

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033162.D
 Acq On : 15 Mar 2018 2:37
 Operator : SJ/JU
 Sample : J1749-04
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318

Manual Integrations
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Quant Time: Mar 15 05:16:30 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.91	152	41103	20.00	ng	0.00
21) Naphthalene-d8	11.79	136	175137	20.00	ng	0.00
38) Acenaphthene-d10	15.52	164	103536	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	263505	20.00	ng	0.00
75) Chrysene-d12	22.60	240	250572	20.00	ng	0.00
86) Perylene-d12	26.41	264	266296	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.33	112	345985	134.67	ng	0.00
7) Phenol-d6	8.01	99	416675	116.35	ng	0.00
23) Nitrobenzene-d5	10.10	82	319370	121.70	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	249419	229.11	ng	0.00
44) 2-Fluorobiphenyl	14.15	172	700479	97.58	ng	0.00
78) Terphenyl-d14	20.77	244	1300724	116.63	ng	0.00
Target Compounds						
32) Benzoic acid	10.99	122	15605m	16.290	ng	Qvalue 98
76) Benzidine	20.40	184	32040	3.751	ng	

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

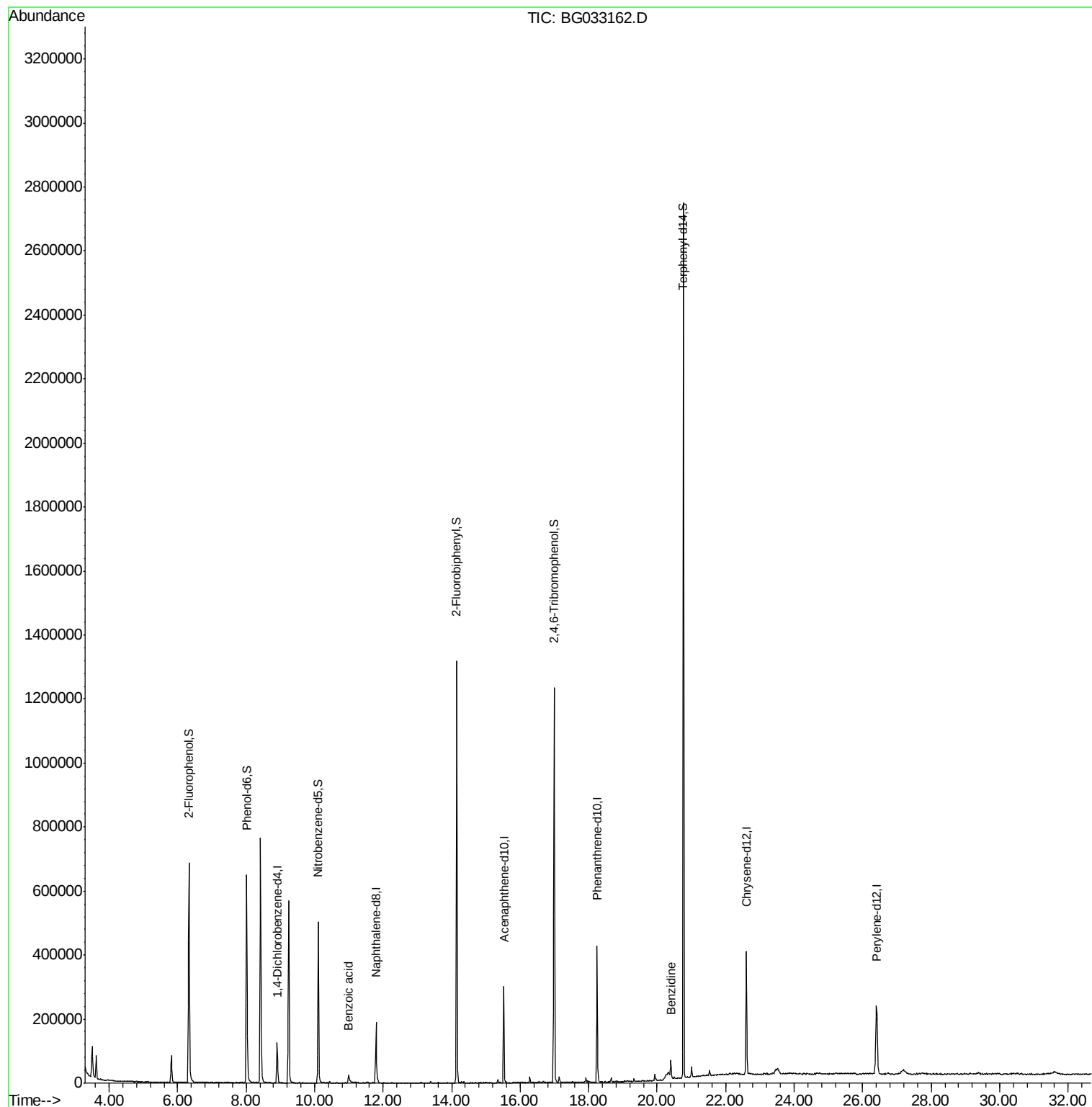
Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
Data File : BG033162.D
Acq On : 15 Mar 2018 2:37
Operator : SJ/JU
Sample : J1749-04
Misc :
ALS Vial : 19 Sample Multiplier: 1

