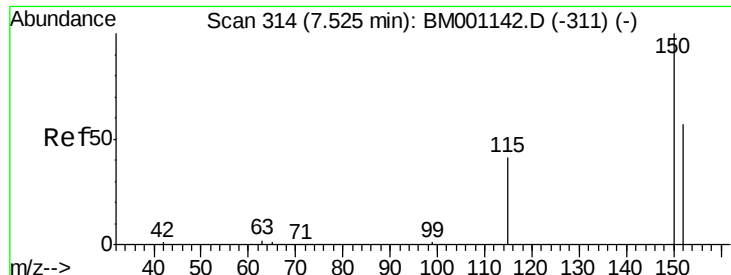
Instrument :
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MPE-9

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#1

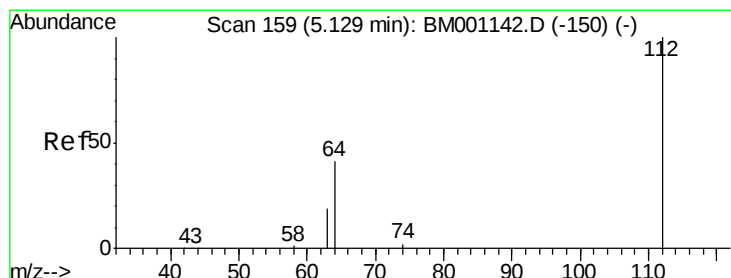
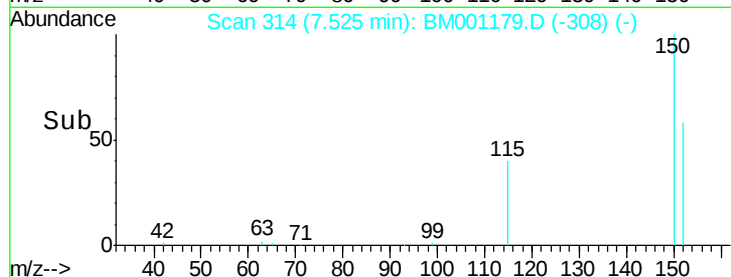
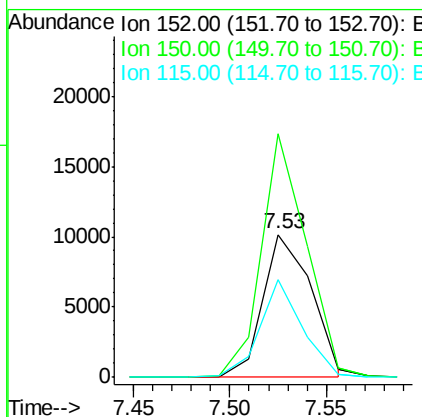
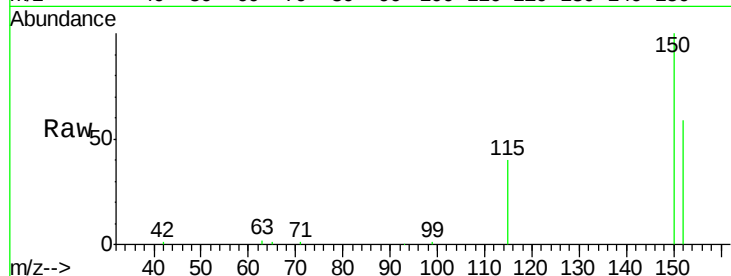
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 7.53 min Scan# 314
Delta R.T. 0.00 min
Lab File: BM001179.D
Acq: 02 May 2015 22:24

Instrument :
BNA_M
ClientSampleId :
MPE-9

Tot Ion	Ratio	Lower	Upper
152	100		
150	170.9	140.1	210.1
115	68.1	57.8	86.6

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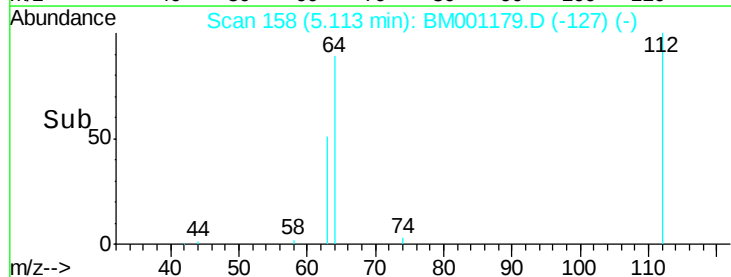
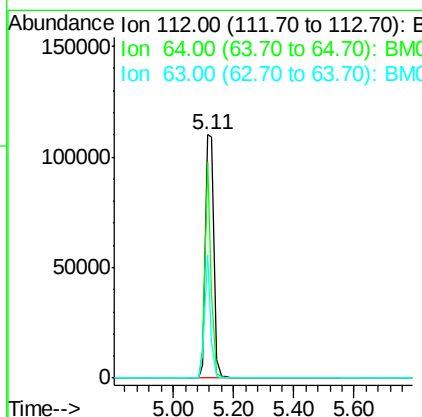
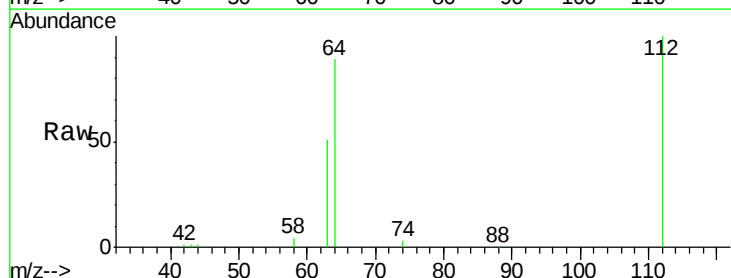
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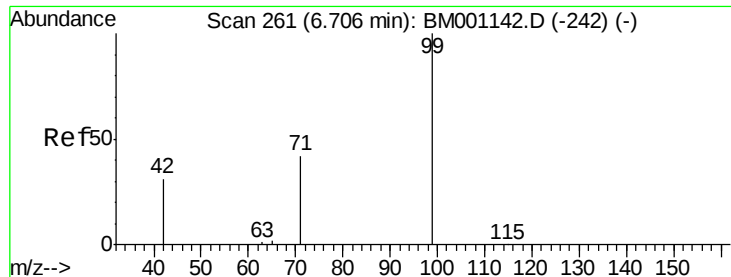


#4

2-Fluorophenol
Concen: 63.68 ng
RT: 5.11 min Scan# 158
Delta R.T. -0.01 min
Lab File: BM001179.D
Acq: 02 May 2015 22:24

