

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
 Data File : BF104213.D
 Acq On : 4 Apr 2018 8:01
 Operator : JU/SJ
 Sample : J2099-07DL 200X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-103(5-6)DL

Manual Integrations
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Sohil
 4/4/2018 4:10:13 PM

Quant Time: Apr 04 08:38:50 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 03 15:22:43 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	91693	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	455175	20.00	ng	0.00
38) Acenaphthene-d10	10.00	164	212583	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	386739	20.00	ng	0.00
75) Chrysene-d12	14.14	240	249948	20.00	ng	-0.01
86) Perylene-d12	15.69	264	216929	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.77	99	109	0.02	ng	0.17
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.32	172	3173	0.24	ng	0.00
78) Terphenyl-d14	13.07	244	3485	0.32	ng	0.00
Target Compounds						
31) Naphthalene	8.26	128	786397	35.365	ng	99
37) 2-Methylnaphthalene	8.95	142	218474	14.915	ng	99
45) 1,1'-Biphenyl	9.42	154	42141	2.310	ng	98
48) Acenaphthylene	9.86	152	75677	3.471	ng	96
57) Fluorene	10.55	166	70905	4.667	ng	97
70) Phenanthrene	11.52	178	317766	15.176	ng	97
71) Anthracene	11.57	178	96881	4.430	ng	98
74) Fluoranthene	12.71	202	108849	4.891	ng	98
77) Pyrene	12.94	202	189389	10.541	ng	98
80) Benzo(a)anthracene	14.14	228	51508m	3.293	ng	
82) Chrysene	14.17	228	46063	3.007	ng	97
89) Benzo(a)pyrene	15.62	252	37946	3.102	ng	97

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

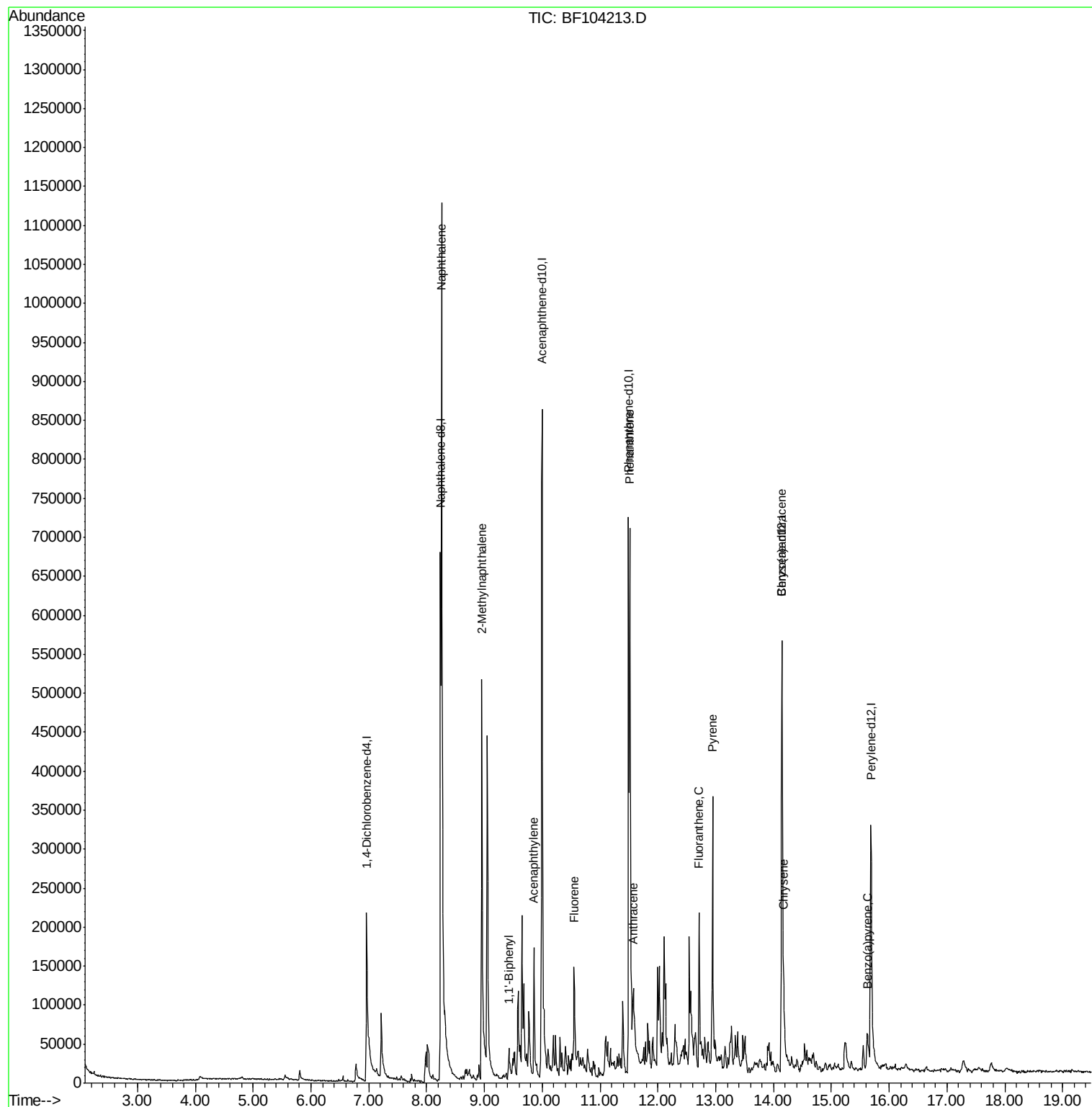
Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
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Sample : J2099-07DL 200X
Misc :
ALS Vial : 28 Sample Multiplier: 1

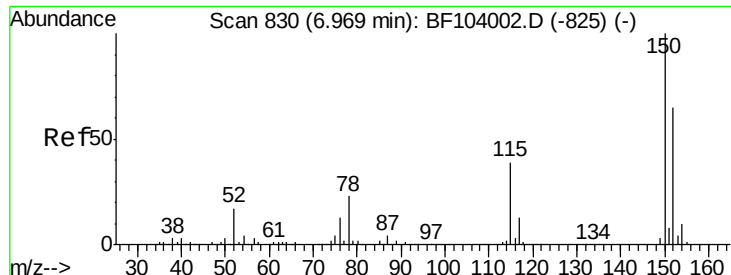
Instrument :
BNA_F
ClientSampleId :
SB-103(5-6)DL

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Quant Time: Apr 04 08:38:50 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

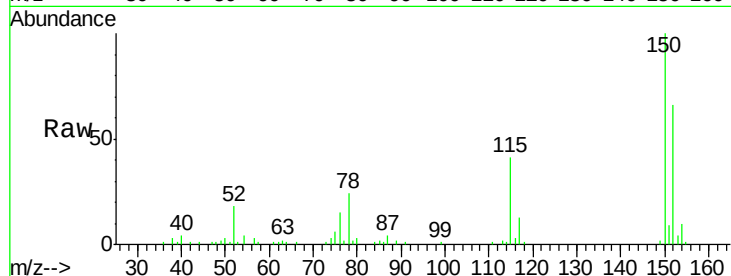
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Instrument :
BNA_F
ClientSampleId :
SB-103(5-6)DL

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.9	124.6	186.8
115	61.6	50.1	75.1

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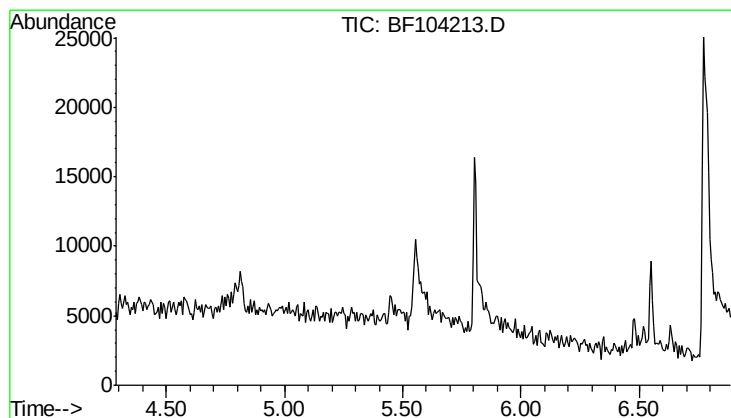
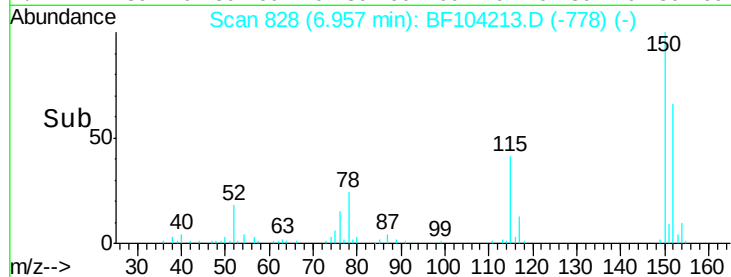
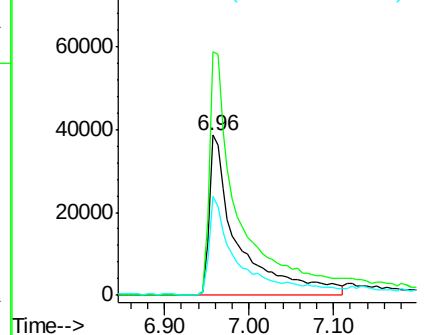