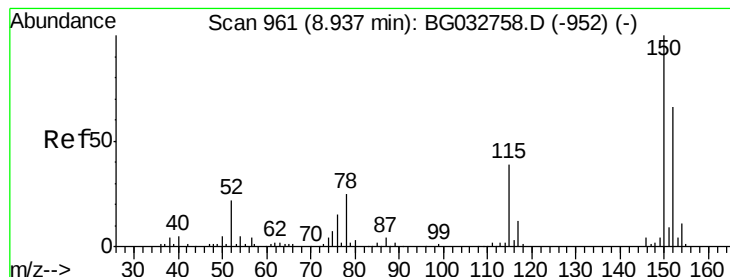
Instrument :
BNA_G
ClientSampleId :
BU-02-031318

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Quant Time: Mar 15 05:16:30 2018
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 14 13:59:34 2018
Response via : Initial Calibration





#1

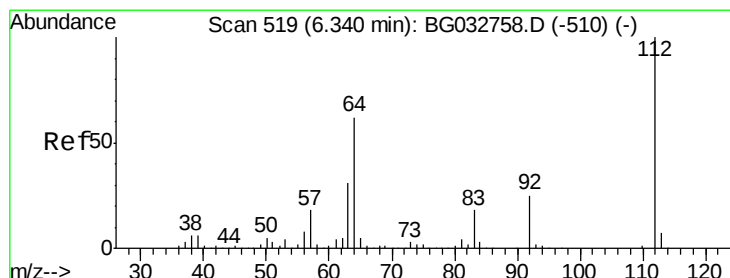
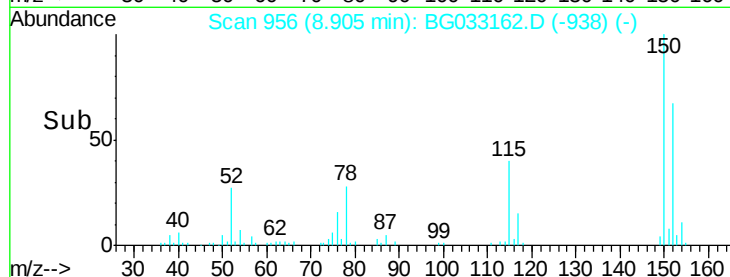
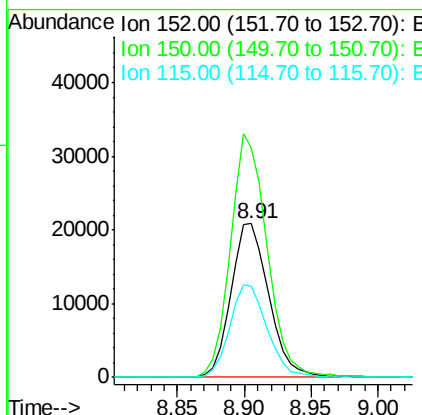
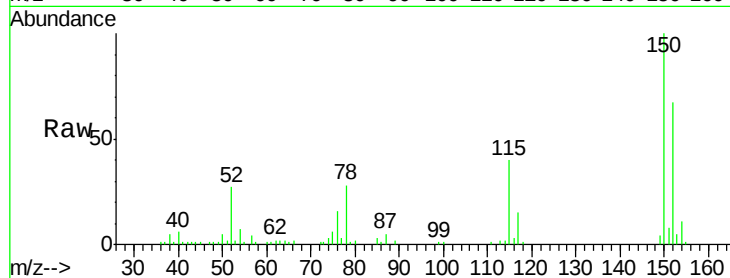
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.91 min Scan# 956
Delta R.T. 0.01 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_G
ClientSampleId :
BU-02-031318

Tot Ion	Ratio	Lower	Upper
152	100		
150	149.7	126.6	189.8
115	59.3	53.0	79.4

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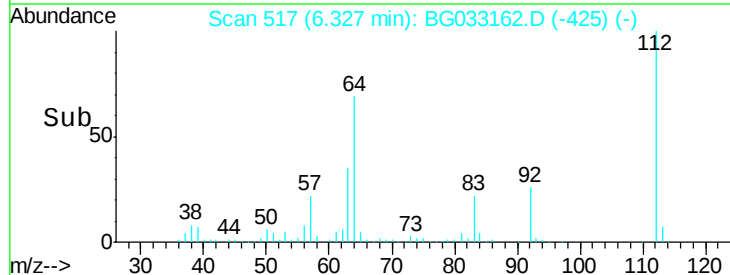
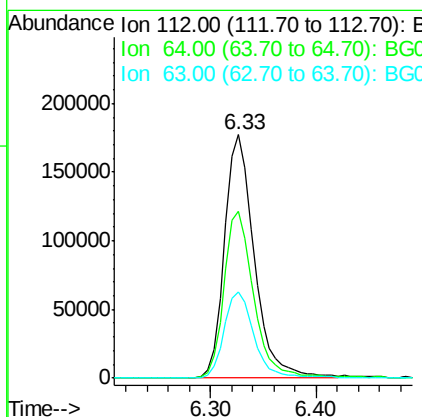
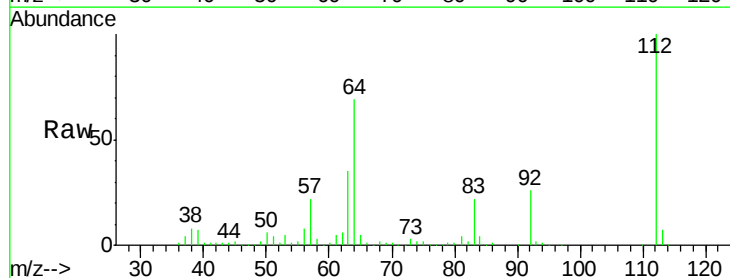
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#5