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.6	52.6	79.0
63	35.7	29.5	44.3





#5

Phenol-d6

Concen: 42.71 ng

RT: 6.72 min Scan# 262

Delta R.T. 0.02 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

Instrument :

BNA_M

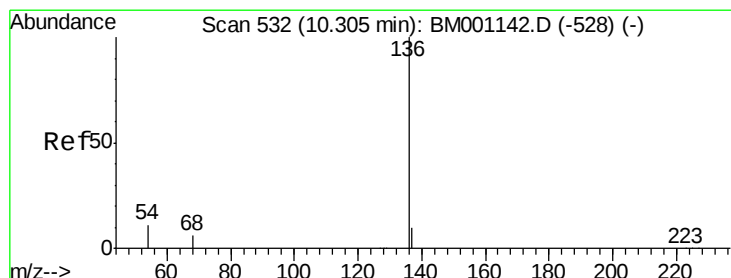
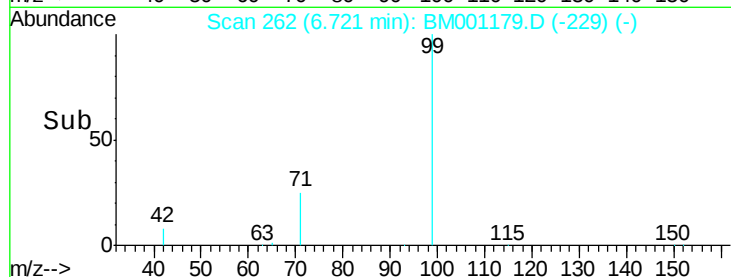
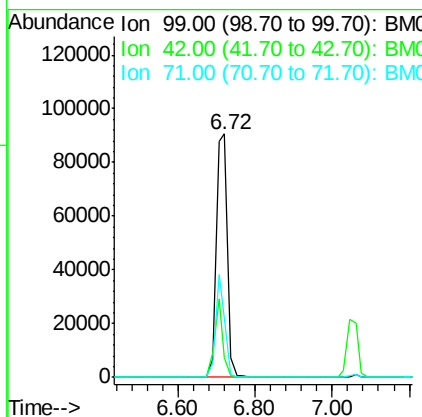
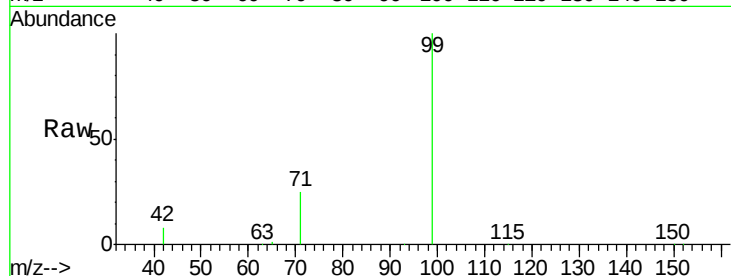
ClientSampleId :

MPE-9

Tot Ion:	99	Resp:	181400
Ion	Ratio	Lower	Upper
99	100		
42	23.7	20.9	31.3
71	34.9	28.5	42.7

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#6

Naphthalene-d8

Concen: 5.00 ng

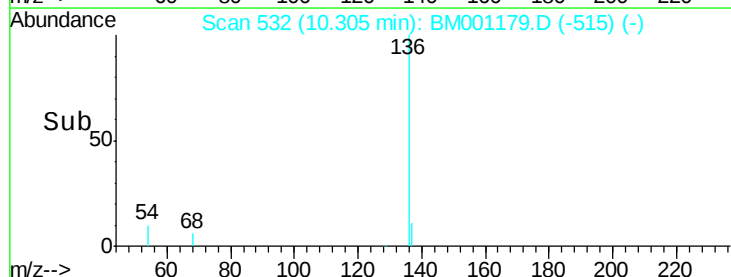
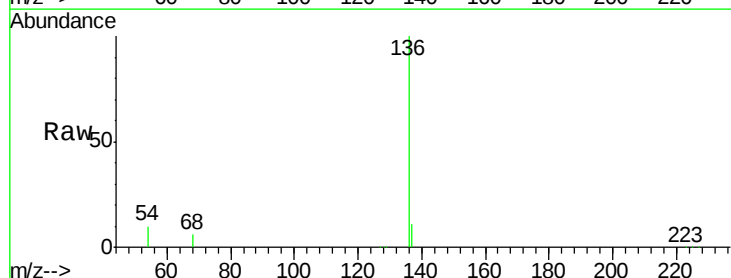
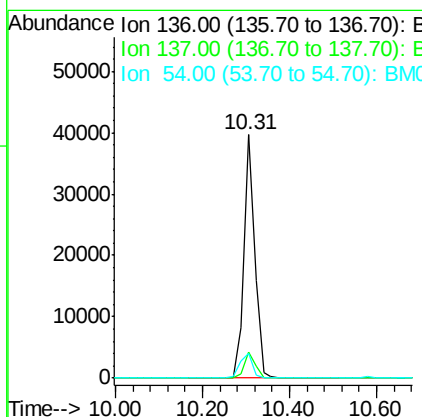
RT: 10.31 min Scan# 532

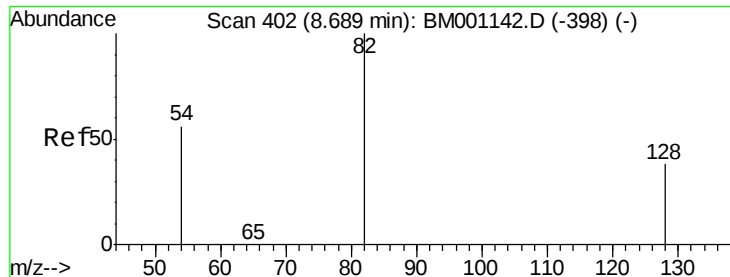
Delta R.T. 0.00 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

Tgt Ion:	136	Resp:	66981
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.4
54	10.0	9.0	13.4





#7

Nitrobenzene-d5

Concen: 124.97 ng

RT: 8.69 min Scan# 402

Delta R.T. 0.00 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

Instrument :

