

Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
 Data File : BF098979.D
 Acq On : 30 Sep 2017 22:53
 Operator : SJ/JU
 Sample : I5551-04 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-B

Manual Integrations
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 10/2/2017 5:44:45 PM

Quant Time: Oct 01 01:31:01 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	125467	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	461949	20.00	ng	0.00
38) Acenaphthene-d10	9.96	164	171094	20.00	ng	0.00
63) Phenanthrene-d10	11.44	188	269577	20.00	ng	0.00
75) Chrysene-d12	14.08	240	239720	20.00	ng	0.00
86) Perylene-d12	15.58	264	162272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	91915	11.66	ng	-0.01
7) Phenol-d6	6.53	99	112952	11.62	ng	-0.01
23) Nitrobenzene-d5	7.47	82	59116	8.21	ng	-0.02
41) 2,4,6-Tribromophenol	10.74	330	11397	8.14	ng	-0.01
44) 2-Fluorobiphenyl	9.27	172	121014	11.81	ng	-0.01
78) Terphenyl-d14	13.02	244	96206	9.13	ng	-0.01
Target Compounds						
74) Fluoranthene	12.66	202	38795	2.655	ng	97
77) Pyrene	12.89	202	46862	2.564	ng	99

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

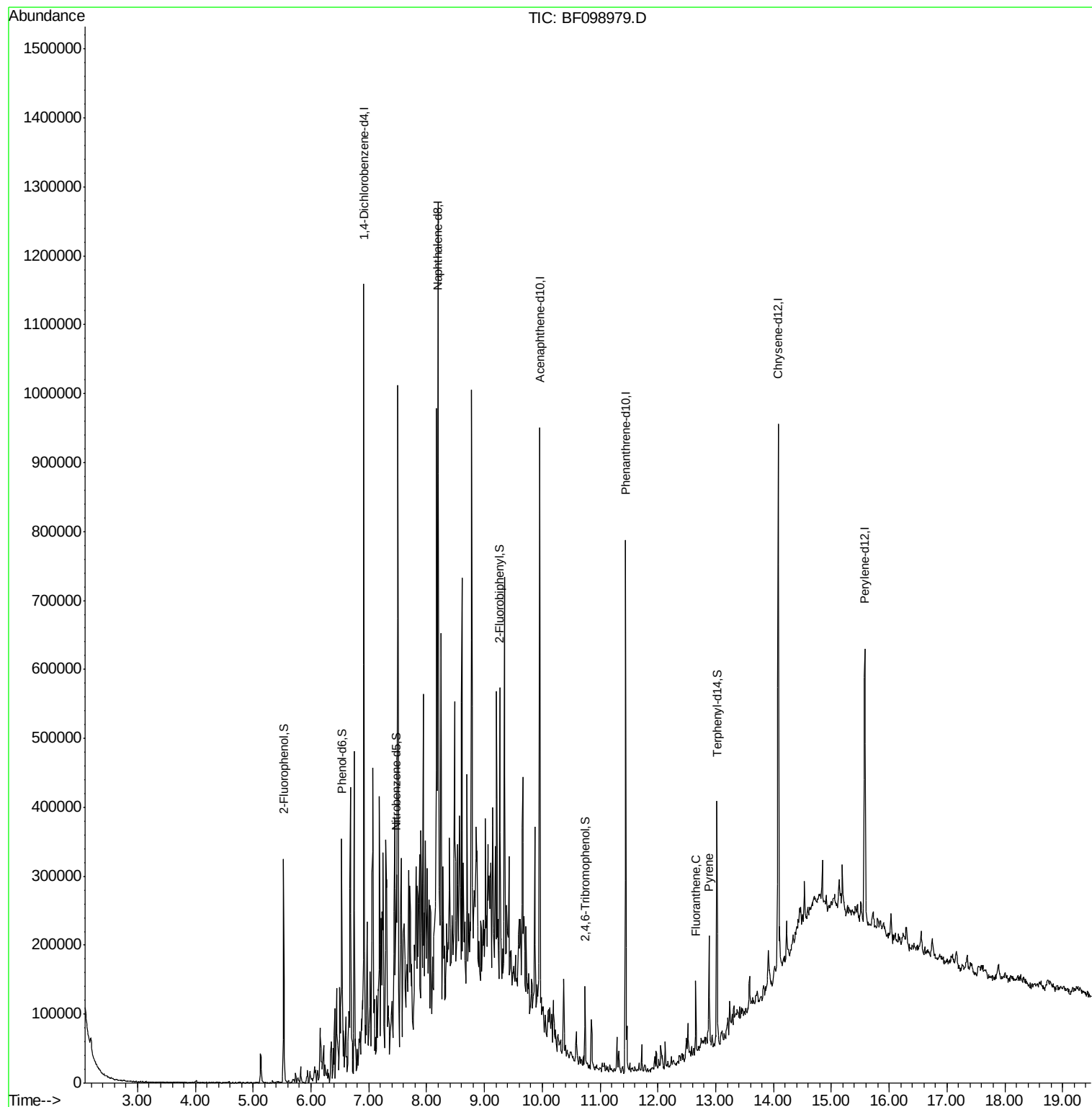
Data Path : Z:\HPCHEM1\BNA F\DATA\BF093017\
Data File : BF098979.D
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Operator : SJ/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