2-Fluorophenol
Concen: 134.668 ng
RT: 6.33 min Scan# 517
Delta R.T. 0.01 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.6	56.3	84.5
63	35.4	30.1	45.1





#7

Phenol-d6

Concen: 116.355 ng

RT: 8.01 min Scan# 804

Delta R.T. 0.00 min

Lab File: BG033162.D

Acq: 15 Mar 2018 2:37

Instrument :

BNA_G

ClientSampleId :

BU-02-031318

Tot Ion: 99 Resp: 416675

Ion Ratio Lower Upper

99 100

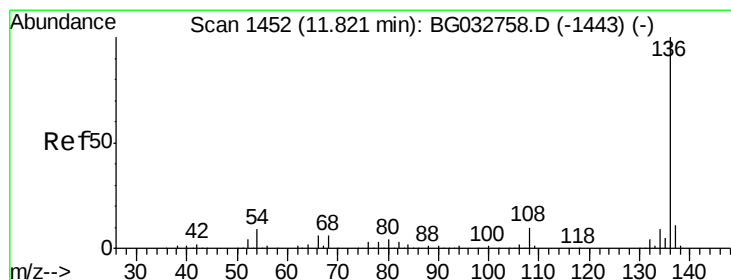
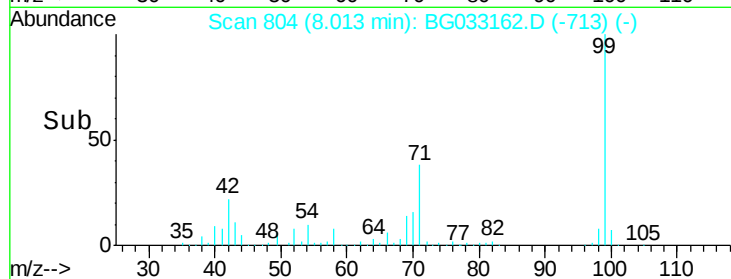
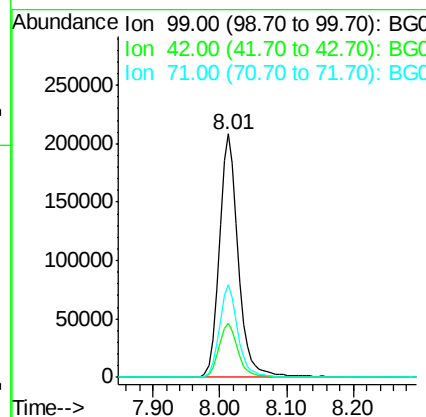
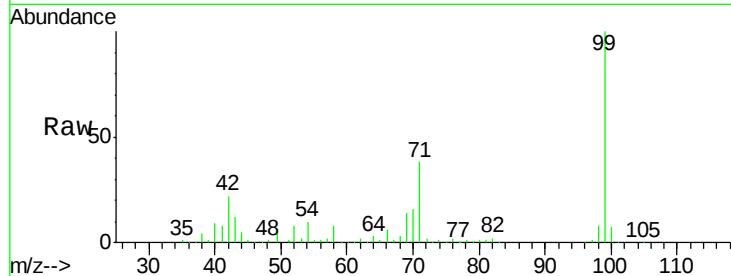
42 22.3 14.1 21.1#

71 38.0 26.1 39.1

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.79 min Scan# 1447

Delta R.T. 0.00 min

Lab File: BG033162.D

Acq: 15 Mar 2018 2:37

Tgt Ion: 136 Resp: 175137

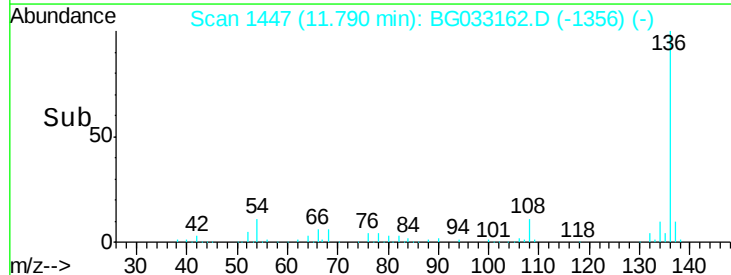
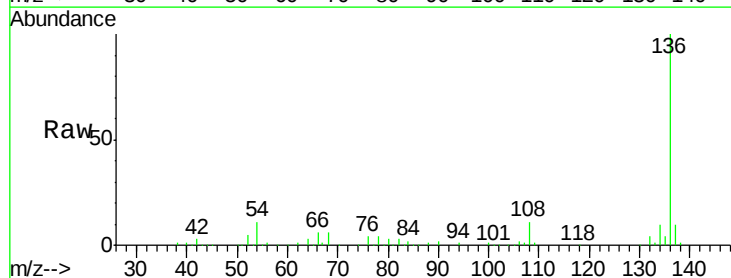
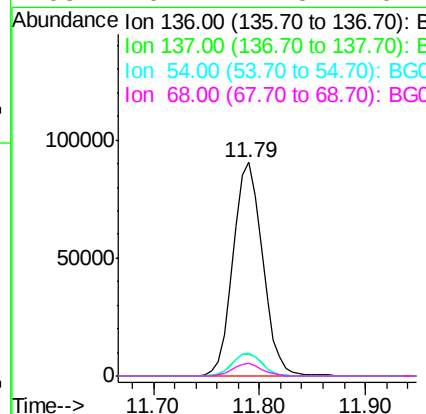
Ion Ratio Lower Upper