Abundance

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

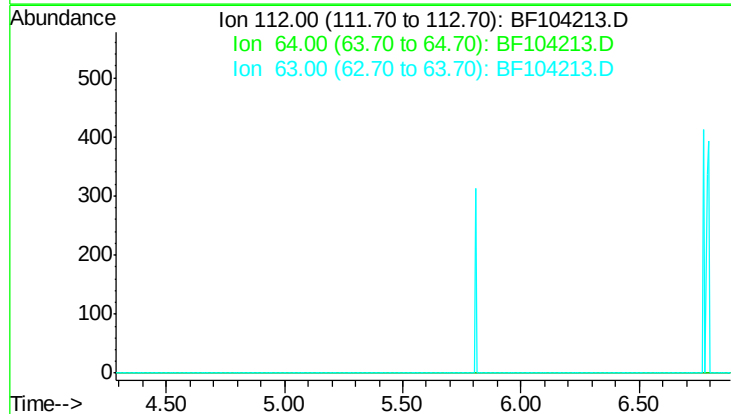


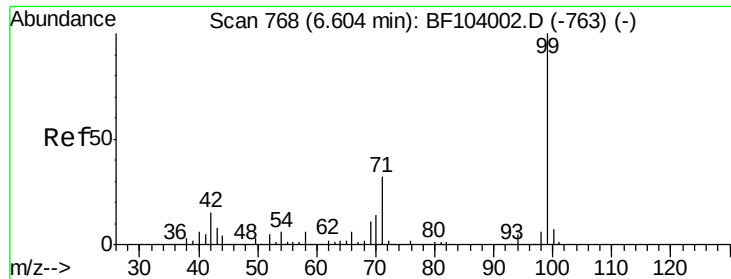
#5

2-Fluorophenol
Concen: 0.000 ng
Expected RT: 5.59 min

Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Tgt Ion	Exp Ratio
112	100
64	59.9
63	29.6





#7

Phenol-d6

Concen: 0.015 ng

RT: 6.77 min Scan# 796

Delta R.T. 0.17 min

Lab File: BF104213.D

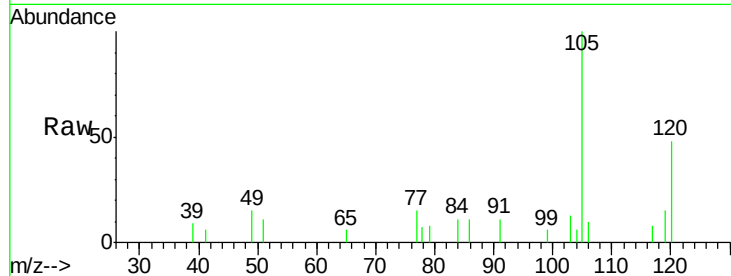
Acq: 4 Apr 2018 8:01

Instrument :

BNA_F

ClientSampleId :

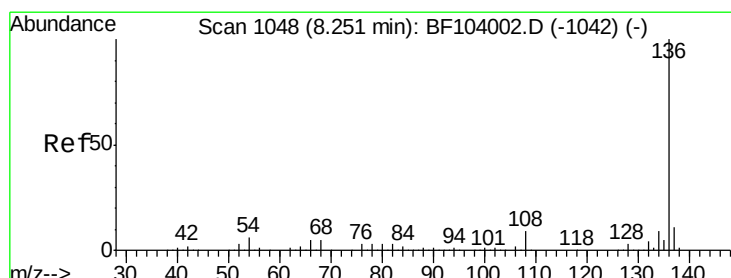
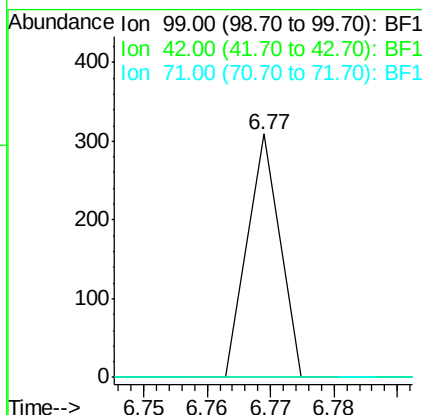
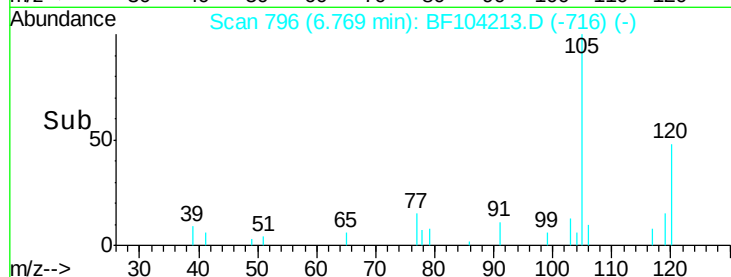
SB-103(5-6)DL



Tot Ion	Ion	Ratio	Resp	Lower	Upper
109	99	100			
	42	0.0		14.5	21.7#
	71	0.0		25.4	38.0#

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#21

Naphthalene-d8

Concen: 20.000 ng

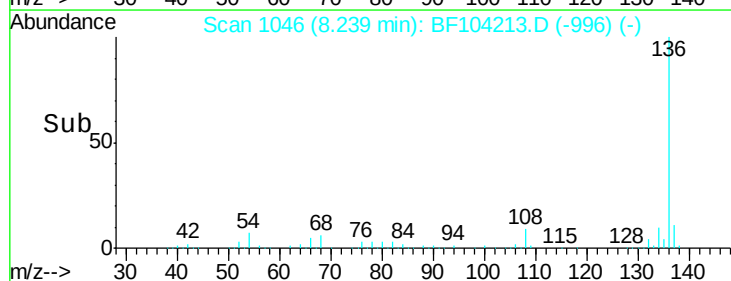
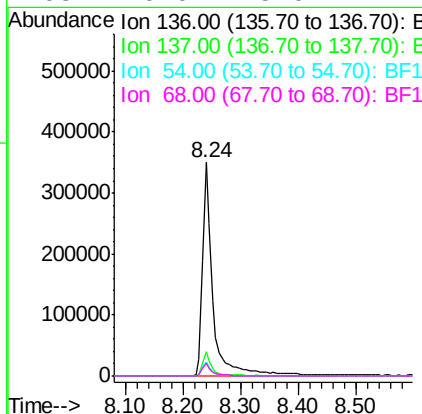
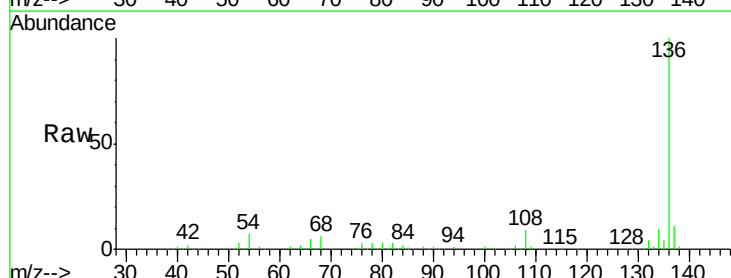
RT: 8.24 min Scan# 1046

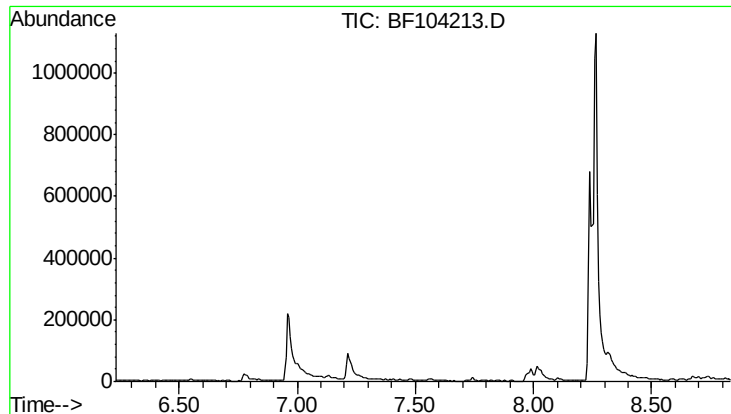
Delta R.T. -0.01 min

Lab File: BF104213.D

Acq: 4 Apr 2018 8:01

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
455175	136	100			
	137	11.3		8.9	13.3
	54	6.8		6.6	9.8
	68	6.0		5.0	7.4





