

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097801.D
 Acq On : 17 Aug 2017 22:20
 Operator : SJ/JU
 Sample : I4761-02
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-02

Manual Integrations
 APPROVED

Sohil
 8/18/2017 7:02:27 PM

Quant Time: Aug 18 04:04:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	144040	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	503008	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	175924	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	301300	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	314975	20.00	ng	-0.01
86) Perylene-d12	15.36	264	233580	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	898833	94.92	ng	0.00
7) Phenol-d6	6.41	99	1189501	92.45	ng	0.00
23) Nitrobenzene-d5	7.34	82	709881	76.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	143039	93.71	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	916505	76.54	ng	0.00
78) Terphenyl-d14	12.88	244	716351	47.43	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	40562	2.696	ng	Qvalue # 73
49) Dimethylphthalate	9.53	163	115708	8.998	ng	99
74) Fluoranthene	12.50	202	79416	4.739	ng	99
77) Pyrene	12.73	202	80961	3.143	ng	96
80) Benzo(a)anthracene	13.92	228	63912m	3.386	ng	
82) Chrysene	13.95	228	71464	3.806	ng	97
83) Bis(2-ethylhexyl)phthalate	13.92	149	107410	9.814	ng	98
85) Indeno(1,2,3-cd)pyrene	16.75	276	42580	3.082	ng	# 88
87) Benzo(b)fluoranthene	14.94	252	98514m	6.691	ng	
88) Benzo(k)fluoranthene	14.97	252	35948m	2.599	ng	
89) Benzo(a)pyrene	15.30	252	66789	5.124	ng	99
91) Benzo(a,h,i)perylene	17.17	276	40052	3.617	ng	92

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

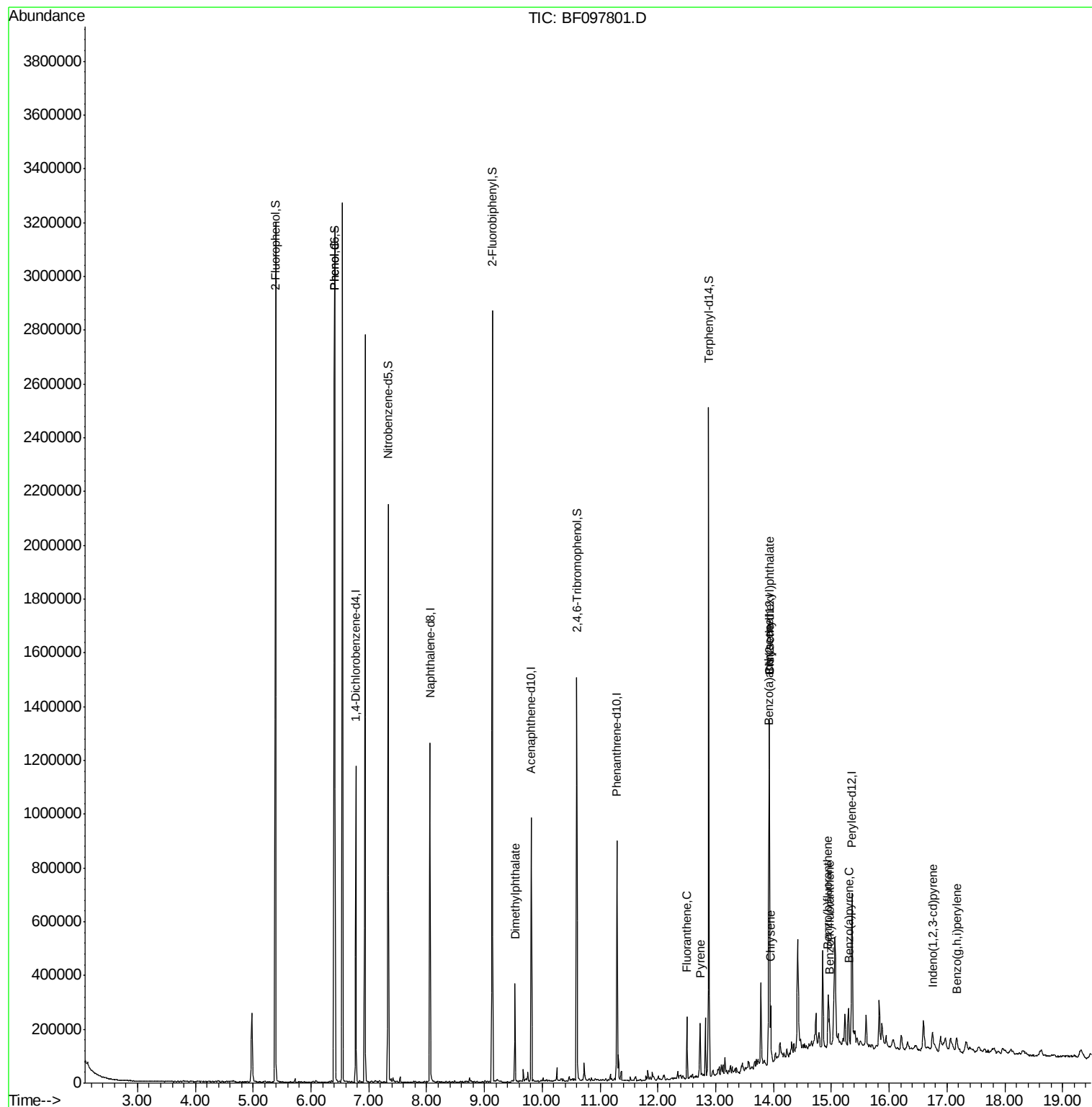
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097801.D
Acq On : 17 Aug 2017 22:20
Operator : SJ/JU
Sample : I4761-02
Misc :
ALS Vial : 17 Sample Multiplier: 1

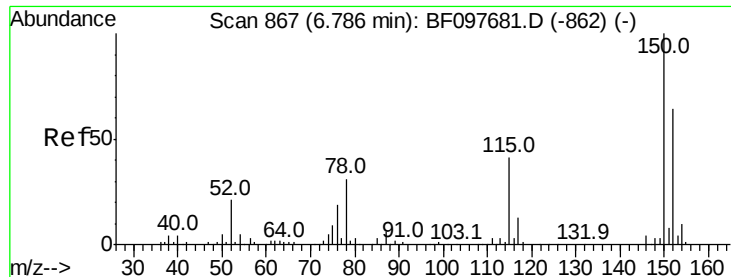
Instrument :
BNA_F
ClientSampleId :
RUSB-02

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Quant Time: Aug 18 04:04:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

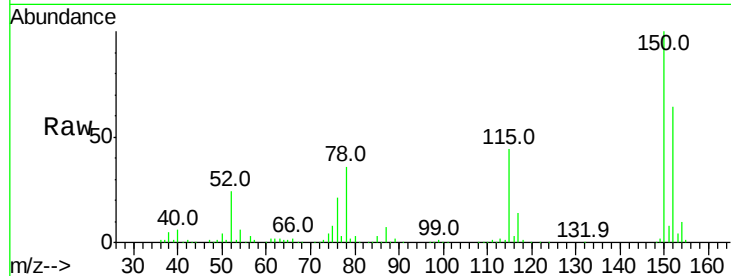
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampled :
RUSB-02

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.2	189.2
115	69.6	52.2	78.2

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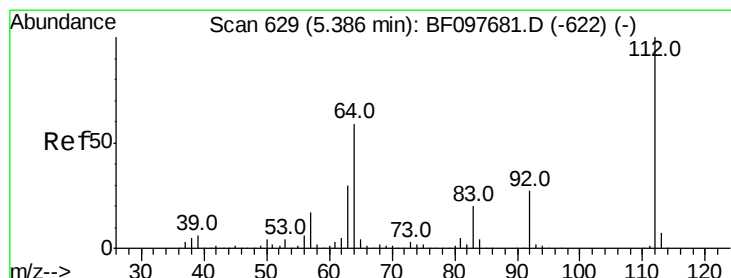
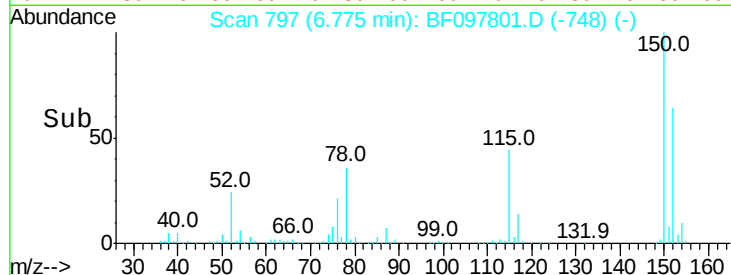
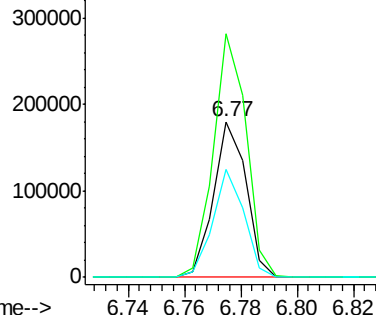


