

Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
 Data File : BE091979.D
 Acq On : 6 Jul 2016 2:12
 Operator : UM/SJ
 Sample : H3826-02
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160627

Manual Integrations

umangi
 7/6/2016 7:18:30 PM

Quant Time: Jul 06 06:48:11 2016
 Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 05 16:14:58 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	23558	5.00	ng	0.00
8) Naphthalene-d8	10.99	136	114467	5.00	ng	0.00
15) Acenaphthene-d10	14.86	164	82840	5.00	ng	0.00
24) Phenanthrene-d10	17.59	188	183687	5.00	ng	0.00
31) Chrysene-d12	21.76	240	315262	5.00	ng	0.00
40) Perylene-d12	24.18	264	222696	5.00	ng	0.00
System Monitoring Compounds						
4) 2-Fluorophenol	5.72	112	13932	2.47	ng	0.00
5) Phenol-d6	7.35	99	18989	2.43	ng	-0.02
9) Nitrobenzene-d5	9.36	82	22521	2.89	ng	-0.02
16) 2,4,6-Tribromophenol	16.35	330	16514	5.61	ng	0.00
17) 2-Fluorobiphenyl	13.49	172	65637	3.25	ng	0.00
34) Terphenyl-d14	20.22	244	113641	3.06	ng	0.00
Target Compounds						
29) Anthracene	17.73	178	1094	0.02	ng	98
38) Bis(2-ethylhexyl)phthalate	21.64	149	8355	0.14	ng	# 100

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

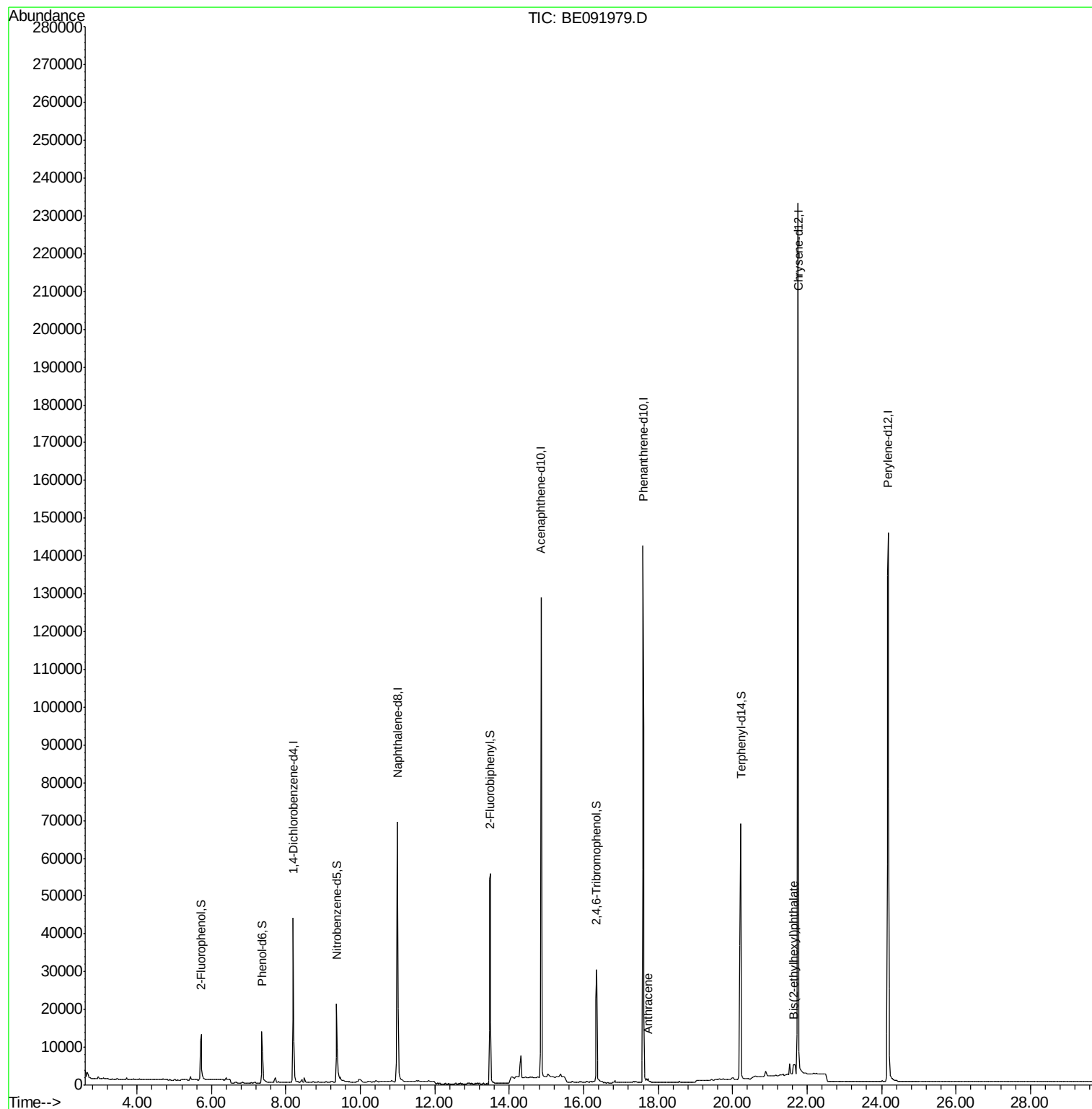
Data Path : Z:\HPCHEM1\BNA E\DATA\BE070516\
Data File : BE091979.D
Acq On : 6 Jul 2016 2:12
Operator : UM/SJ
Sample : H3826-02
Misc :
ALS Vial : 14 Sample Multiplier: 1