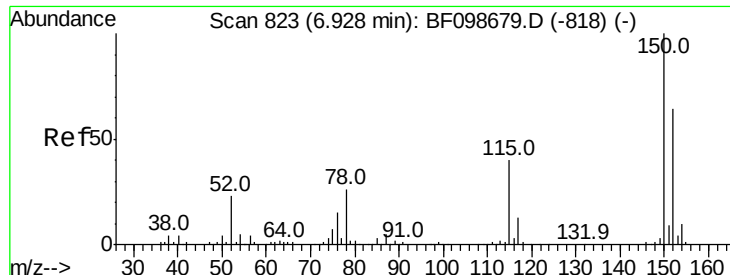
Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

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#1

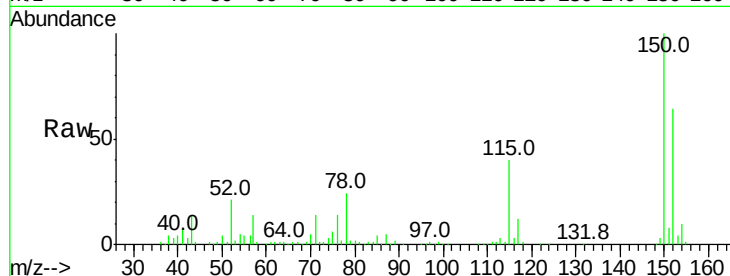
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098979.D
Acq: 30 Sep 2017 22:53

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

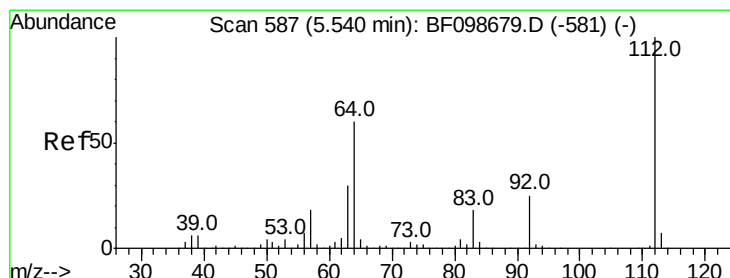
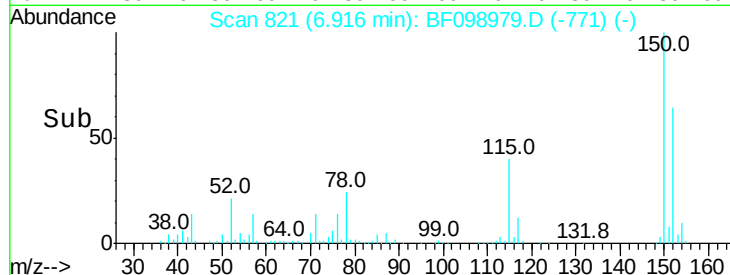
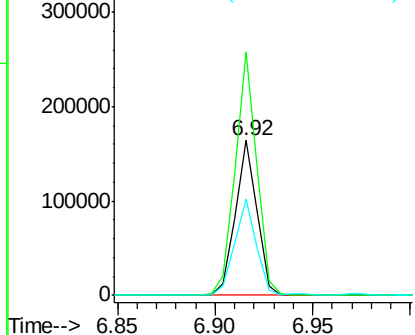
Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	124.6	186.8
115	62.6	50.1	75.1

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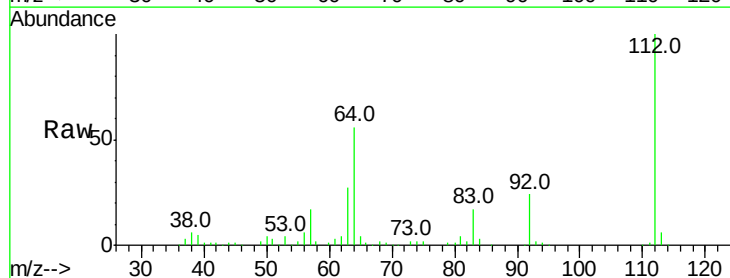
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



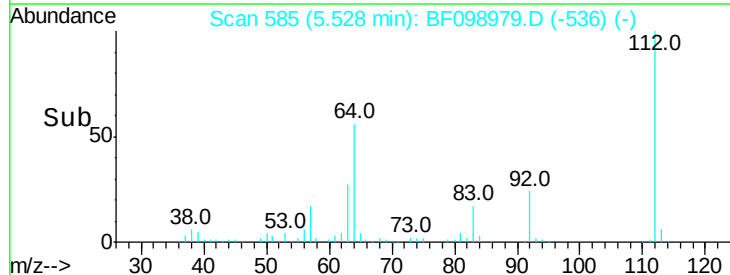
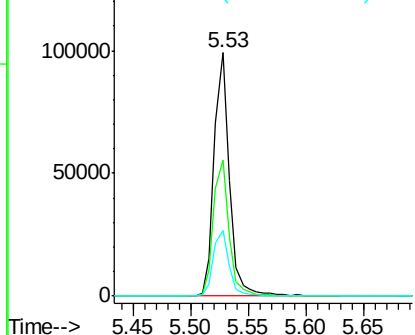
#5

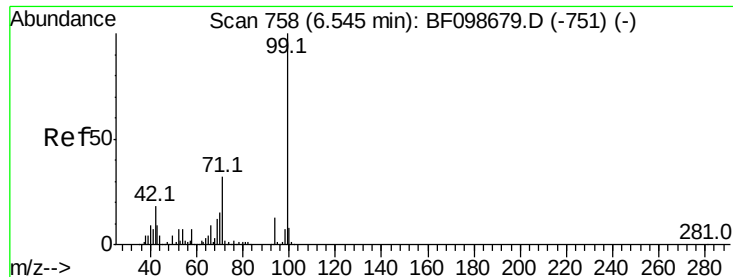
2-Fluorophenol
Concen: 11.662 ng
RT: 5.53 min Scan# 585
Delta R.T. -0.01 min
Lab File: BF098979.D
Acq: 30 Sep 2017 22:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.1	47.9	71.9
63	27.2	23.7	35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 11.617 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF098979.D