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

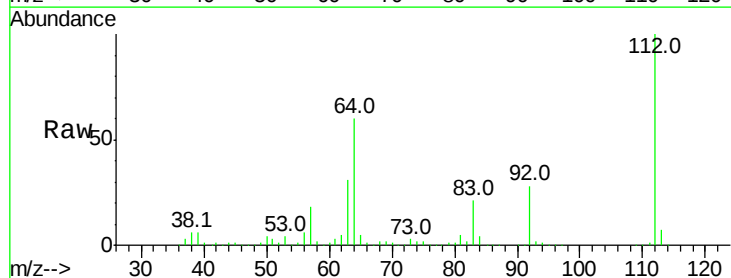
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 94.918 ng
RT: 5.39 min Scan# 561
Delta R.T. 0.00 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.0	69.0
63	31.4	23.4	35.0

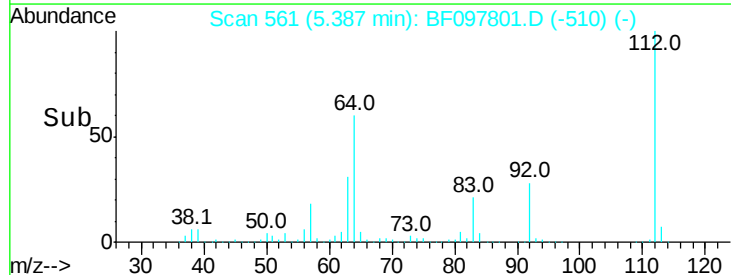
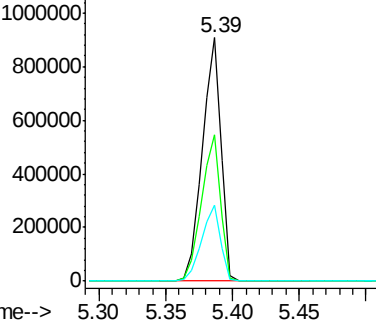


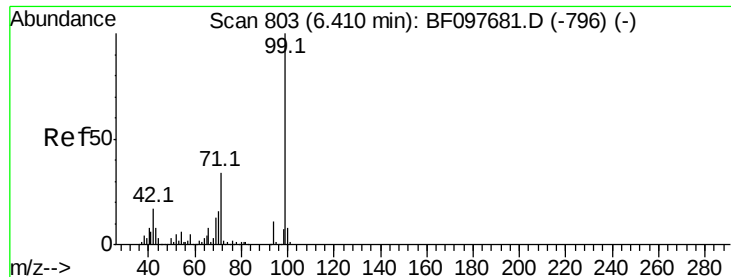
Abundance

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: 92.449 ng

RT: 6.41 min Scan# 735

Delta R.T. 0.00 min

Lab File: BF097801.D

Acq: 17 Aug 2017 22:20

Instrument :

BNA_F

ClientSampleId :

RUSB-02

Tot Ion: 99 Resp: 1189501

Ion Ratio Lower Upper

99 100

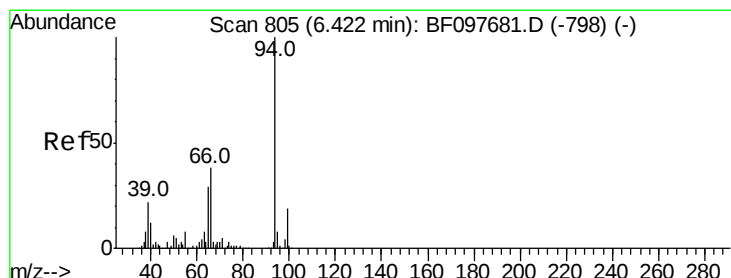
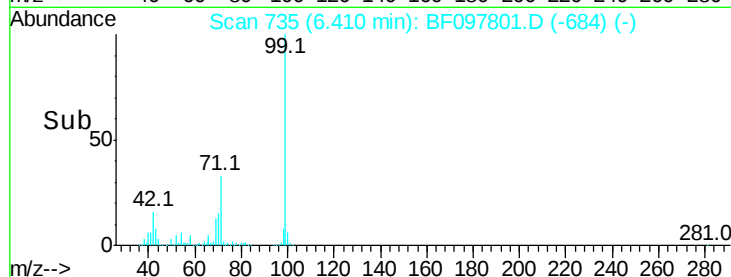
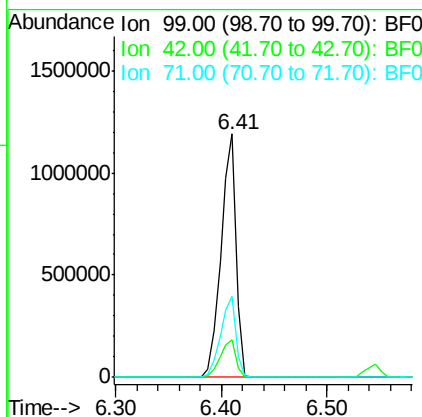
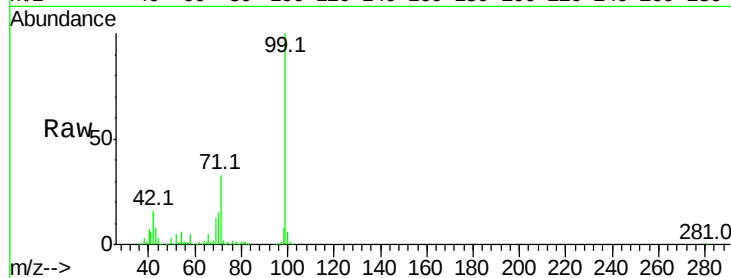
42 15.6 13.5 20.3

71 33.3 24.5 36.7

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#10

Phenol

Concen: 2.696 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097801.D

Acq: 17 Aug 2017 22:20

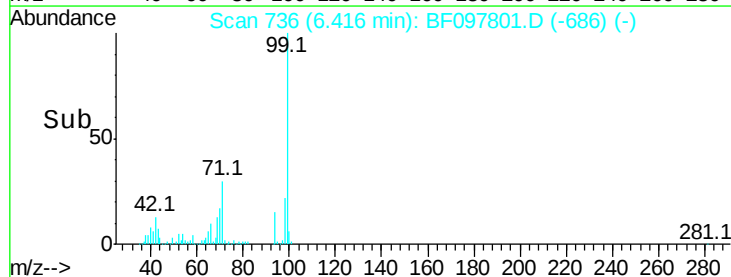
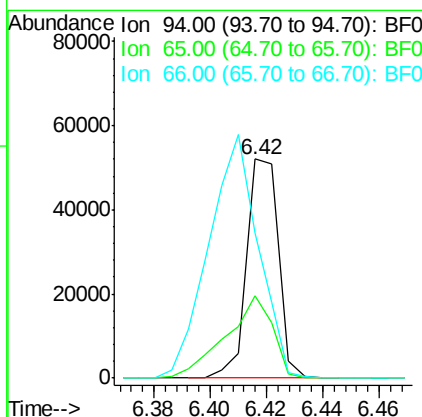
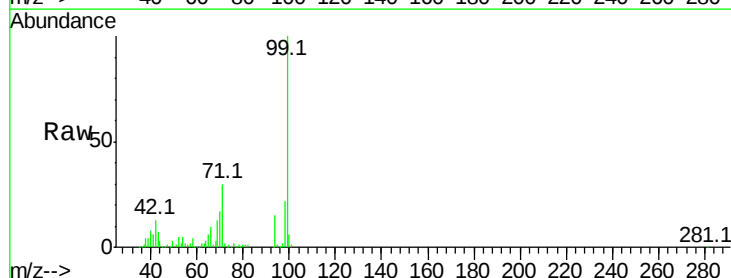
Tgt Ion: 94 Resp: 40562