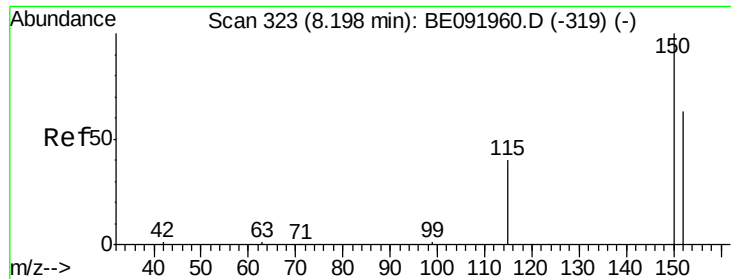
Instrument :
BNA_E
ClientSampleId :
KY038PS027-160627

Manual Integrations

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Quant Time: Jul 06 06:48:11 2016
Quant Method : Z:\HPCHEM1\BNA E\METHODS\8270-SIM-BE070516.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 05 16:14:58 2016
Response via : Initial Calibration





#1

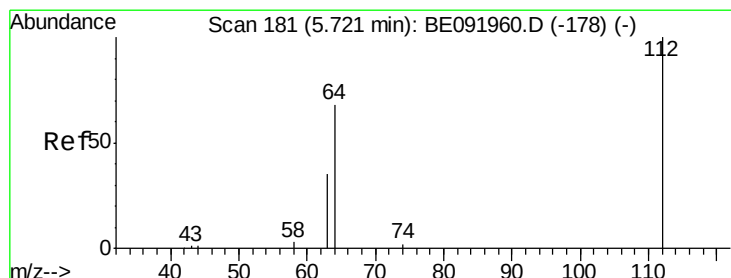
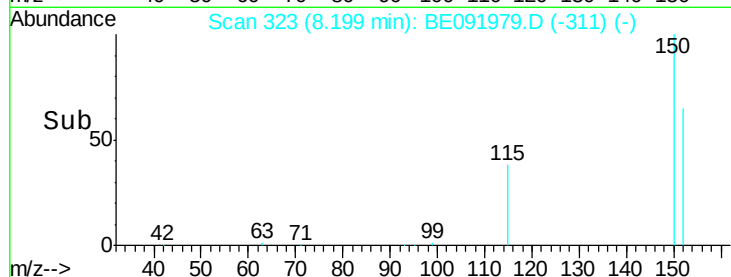
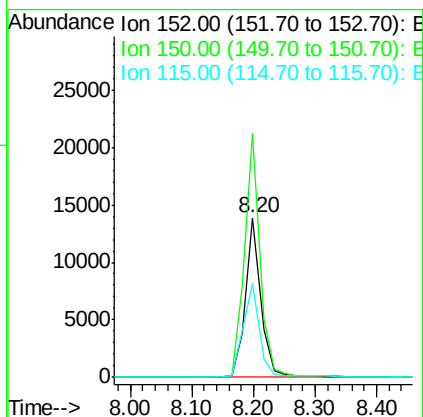
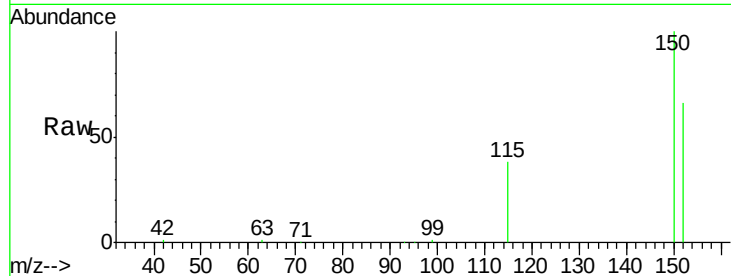
1,4-Dichlorobenzene-d4
Concen: 5.00 ng
RT: 8.20 min Scan# 323
Delta R.T. 0.00 min
Lab File: BE091979.D
Acq: 6 Jul 2016 2:12

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160627

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.5	123.9	185.9
115	58.6	48.3	72.5

Manual Integrations

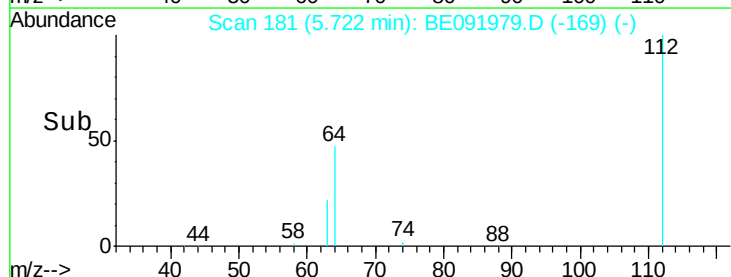
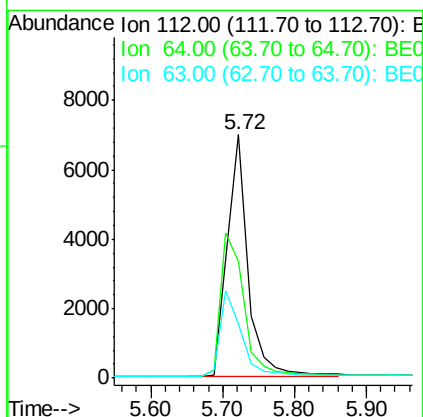
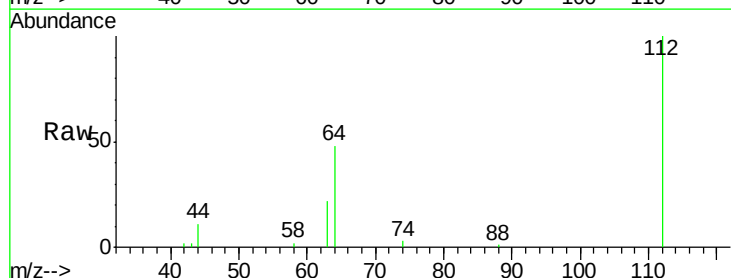
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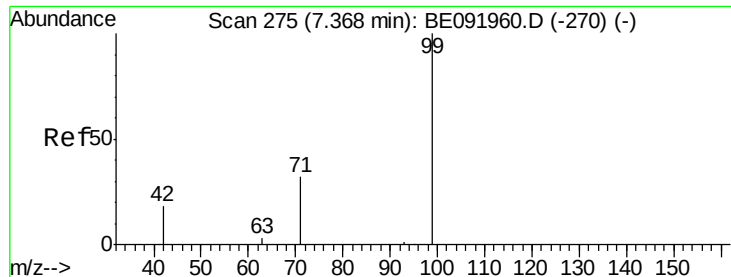