Acq: 30 Sep 2017 22:53

Instrument :

BNA_F

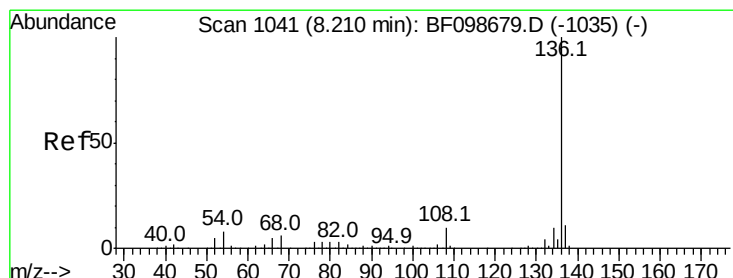
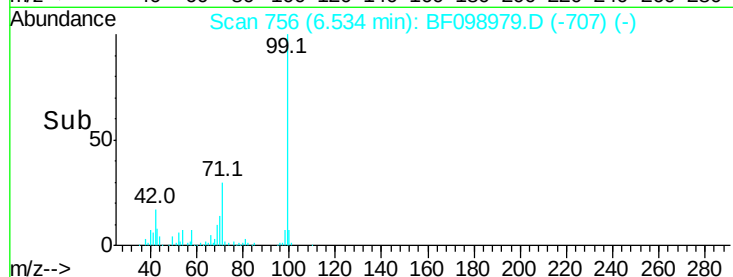
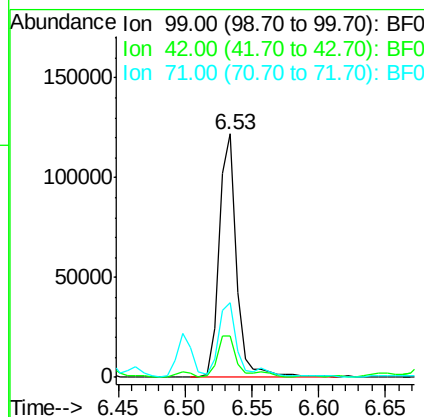
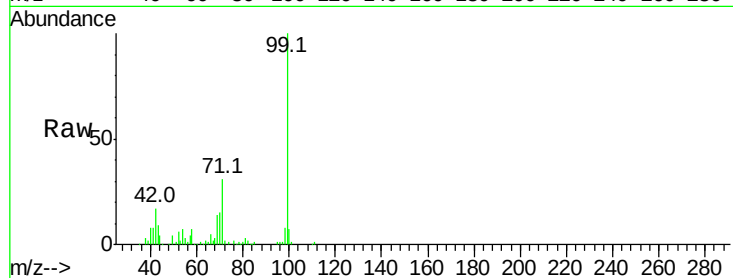
ClientSampleId :

JC-03-092917-B

Tot Ion:	99	Resp:	112952
Ion Ratio	Lower	Upper	
99	100		
42	16.9	14.5	21.7
71	30.7	25.4	38.0

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#21

Naphthalene-d8

Concen: 20.000 ng

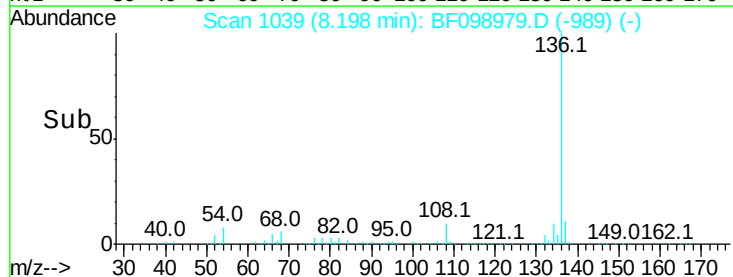
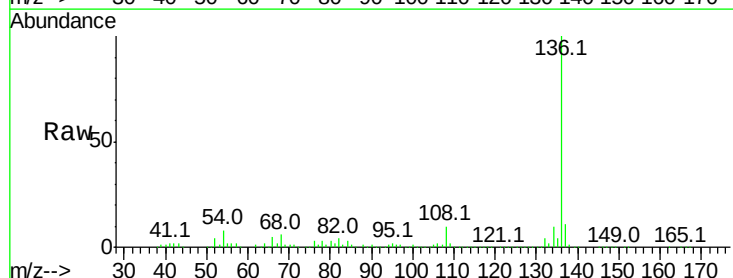
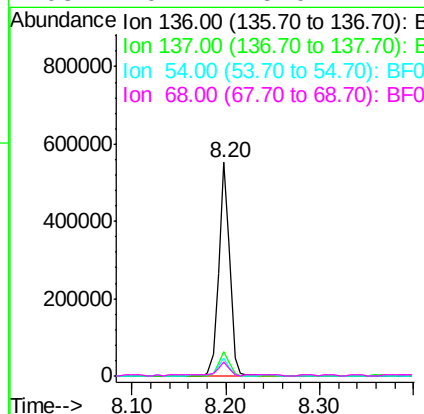
RT: 8.20 min Scan# 1039