BNA_M

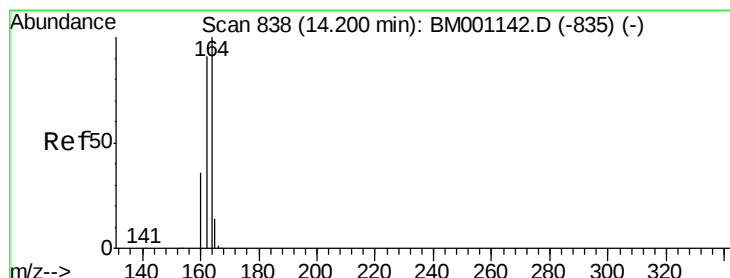
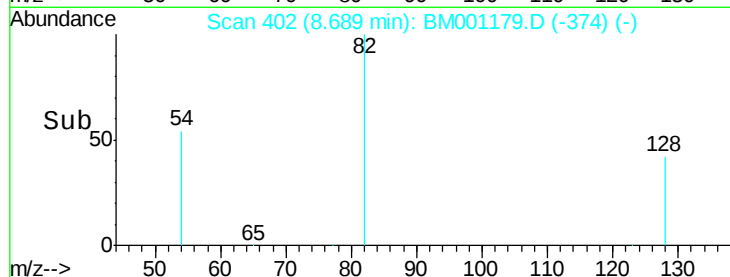
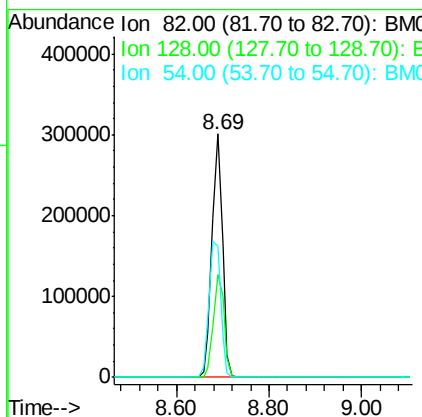
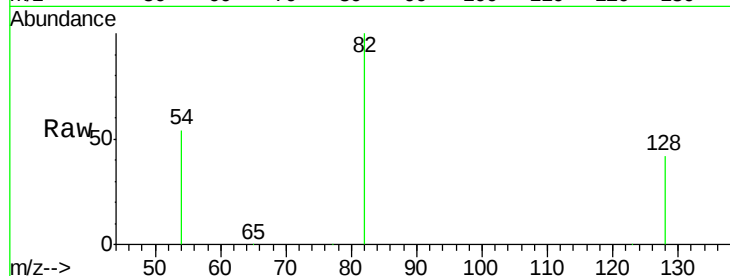
ClientSampleId :

MPE-9

Tot Ion:	82	Resp:	474160
Ion Ratio	Lower	Upper	
82	100		
128	42.4	31.9	47.9
54	53.9	46.2	69.2

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#12

Acenaphthene-d10

Concen: 5.00 ng

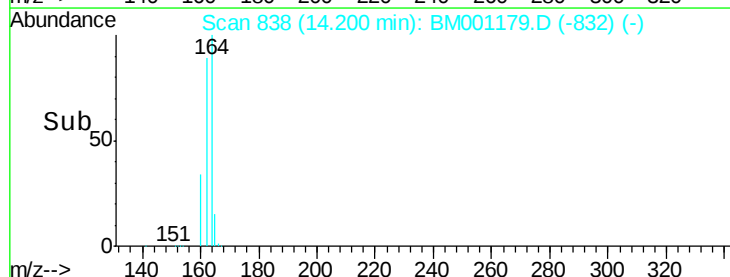
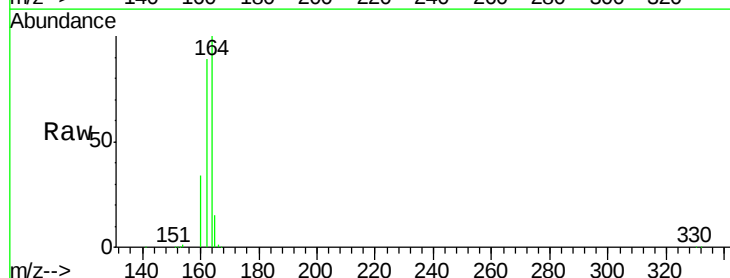
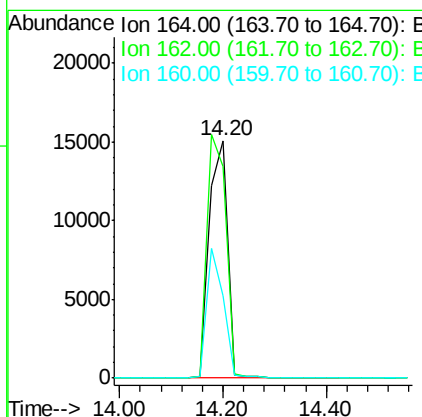
RT: 14.20 min Scan# 838

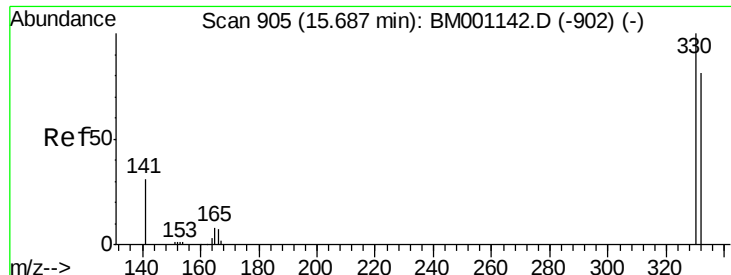
Delta R.T. 0.00 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

Tgt Ion:	164	Resp:	36660
Ion Ratio	Lower	Upper	
164	100		
162	89.1	72.7	109.1
160	34.5	28.7	43.1