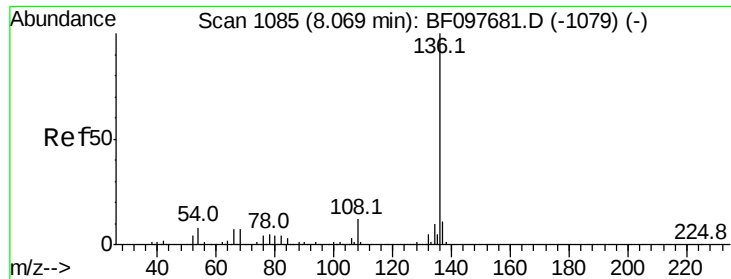
Ion Ratio Lower Upper

94 100

65 37.5 9.9 49.9

66 66.3 23.1 63.1#





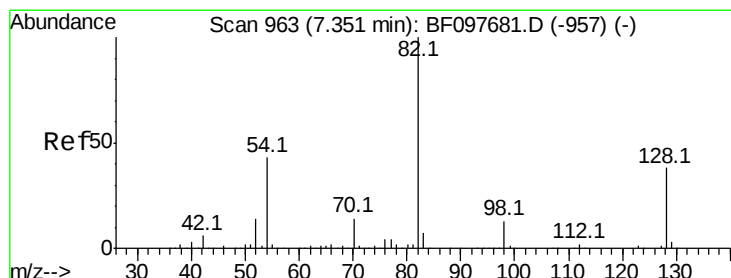
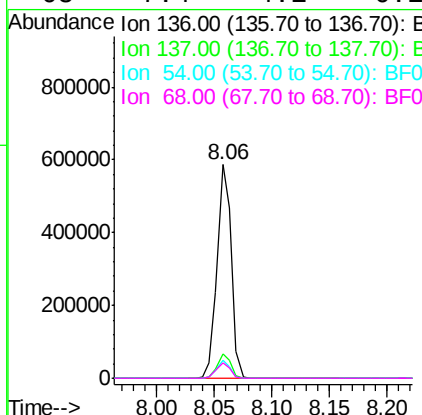
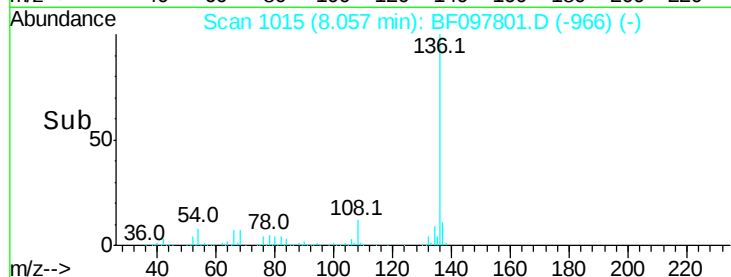
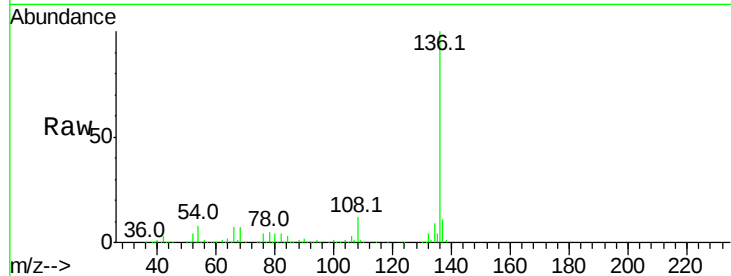
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampleId :
RUSB-02

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.3	8.5	12.7	
54	8.3	4.9	7.3#	
68	7.4	4.1	6.1#	

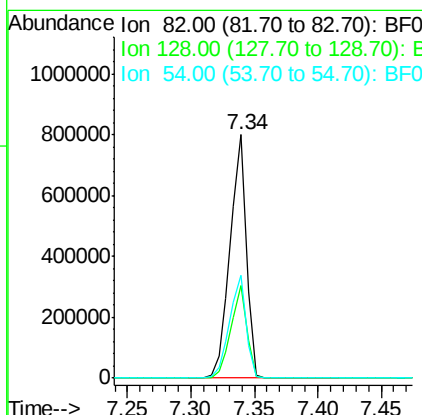
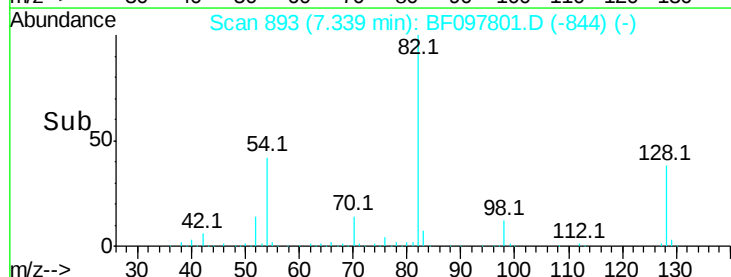
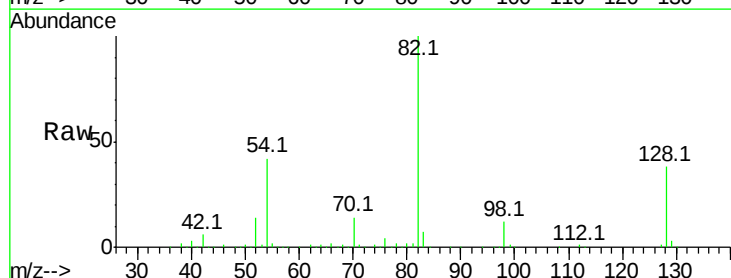
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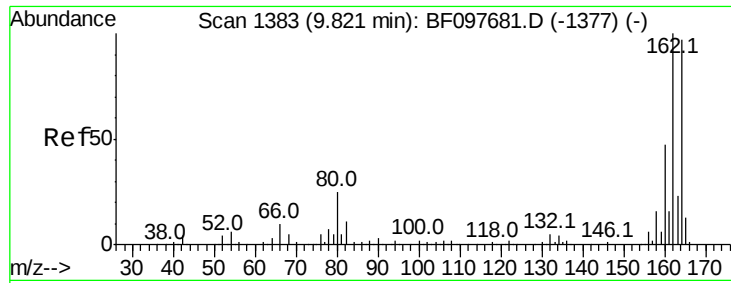
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#23
Nitrobenzene-d5
Concen: 76.667 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.8	34.0	51.0	
54	42.3	42.2	63.2	





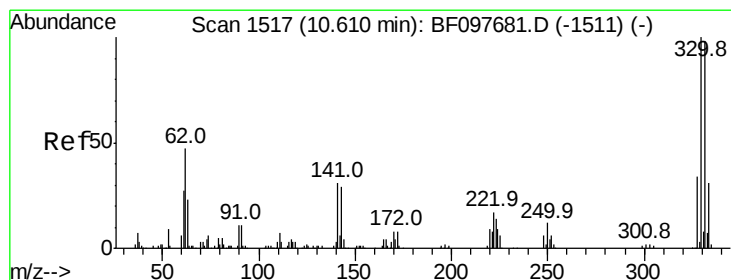
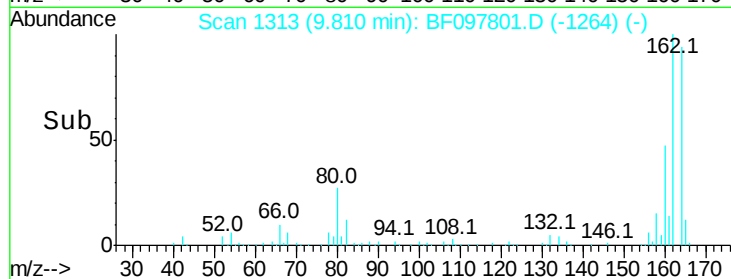
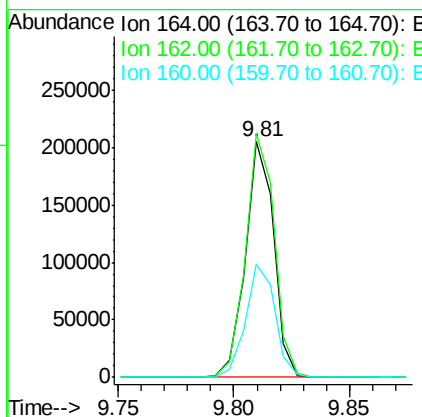
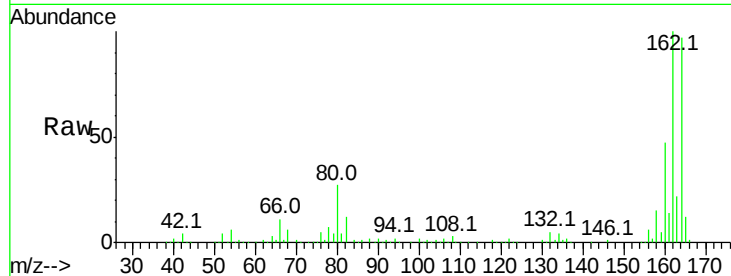
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampleId :
RUSB-02