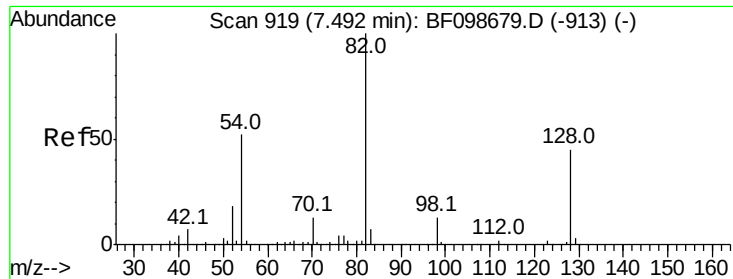
Delta R.T. -0.01 min

Lab File: BF098979.D

Acq: 30 Sep 2017 22:53

Tgt Ion:	136	Resp:	461949
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.9	13.3
54	8.4	6.6	9.8
68	6.4	5.0	7.4





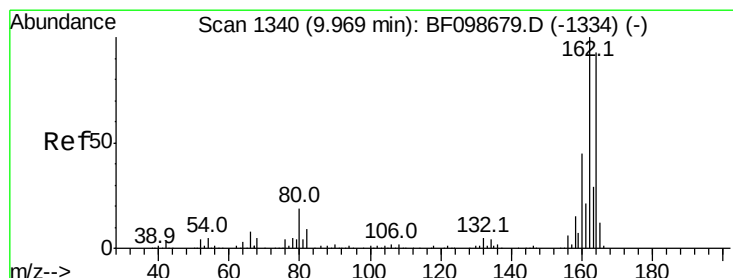
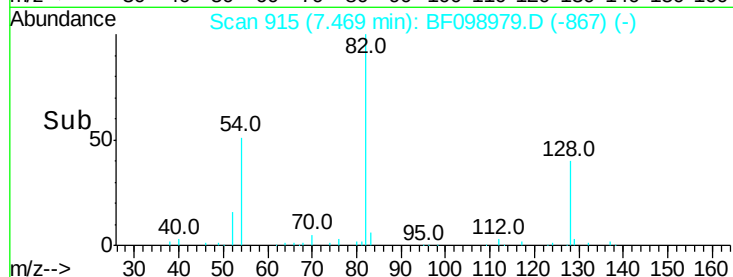
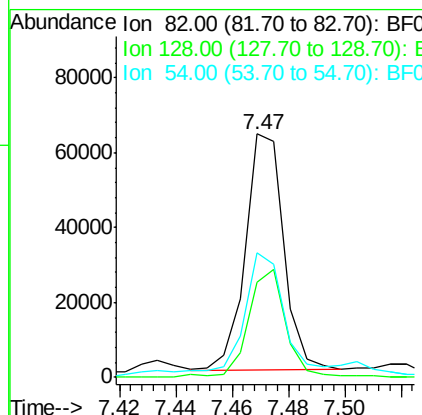
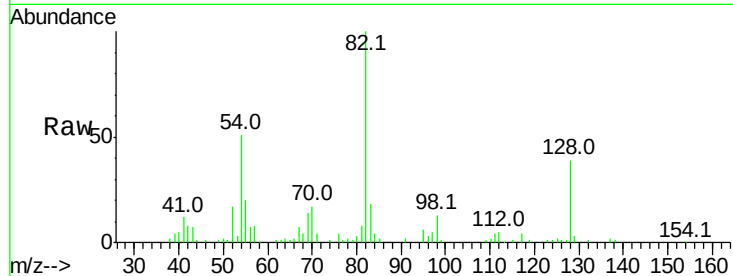
#23
Nitrobenzene-d5
Concen: 8.207 ng
RT: 7.47 min Scan# 915
Delta R.T. -0.02 min
Lab File: BF098979.D
Acq: 30 Sep 2017 22:53

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.8	36.1	54.1
54	51.4	41.4	62.2

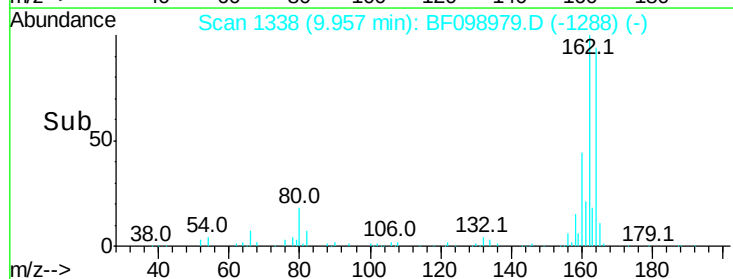
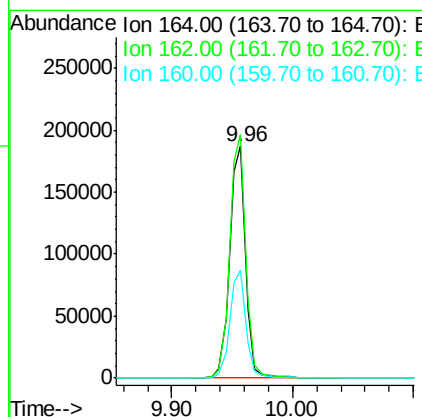
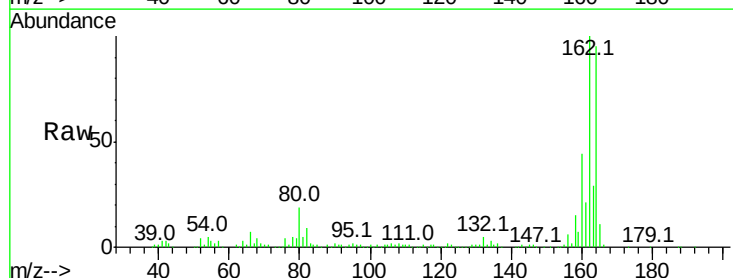
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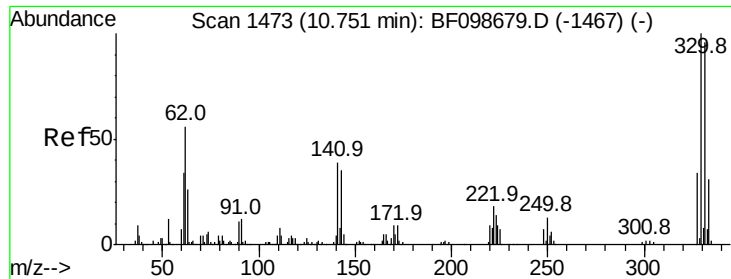
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF098979.D
Acq: 30 Sep 2017 22:53

