

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096291.D
 Acq On : 29 Jun 2017 14:58
 Operator : SJ/MA
 Sample : I3949-07
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-C2-(0-8)

Manual Integrations
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Quant Time: Jun 30 04:31:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	167483	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	659103	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	240892	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	358985	20.00	ng	0.00
75) Chrysene-d12	13.92	240	335206	20.00	ng	0.00
86) Perylene-d12	15.34	264	248976	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1114660	95.88	ng	0.01
7) Phenol-d6	6.40	99	1359820	96.60	ng	0.01
23) Nitrobenzene-d5	7.33	82	761564	79.99	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	181571	95.78	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	916296	69.66	ng	-0.02
78) Terphenyl-d14	12.87	244	577432	42.98	ng	0.00
Target Compounds						
10) Phenol	6.42	94	31215	2.02	ng	85
49) Dimethylphthalate	9.52	163	280769	16.29	ng	98

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

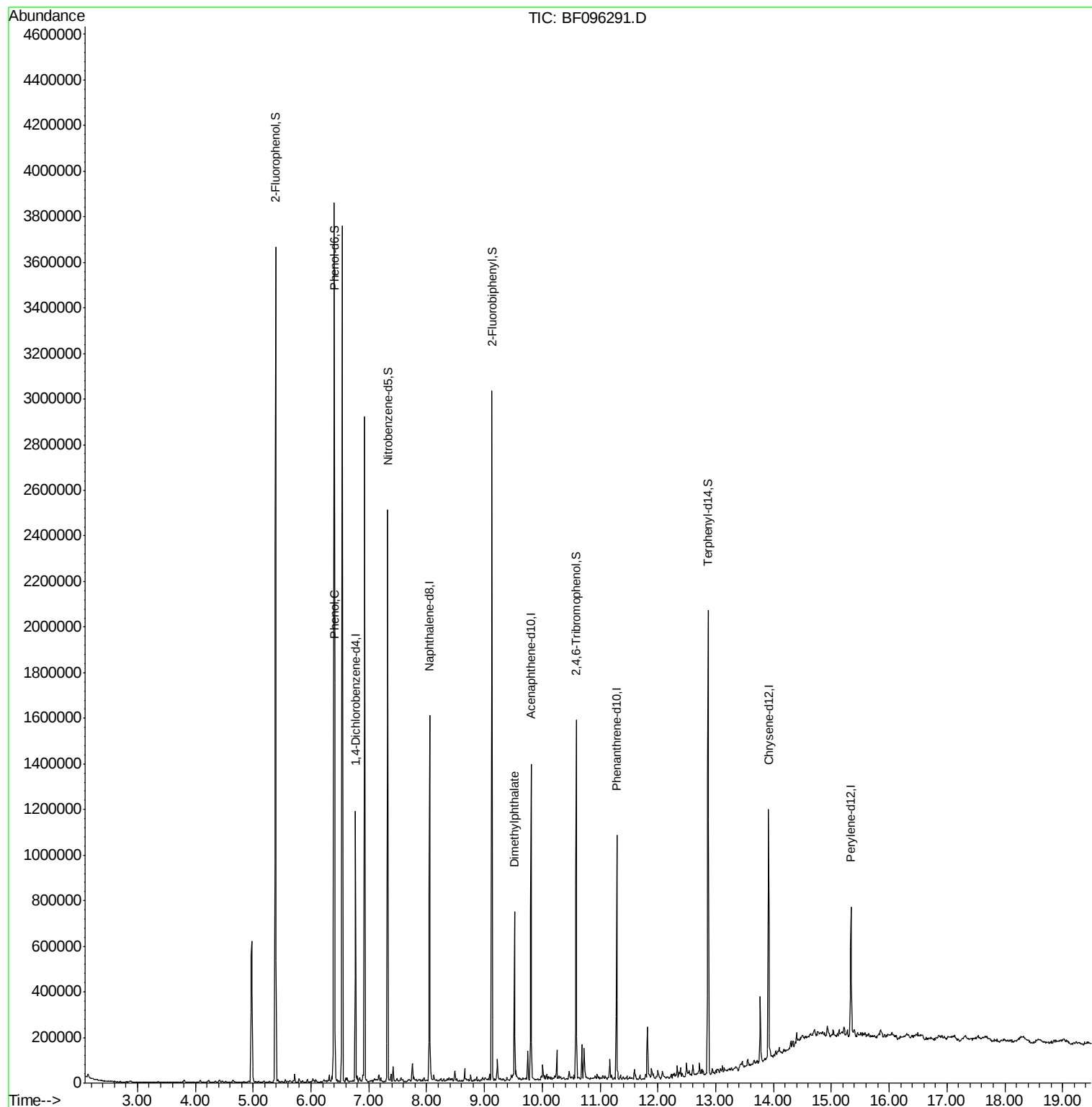
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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#1