Tot Ion	Ratio	Resp	Lower	Upper
164	100	175924		
162	103.3	82.6	123.8	
160	48.1	36.2	54.2	

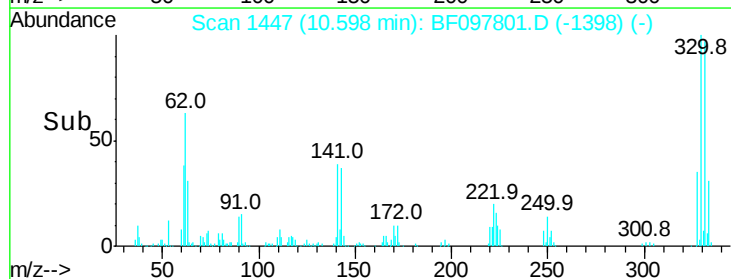
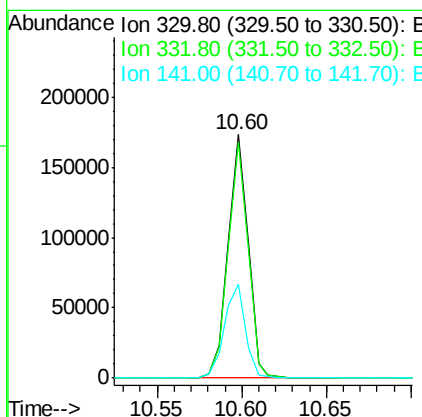
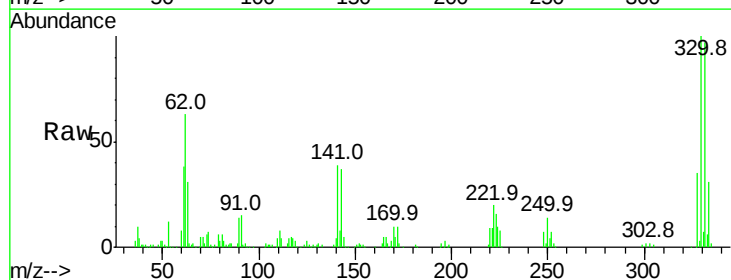
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#41
2,4,6-Tribromophenol
Concen: 93.708 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	143039		
332	96.6	76.6	115.0	
141	41.2	31.4	47.2	





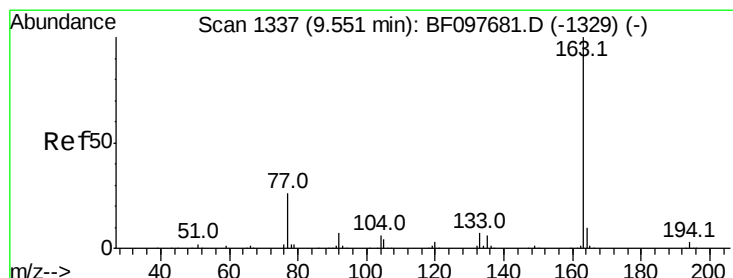
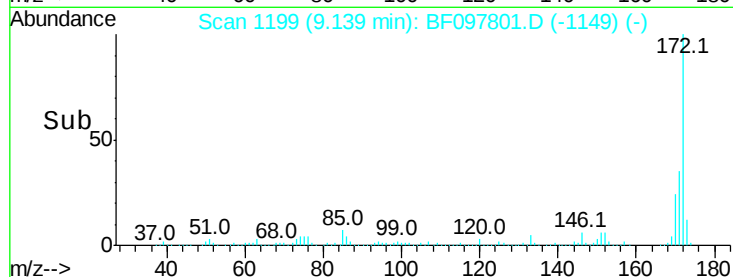
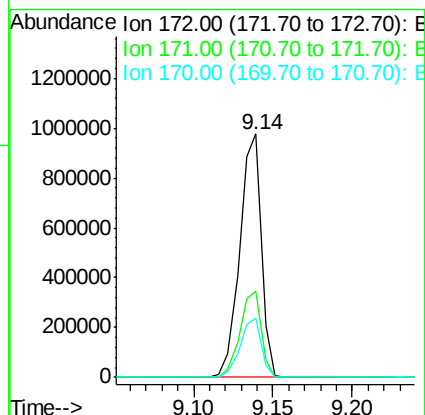
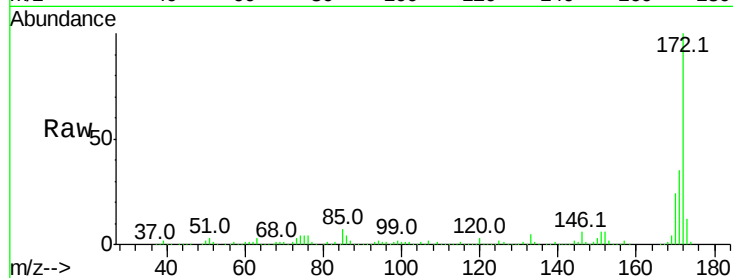
#44
2-Fluorobiphenyl
Concen: 76.541 ng
RT: 9.14 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampleId :
RUSB-02

Tot Ion	Ratio	Resp Lower	Upper
172	100		
171	35.5	29.6	44.4
170	24.4	19.8	29.8

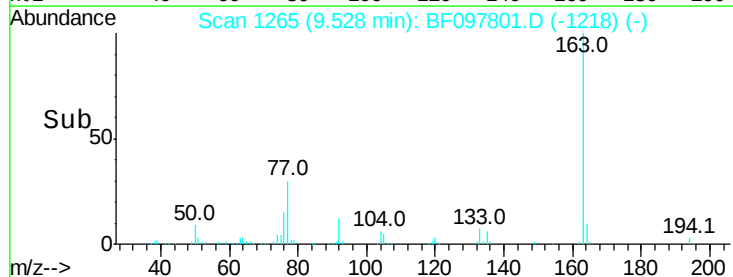
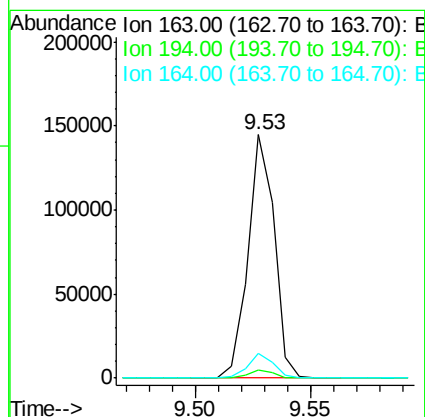
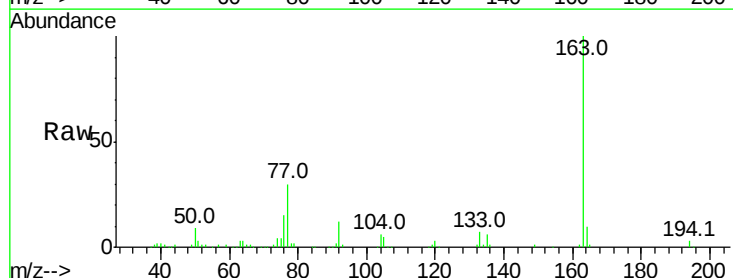
Manual Integrations
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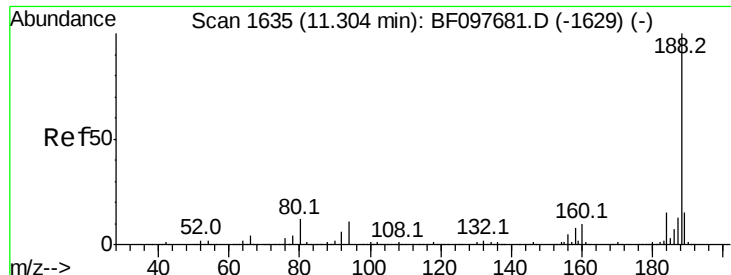
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#49
Dimethylphthalate
Concen: 8.998 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Resp Lower	Upper
163	100		
194	3.2	2.6	4.0
164	10.1	8.4	12.6