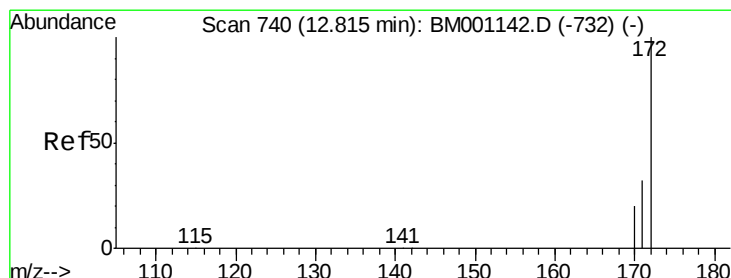
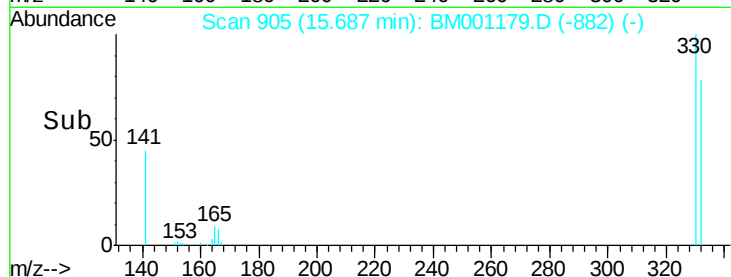
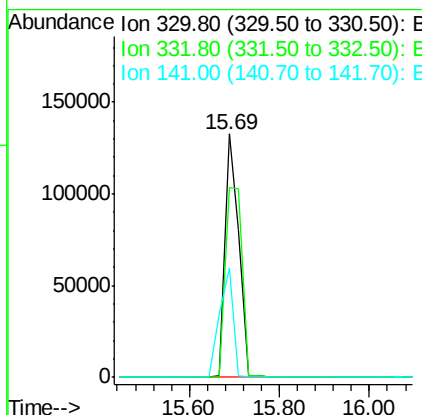
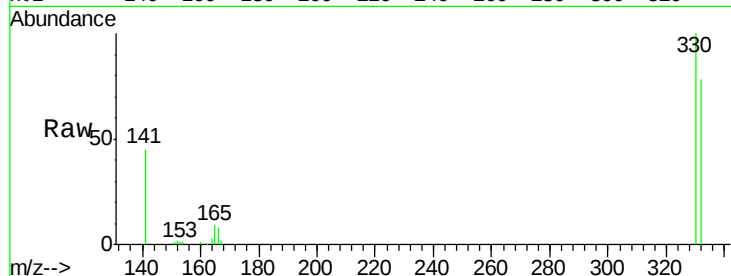
#13
 2,4,6-Tribromophenol
 Concen: 157.73 ng
 RT: 15.69 min Scan# 905
 Delta R.T. 0.00 min
 Lab File: BM001179.D
 Acq: 02 May 2015 22:24

Instrument :
 BNA_M
 ClientSampleId :
 MPE-9

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	74.5	111.7
141	44.4	21.0	31.4

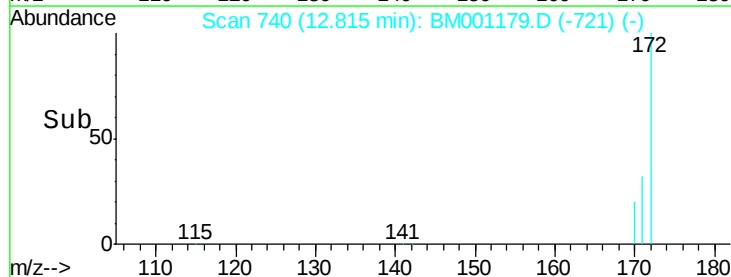
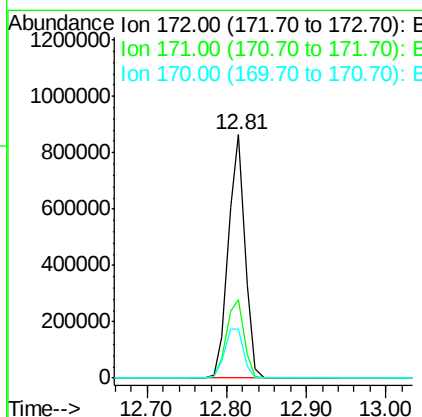
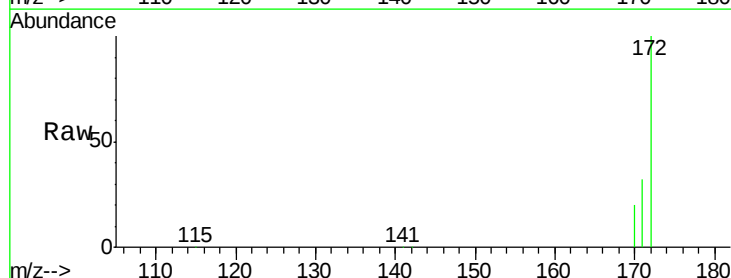
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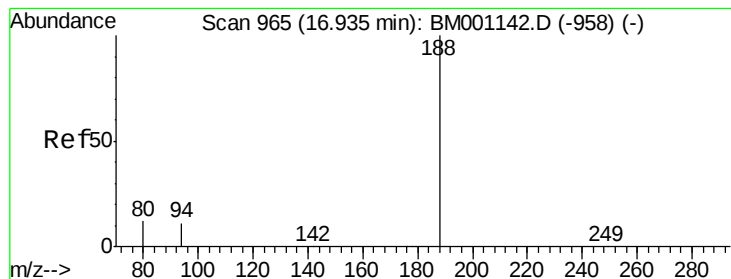
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#14
 2-Fluorobiphenyl
 Concen: 103.01 ng
 RT: 12.81 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BM001179.D
 Acq: 02 May 2015 22:24

Tgt Ion	Ratio	Lower	Upper
172	100		
171	32.4	25.8	38.6
170	20.0	16.1	24.1





#18

Phenanthrene-d10

Concen: 5.00 ng m

RT: 16.94 min Scan# 965

Delta R.T. 0.00 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

Instrument :