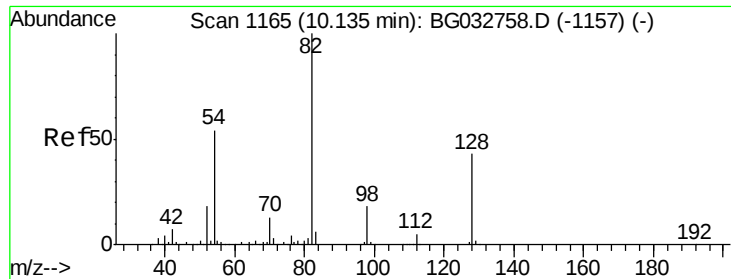
136 100

137 10.0 9.2 13.8

54 10.8 10.3 15.5

68 6.2 4.5 6.7





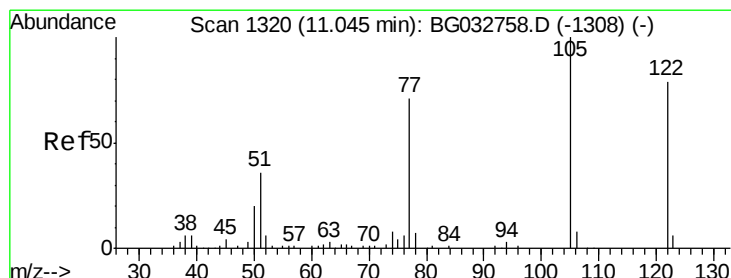
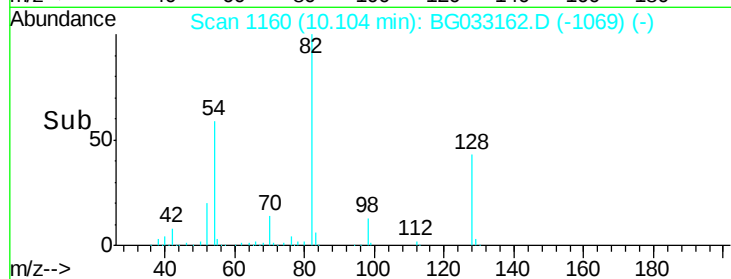
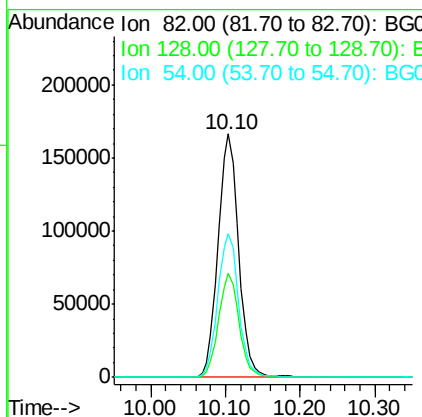
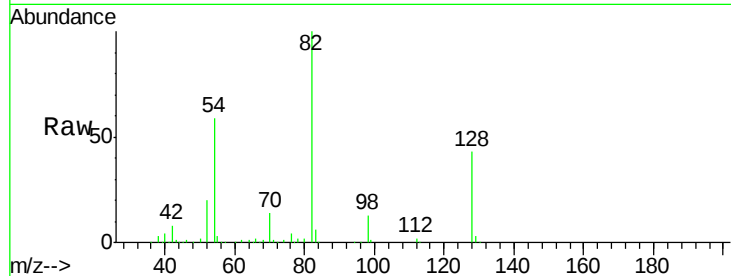
#23
 Nitrobenzene-d5
 Concen: 121.700 ng
 RT: 10.10 min Scan# 1160
 Delta R.T. 0.00 min
 Lab File: BG033162.D
 Acq: 15 Mar 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318

Tot Ion	82	Resp	319370
Ion Ratio	100	Lower	Upper
128	42.9	29.7	44.5
54	58.9	43.1	64.7

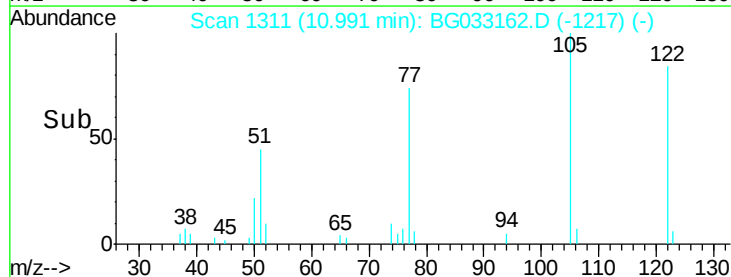
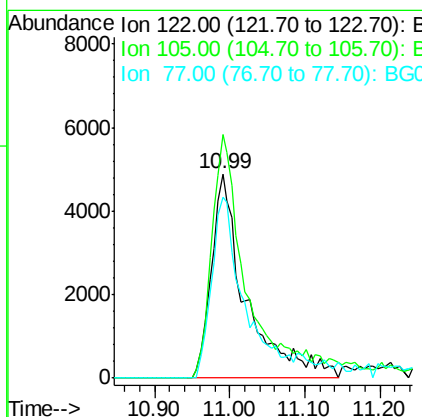
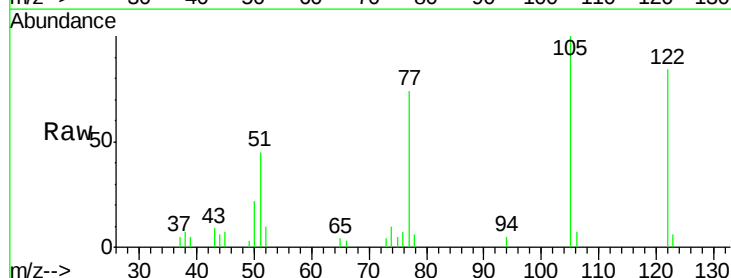
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#32
 Benzoic acid
 Concen: 16.290 ng m
 RT: 10.99 min Scan# 1311
 Delta R.T. 0.02 min
 Lab File: BG033162.D
 Acq: 15 Mar 2018 2:37

