

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
 Data File : BF100956.D
 Acq On : 29 Nov 2017 2:09
 Operator : SJ/JU
 Sample : I6579-08
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HAR-3-E(7-8)

Manual Integrations
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Sohil
 11/29/2017 4:29:21 PM

Quant Time: Nov 29 08:05:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 28 15:21:02 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	66360	20.00	ng	0.00
21) Naphthalene-d8	8.14	136	244414	20.00	ng	0.00
38) Acenaphthene-d10	9.89	164	95154	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	160571	20.00	ng	0.00
75) Chrysene-d12	14.02	240	160306	20.00	ng	0.00
86) Perylene-d12	15.49	264	129655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	513960	124.15	ng	0.01
7) Phenol-d6	6.49	99	607482	119.00	ng	0.00
23) Nitrobenzene-d5	7.42	82	363192	98.24	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	123802	127.68	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	629962	100.81	ng	0.00
78) Terphenyl-d14	12.97	244	510068	73.11	ng	0.00
Target Compounds						
10) Phenol	6.50	94	14567	2.718	ng	92
49) Dimethylphthalate	9.60	163	23379	3.218	ng	97

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

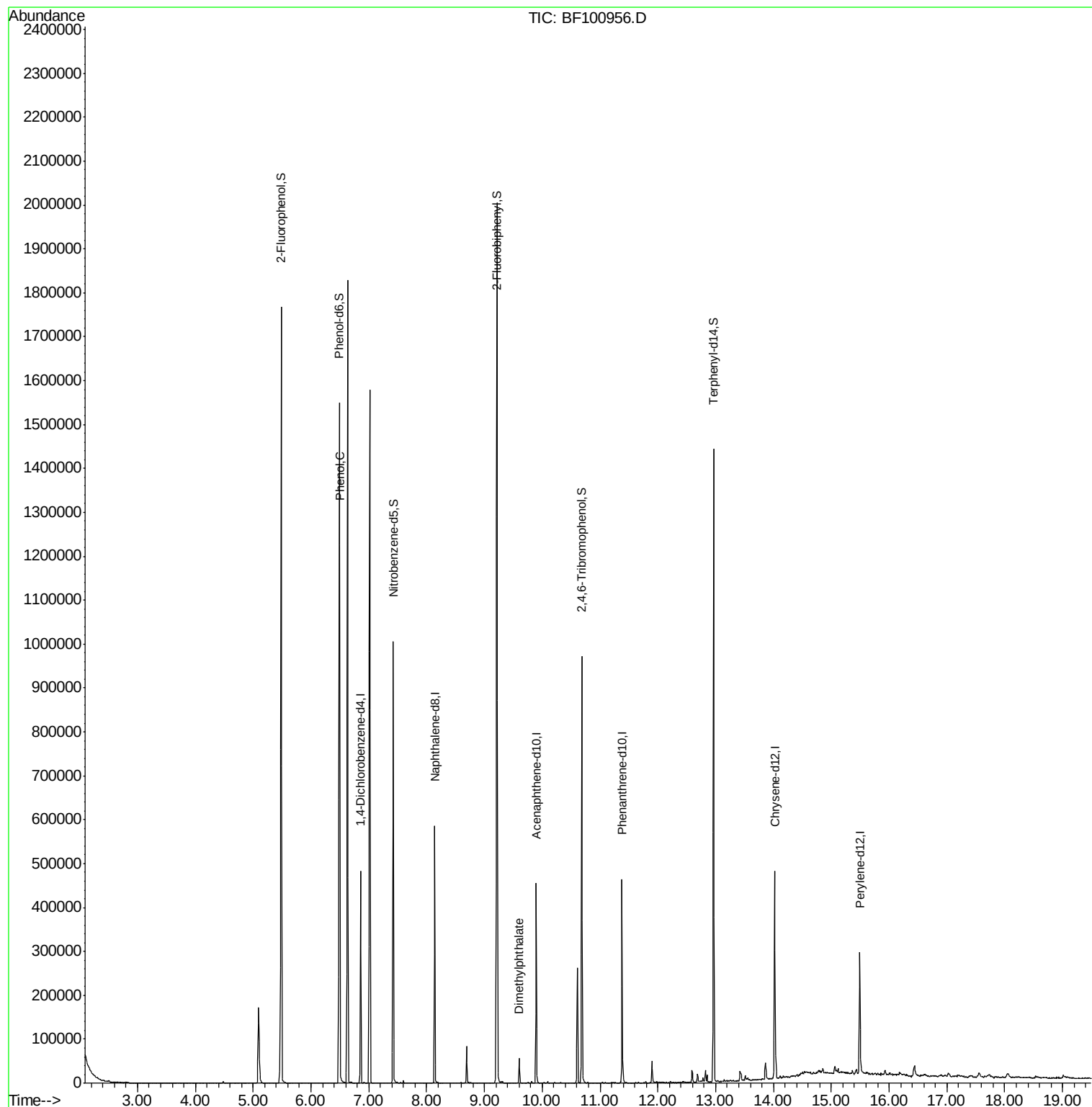
Data Path : Z:\HPCHEM1\BNA F\DATA\BF112817\
Data File : BF100956.D
Acq On : 29 Nov 2017 2:09
Operator : SJ/JU
Sample : I6579-08
Misc :
ALS Vial : 33 Sample Multiplier: 1