Tgt Ion	Ratio	Lower	Upper
164	100		
162	104.9	86.1	129.1
160	46.4	38.3	57.5





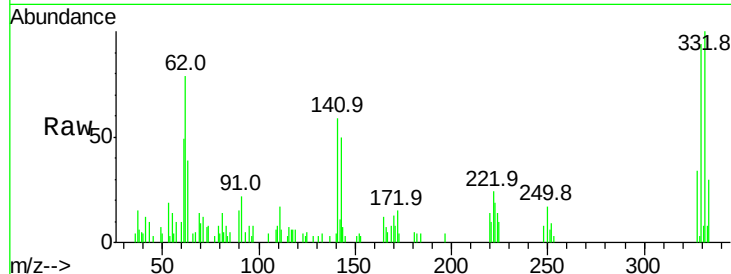
#41
 2,4,6-Tribromophenol
 Concen: 8.141 ng
 RT: 10.74 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BF098979.D
 Acq: 30 Sep 2017 22:53

Instrument :
 BNA_F
 ClientSampleId :
 JC-03-092917-B

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	98.7	77.0	115.6	
141	64.6	29.9	44.9	

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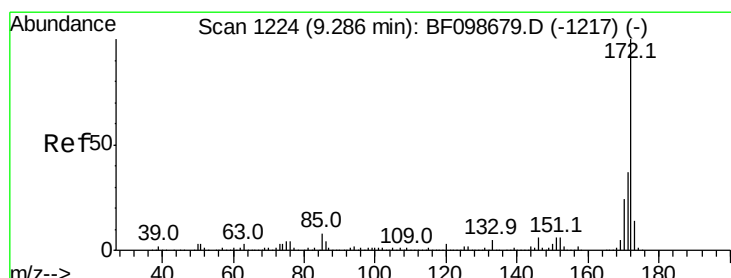
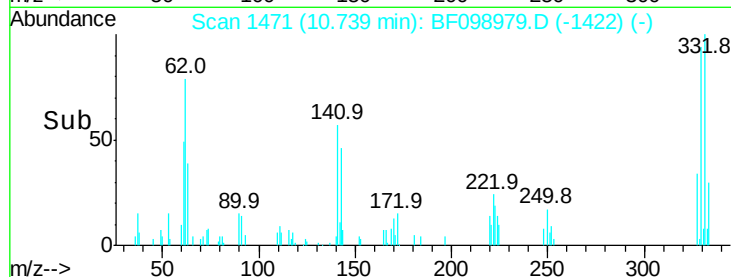
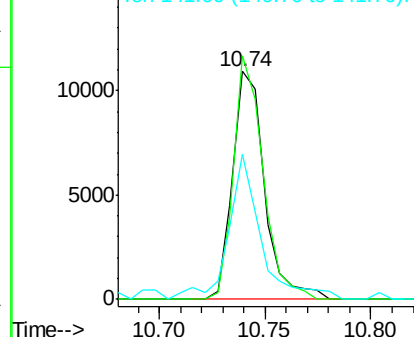


Abundance

Ion 329.80 (329.50 to 330.50): E

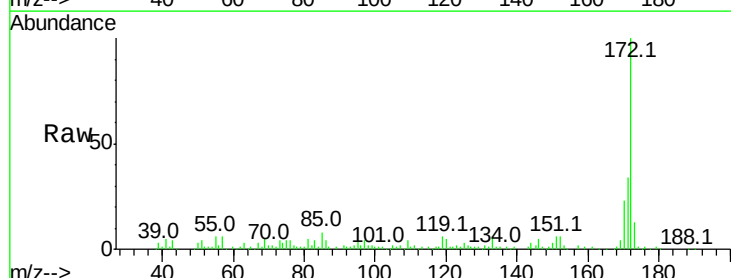
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 11.808 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098979.D
 Acq: 30 Sep 2017 22:53

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.3	29.7	44.5	
170	22.7	19.6	29.4	