Tgt Ion	122	Resp	15605
Ion Ratio	100	Lower	Upper
105	119.4	123.5	163.5#
77	88.8	85.7	125.7





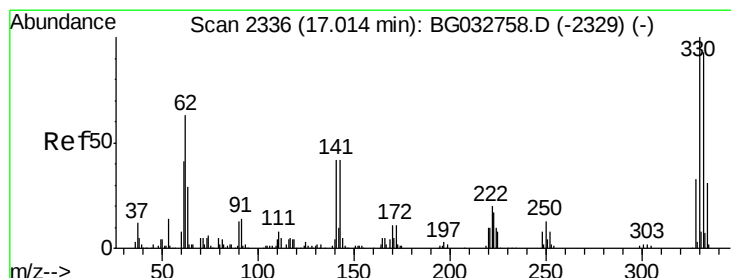
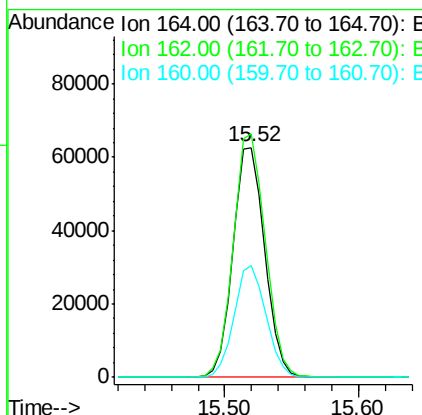
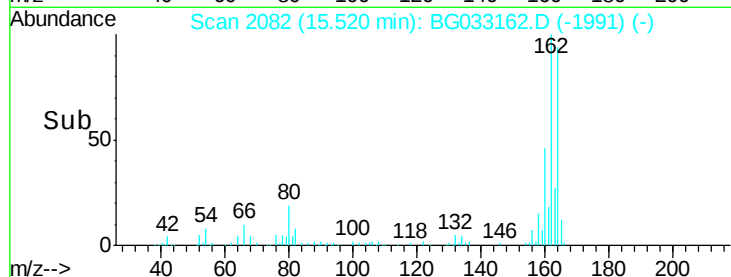
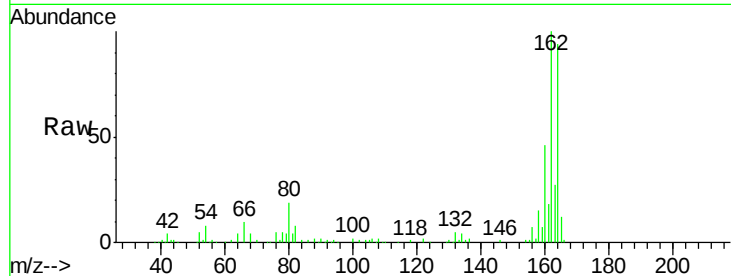
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.52 min Scan# 2082
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Instrument :
BNA_G
ClientSampleId :
BU-02-031318

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	105.9	78.8	118.2	
160	48.7	35.4	53.0	

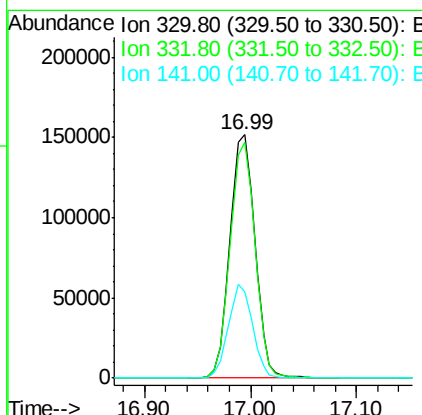
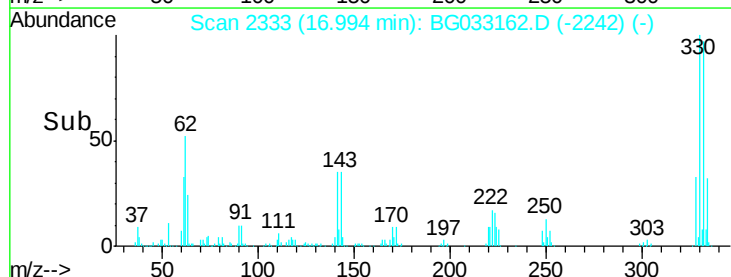
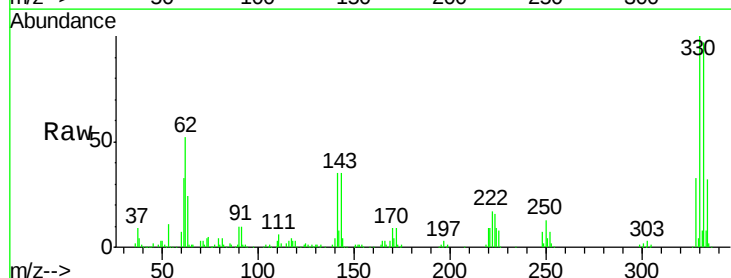
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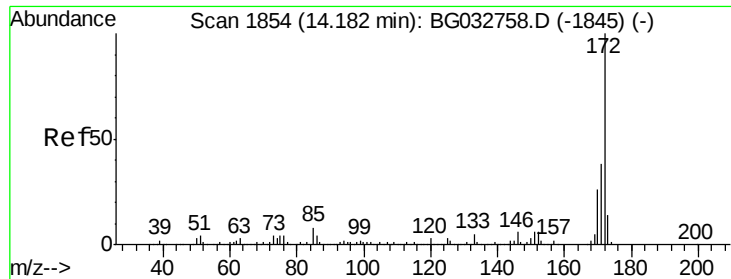
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#41
2,4,6-Tribromophenol
Concen: 229.109 ng
RT: 16.99 min Scan# 2333
Delta R.T. 0.00 min
Lab File: BG033162.D
Acq: 15 Mar 2018 2:37