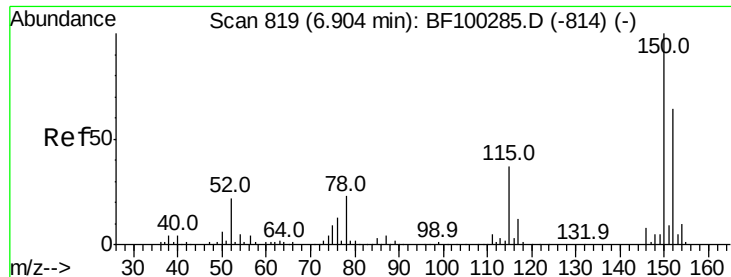
Instrument :
BNA_F
ClientSampleId :
HAR-3-E(7-8)

Manual Integrations
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#1

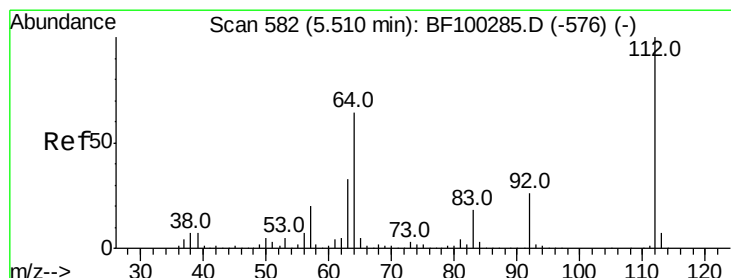
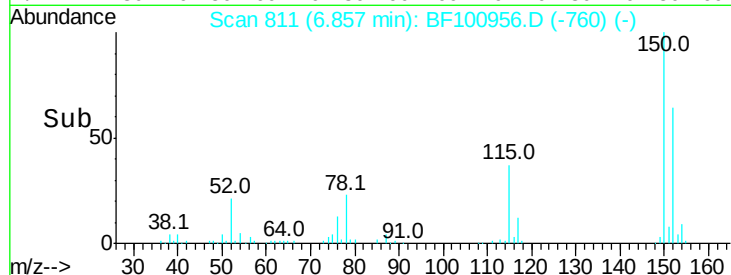
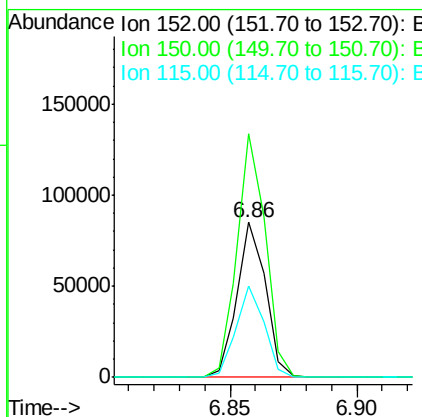
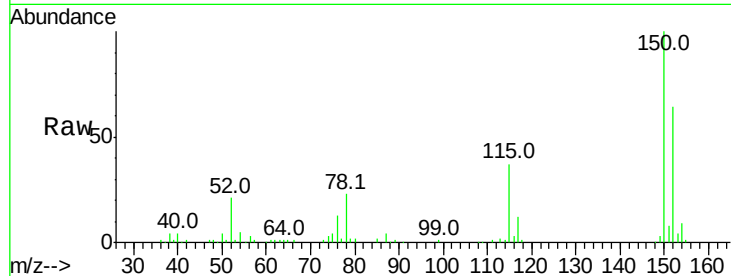
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.86 min Scan# 811
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(7-8)

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.9	124.6	186.8
115	58.5	50.1	75.1