#4

2-Fluorophenol
Concen: 2.47 ng
RT: 5.72 min Scan# 181
Delta R.T. 0.00 min
Lab File: BE091979.D
Acq: 6 Jul 2016 2:12

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	53.7	80.5
63	36.4	29.5	44.3





#5

Phenol-d6

Concen: 2.43 ng

RT: 7.35 min Scan# 274

Delta R.T. -0.02 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160627

Tot Ion: 99 Resp: 18989

Ion Ratio Lower Upper

99 100

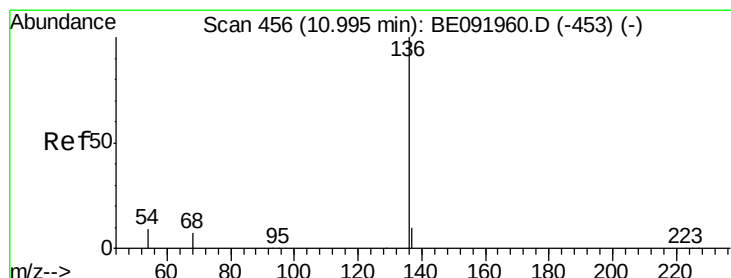
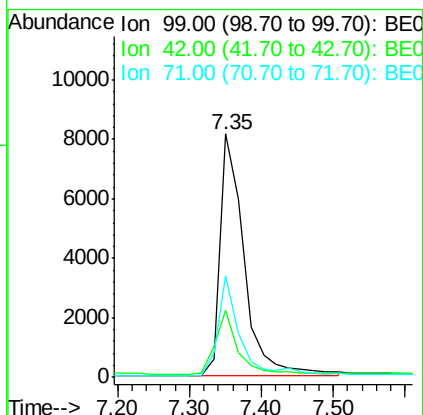
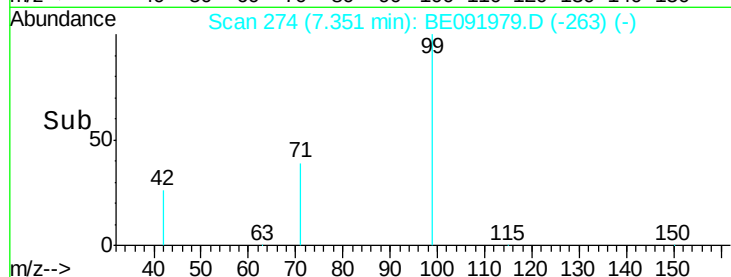
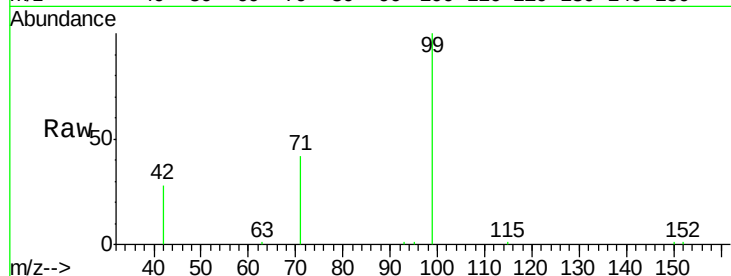
42 24.5 19.6 29.4

71 37.4 28.1 42.1

Manual Integrations

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#8

Naphthalene-d8

Concen: 5.00 ng

RT: 10.99 min Scan# 456

Delta R.T. -0.00 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

Tgt Ion: 136 Resp: 114467

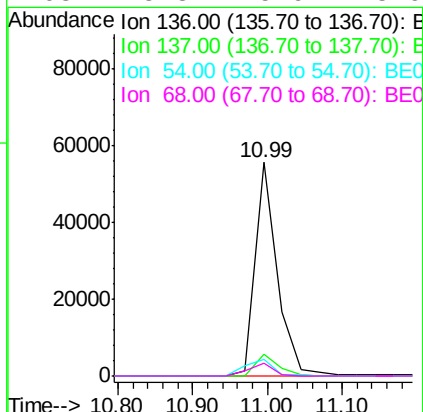
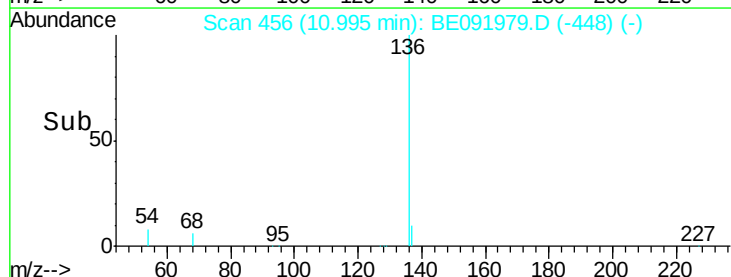
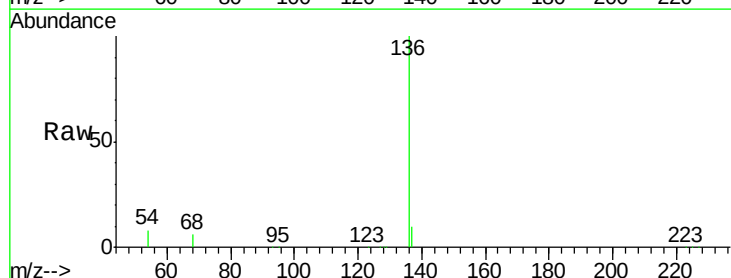
Ion Ratio Lower Upper