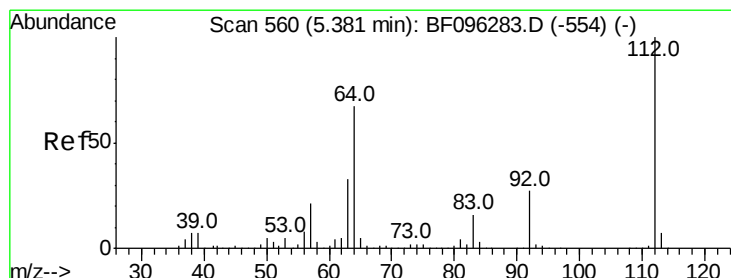
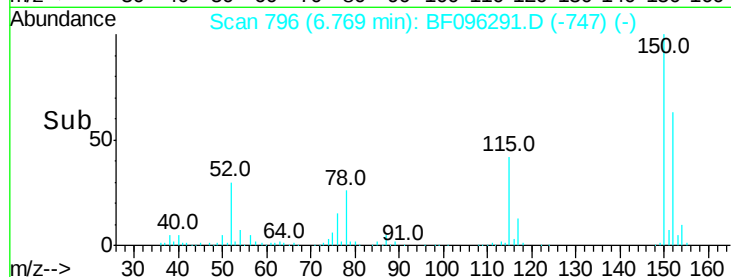
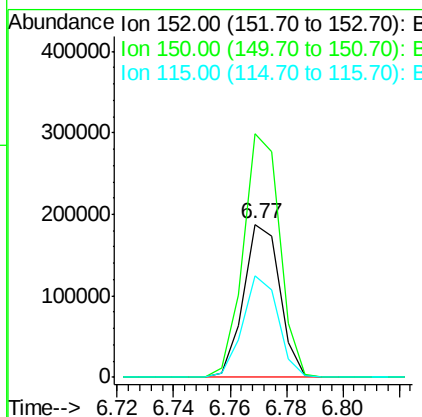
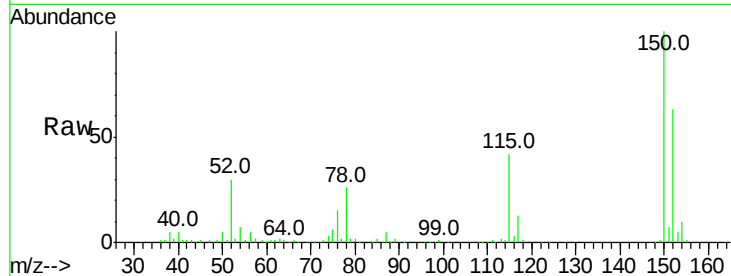
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Instrument :
BNA_F
ClientSampleId :
TP-C2-(0-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.3	126.2	189.2
115	66.5	52.2	78.2

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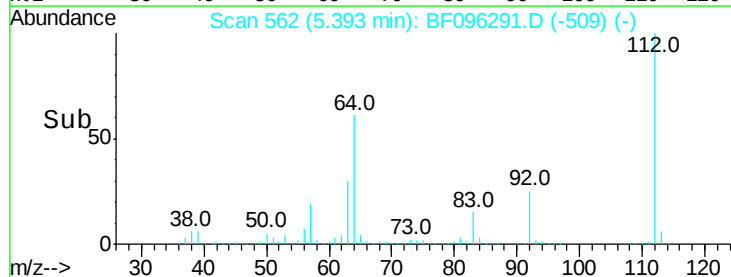
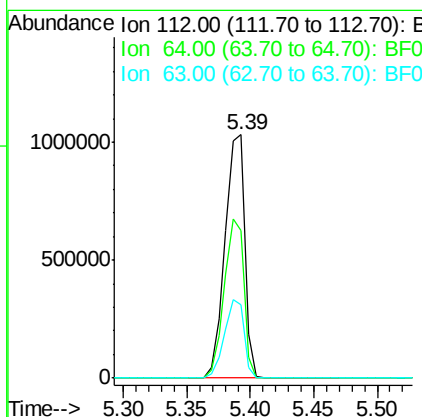
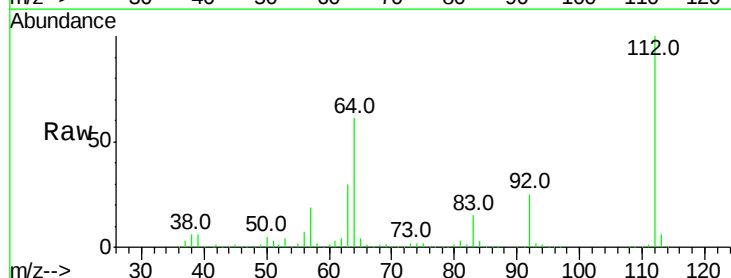
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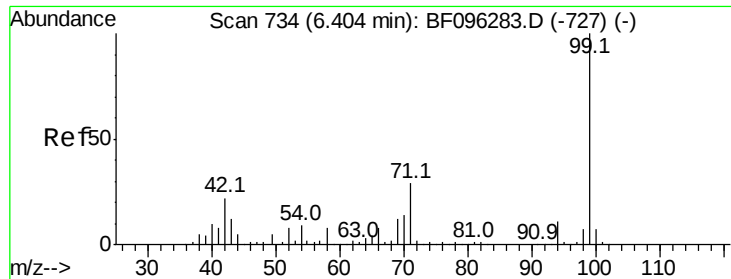


#5

2-Fluorophenol
Concen: 95.88 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.9	46.0	69.0
63	30.2	23.4	35.0





#7

Phenol-d6

Concen: 96.60 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096291.D

Acq: 29 Jun 2017 14:58

Instrument :