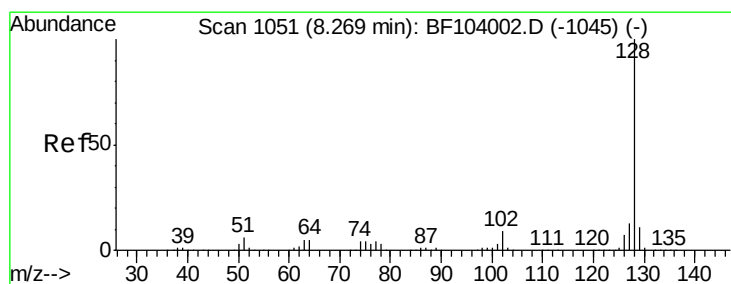
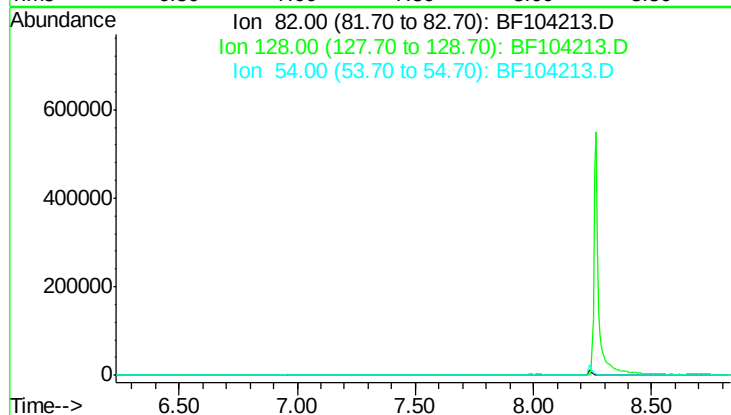
#23
 Nitrobenzene-d5
 Concen: 0.000 ng
 Expected RT: 7.53 min
 Lab File: BF104213.D
 Acq: 4 Apr 2018 8:01

Tot Ion	82
Sig	Exp Ratio
82	100
128	45.1
54	51.8

Instrument :
 BNA_F
 ClientSampleId :
 SB-103(5-6)DL

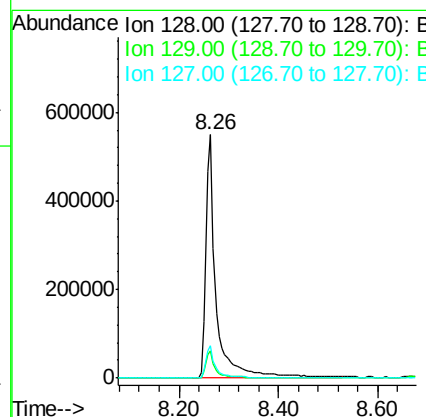
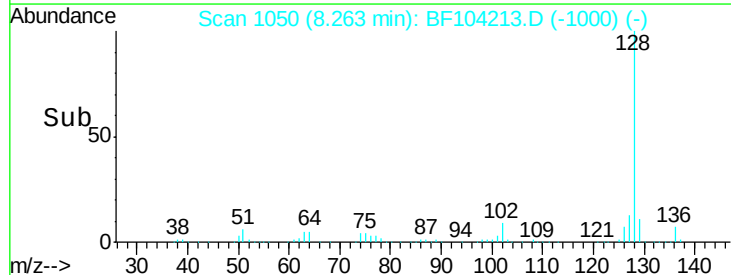
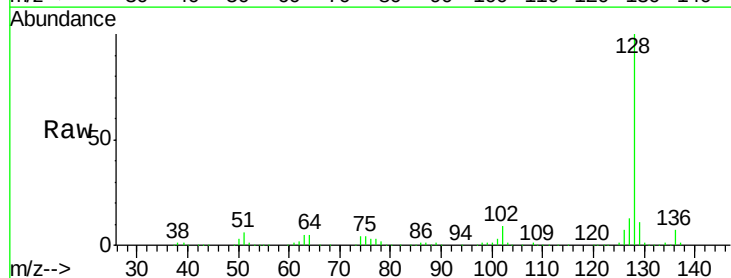
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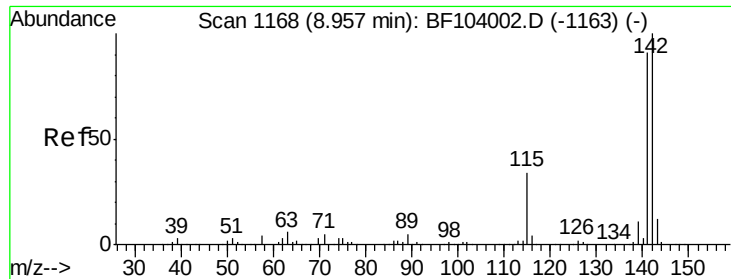
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#31
 Naphthalene
 Concen: 35.365 ng
 RT: 8.26 min Scan# 1050
 Delta R.T. -0.01 min
 Lab File: BF104213.D
 Acq: 4 Apr 2018 8:01

Tgt Ion	128	Resp	786397
Ion	Ratio	Lower	Upper
128	100		
129	11.0	8.8	13.2
127	13.1	10.9	16.3





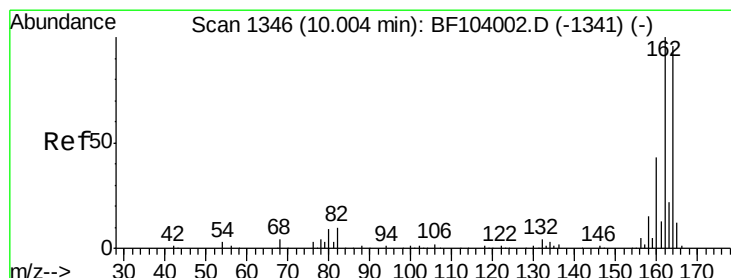
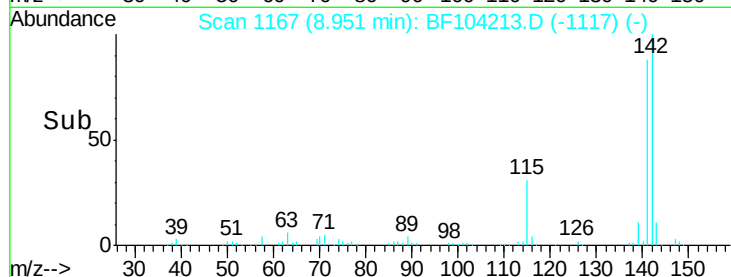
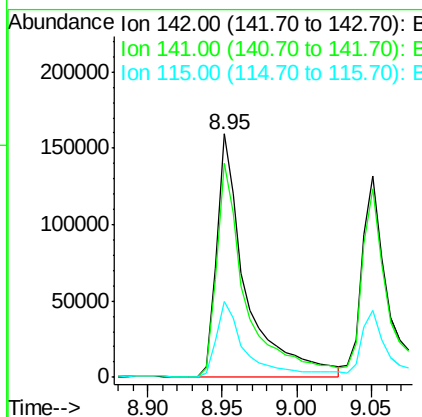
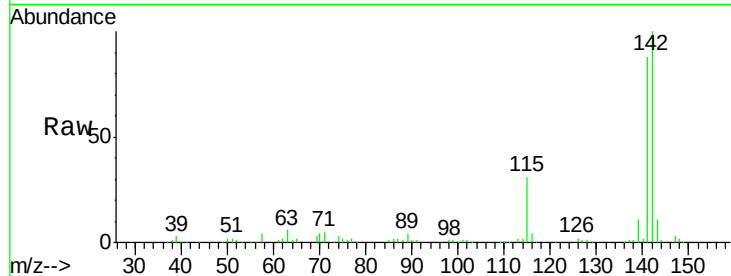
#37
2-Methylnaphthalene
Concen: 14.915 ng
RT: 8.95 min Scan# 1167
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Instrument :
BNA_F
ClientSampleId :
SB-103(5-6)DL

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.8	70.8	106.2
115	31.0	26.1	39.1