Manual Integrations
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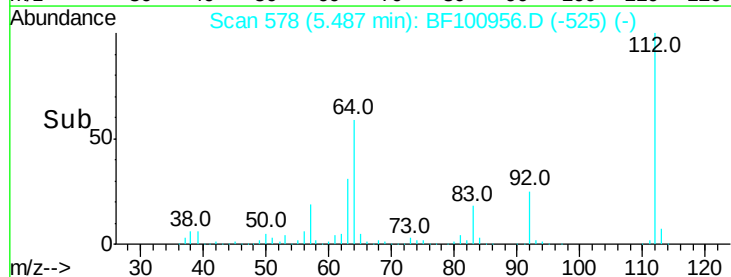
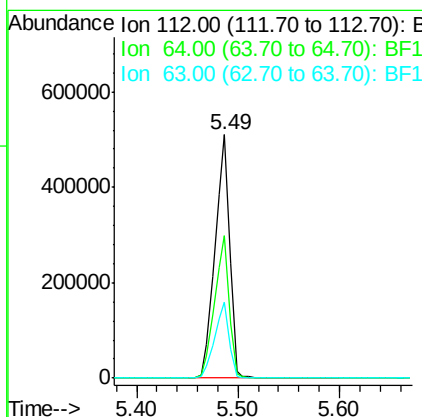
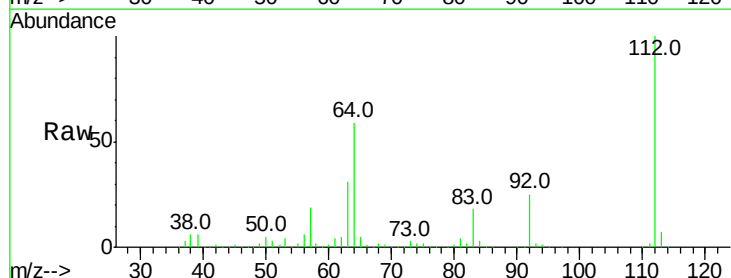
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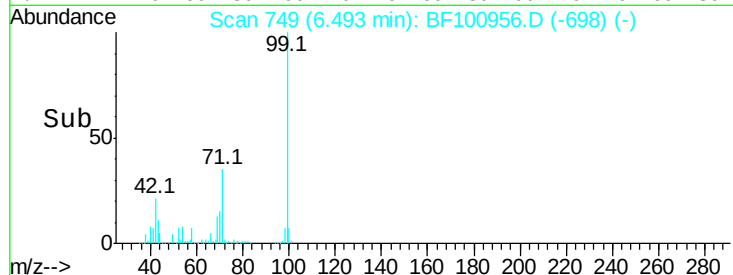
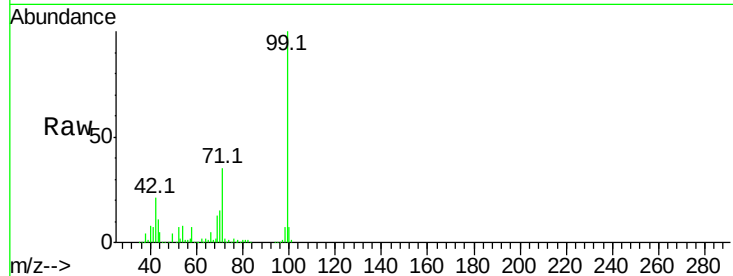
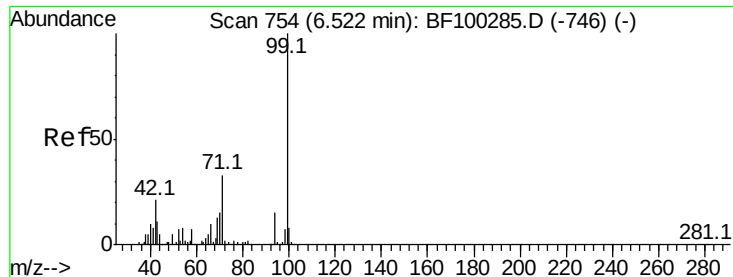


#5

2-Fluorophenol
Concen: 124.152 ng
RT: 5.49 min Scan# 578
Delta R.T. 0.01 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.7	47.9	71.9
63	31.3	23.7	35.5





#7

Phenol-d6

Concen: 119.000 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

Tot Ion:	99	Resp:	607482
Ion Ratio	Lower	Upper	
99	100		
42	21.0	14.5	21.7
71	35.2	25.4	38.0

Instrument :

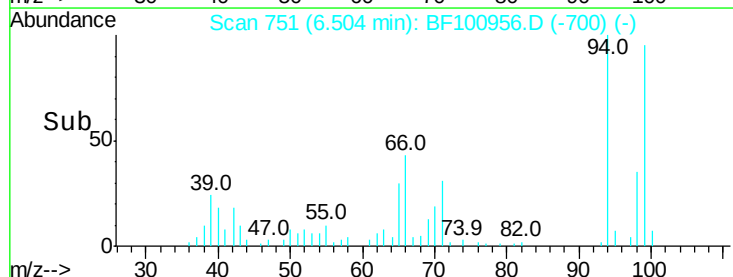
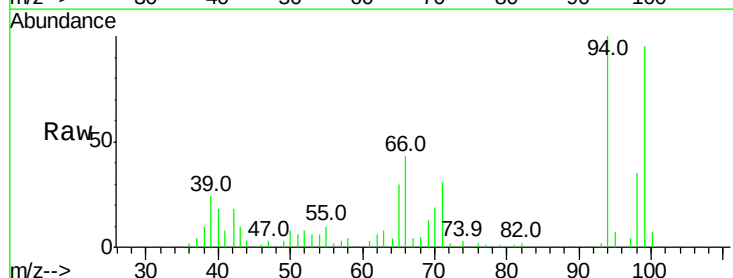
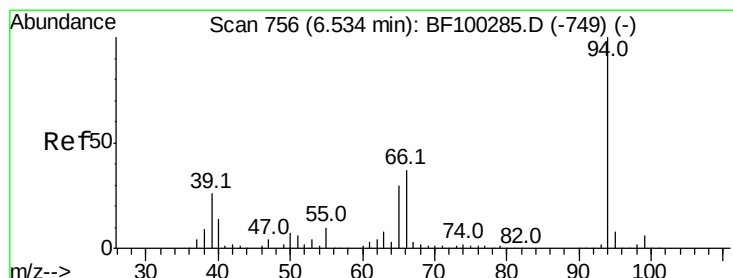
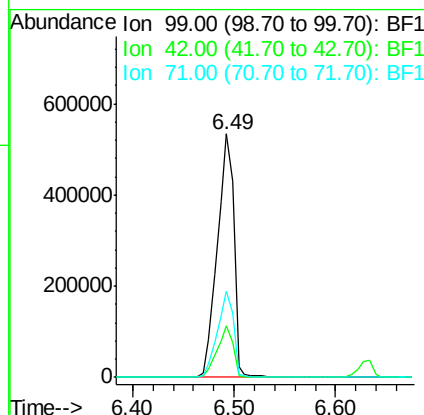
BNA_F

ClientSampleId :

HAR-3-E(7-8)