BNA_F

ClientSampleId :

TP-C2-(0-8)

Tot Ion: 99 Resp: 1359820

Ion Ratio Lower Upper

99 100

42 21.5 13.5 20.3#

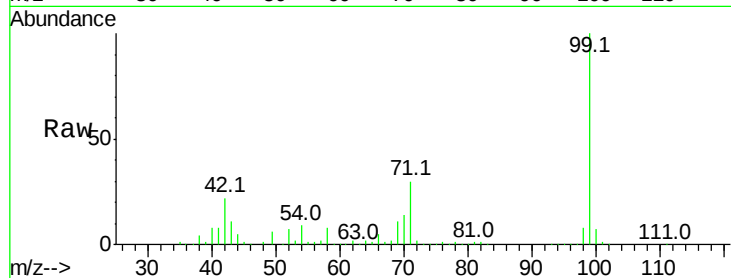
71 29.8 24.5 36.7

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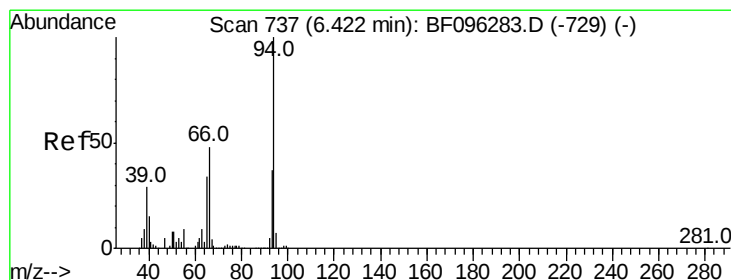
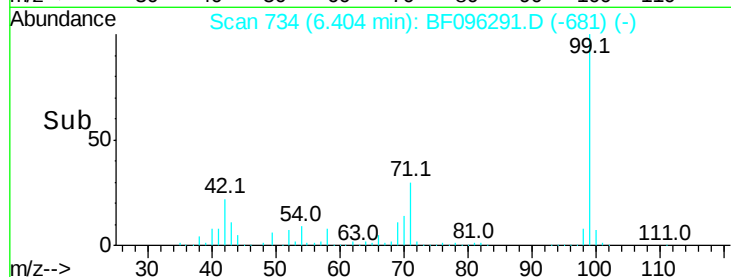
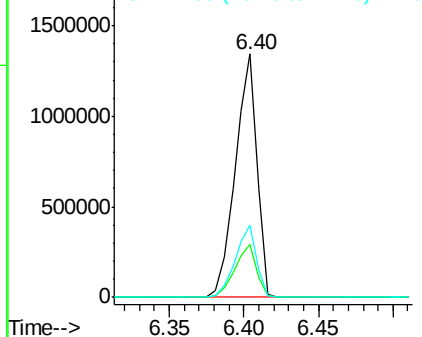
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.02 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.01 min

Lab File: BF096291.D

Acq: 29 Jun 2017 14:58

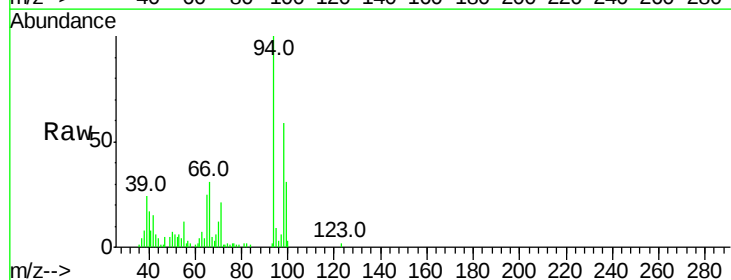
Tgt Ion: 94 Resp: 31215

Ion Ratio Lower Upper

94 100

65 24.8 9.9 49.9

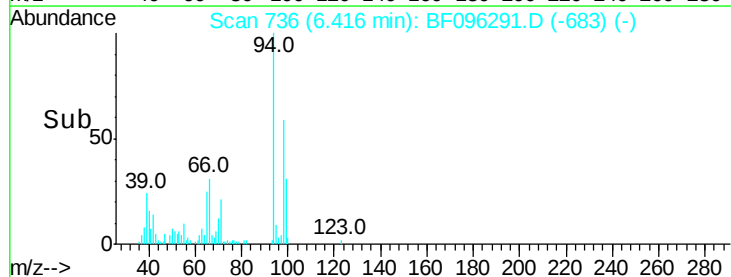
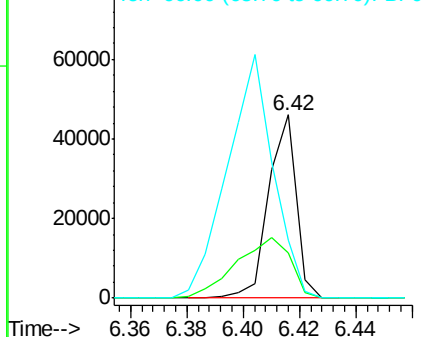
66 31.3 23.1 63.1