BNA_M

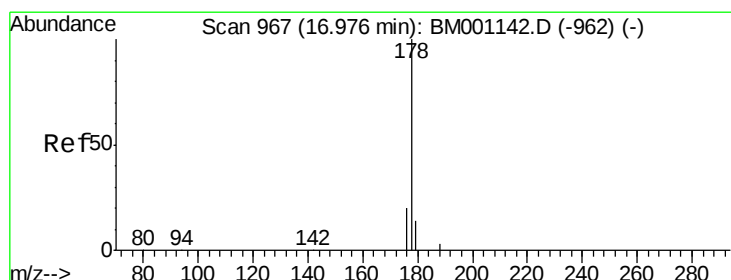
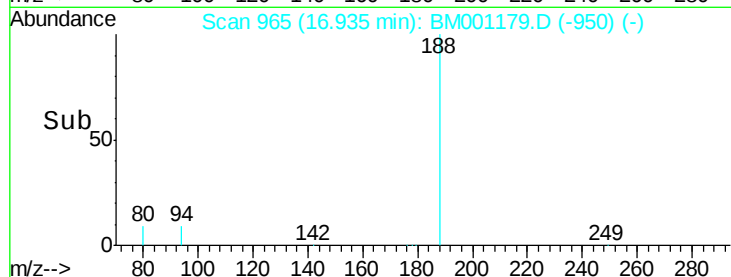
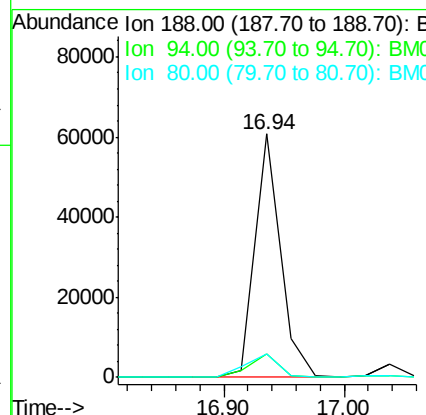
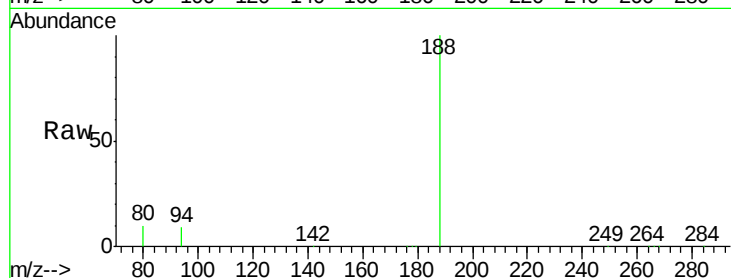
ClientSampleId :

MPE-9

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.4	9.3	13.9
80	9.6	9.8	14.6

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#21

Phenanthrene

Concen: 0.05 ng m

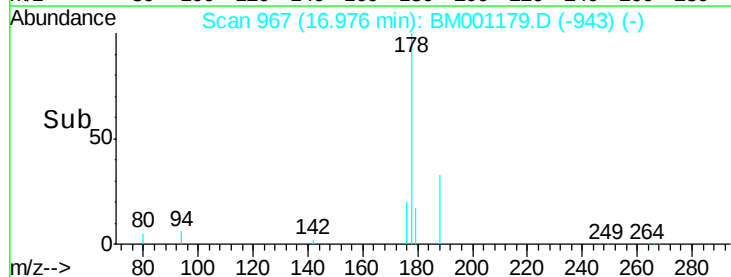
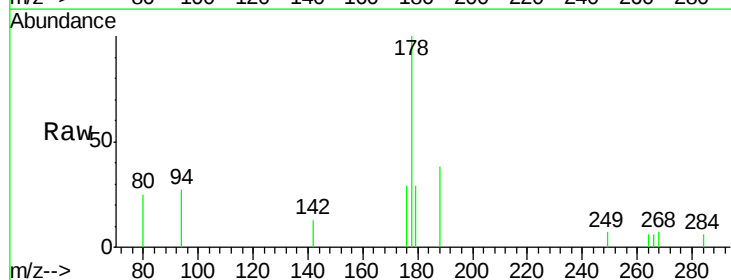
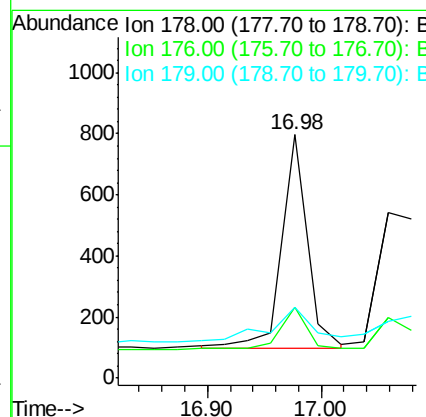
RT: 16.98 min Scan# 967

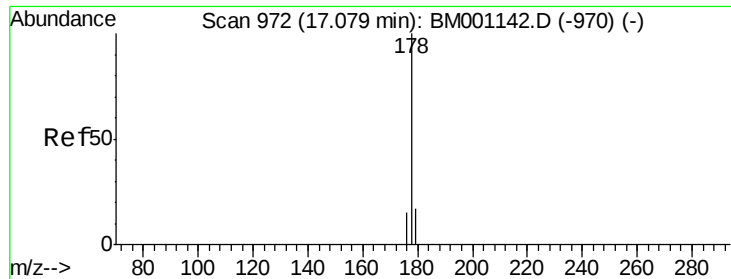
Delta R.T. 0.00 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

Tgt Ion	Ratio	Lower	Upper
178	100		
176	20.9	15.5	23.3
179	0.0	12.0	18.0





#22

Anthracene

Concen: 0.06 ng

RT: 17.06 min Scan# 971

Delta R.T. -0.02 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

Instrument :

BNA_M

ClientSampleId :

MPE-9

Tot Ion:178 Resp: 1206

Ion Ratio Lower Upper

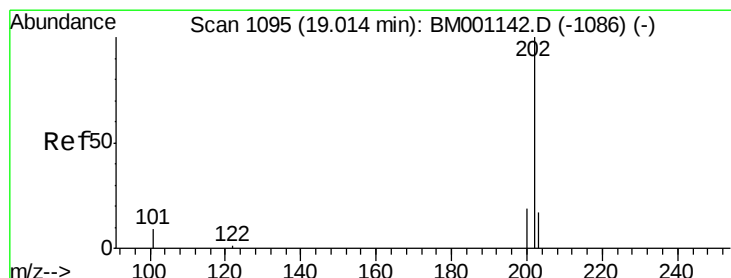
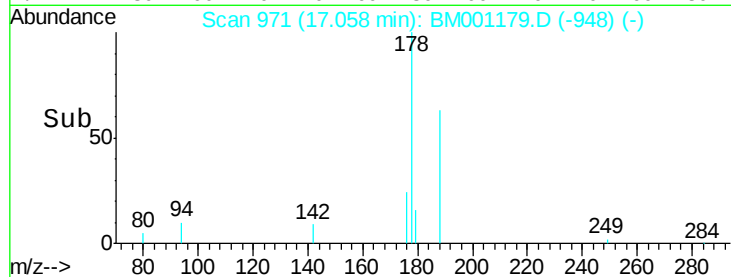
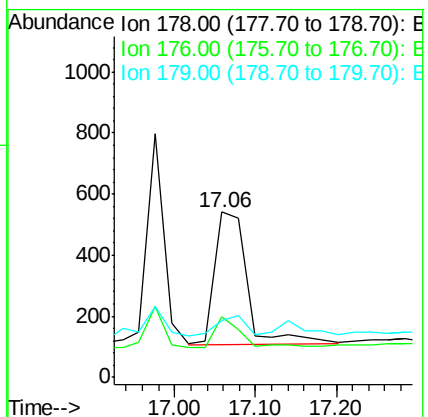
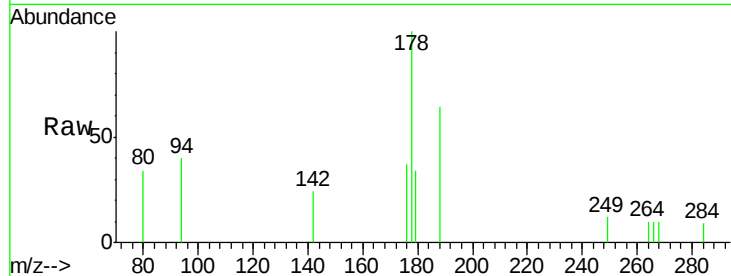
178 100