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#10

Phenol

Concen: 2.718 ng

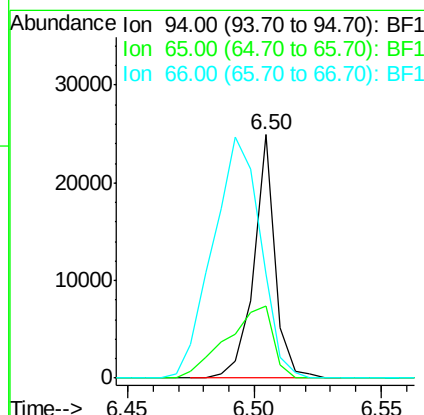
RT: 6.50 min Scan# 751

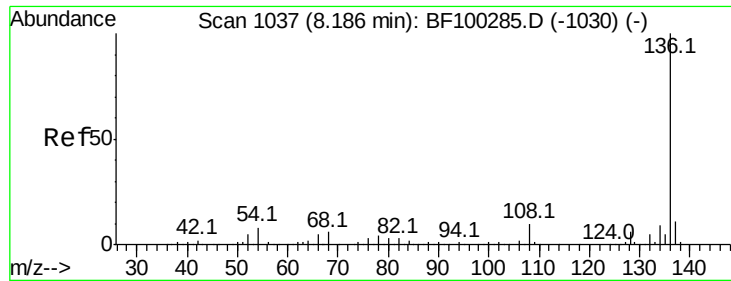
Delta R.T. 0.00 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

Tgt Ion:	94	Resp:	14567
Ion Ratio	Lower	Upper	
94	100		
65	29.5	7.9	47.9
66	42.6	16.2	56.2





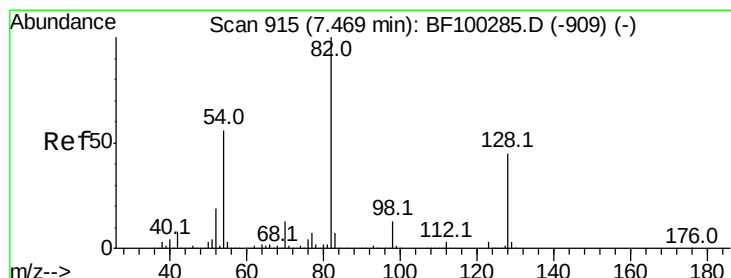
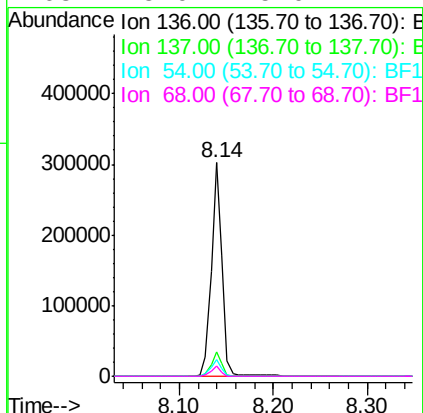
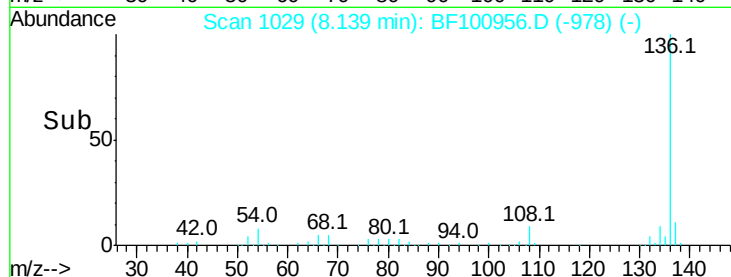
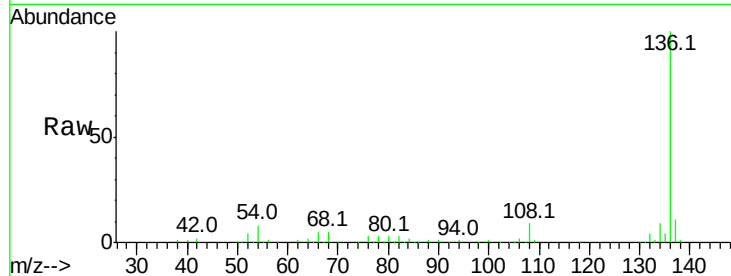
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.14 min Scan# 1029
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
136	100	244414		
137	11.1		8.9	13.3
54	7.9		6.6	9.8
68	5.0		5.0	7.4