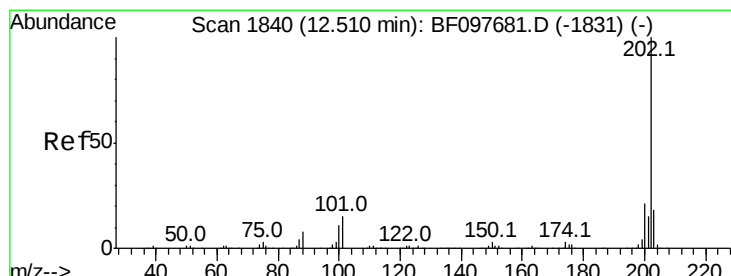
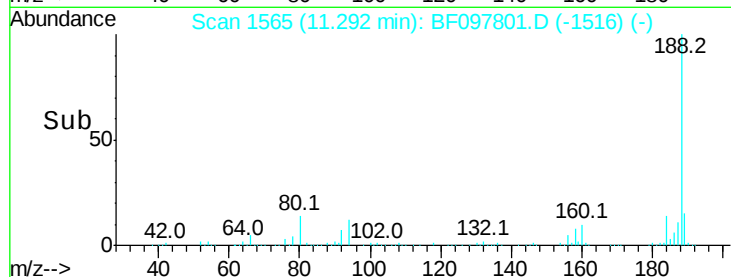
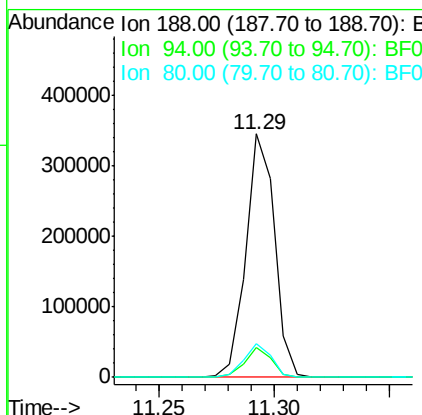
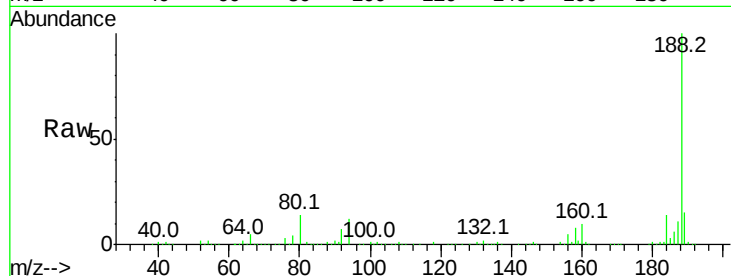
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. -0.01 min
 Lab File: BF097801.D
 Acq: 17 Aug 2017 22:20

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-02

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.4	9.4	14.2	
80	13.6	10.2	15.2	

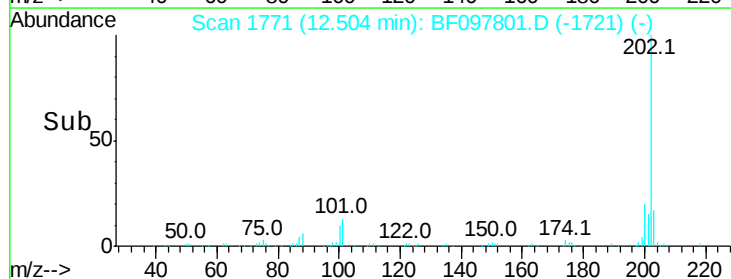
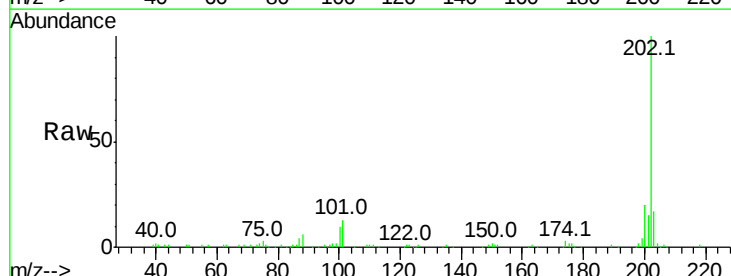
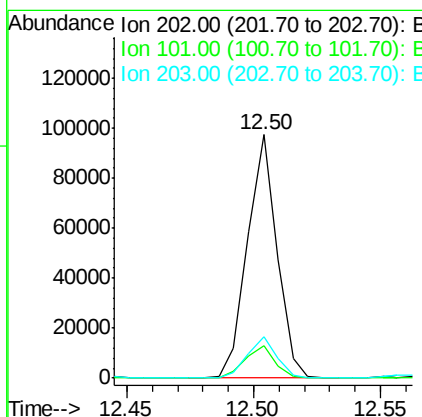
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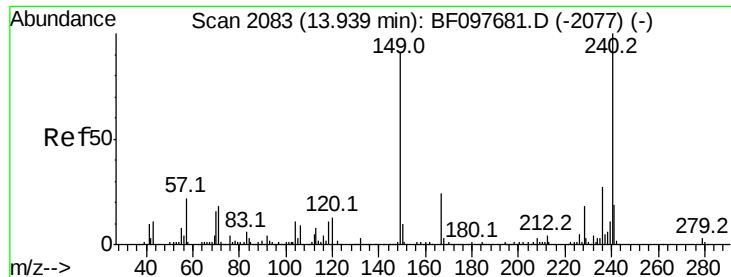
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#74
 Fluoranthene
 Concen: 4.739 ng
 RT: 12.50 min Scan# 1771
 Delta R.T. -0.01 min
 Lab File: BF097801.D
 Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.3	0.0	33.2	
203	17.2	0.0	38.1	





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF097801.D

Acq: 17 Aug 2017 22:20

Instrument :

BNA_F

ClientSampleId :

RUSB-02

Tot Ion:240 Resp: 314975

Ion Ratio Lower Upper

240 100

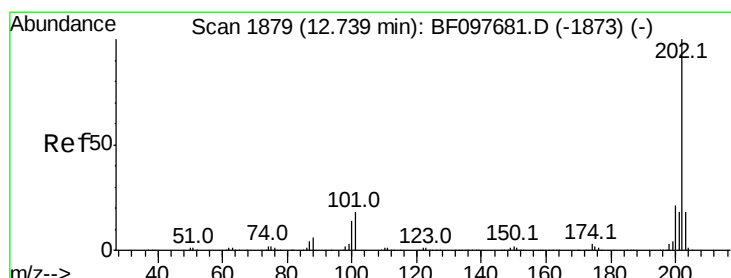
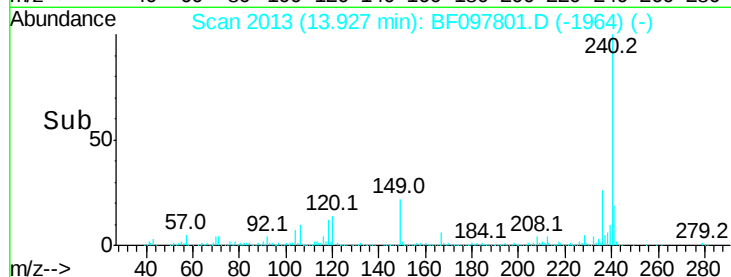
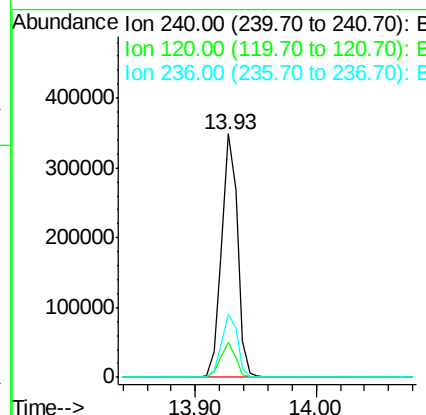
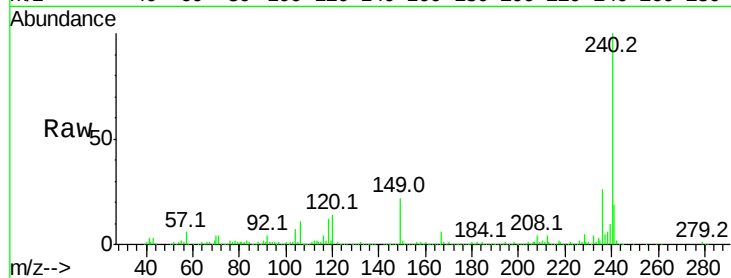
120 14.1 5.8 8.8#

236 26.0 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 3.143 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF097801.D