176 18.8 14.3 21.5

179 0.0 12.2 18.2#

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#23

Fluoranthene

Concen: 0.05 ng

RT: 19.01 min Scan# 1095

Delta R.T. 0.00 min

Lab File: BM001179.D

Acq: 02 May 2015 22:24

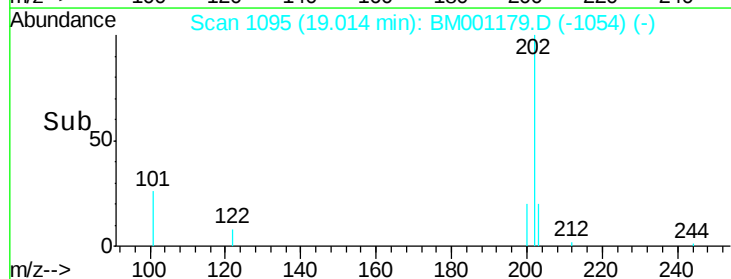
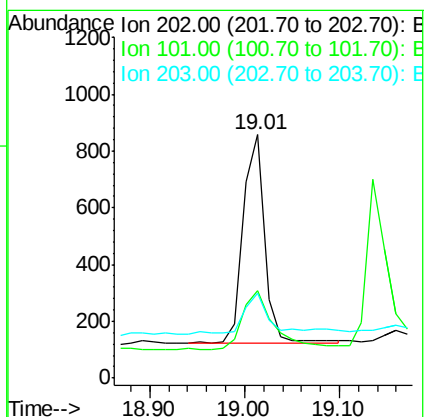
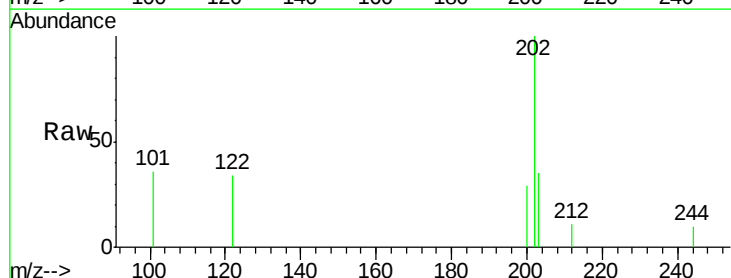
Tgt Ion:202 Resp: 1162

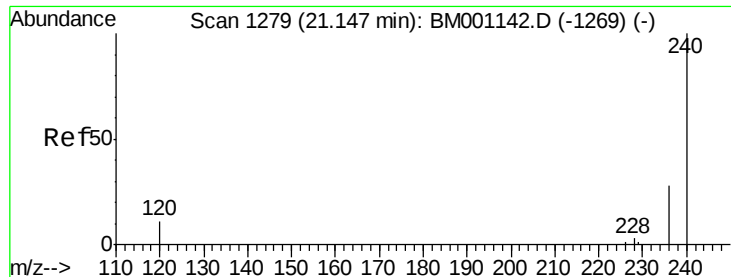
Ion Ratio Lower Upper

202 100

101 41.4 9.3 13.9#

203 22.2 13.7 20.5#





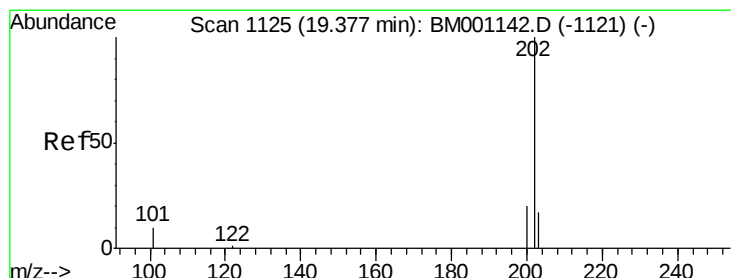
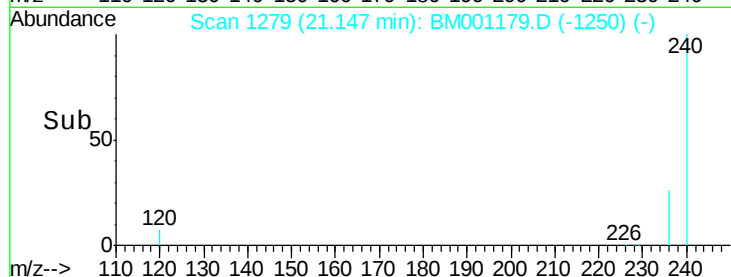
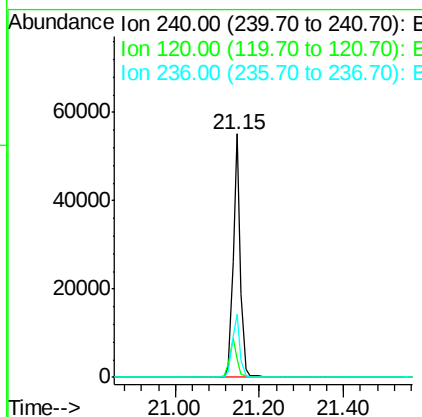
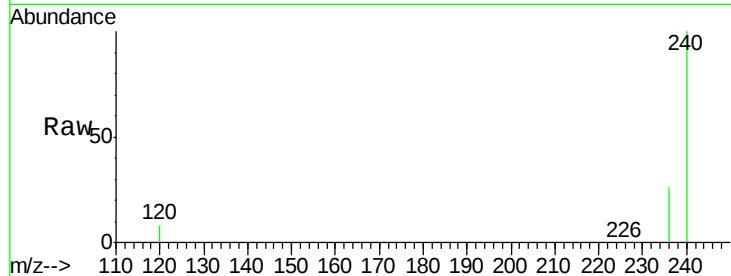
#24
Chrysene-d12
Concen: 5.00 ng
RT: 21.15 min Scan# 1279
Delta R.T. 0.00 min
Lab File: BM001179.D
Acq: 02 May 2015 22:24