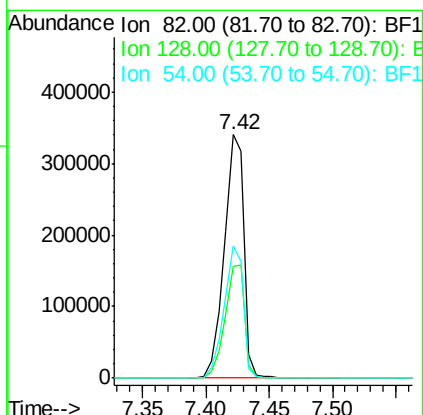
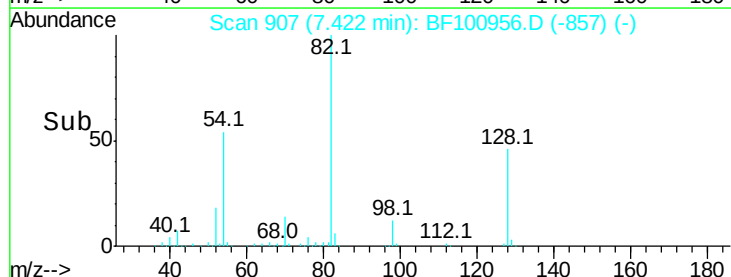
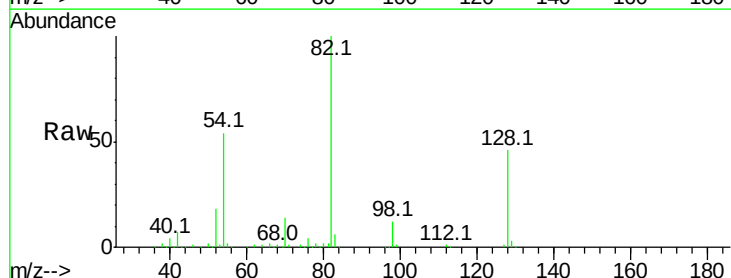
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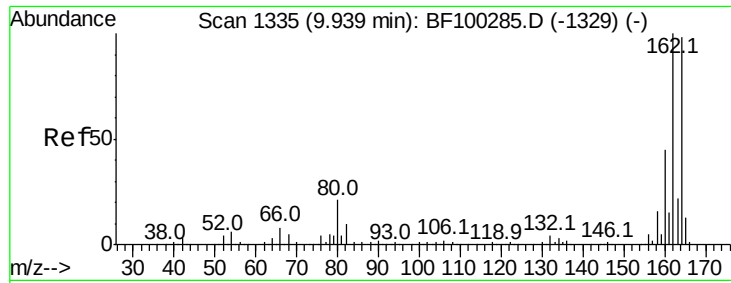
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#23
Nitrobenzene-d5
Concen: 98.243 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	363192		
128	45.8		36.1	54.1
54	54.1		41.4	62.2





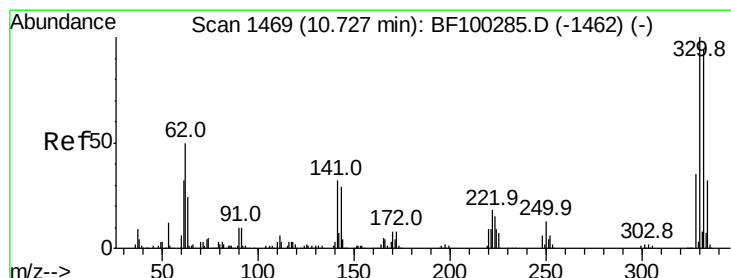
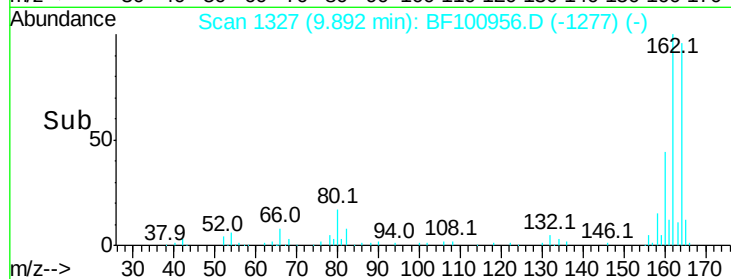
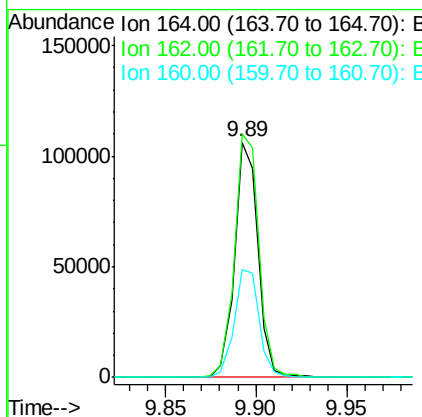
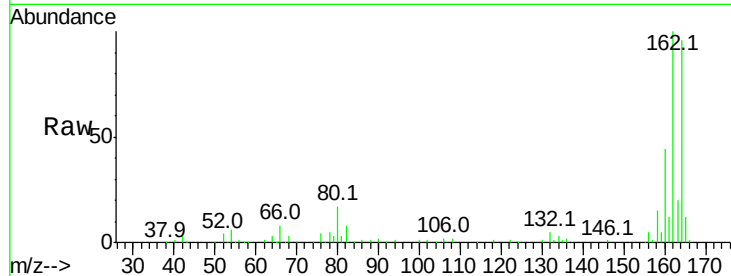
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.89 min Scan# 1327
Delta R.T. -0.01 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampled :
HAR-3-E(7-8)