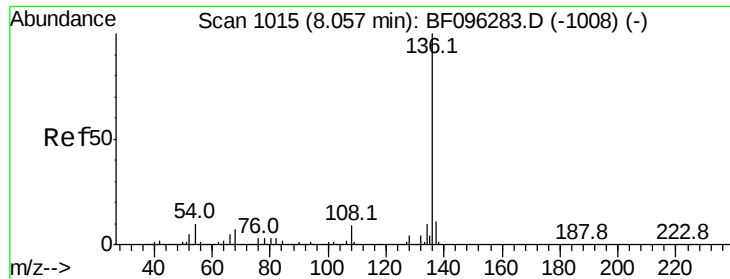


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF096291.D

Acq: 29 Jun 2017 14:58

Instrument :

BNA_F

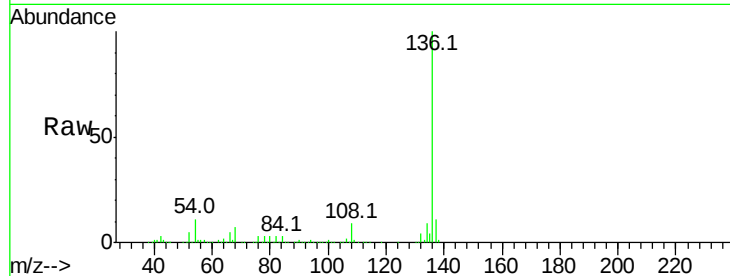
ClientSampleId :

TP-C2-(0-8)

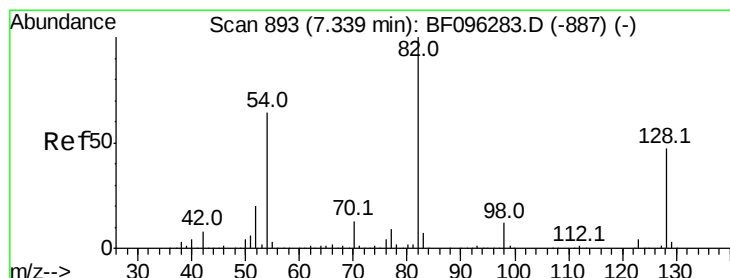
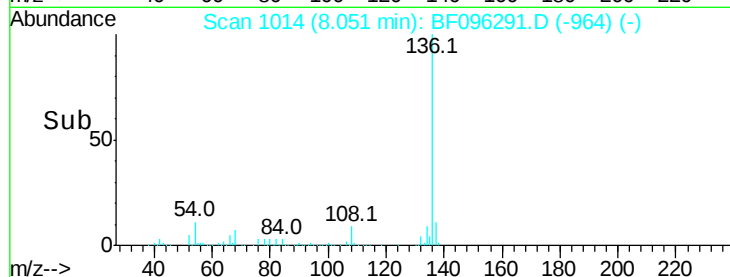
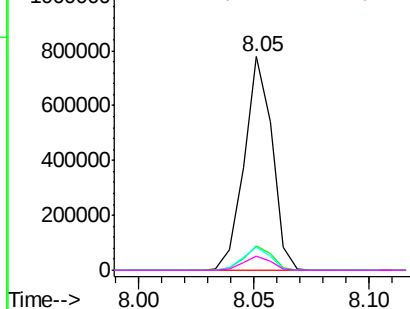
Tot Ion	Ratio	Resp	Lower	Upper
136	100	659103		
137	11.4	8.5	12.7	
54	11.1	4.9	7.3#	
68	6.7	4.1	6.1#	

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Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 79.99 ng

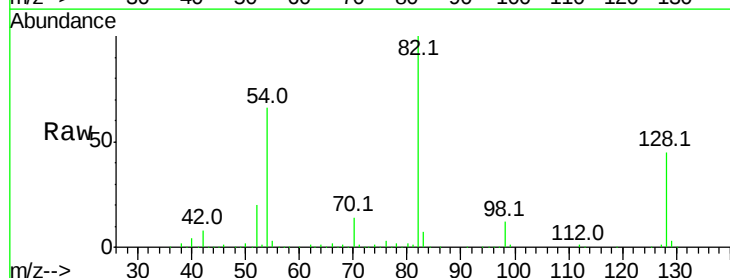
RT: 7.33 min Scan# 891

Delta R.T. -0.03 min

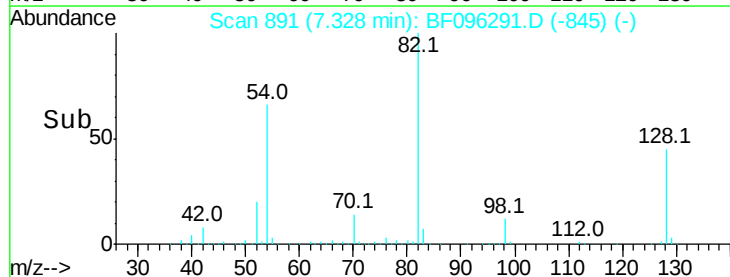
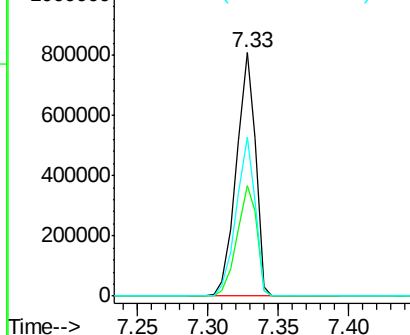
Lab File: BF096291.D