Instrument :
BNA_M
ClientSampleId :
MPE-9

Tot Ion	Ratio	Lower	Upper
240	100		
120	7.8	9.2	13.8#
236	25.9	22.4	33.6

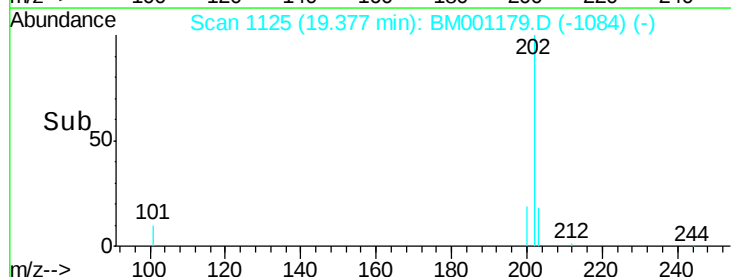
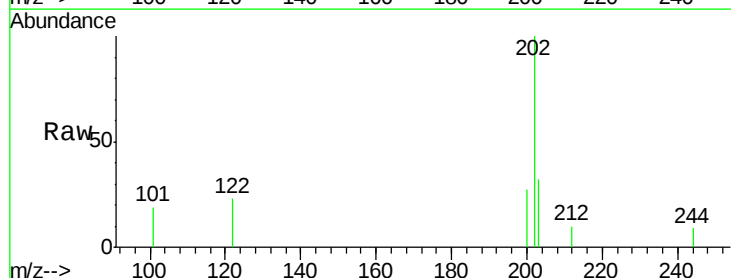
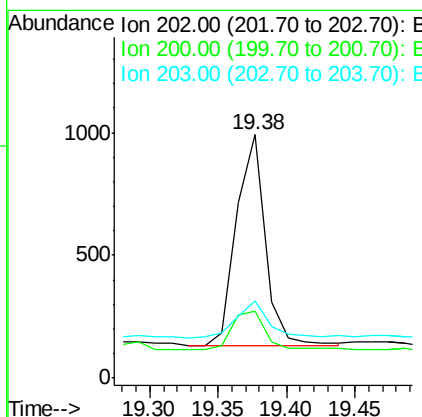
Manual Integrations
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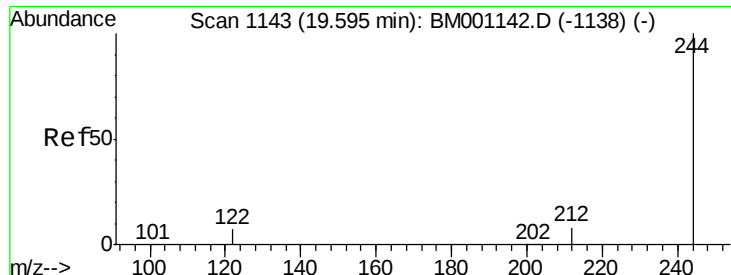
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#25
Pyrene
Concen: 0.06 ng
RT: 19.38 min Scan# 1125
Delta R.T. 0.00 min
Lab File: BM001179.D
Acq: 02 May 2015 22:24

Tgt Ion	Ratio	Lower	Upper
202	100		
200	22.1	16.4	24.6
203	20.8	13.8	20.6#





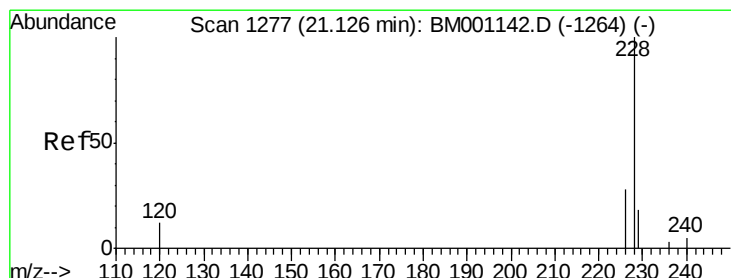
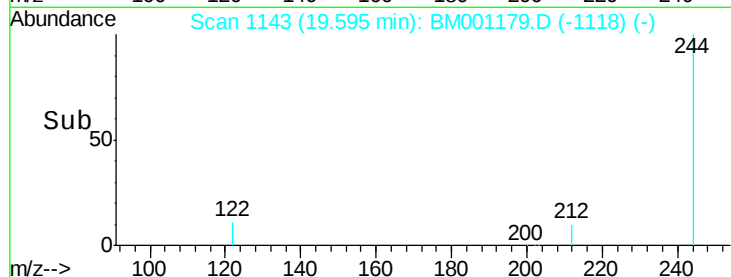
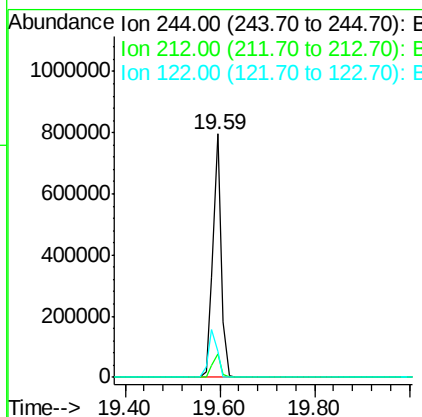
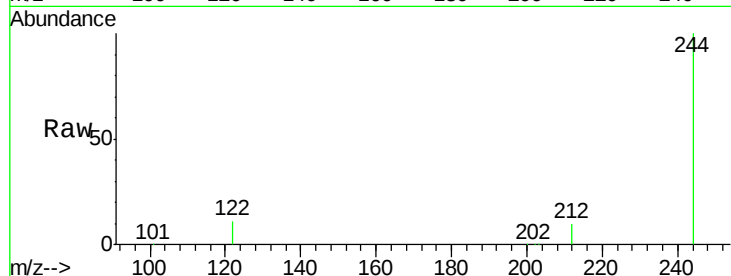
#26
 Terphenyl-d14
 Concen: 106.30 ng
 RT: 19.59 min Scan# 1143
 Delta R.T. 0.00 min
 Lab File: BM001179.D
 Acq: 02 May 2015 22:24

Instrument :
 BNA_M
 ClientSampleId :
 MPE-9

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.9	7.1	10.7
122	10.8	6.2	9.4