Tot Ion	Ratio	Lower	Upper
164	100		
162	103.7	86.1	129.1
160	46.0	38.3	57.5

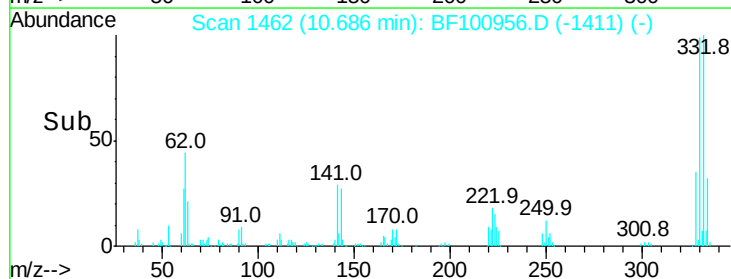
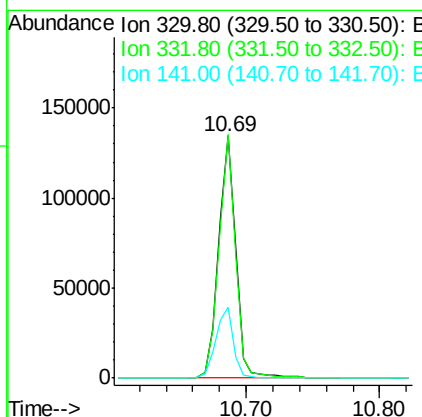
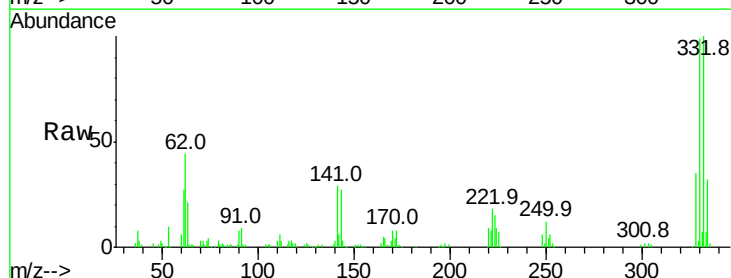
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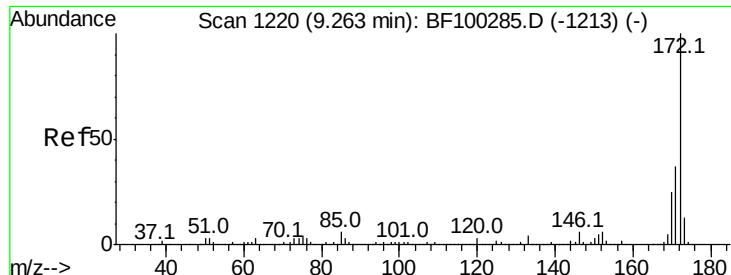
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#41
2,4,6-Tribromophenol
Concen: 127.681 ng
RT: 10.69 min Scan# 1462
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	29.6	29.9	44.9#





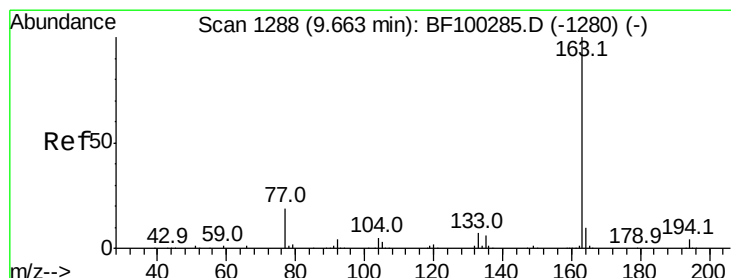
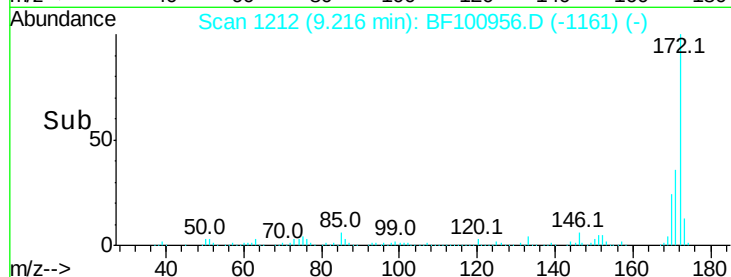
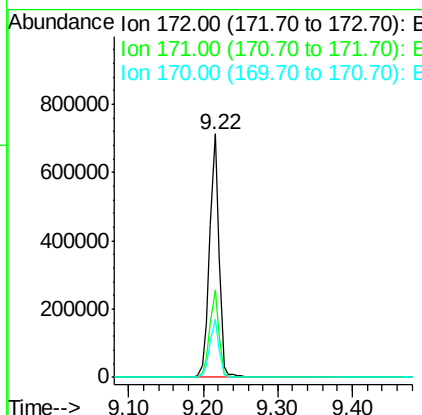
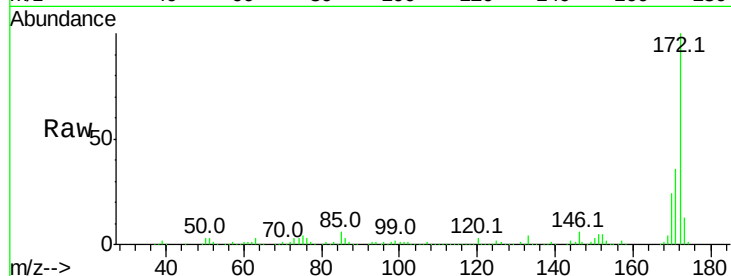
#44
2-Fluorobiphenyl
Concen: 100.810 ng
RT: 9.22 min Scan# 1212
Delta R.T. 0.00 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Instrument :
BNA_F
ClientSampleId :
HAR-3-E(7-8)

Tot Ion	Ratio	Resp	Lower	Upper
172	100	629962		
171	35.9		29.7	44.5
170	23.7		19.6	29.4