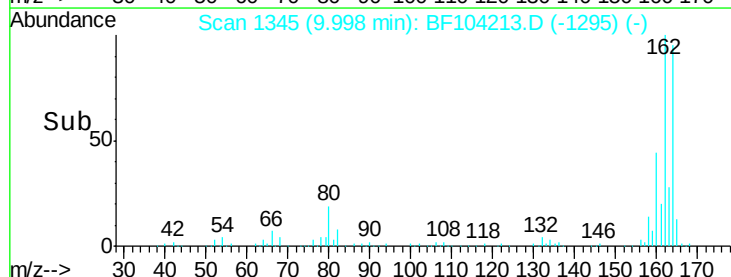
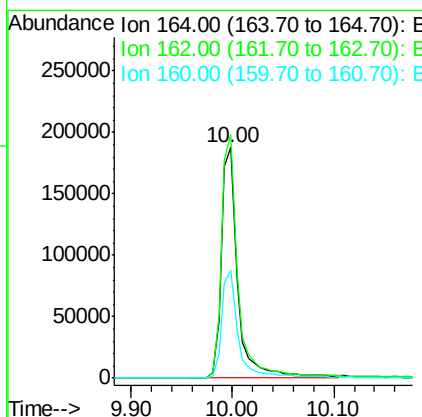
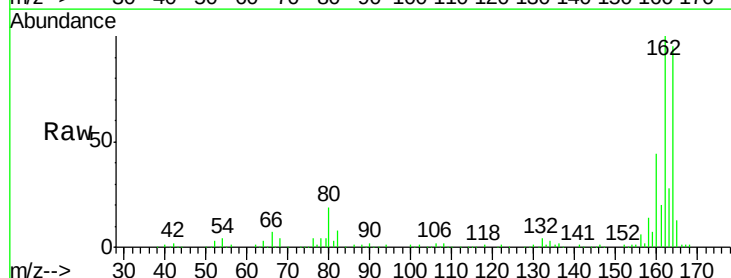
Manual Integrations
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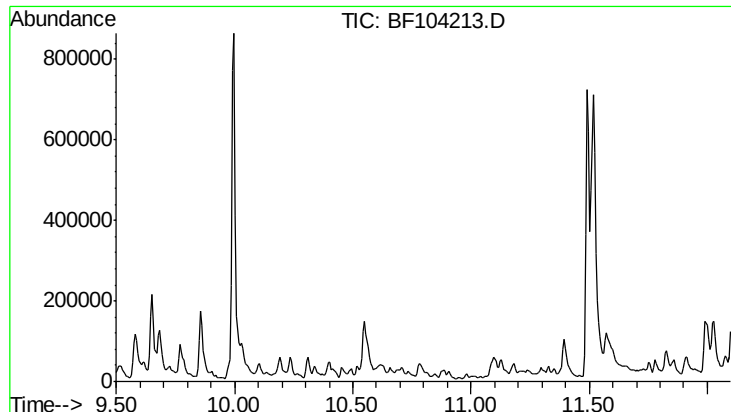
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	86.1	129.1
160	46.6	38.3	57.5





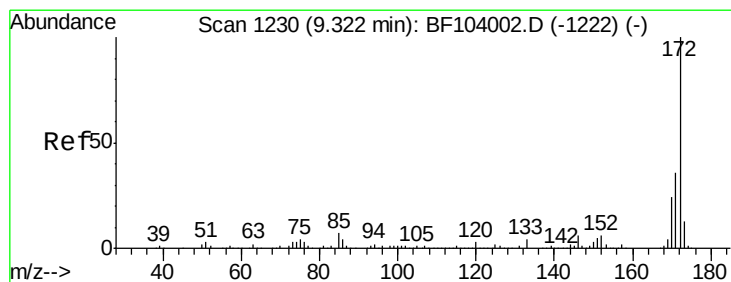
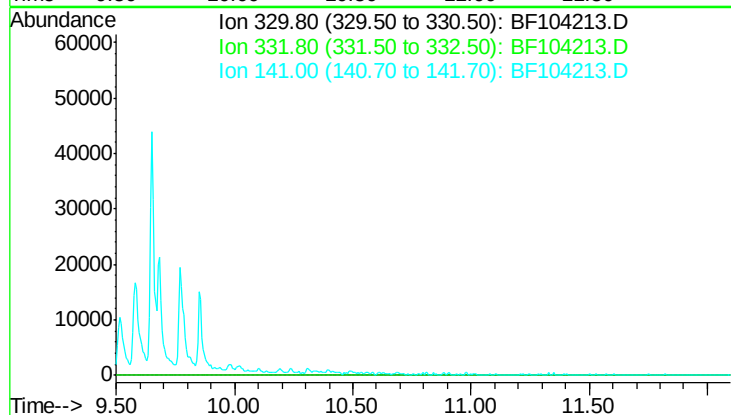
#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.80 min
 Lab File: BF104213.D
 Acq: 4 Apr 2018 8:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-103(5-6)DL

Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 96.3
 141 37.4

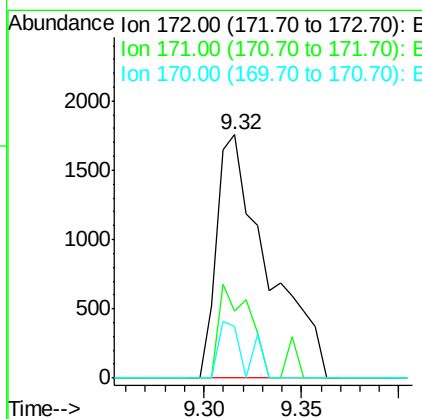
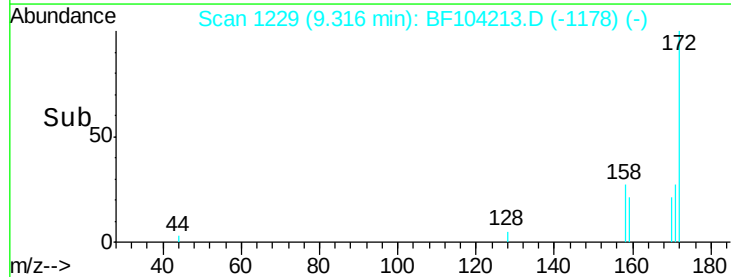
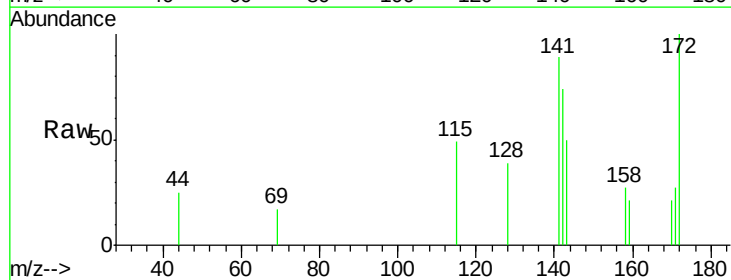
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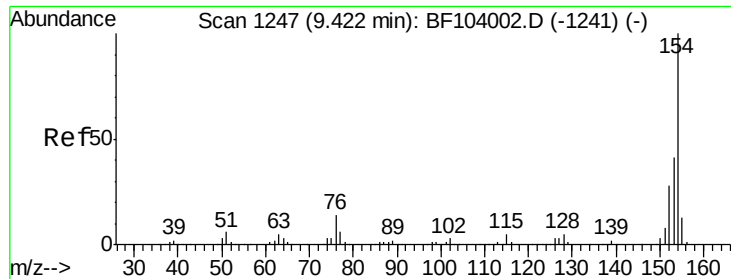
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#44
 2-Fluorobiphenyl
 Concen: 0.235 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. -0.00 min
 Lab File: BF104213.D
 Acq: 4 Apr 2018 8:01

Tgt Ion: 172 Resp: 3173
 Ion Ratio Lower Upper
 172 100
 171 27.5 29.7 44.5#
 170 21.1 19.6 29.4





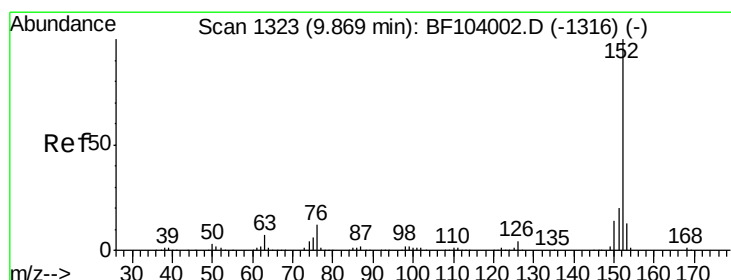
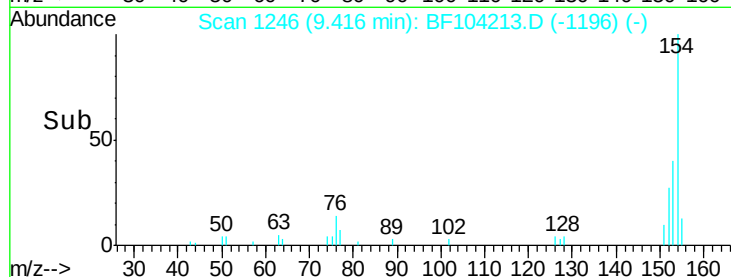
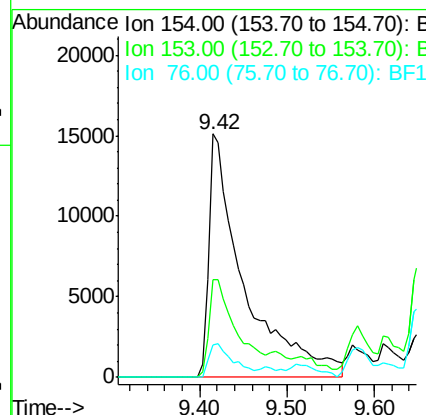
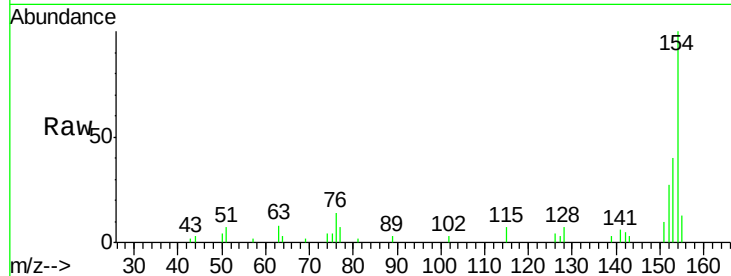
#45
 1,1'-Biphenyl
 Concen: 2.310 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. -0.01 min
 Lab File: BF104213.D
 Acq: 4 Apr 2018 8:01