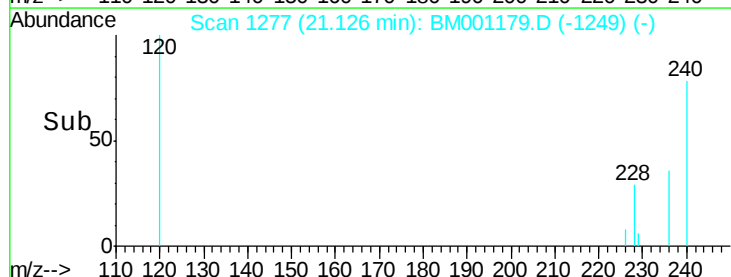
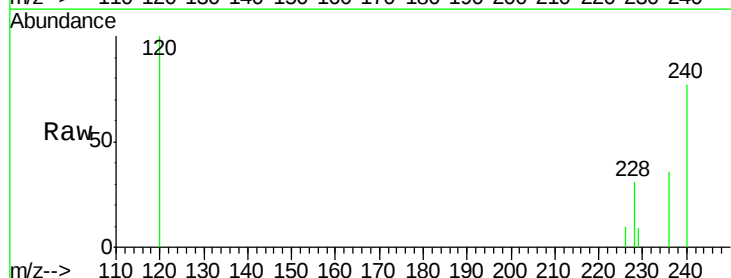
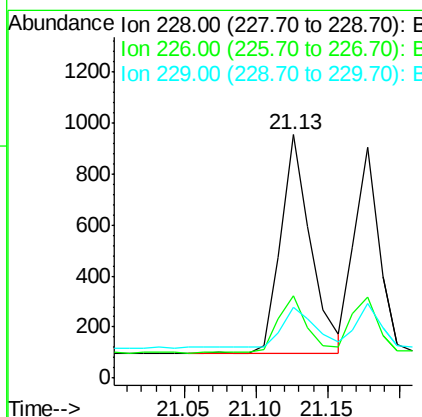
Manual Integrations
 APPROVED

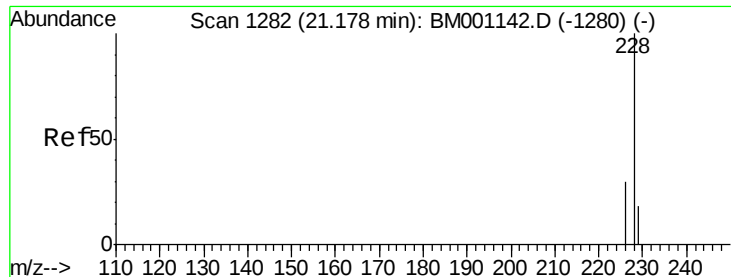
apatel
 5/5/2015 8:04:53 AM



#27
 Benzo(a)anthracene
 Concen: 0.07 ng
 RT: 21.13 min Scan# 1277
 Delta R.T. 0.00 min
 Lab File: BM001179.D
 Acq: 02 May 2015 22:24

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.8	22.8	34.2
229	29.2	14.4	21.6





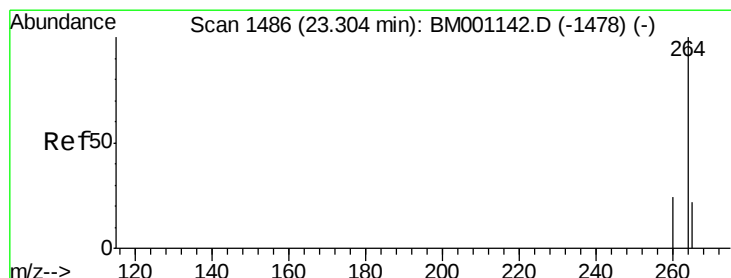
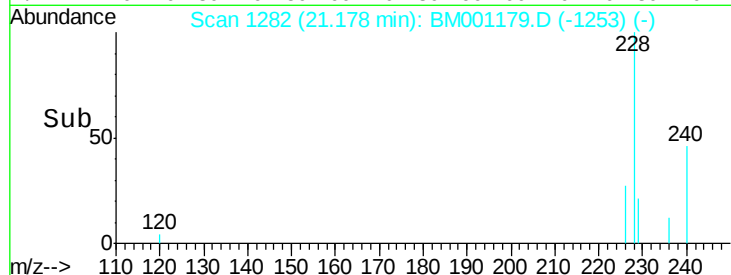
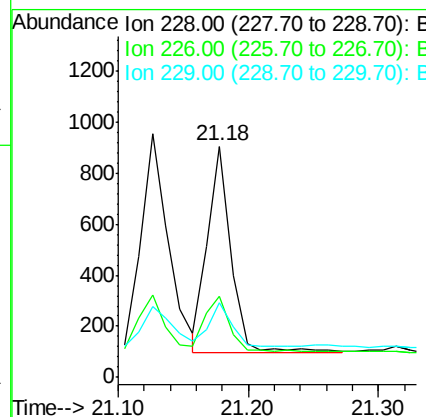
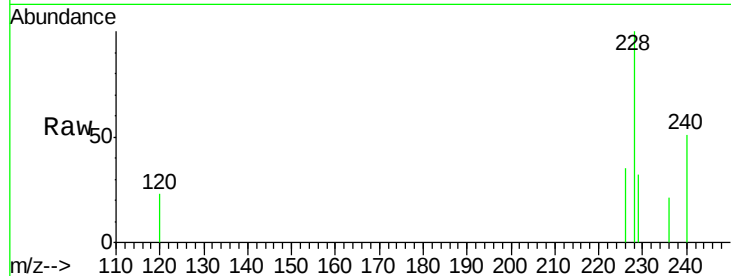
#28
Chrysene
Concen: 0.06 ng
RT: 21.18 min Scan# 1282
Delta R.T. 0.00 min
Lab File: BM001179.D
Acq: 02 May 2015 22:24

Instrument :
BNA_M
ClientSampleId :
MPE-9

Tot Ion	Ratio	Lower	Upper
228	100		
226	35.3	24.4	36.6
229	32.3	14.3	21.5#

Manual Integrations
APPROVED

apatel
5/5/2015 8:04:53 AM



#30
Perylene-d12
Concen: 5.00 ng
RT: 23.29 min Scan# 1485
Delta R.T. -0.01 min
Lab File: BM001179.D
Acq: 02 May 2015 22:24

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	18.9	28.3
265	21.6	18.1	27.1