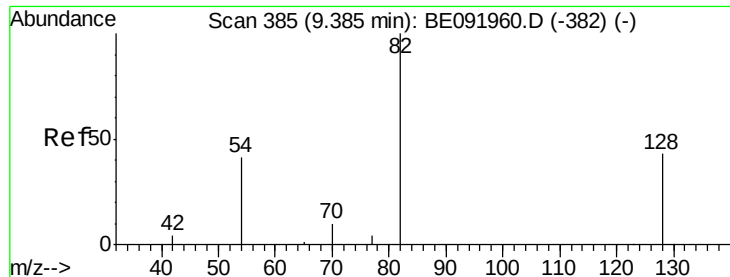
136 100

137 10.3 8.3 12.5

54 7.7 8.2 12.4#

68 5.8 5.9 8.9#





#9

Nitrobenzene-d5

Concen: 2.89 ng

RT: 9.36 min Scan# 384

Delta R.T. -0.02 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

Instrument :

BNA_E

ClientSampleId :

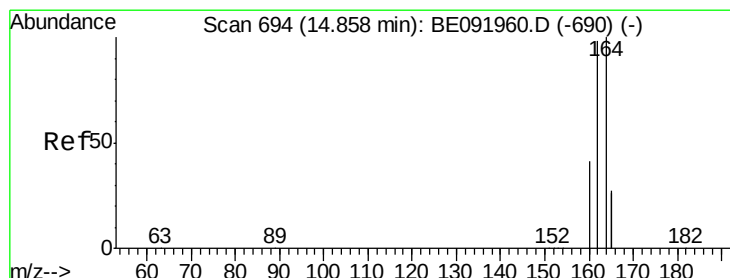
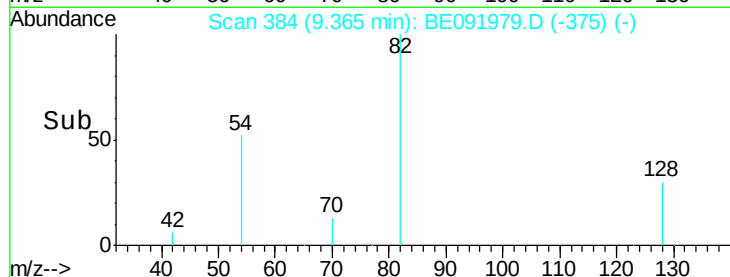
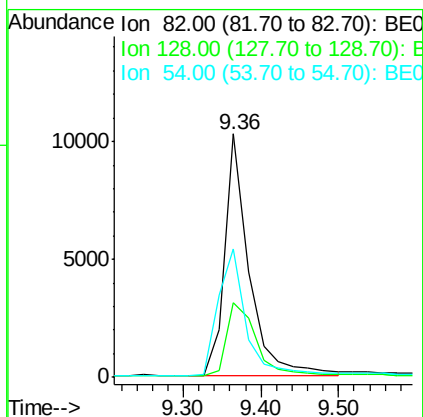
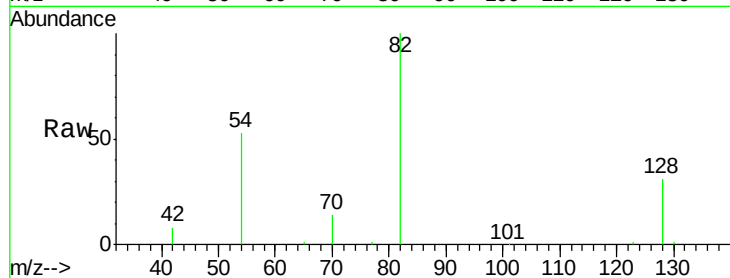
KY038PS027-160627

Tot Ion:	82	Resp:	22521
Ion	Ratio	Lower	Upper
82	100		
128	30.5	39.5	59.3#
54	52.8	30.3	45.5#