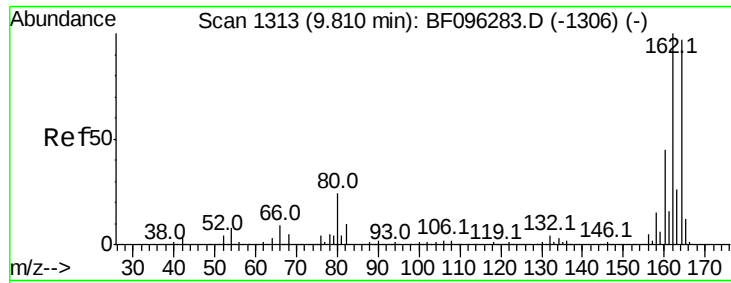
Acq: 29 Jun 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	761564		
128	45.2	34.0	51.0	
54	65.6	42.2	63.2#	



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





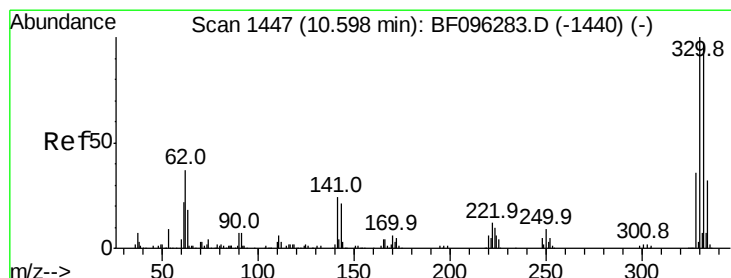
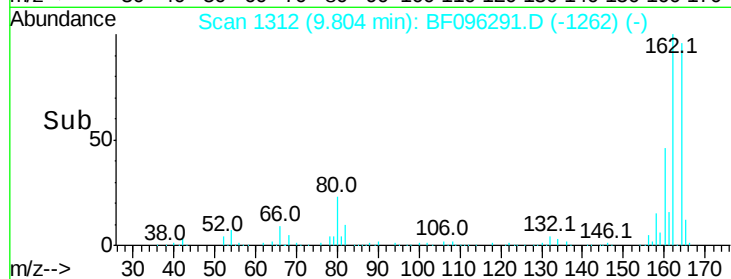
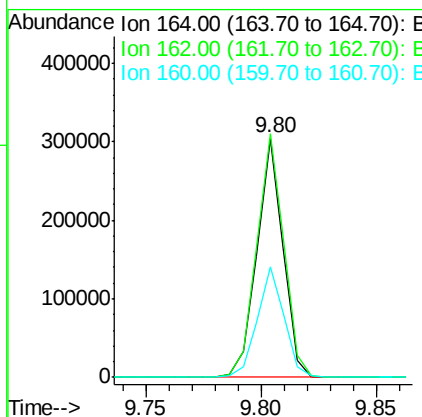
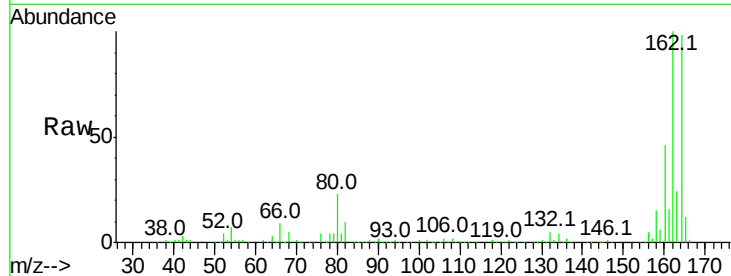
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Instrument :
BNA_F
ClientSampleId :
TP-C2-(0-8)

Tot Ion	Ratio	Resp	Lower	Upper
164	100	240892		
162	101.9	82.6	123.8	
160	46.4	36.2	54.2	

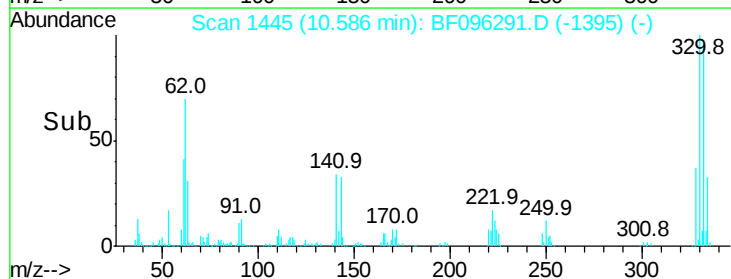
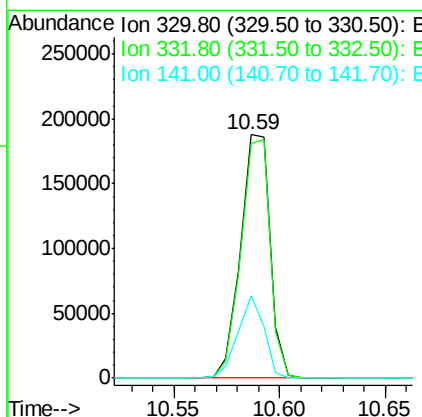
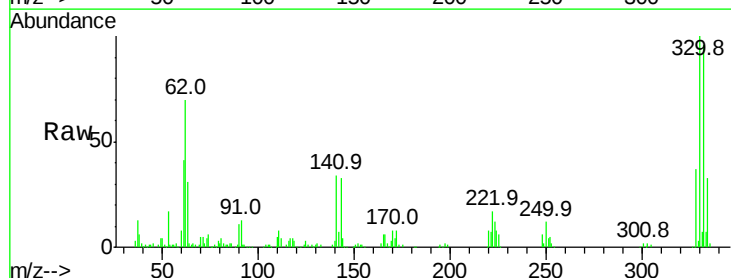
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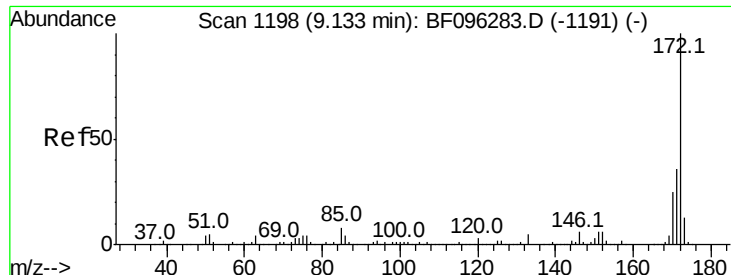
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#41
2,4,6-Tribromophenol
Concen: 95.78 ng
RT: 10.59 min Scan# 1445
Delta R.T. -0.01 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	181571		
332	96.9	76.6	115.0	
141	30.3	31.4	47.2	