Instrument :
 BNA_F
 ClientSampleId :
 SB-103(5-6)DL

Tot Ion	Ratio	Lower	Upper
154	100		
153	40.0	21.3	61.3
76	13.5	0.0	34.0

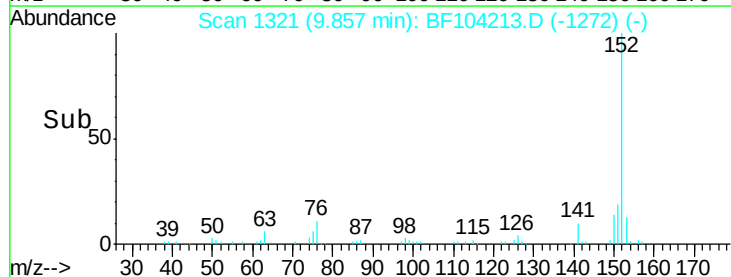
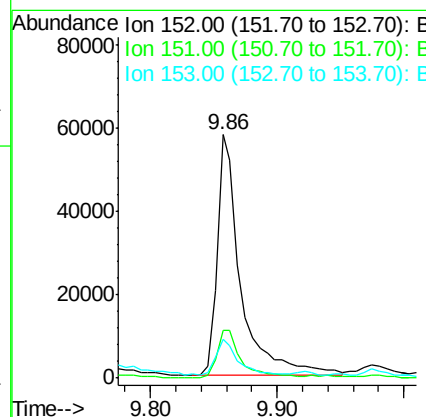
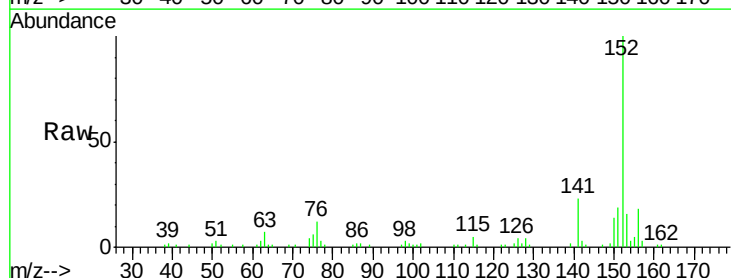
Manual Integrations
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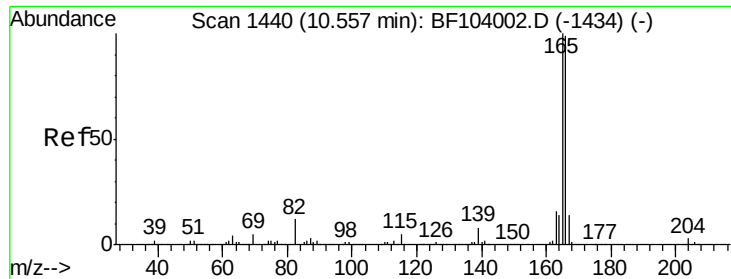
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#48
 Acenaphthylene
 Concen: 3.471 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. -0.01 min
 Lab File: BF104213.D
 Acq: 4 Apr 2018 8:01

Tgt Ion	Ratio	Lower	Upper
152	100		
151	19.5	16.3	24.5
153	15.8	10.7	16.1





#57

Fluorene

Concen: 4.667 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF104213.D

Acq: 4 Apr 2018 8:01

Instrument :

BNA_F

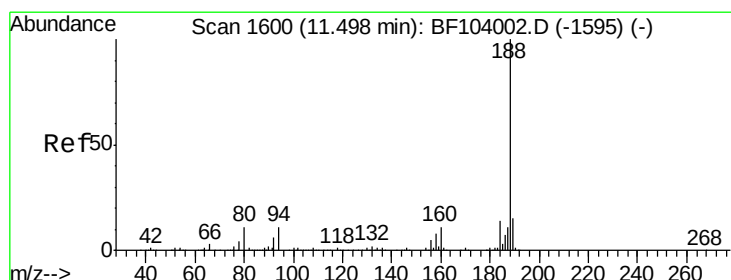
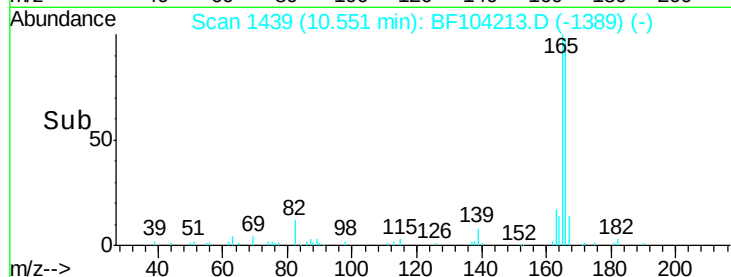
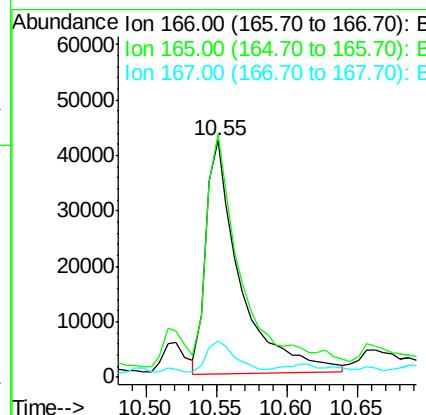
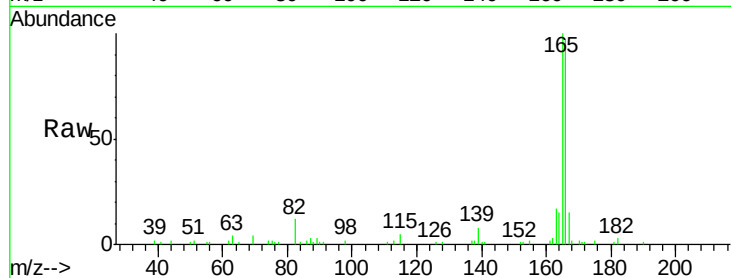
ClientSampleId :

SB-103(5-6)DL

Tot Ion:	166	Resp:	70905
Ion Ratio	Lower	Upper	
166	100		
165	102.8	79.8	119.8
167	15.3	10.6	16.0

Manual Integrations
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#63

Phenanthrene-d10

Concen: 20.000 ng

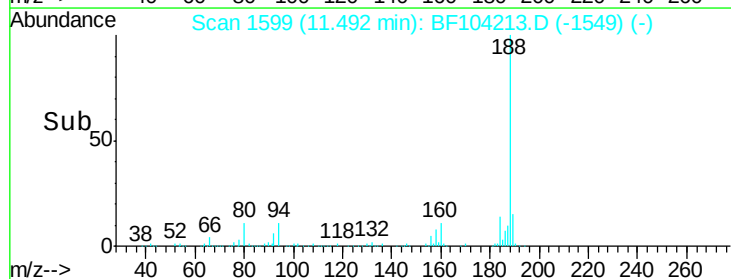
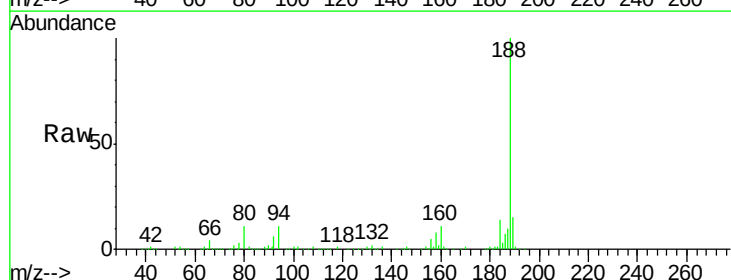
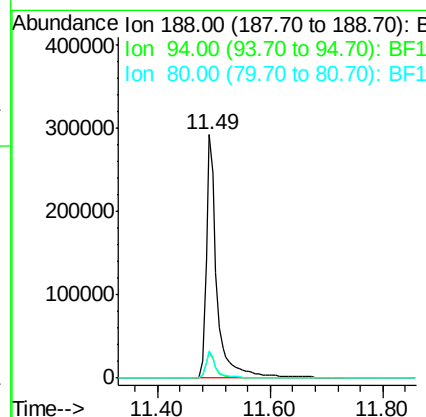
RT: 11.49 min Scan# 1599