Manual Integrations

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#15

Acenaphthene-d10

Concen: 5.00 ng

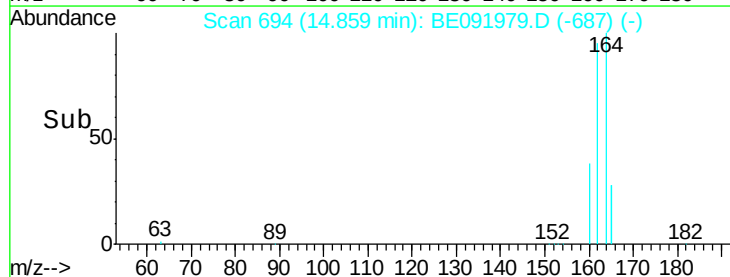
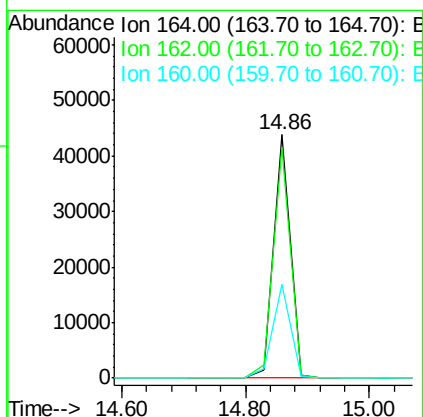
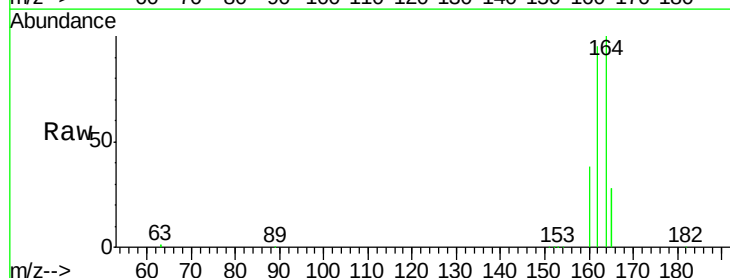
RT: 14.86 min Scan# 694

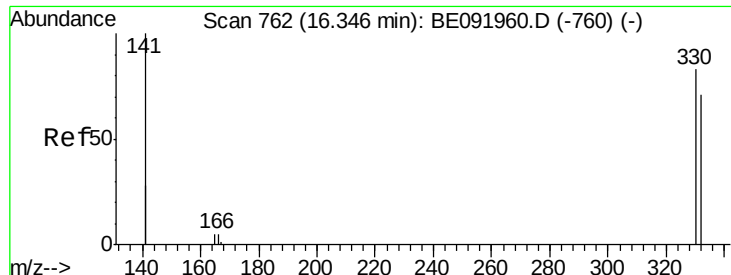
Delta R.T. 0.00 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

Tgt Ion:	164	Resp:	82840
Ion	Ratio	Lower	Upper
164	100		
162	94.9	71.8	107.8
160	38.4	28.0	42.0





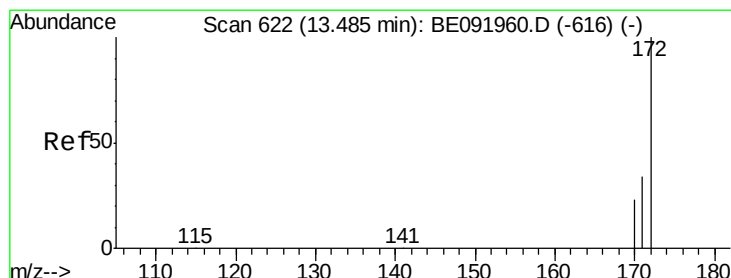
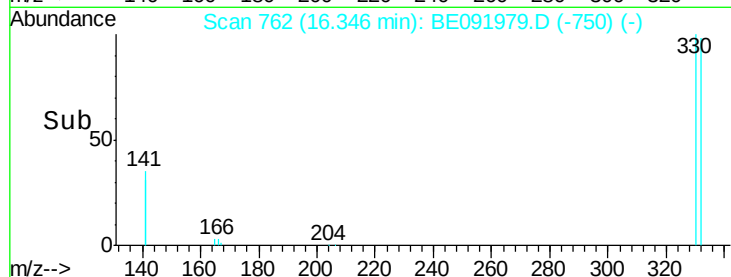
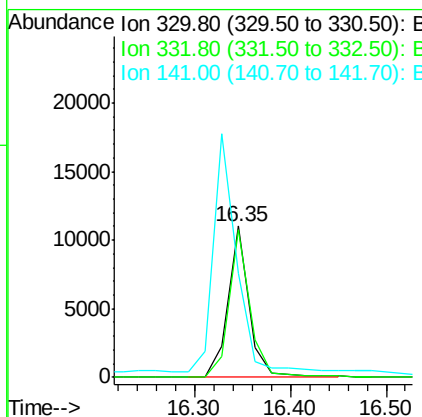
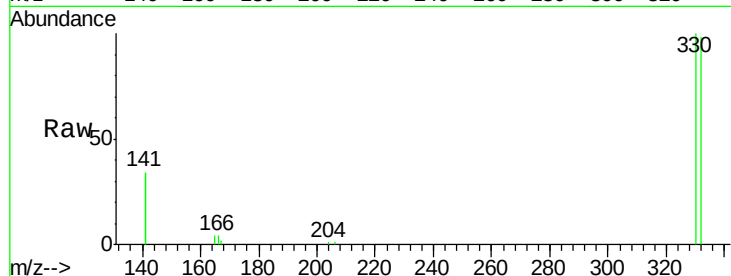
#16
 2,4,6-Tribromophenol
 Concen: 5.61 ng
 RT: 16.35 min Scan# 762
 Delta R.T. -0.00 min
 Lab File: BE091979.D
 Acq: 6 Jul 2016 2:12

Instrument :
 BNA_E
 ClientSampleId :
 KY038PS027-160627

Tot Ion:330 Resp: 16514
 Ion Ratio Lower Upper
 330 100
 332 97.7 77.0 115.6
 141 173.6 138.4 207.6