Acq: 17 Aug 2017 22:20

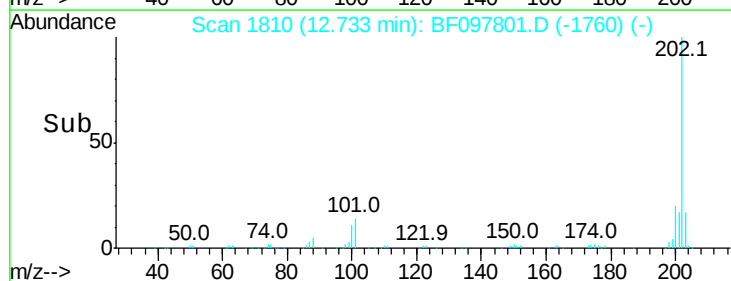
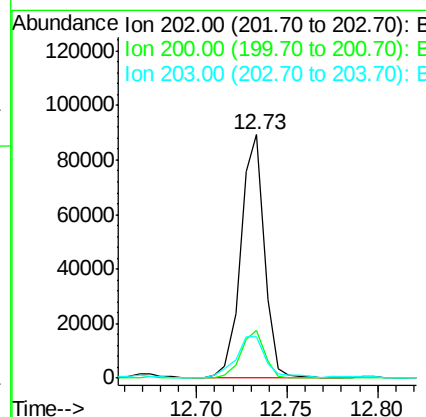
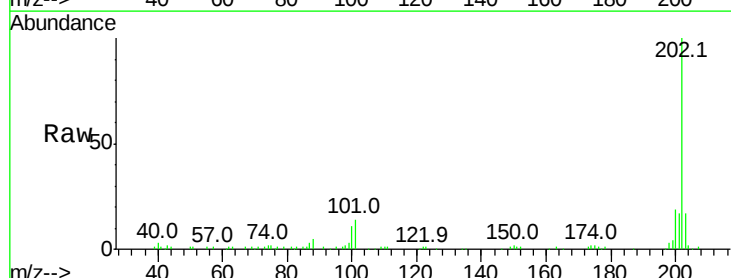
Tgt Ion:202 Resp: 80961

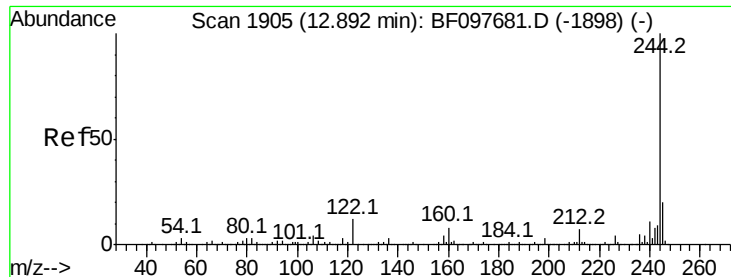
Ion Ratio Lower Upper

202 100

200 19.4 17.6 26.4

203 16.9 14.4 21.6





#78

Terphenyl-d14

Concen: 47.427 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.01 min

Lab File: BF097801.D

Acq: 17 Aug 2017 22:20

Instrument :

BNA_F

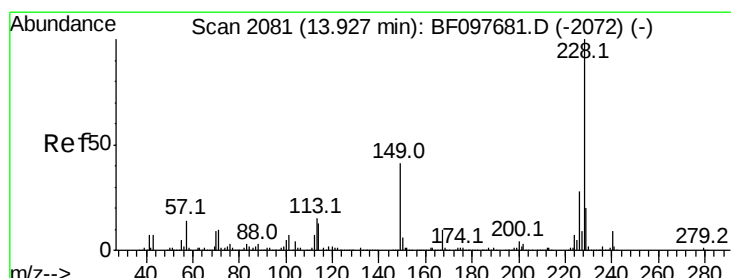
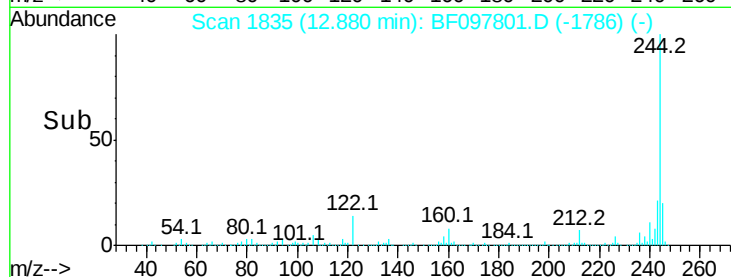
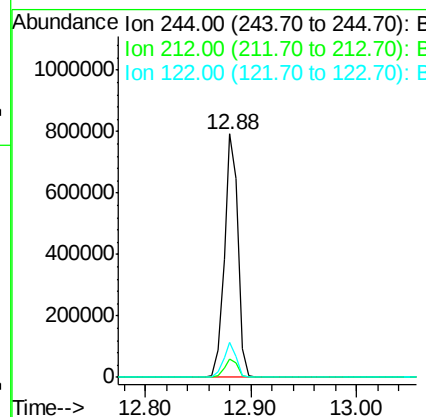
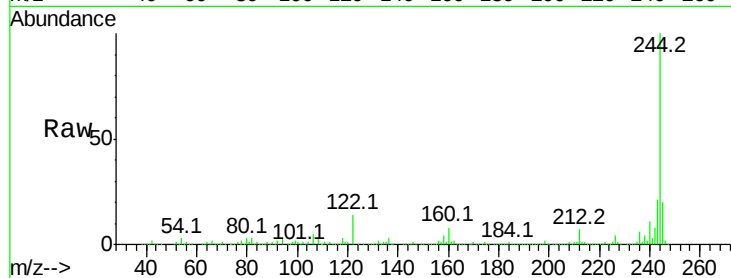
ClientSampled :

RUSB-02

Tot Ion:	244	Resp:	716351
Ion Ratio	Lower	Upper	
244	100		
212	7.4	6.0	9.0
122	14.2	10.3	15.5

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#80

Benzo(a)anthracene

Concen: 3.386 ng m

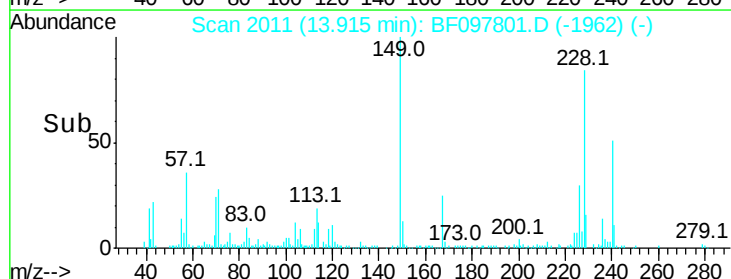
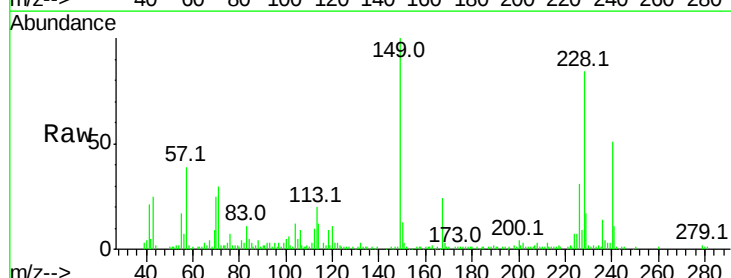
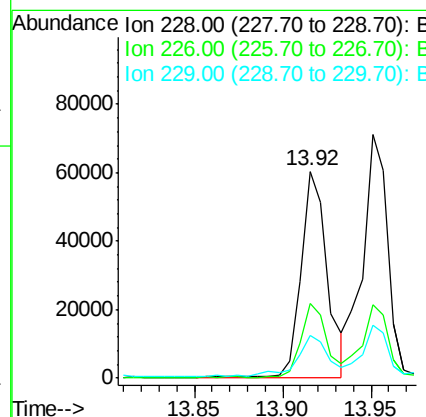
RT: 13.92 min Scan# 2011

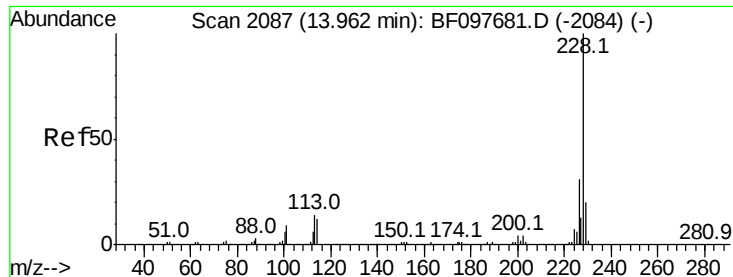
Delta R.T. -0.01 min

Lab File: BF097801.D

Acq: 17 Aug 2017 22:20

Tgt Ion:	228	Resp:	63912
Ion Ratio	Lower	Upper	
228	100		
226	36.3	22.6	33.8#
229	20.4	16.3	24.5