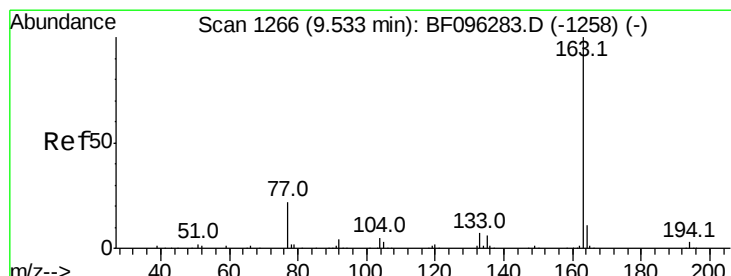
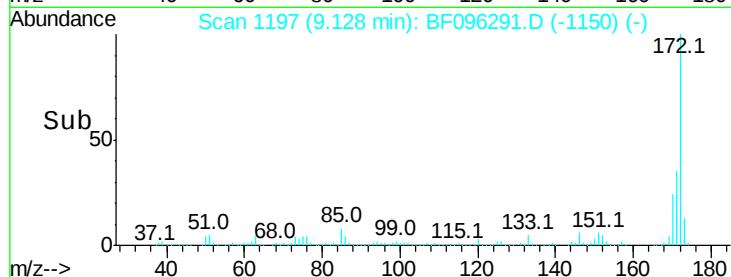
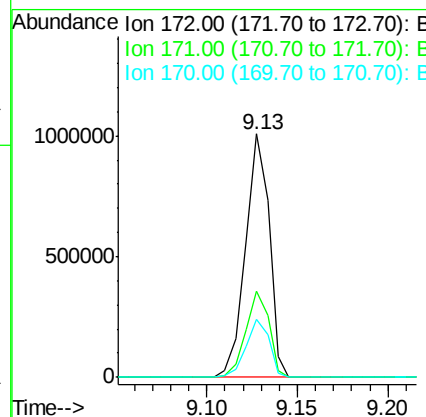
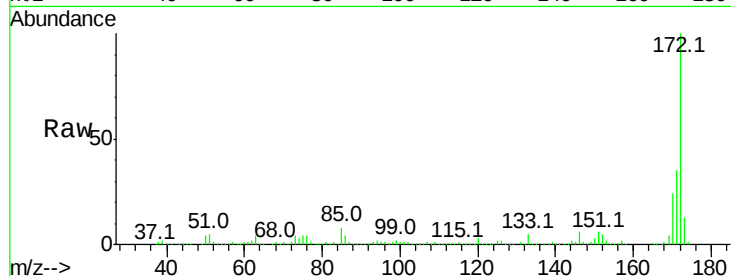
#44
2-Fluorobiphenyl
Concen: 69.66 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Instrument :
BNA_F
ClientSampleId :
TP-C2-(0-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	24.0	19.8	29.8	