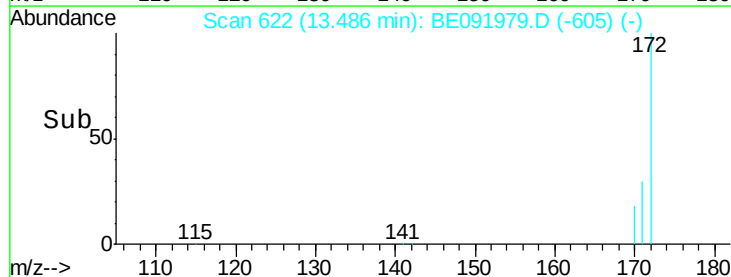
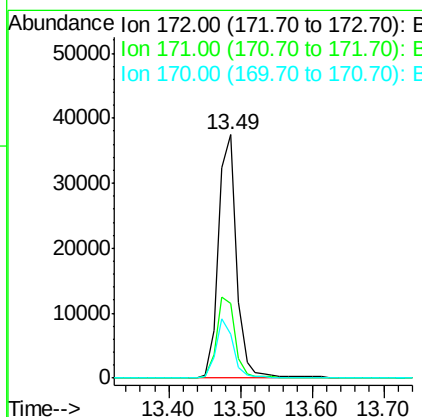
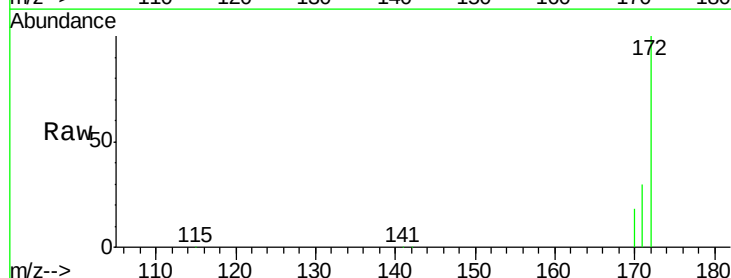
Manual Integrations

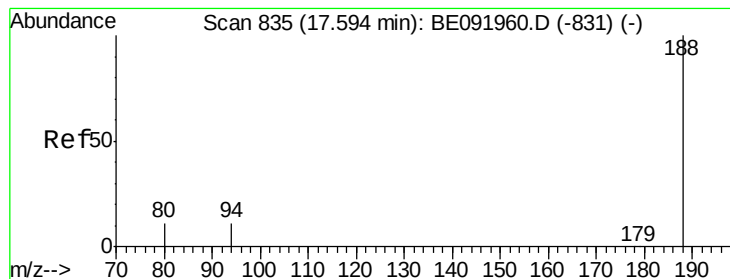
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#17
 2-Fluorobiphenyl
 Concen: 3.25 ng
 RT: 13.49 min Scan# 622
 Delta R.T. 0.00 min
 Lab File: BE091979.D
 Acq: 6 Jul 2016 2:12

Tgt Ion:172 Resp: 65637
 Ion Ratio Lower Upper
 172 100
 171 30.5 24.3 36.5
 170 17.9 14.9 22.3





#24

Phenanthrene-d10

Concen: 5.00 ng

RT: 17.59 min Scan# 835

Delta R.T. -0.00 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

Instrument :

BNA_E

ClientSampleId :

KY038PS027-160627

Tot Ion:188 Resp: 183687

Ion Ratio Lower Upper

188 100

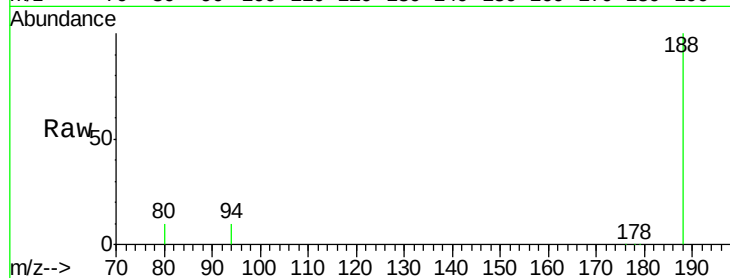
94 10.1 4.1 6.1#

80 9.7 3.4 5.2#

Manual Integrations

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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BE0

Ion 80.00 (79.70 to 80.70): BE0

150000

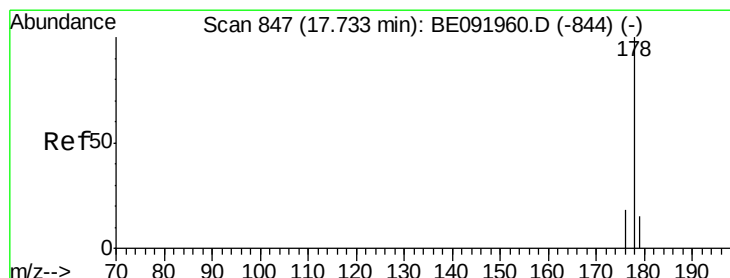
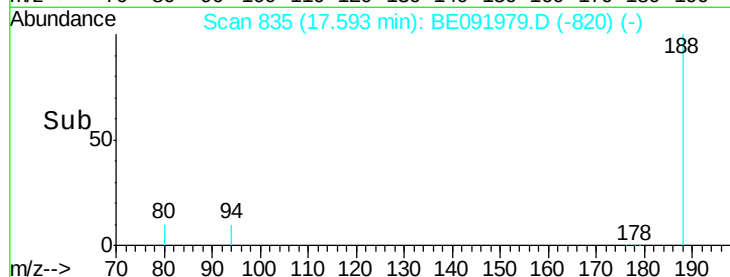
100000