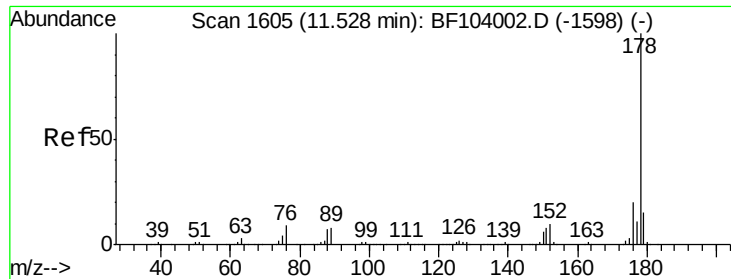
Delta R.T. -0.01 min

Lab File: BF104213.D

Acq: 4 Apr 2018 8:01

Tgt Ion:	188	Resp:	386739
Ion Ratio	Lower	Upper	
188	100		
94	10.7	8.5	12.7
80	11.4	9.2	13.8





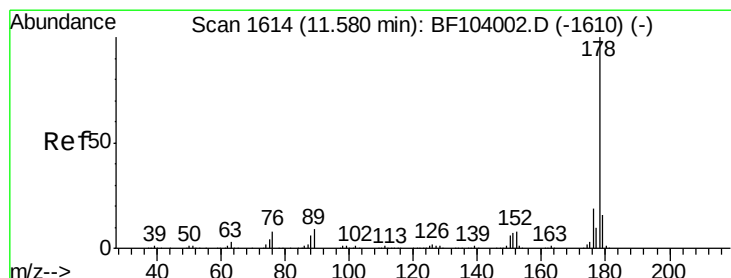
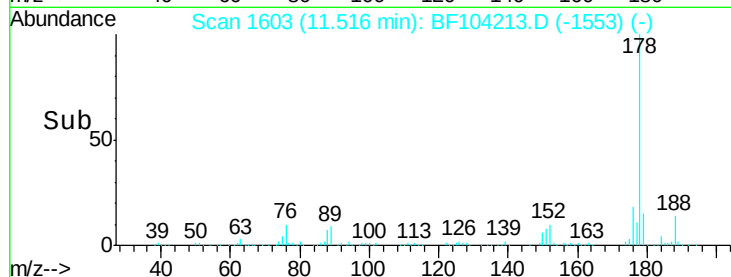
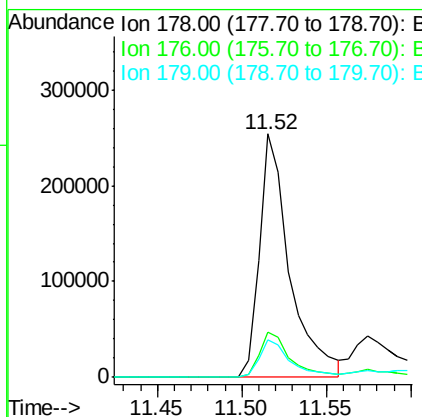
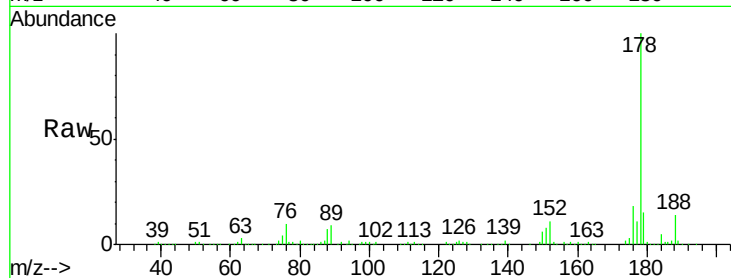
#70
Phenanthrene
Concen: 15.176 ng
RT: 11.52 min Scan# 1603
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Instrument :
BNA_F
ClientSampleId :
SB-103(5-6)DL

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.8	23.8
179	15.2	13.0	19.6

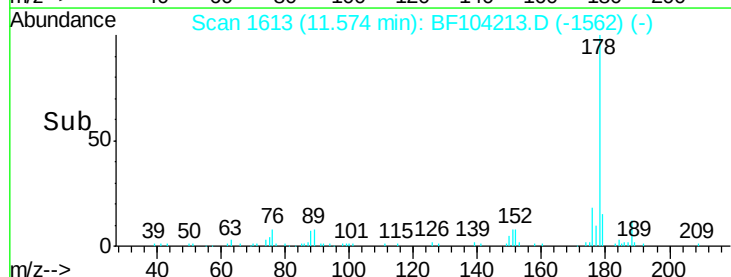
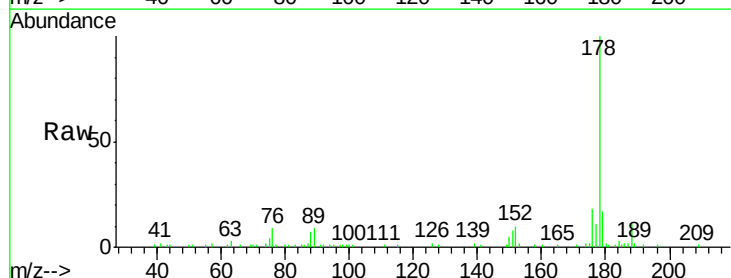
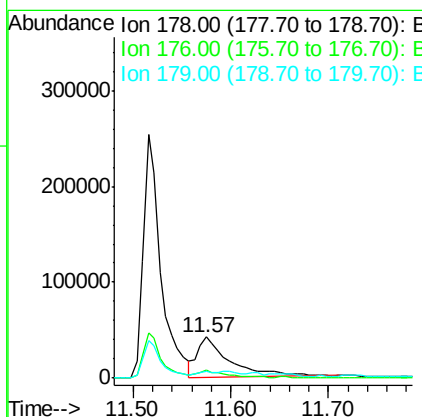
Manual Integrations
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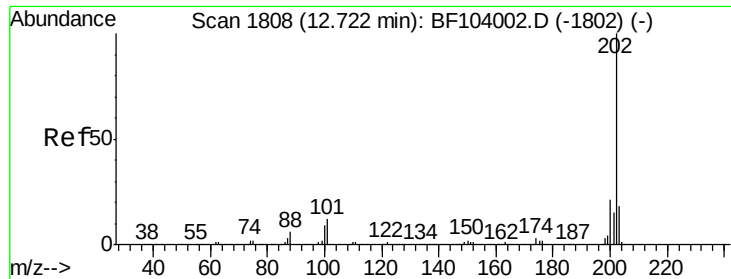
Sohil
4/4/2018 4:10:13 PM



#71
Anthracene
Concen: 4.430 ng
RT: 11.57 min Scan# 1613
Delta R.T. -0.00 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.3	15.4	23.2
179	17.0	12.6	19.0





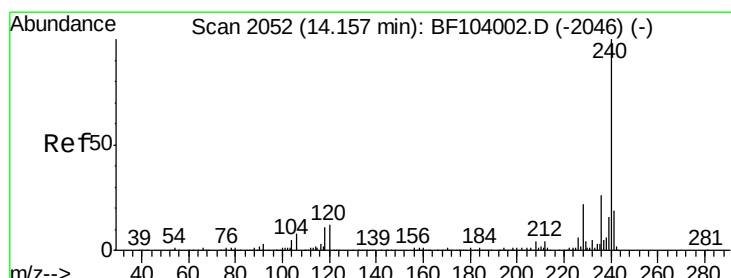
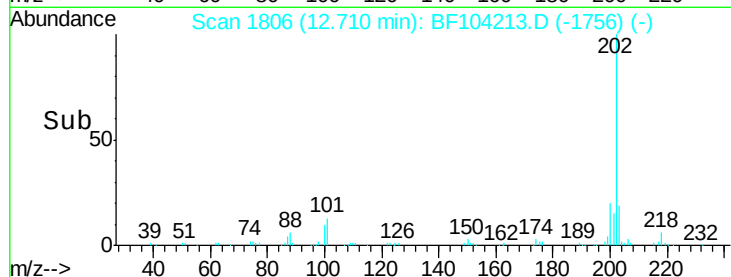
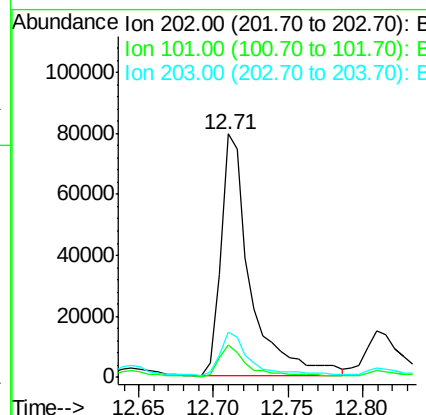
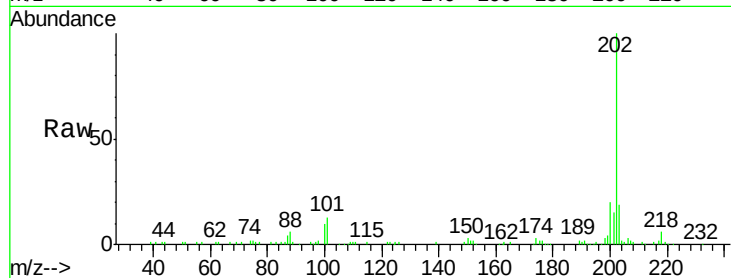
#74
Fluoranthene
Concen: 4.891 ng
RT: 12.71 min Scan# 1806
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Instrument :
BNA_F
ClientSampled :
SB-103(5-6)DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	13.2	0.0	34.1
203	18.8	0.0	38.1