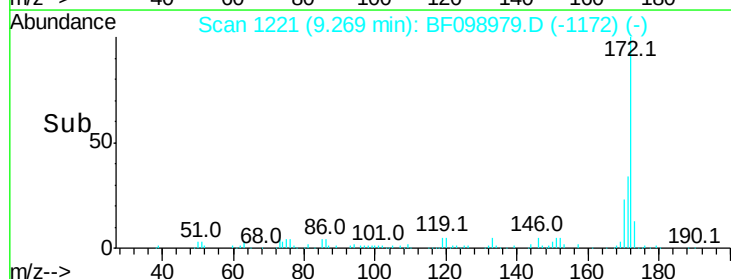
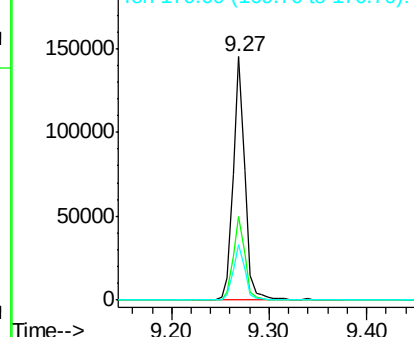


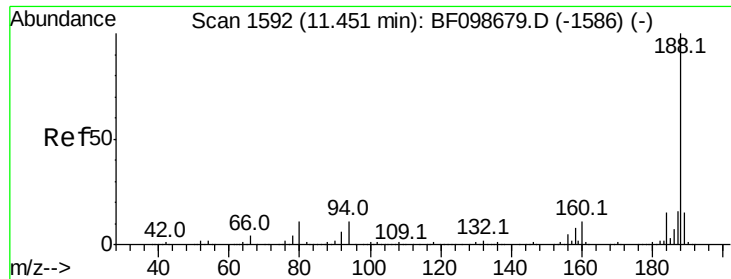
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





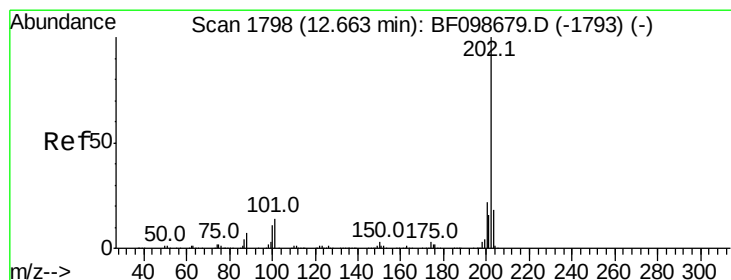
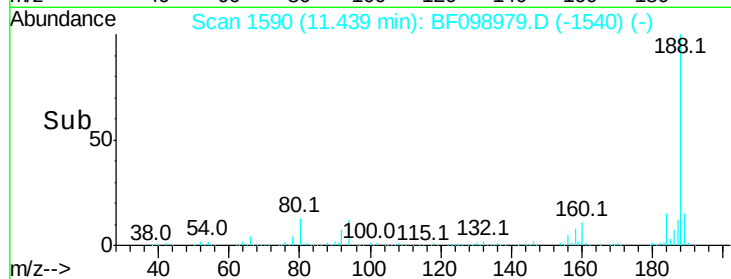
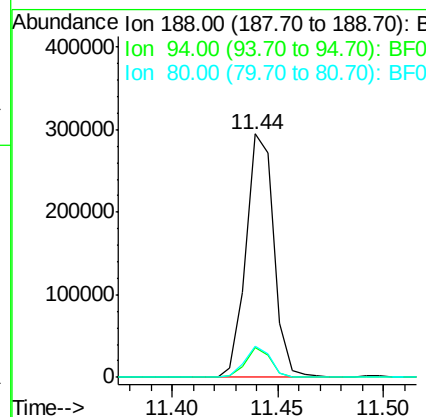
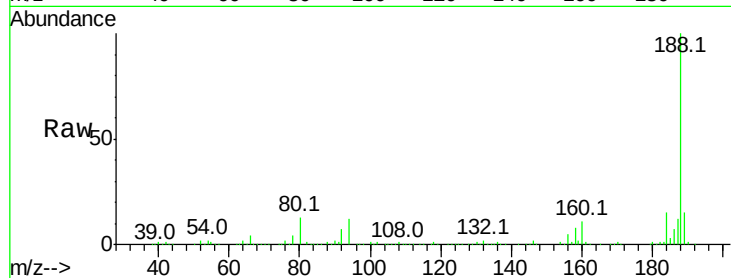
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF098979.D
Acq: 30 Sep 2017 22:53

Instrument :
BNA_F
ClientSampleId :
JC-03-092917-B

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.1	8.5	12.7
80	13.0	9.2	13.8