50000

0

17.50 17.60 17.70

Time-->



#29

Anthracene

Concen: 0.02 ng

RT: 17.73 min Scan# 847

Delta R.T. -0.00 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

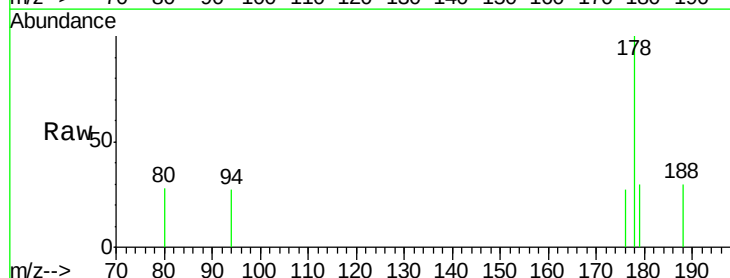
Tgt Ion:178 Resp: 1094

Ion Ratio Lower Upper

178 100

176 18.7 15.1 22.7

179 13.4 12.1 18.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

800

600

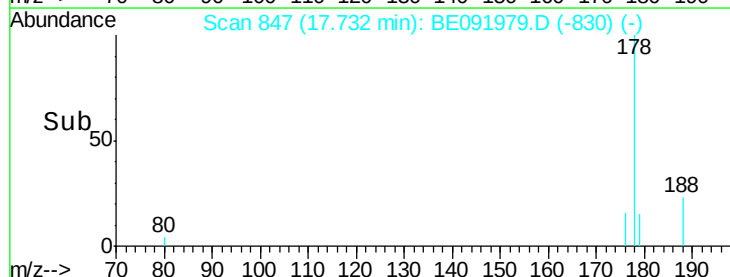
400

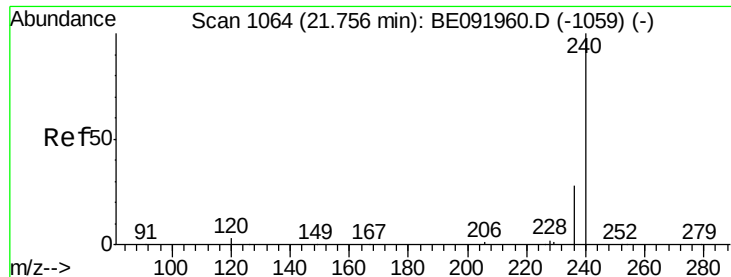
200

0

17.60 17.70 17.80 17.90

Time-->





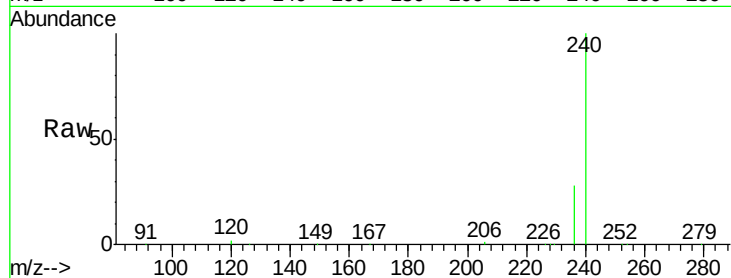
#31
Chrysene-d12
Concen: 5.00 ng
RT: 21.76 min Scan# 1064
Delta R.T. 0.00 min
Lab File: BE091979.D
Acq: 6 Jul 2016 2:12

Instrument :
BNA_E
ClientSampleId :
KY038PS027-160627

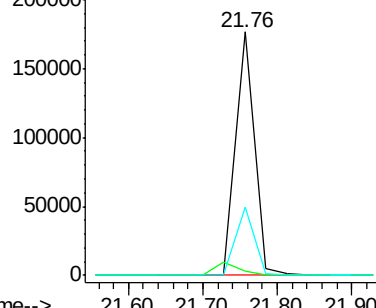
Tot Ion	Ratio	Lower	Upper
240	100		
120	1.6	1.2	1.8
236	28.0	19.8	29.8

Manual Integrations

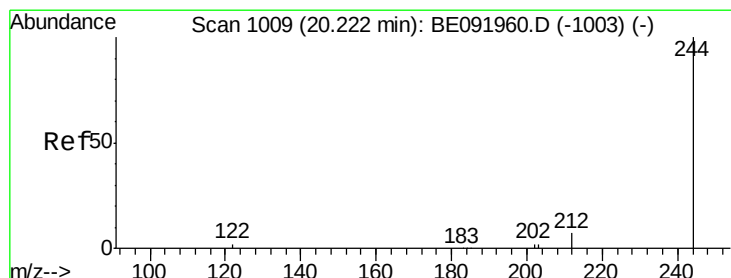
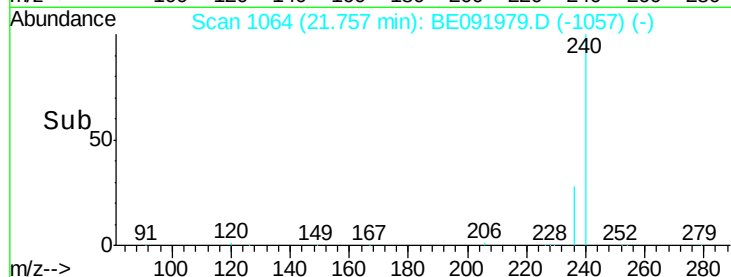
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