Tgt Ion	Ratio	Resp	Lower	Upper
330	100			
332	96.4	77.0	115.6	
141	37.4	25.2	37.8	





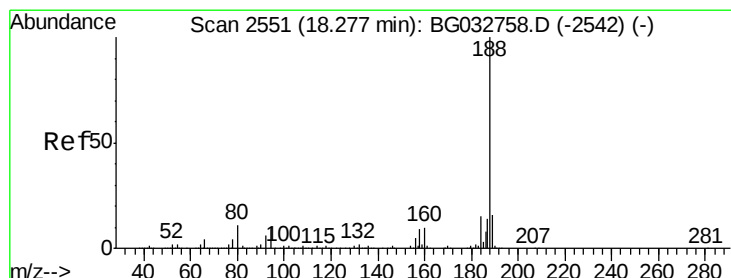
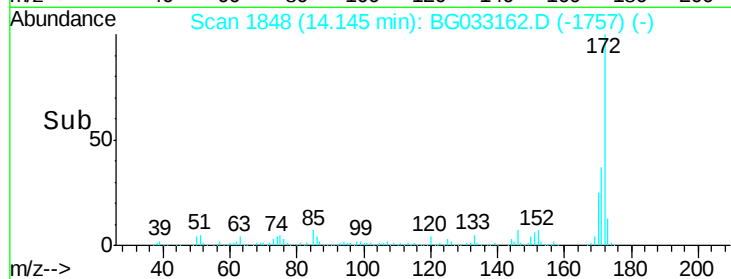
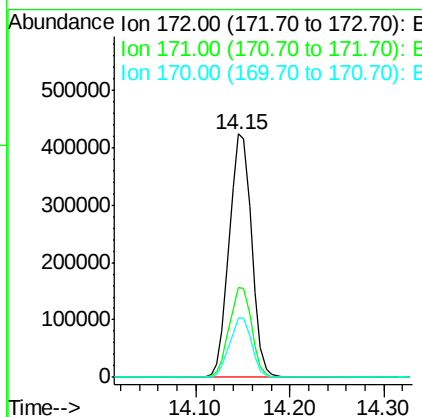
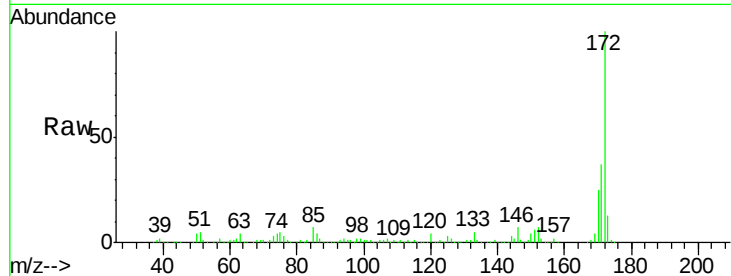
#44
 2-Fluorobiphenyl
 Concen: 97.576 ng
 RT: 14.15 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033162.D
 Acq: 15 Mar 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	24.6	19.5	29.3