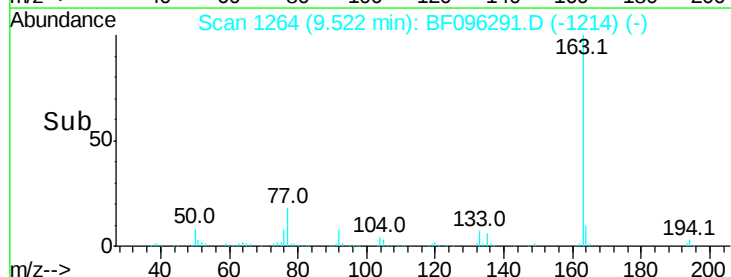
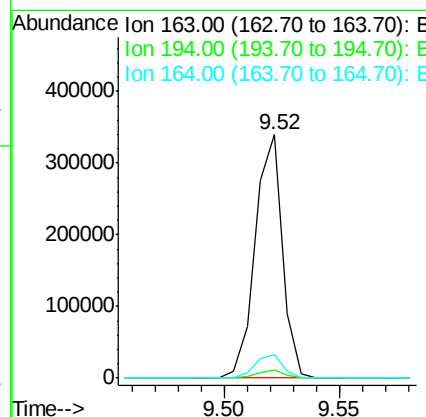
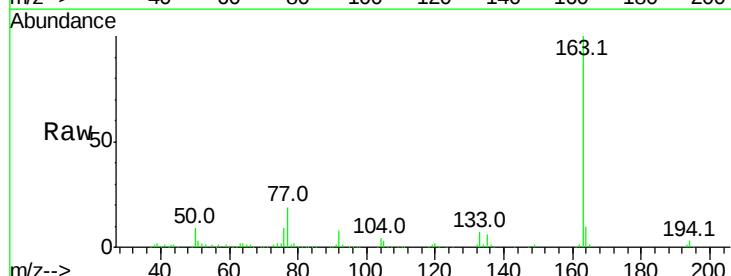
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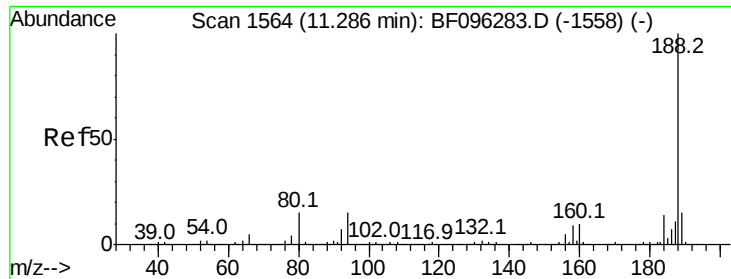
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#49
Dimethylphthalate
Concen: 16.29 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.4	2.6	4.0	
164	9.7	8.4	12.6	





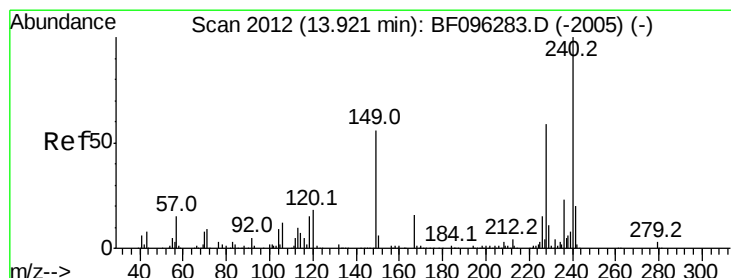
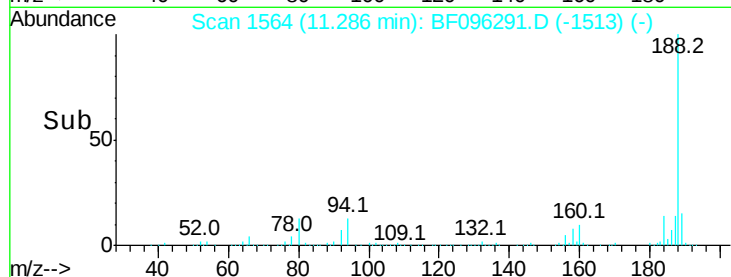
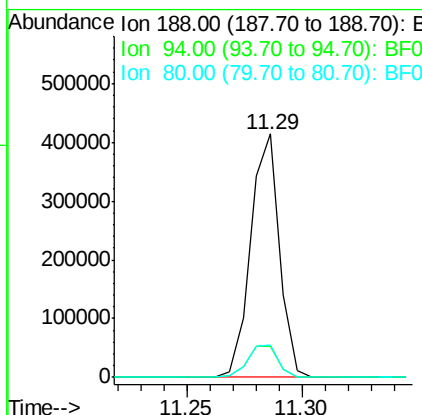
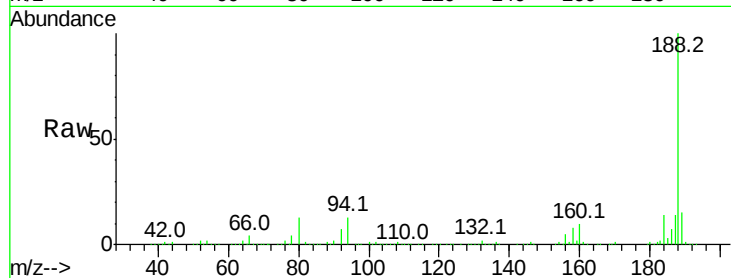
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Instrument :
BNA_F
ClientSampled :
TP-C2-(0-8)

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.9	9.4	14.2
80	13.1	10.2	15.2