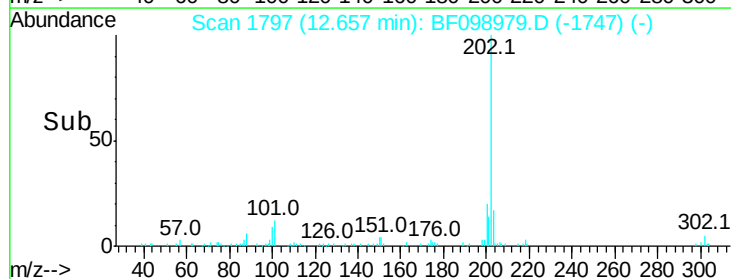
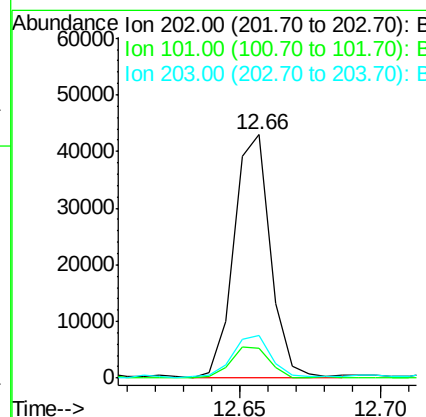
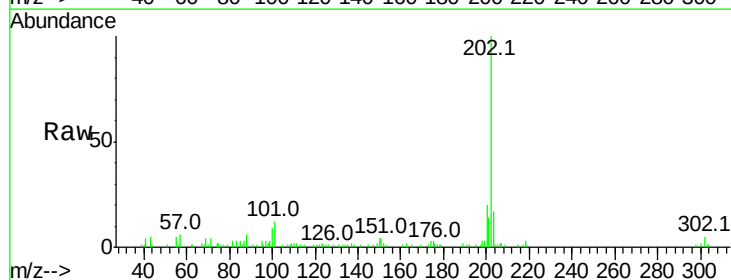
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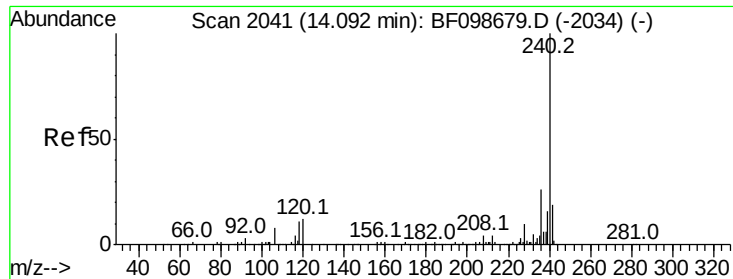
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#74
Fluoranthene
Concen: 2.655 ng
RT: 12.66 min Scan# 1797
Delta R.T. -0.01 min
Lab File: BF098979.D
Acq: 30 Sep 2017 22:53

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	12.5	0.0	34.1
203	17.5	0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.08 min Scan# 2039

Delta R.T. -0.01 min

Lab File: BF098979.D

Acq: 30 Sep 2017 22:53

Instrument :

BNA_F

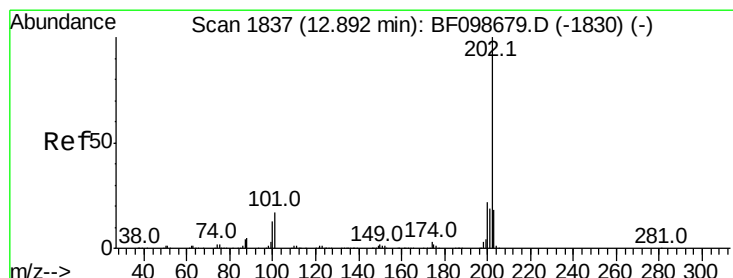
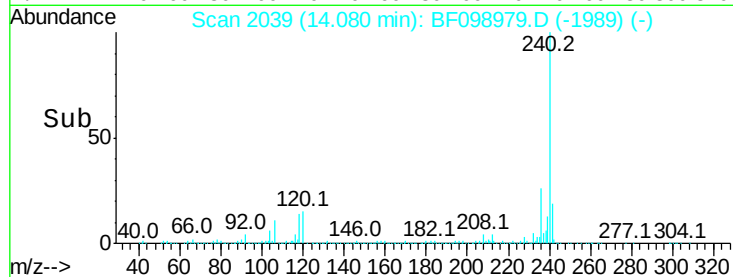
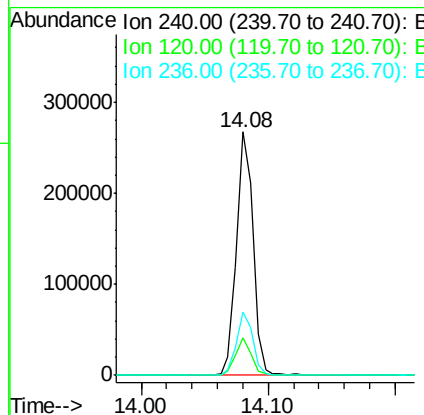
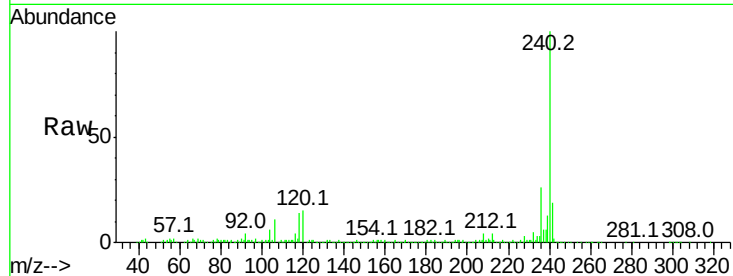
ClientSampled :

JC-03-092917-B

Tot Ion	Ratio	Resp Lower	Resp Upper
240	100		
120	15.3	9.5	14.3#
236	26.1	20.7	31.1