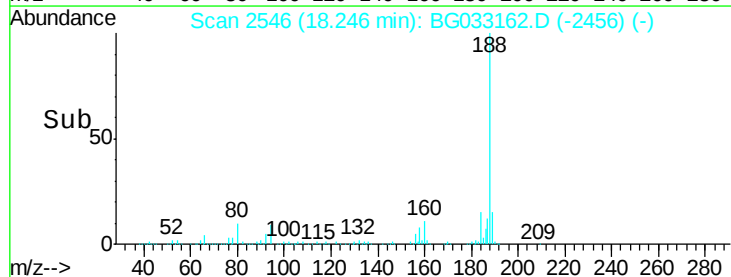
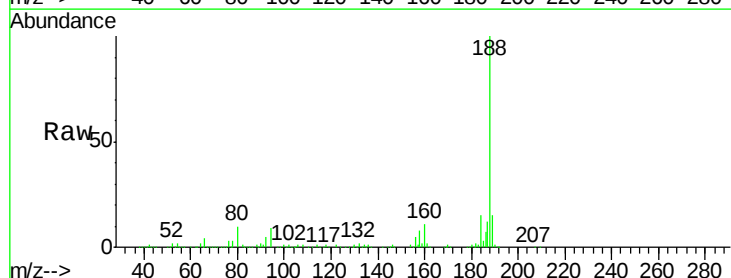
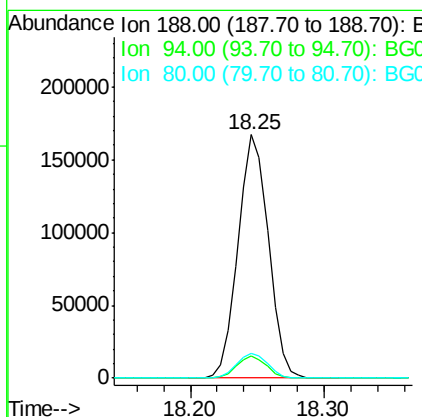
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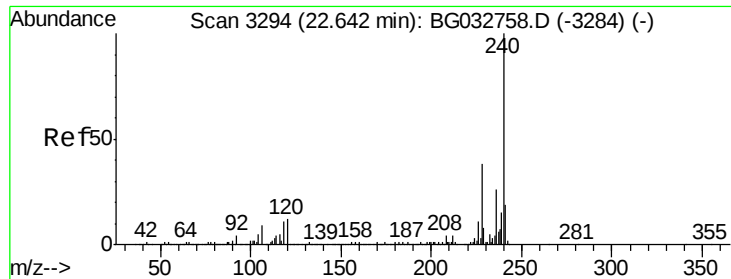
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#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.25 min Scan# 2546
 Delta R.T. -0.00 min
 Lab File: BG033162.D
 Acq: 15 Mar 2018 2:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	6.9	10.3
80	10.0	7.7	11.5





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.60 min Scan# 3288

Delta R.T. -0.00 min

Lab File: BG033162.D

Acq: 15 Mar 2018 2:37

Instrument :

BNA_G

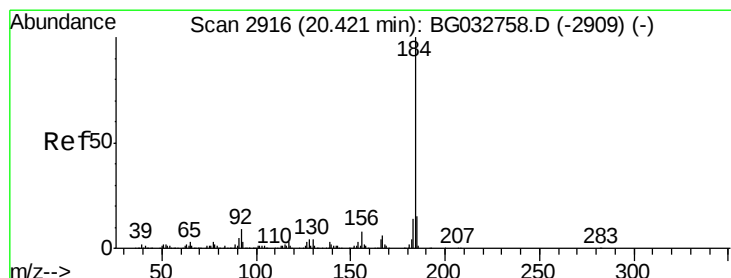
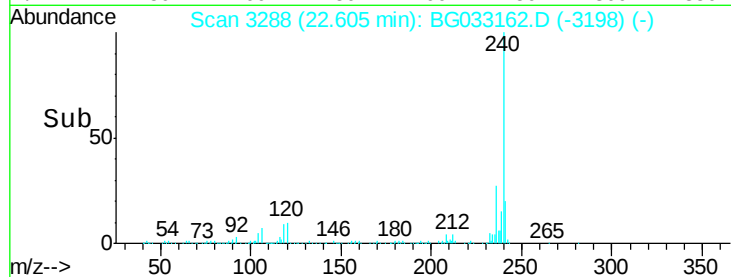
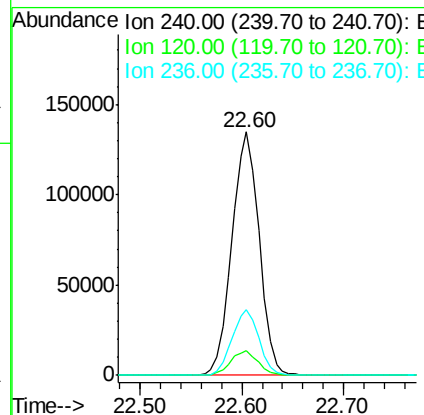
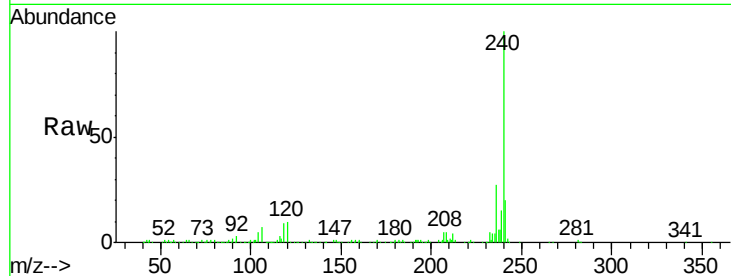
ClientSampleId :