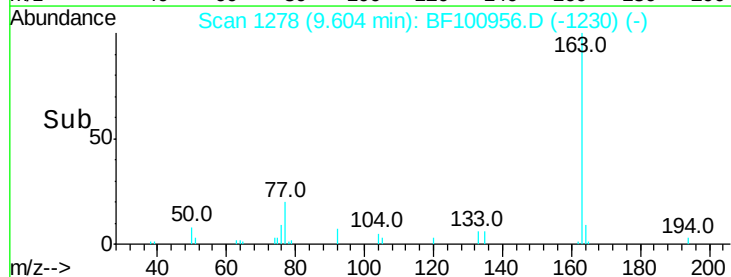
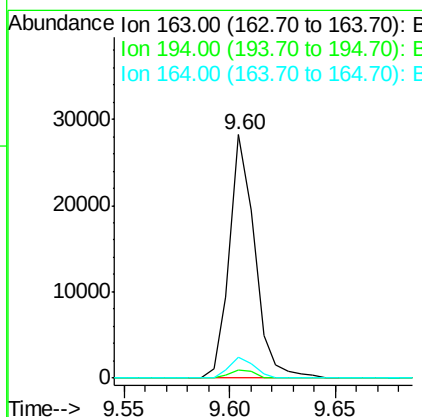
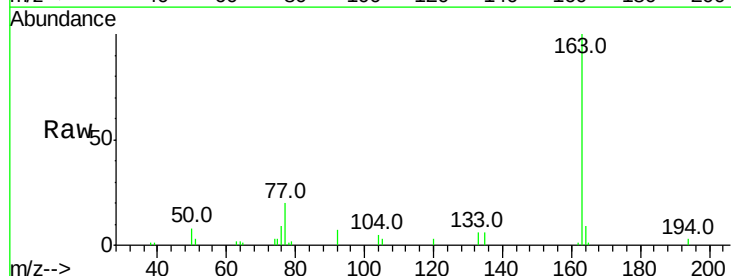
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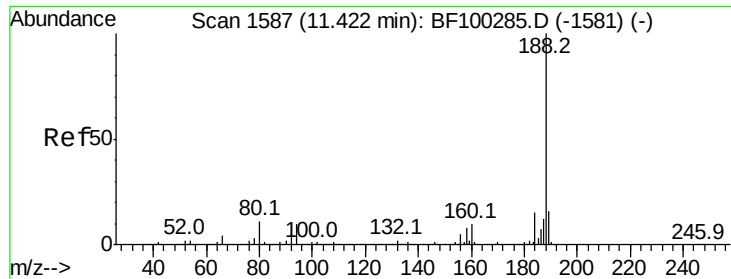
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#49
Dimethylphthalate
Concen: 3.218 ng
RT: 9.60 min Scan# 1278
Delta R.T. -0.02 min
Lab File: BF100956.D
Acq: 29 Nov 2017 2:09

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	23379		
194	3.3		2.7	4.1
164	8.8		8.2	12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.38 min Scan# 1580

Delta R.T. 0.00 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

Instrument :

BNA_F

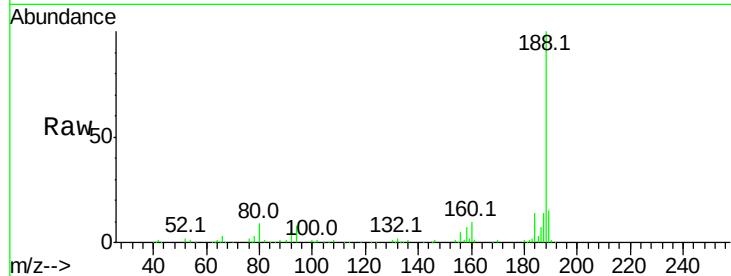
ClientSampleId :

HAR-3-E(7-8)

Tot Ion:	188	Resp:	160571
Ion Ratio	Lower	Upper	
188	100		
94	8.3	8.5	12.7#
80	9.1	9.2	13.8#

Manual Integrations
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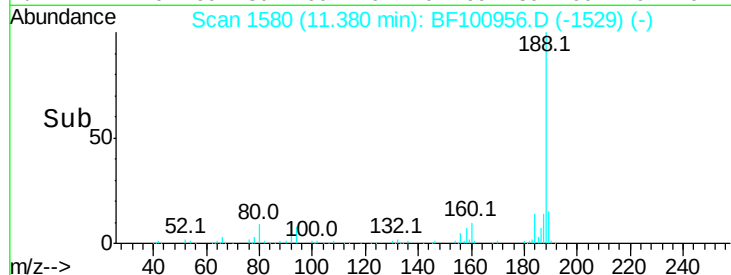


Abundance Ion 188.00 (187.70 to 188.70): E

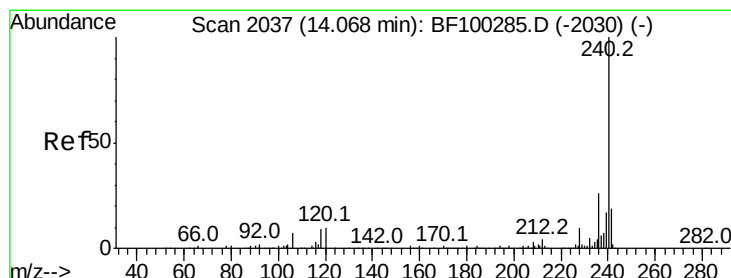
Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF100956.D