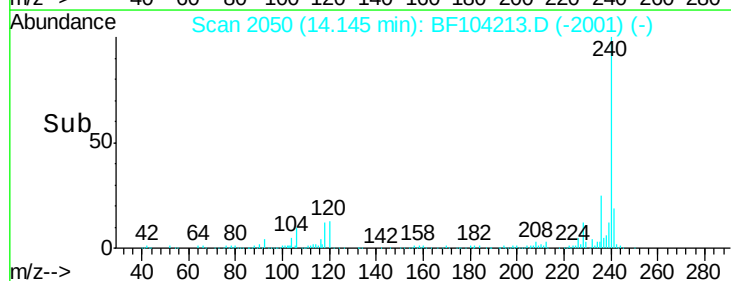
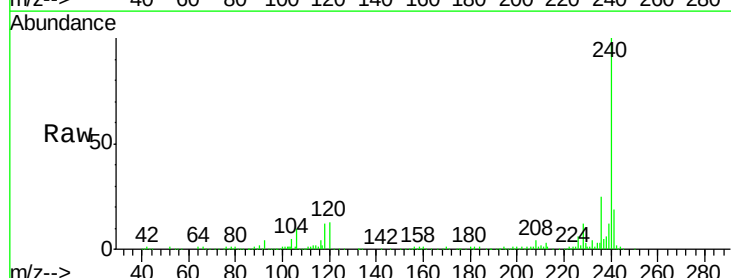
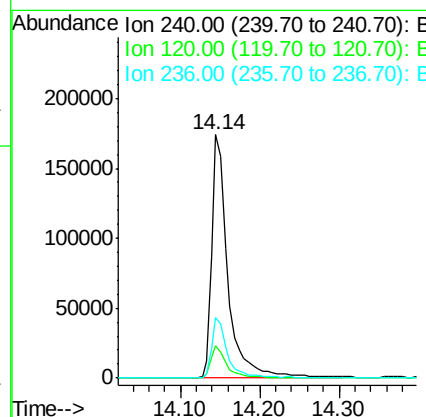
Manual Integrations
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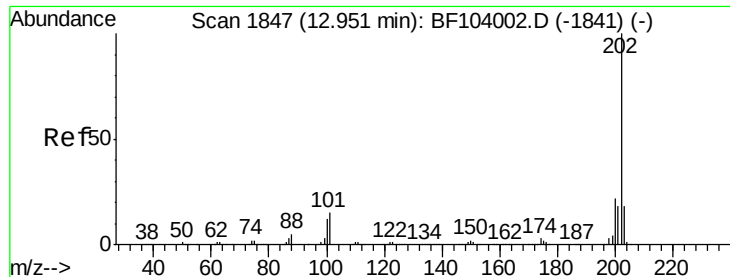
Sohil
4/4/2018 4:10:13 PM



#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.14 min Scan# 2050
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	13.2	9.5	14.3
236	24.9	20.7	31.1





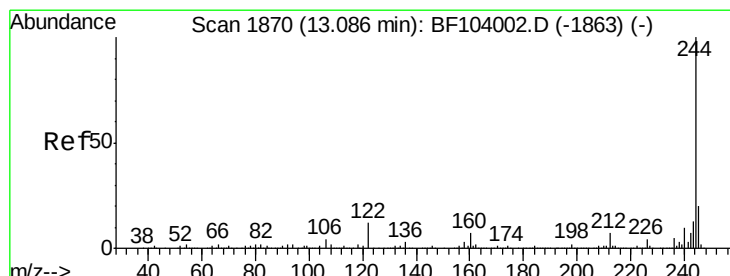
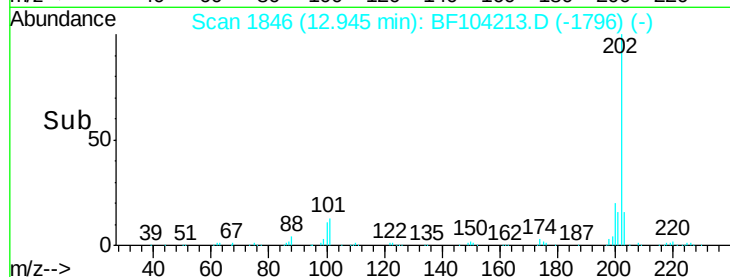
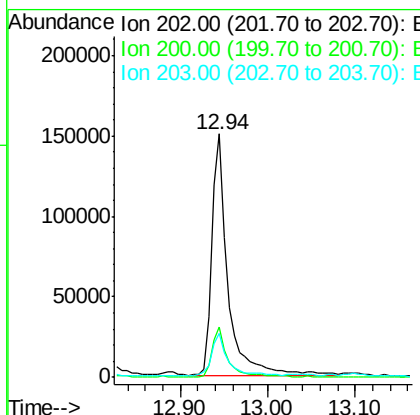
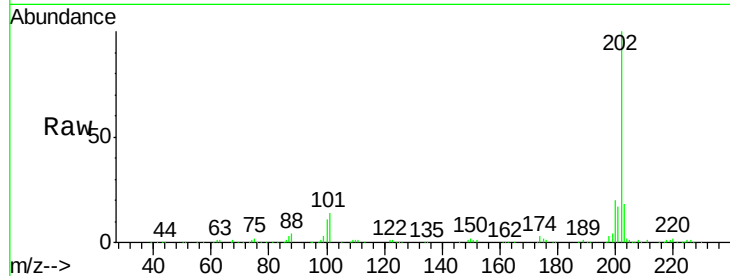
#77
Pvrene
Concen: 10.541 ng
RT: 12.94 min Scan# 1846
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Instrument :
BNA_F
ClientSampleId :
SB-103(5-6)DL

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.5	17.4	26.2
203	17.8	14.3	21.5

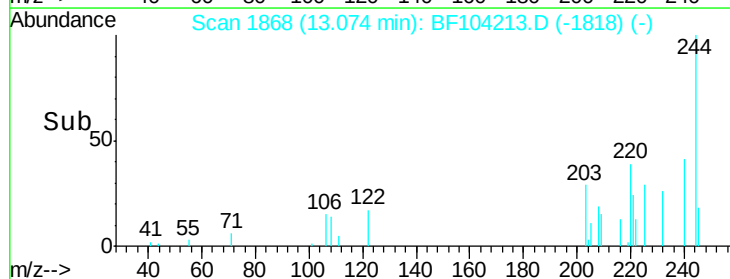
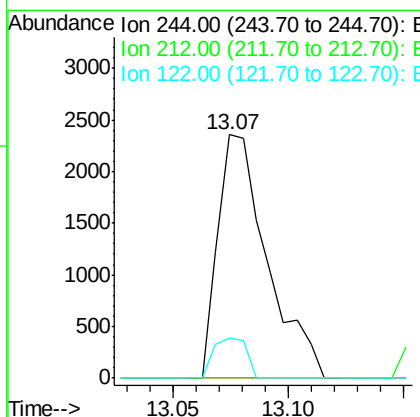
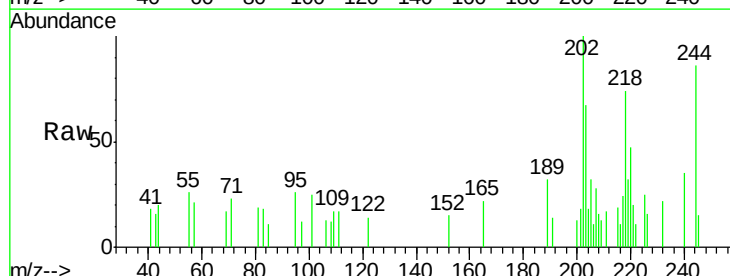
Manual Integrations
APPROVED

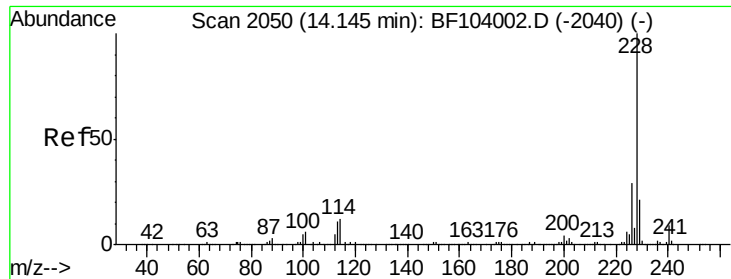
Sohil
4/4/2018 4:10:13 PM



#78
Terphenyl-d14
Concen: 0.322 ng
RT: 13.07 min Scan# 1868
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	0.0	5.4	8.0#
122	16.6	11.0	16.4#