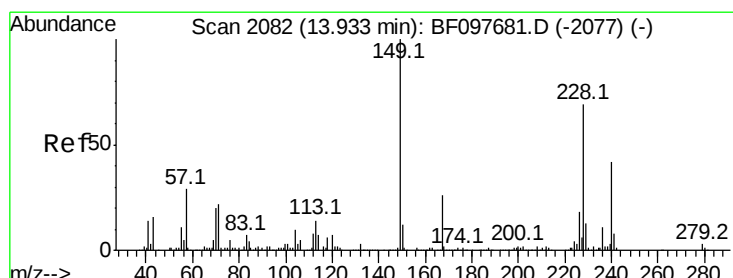
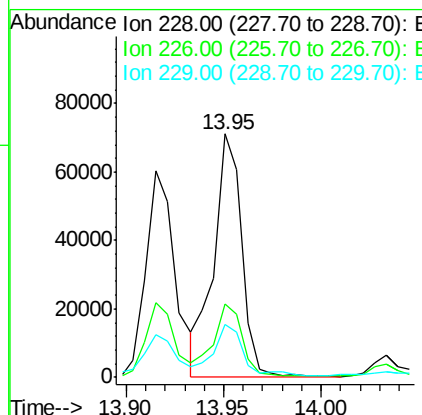
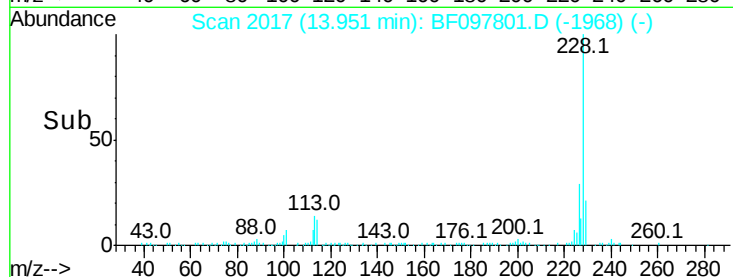
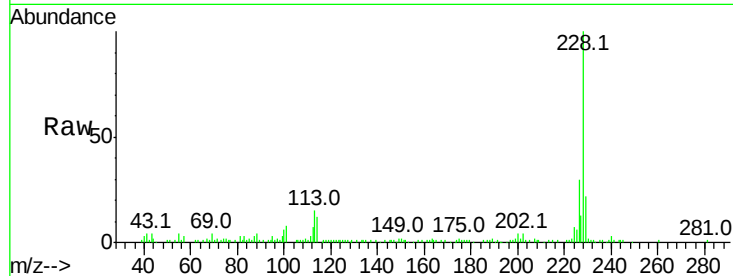
#82
Chrysene
Concen: 3.806 ng
RT: 13.95 min Scan# 2017
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampleId :
RUSB-02

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.9	37.3
229	21.9	15.8	23.6

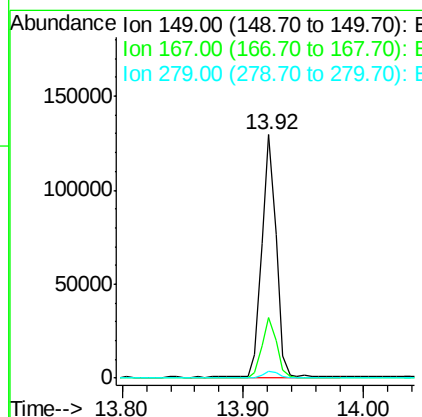
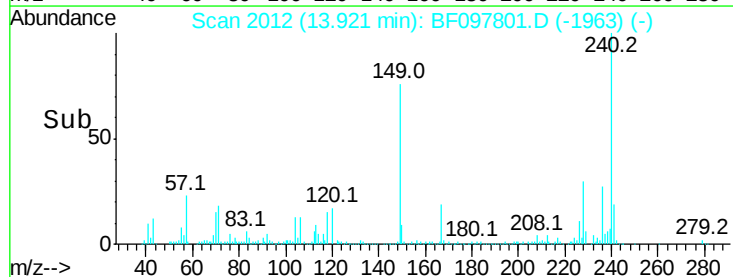
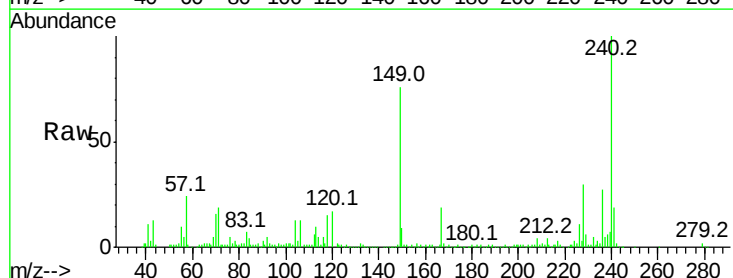
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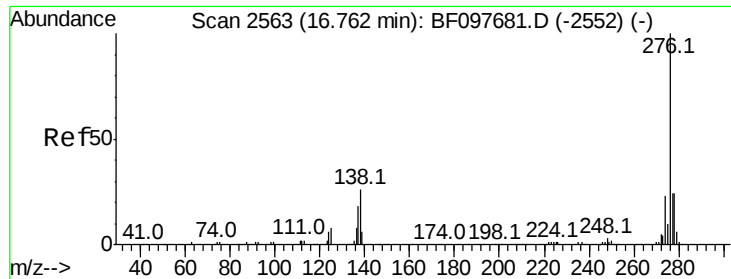
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#83
Bis(2-ethylhexyl)phthalate
Concen: 9.814 ng
RT: 13.92 min Scan# 2012
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.1	21.0	31.4
279	2.9	1.9	2.9





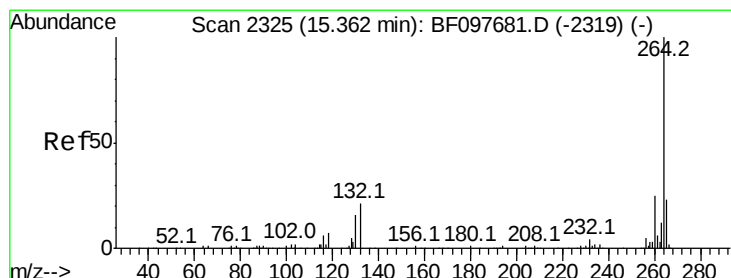
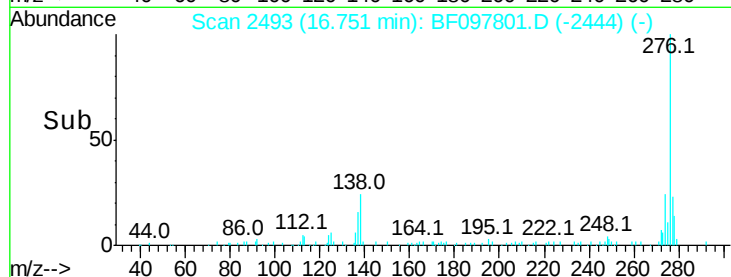
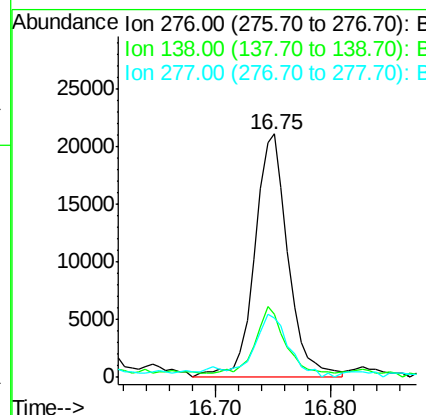
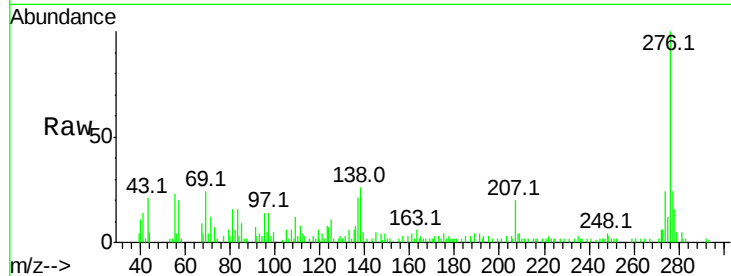
#85
Indeno(1,2,3-cd)pyrene
Concen: 3.082 ng
RT: 16.75 min Scan# 2493
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampled :
RUSB-02

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.3	27.8	41.6#
277	26.4	20.2	30.4