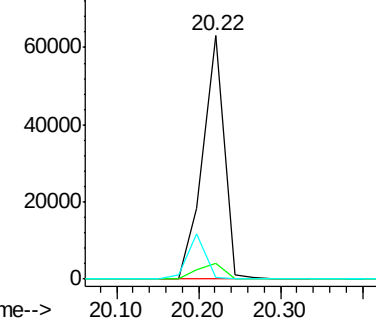
Time-->



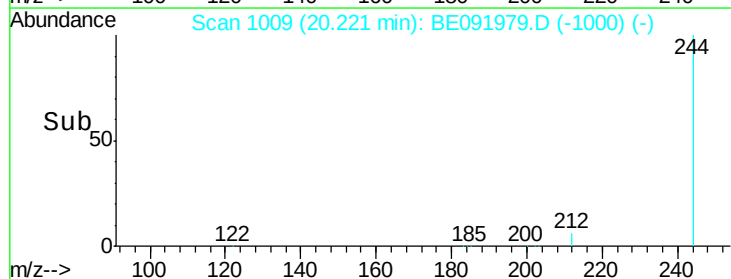
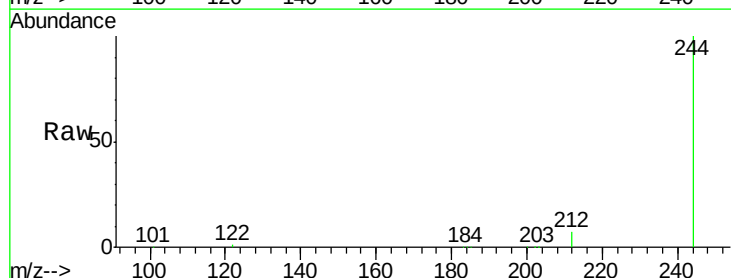
#34
Terphenyl-d14
Concen: 3.06 ng
RT: 20.22 min Scan# 1009
Delta R.T. -0.00 min
Lab File: BE091979.D
Acq: 6 Jul 2016 2:12

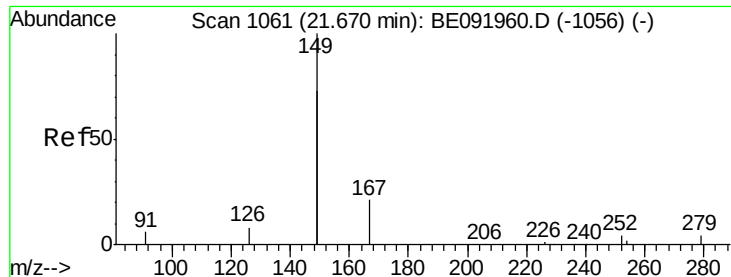
Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.5	9.7
122	0.6	2.9	4.3#

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



Time-->





#38

Bis(2-ethylhexyl)phthalate

Concen: 0.14 ng

RT: 21.64 min Scan# 1060

Delta R.T. -0.03 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

Instrument :

BNA_E

ClientSampleId :

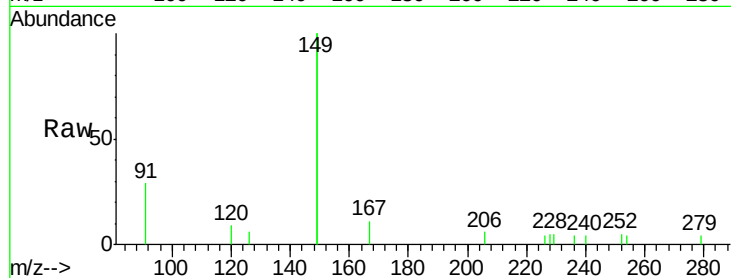
KY038PS027-160627

Tot Ion:	149	Resp:	8355
Ion Ratio	Lower	Upper	
149	100		
167	0.0	0.0	0.0
279	0.0	0.0	0.0

Manual Integrations

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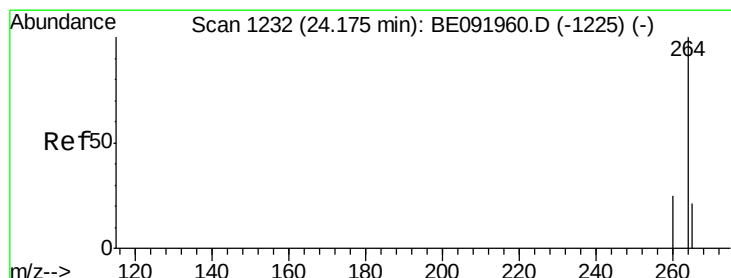
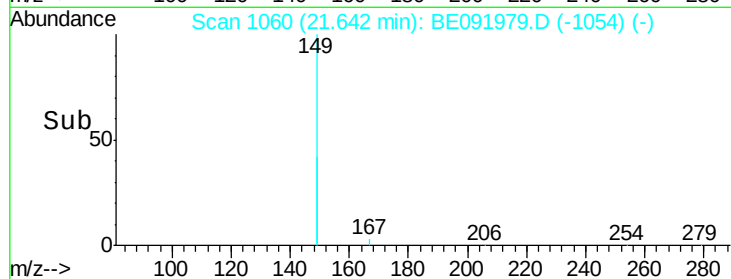
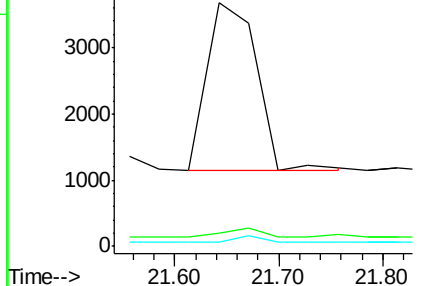
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Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#40

Perylene-d12

Concen: 5.00 ng

RT: 24.18 min Scan# 1232

Delta R.T. 0.00 min

Lab File: BE091979.D

Acq: 6 Jul 2016 2:12

Tgt Ion:	264	Resp:	222696
Ion Ratio	Lower	Upper	
264	100		
260	23.9	20.3	30.5
265	22.6	17.6	26.4

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