BU-02-031318

Tot Ion	Ratio	Lower	Upper
240	100		
120	10.3	6.8	10.2#
236	26.8	20.9	31.3

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#76

Benzidine

Concen: 3.751 ng

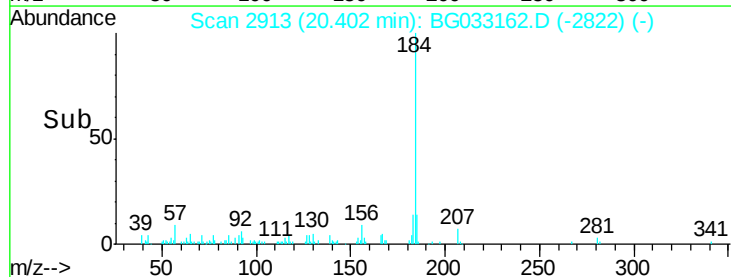
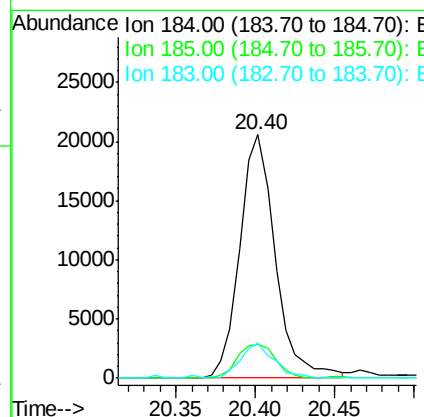
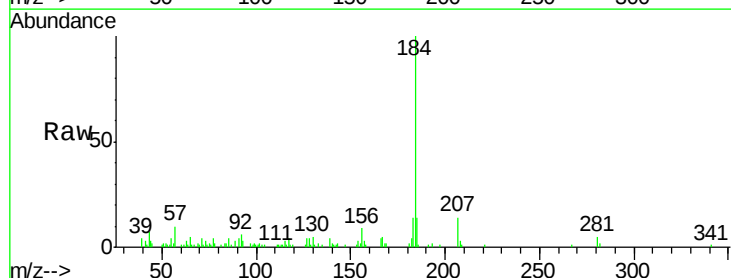
RT: 20.40 min Scan# 2913

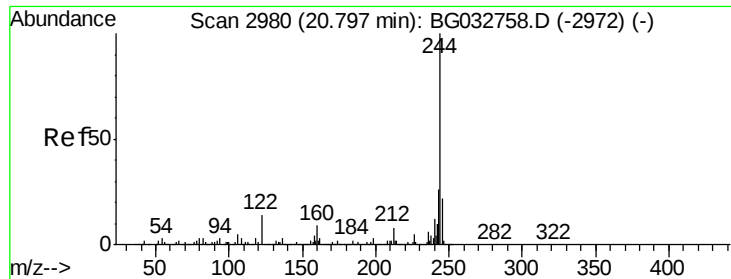
Delta R.T. 0.00 min

Lab File: BG033162.D

Acq: 15 Mar 2018 2:37

Tgt Ion	Ratio	Lower	Upper
184	100		
185	13.8	11.1	16.7
183	14.4	10.6	16.0





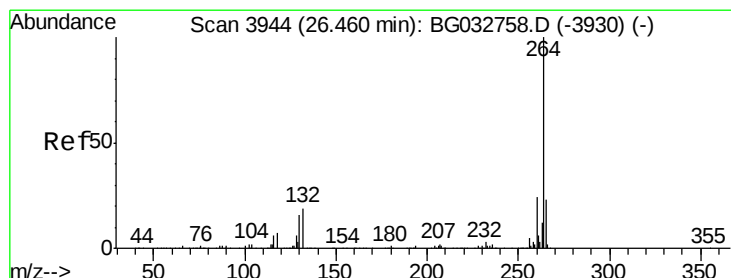
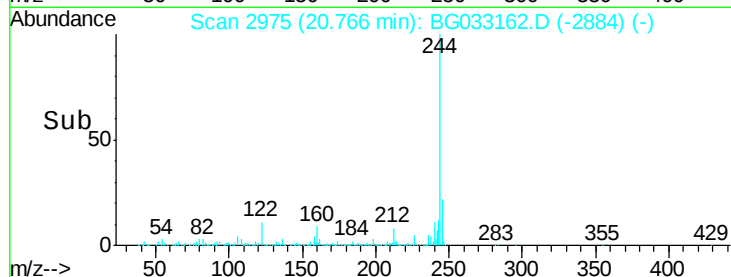
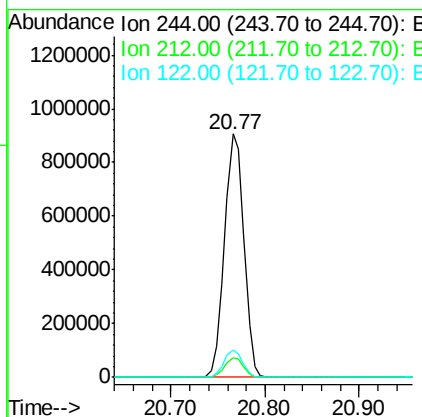
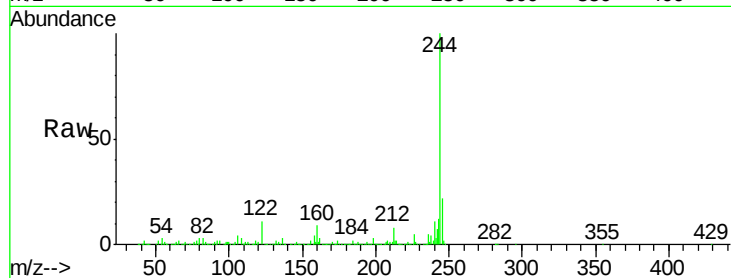
#78
 Terphenyl-d14
 Concen: 116.628 ng
 RT: 20.77 min Scan# 2975
 Delta R.T. 0.00 min
 Lab File: BG033162.D
 Acq: 15 Mar 2018 2:37

Instrument :
 BNA_G
 ClientSampleId :
 BU-02-031318

Tot Ion:244 Resp: 1300724
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 11.4 7.0 10.4#

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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.41 min Scan# 3935
 Delta R.T. -0.00 min
 Lab File: BG033162.D
 Acq: 15 Mar 2018 2:37

Tgt Ion:264 Resp: 266296
 Ion Ratio Lower Upper
 264 100
 260 23.2 17.4 26.0
 265 22.1 17.7 26.5