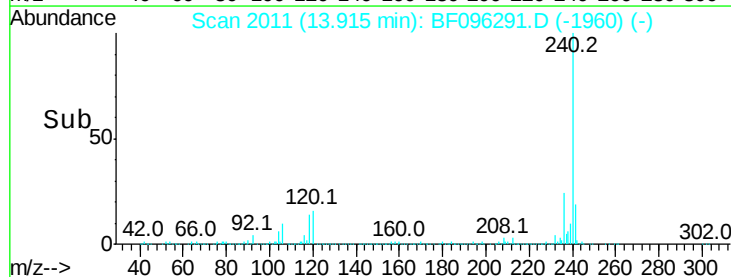
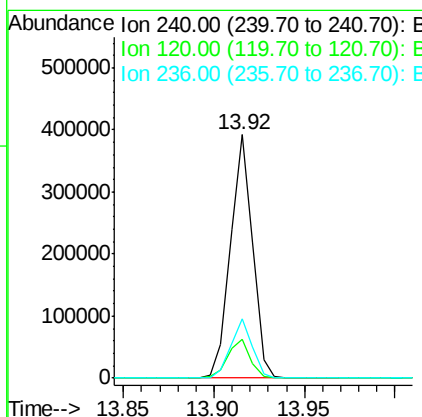
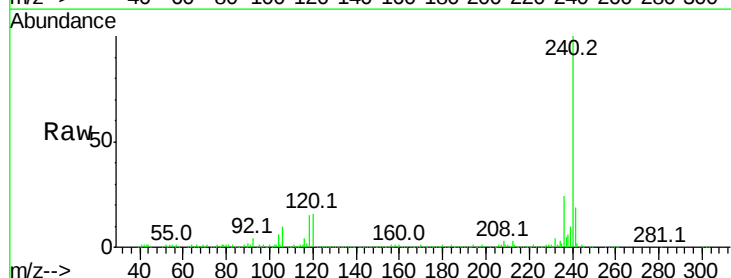
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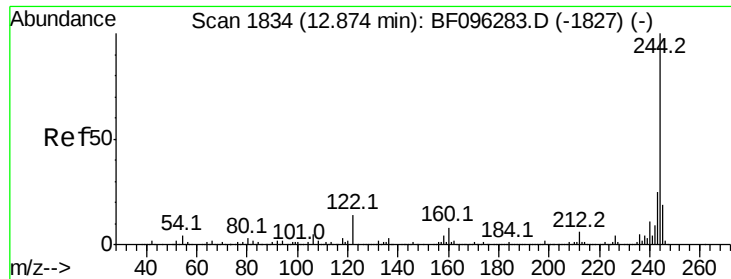
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#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BF096291.D
Acq: 29 Jun 2017 14:58

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	15.9	5.8	8.8#
236	24.3	20.5	30.7





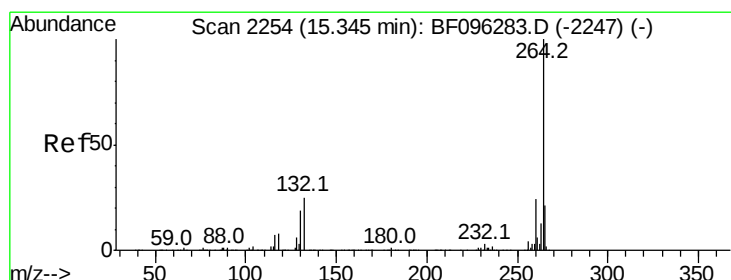
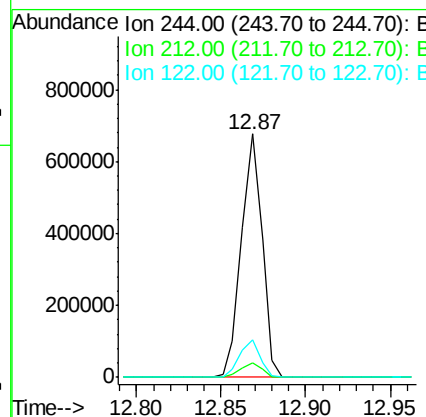
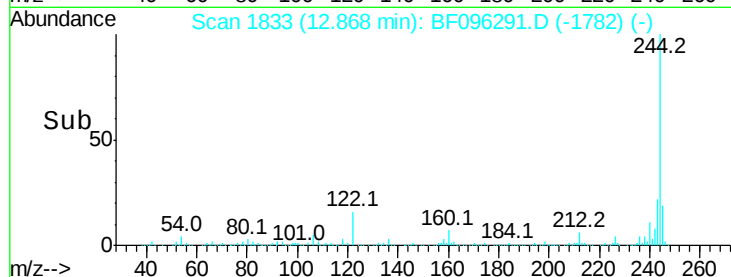
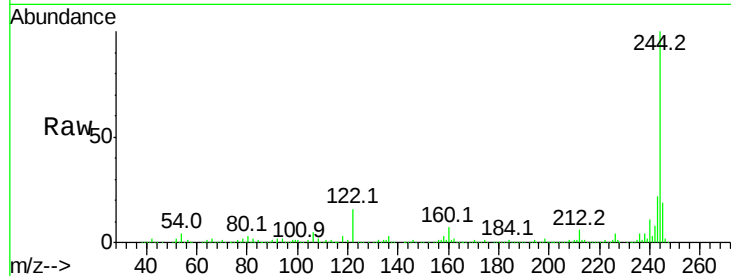
#78
 Terphenyl-d14
 Concen: 42.98 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF096291.D
 Acq: 29 Jun 2017 14:58

Instrument :
 BNA_F
 ClientSampleId :
 TP-C2-(0-8)

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.9	6.0	9.0#
122	15.6	10.3	15.5#

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2253
 Delta R.T. -0.00 min
 Lab File: BF096291.D
 Acq: 29 Jun 2017 14:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	21.5	17.2	25.8