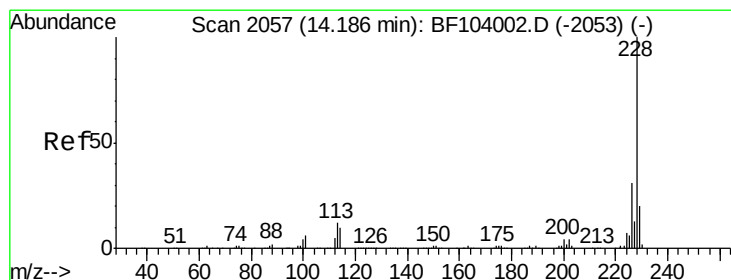
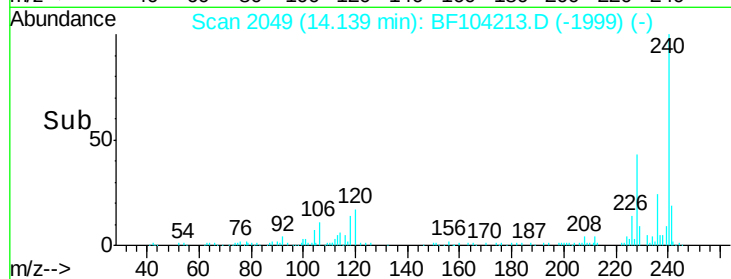
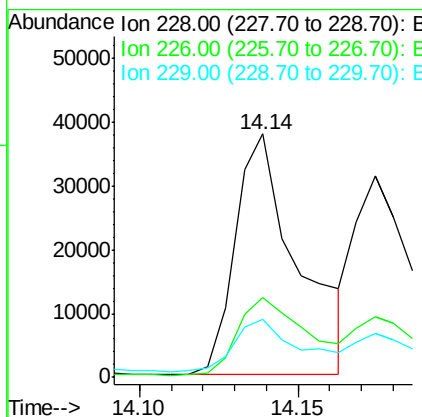
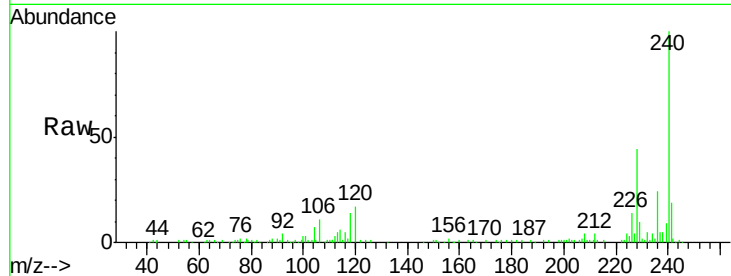
#80
Benzo(a)anthracene
Concen: 3.293 ng m
RT: 14.14 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Instrument :
BNA_F
ClientSampleId :
SB-103(5-6)DL

Tot Ion	Ratio	Lower	Upper
228	100		
226	32.9	22.6	33.8
229	23.8	15.8	23.6

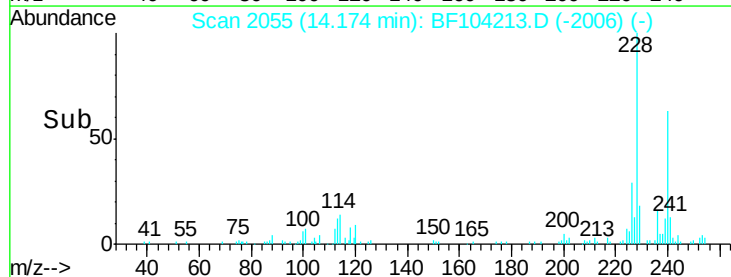
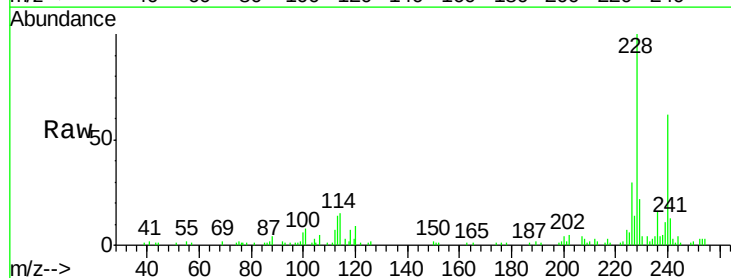
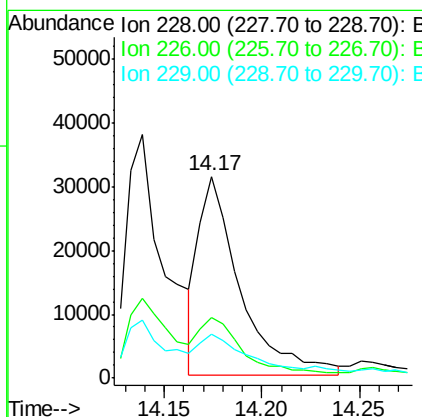
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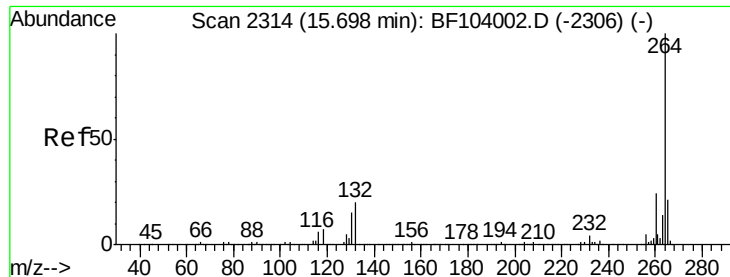
Sohil
4/4/2018 4:10:13 PM



#82
Chrysene
Concen: 3.007 ng
RT: 14.17 min Scan# 2055
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	22.0	16.2	24.4





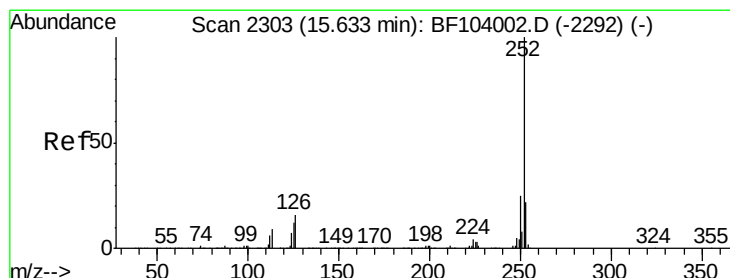
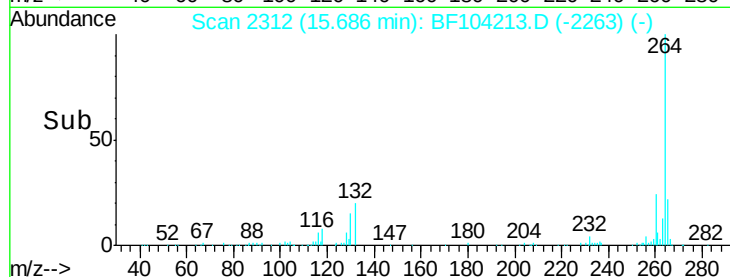
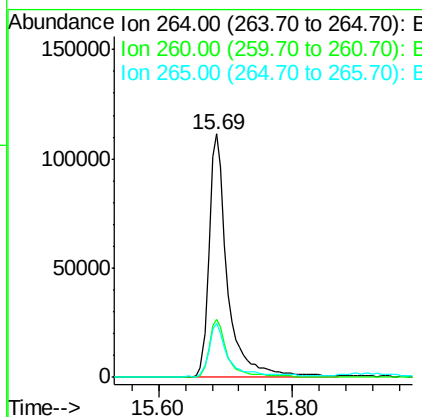
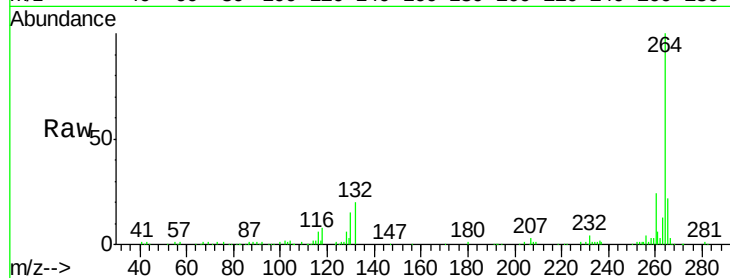
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.69 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Instrument :
BNA_F
ClientSampleId :
SB-103(5-6)DL

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.2	28.8
265	22.1	17.5	26.3

Manual Integrations
APPROVED

Sohil
4/4/2018 4:10:13 PM



#89
Benzo(a)pyrene
Concen: 3.102 ng
RT: 15.62 min Scan# 2301
Delta R.T. -0.01 min
Lab File: BF104213.D
Acq: 4 Apr 2018 8:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.1	25.7
125	13.6	9.8	14.6