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#77

Pyrene

Concen: 2.564 ng

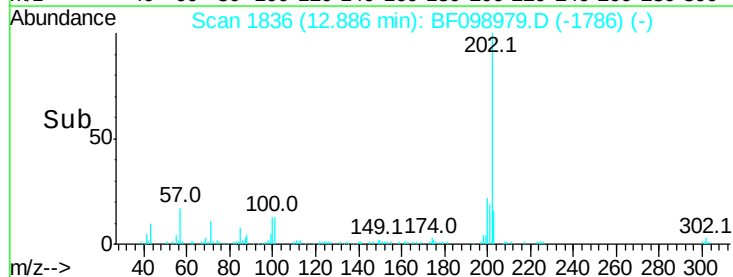
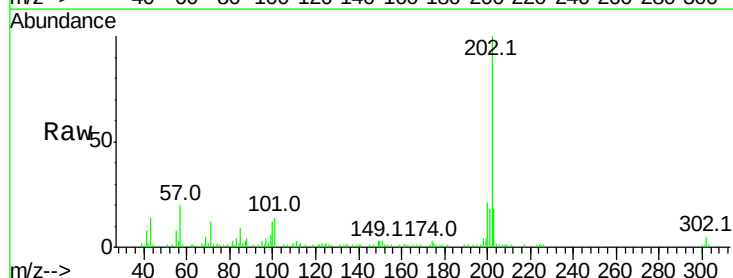
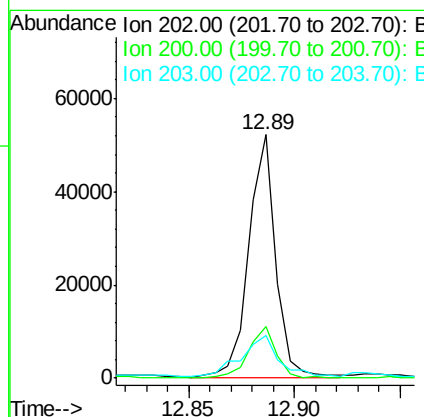
RT: 12.89 min Scan# 1836

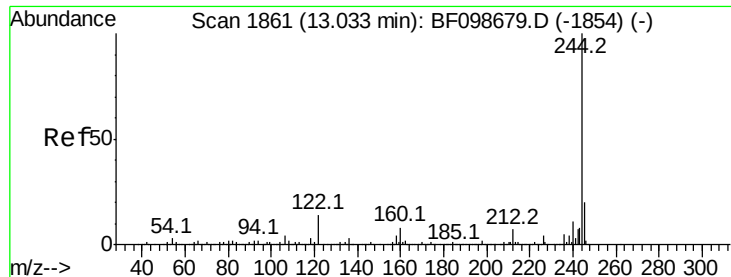
Delta R.T. -0.01 min

Lab File: BF098979.D

Acq: 30 Sep 2017 22:53

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
200	21.3	17.4	26.2
203	17.7	14.3	21.5





#78

Terphenyl-d14

Concen: 9.127 ng

RT: 13.02 min Scan# 1859

Delta R.T. -0.01 min

Lab File: BF098979.D

Acq: 30 Sep 2017 22:53

Instrument :

BNA_F

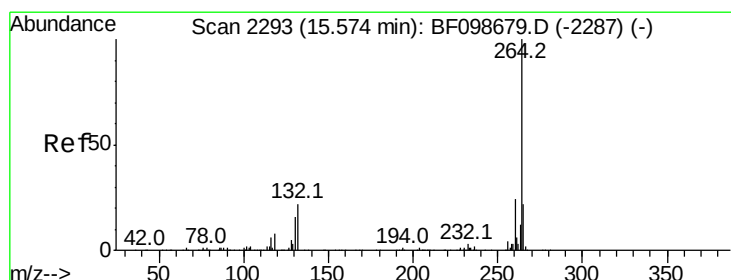
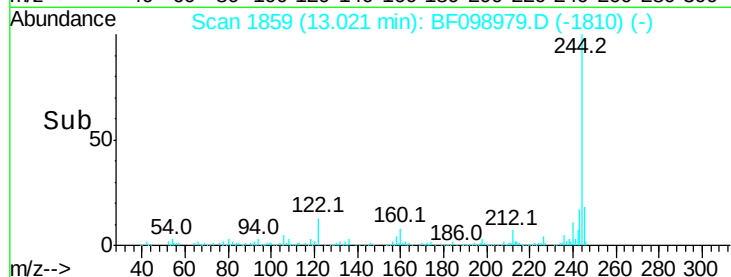
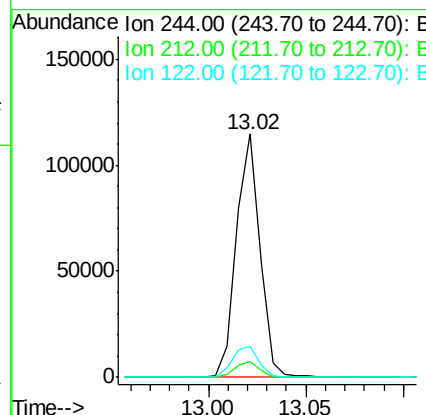
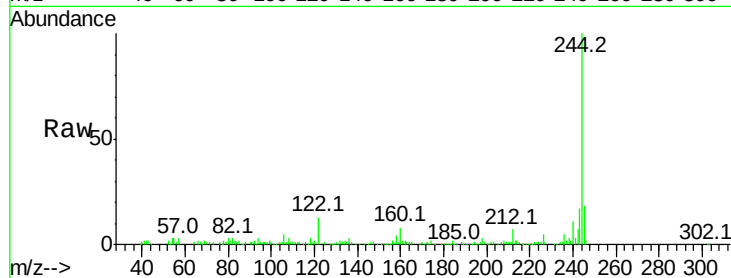
ClientSampleId :

JC-03-092917-B

Tot Ion:	244	Resp:	96206
Ion Ratio	Lower	Upper	
244	100		
212	6.7	5.4	8.0
122	12.8	11.0	16.4

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#86

Perylene-d12

Concen: 20.000 ng

RT: 15.58 min Scan# 2294

Delta R.T. 0.01 min

Lab File: BF098979.D

Acq: 30 Sep 2017 22:53

Tgt Ion:	264	Resp:	162272
Ion Ratio	Lower	Upper	
264	100		
260	23.3	19.2	28.8
265	21.9	17.5	26.3