Acq: 29 Nov 2017 2:09

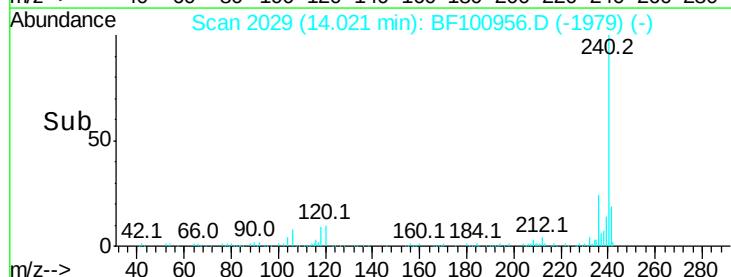
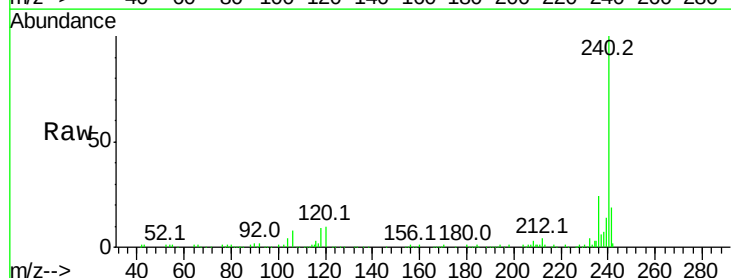
Tgt Ion:	240	Resp:	160306
Ion Ratio	Lower	Upper	
240	100		
120	9.5	9.5	14.3
236	24.1	20.7	31.1

Abundance Ion 240.00 (239.70 to 240.70): E

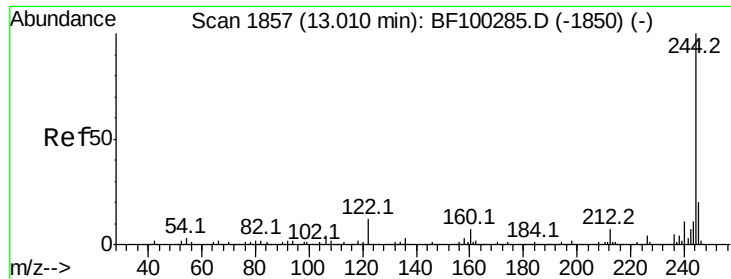
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

Time-->



Time-->



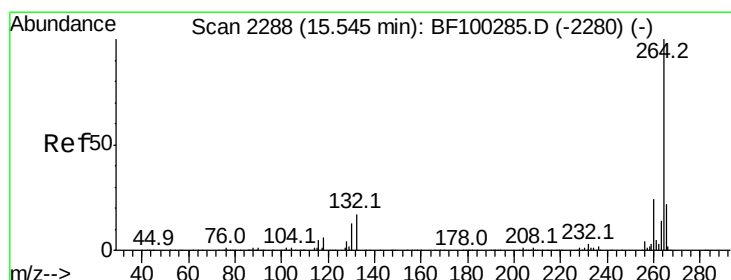
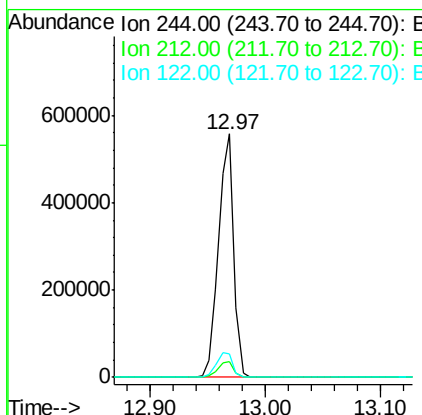
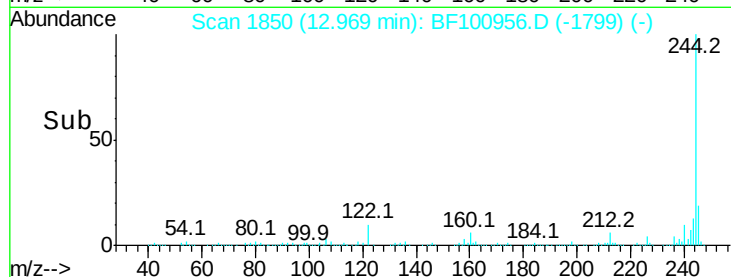
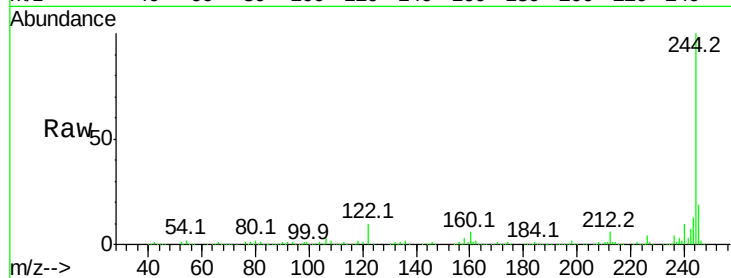
#78
 Terphenyl-d14
 Concen: 73.109 ng
 RT: 12.97 min Scan# 1850
 Delta R.T. 0.00 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

Instrument :
 BNA_F
 ClientSampleId :
 HAR-3-E(7-8)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.3	5.4	8.0
122	9.7	11.0	16.4

Manual Integrations
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2279
 Delta R.T. 0.00 min
 Lab File: BF100956.D
 Acq: 29 Nov 2017 2:09

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.6	19.2	28.8
265	21.1	17.5	26.3