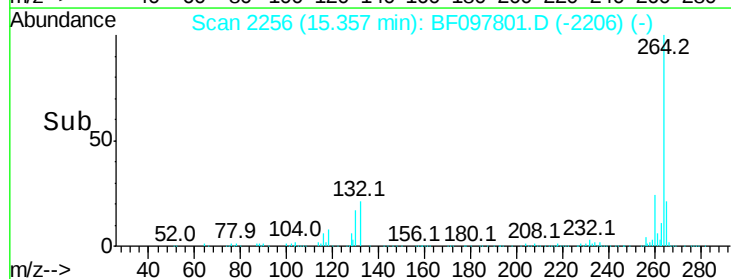
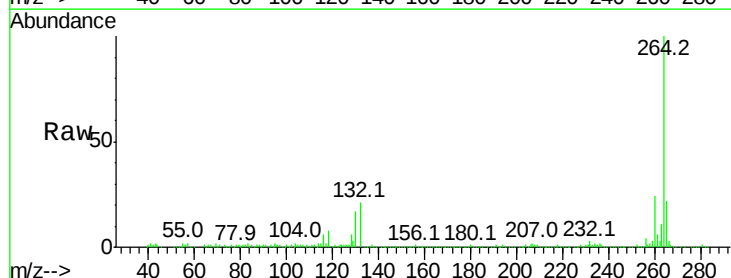
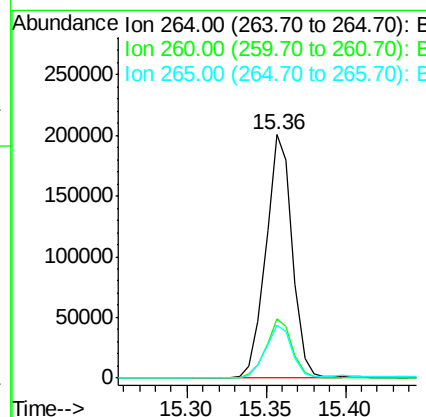
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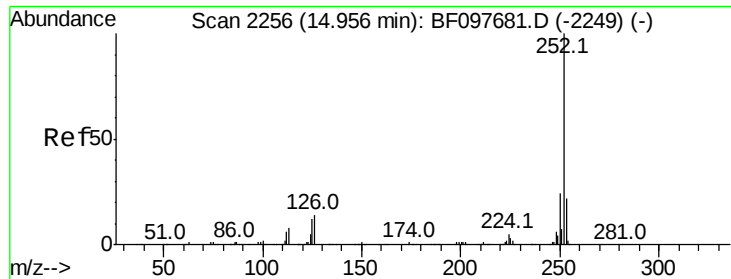
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#86
Perylene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.6	17.2	25.8





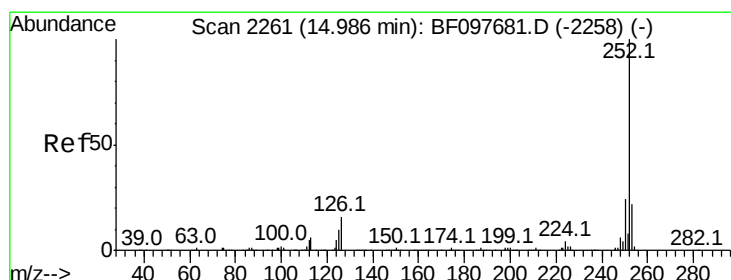
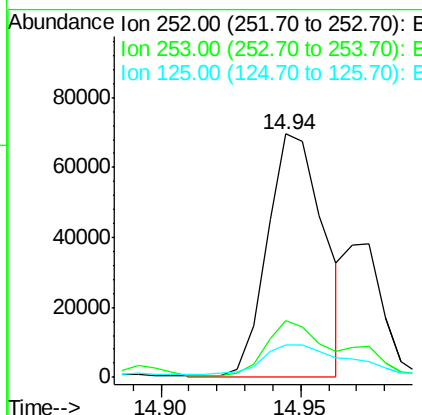
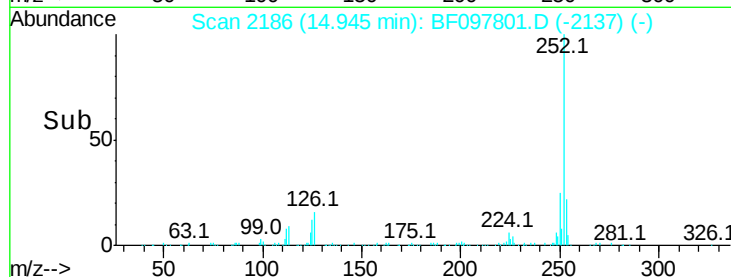
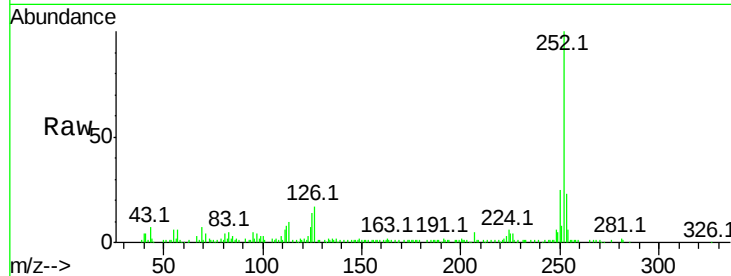
#87
Benzo(b)fluoranthene
Concen: 6.691 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampled :
RUSB-02

Tot Ion:	252	Resp:	98514
Ion Ratio	Lower	Upper	
252	100		
253	23.3	18.1	27.1
125	13.6	9.8	14.8

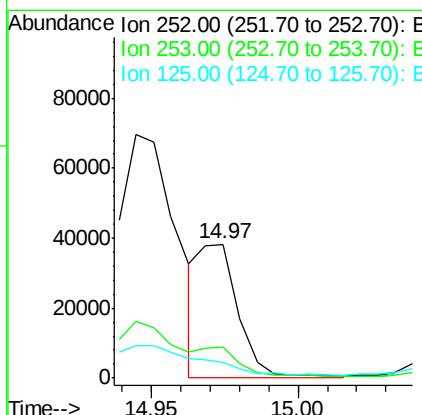
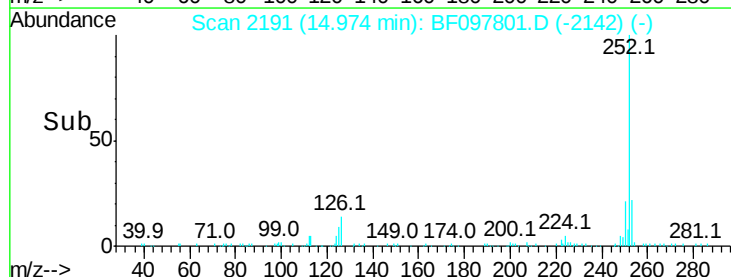
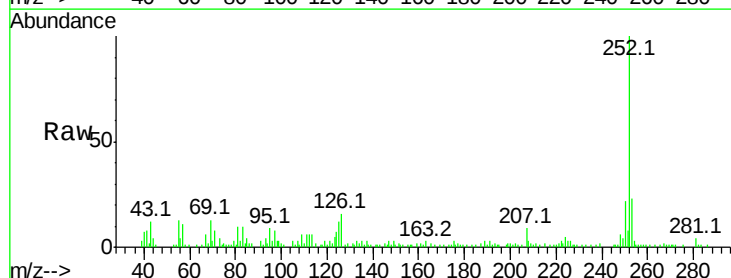
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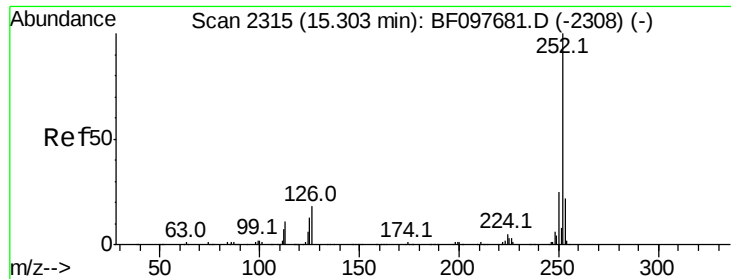
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#88
Benzo(k)fluoranthene
Concen: 2.599 ng m
RT: 14.97 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion:	252	Resp:	35948
Ion Ratio	Lower	Upper	
252	100		
253	22.9	18.4	27.6
125	11.7	13.1	19.7#





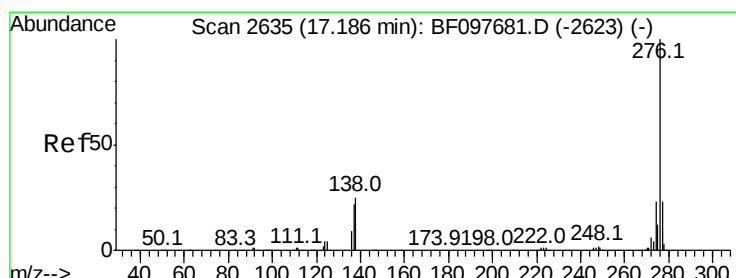
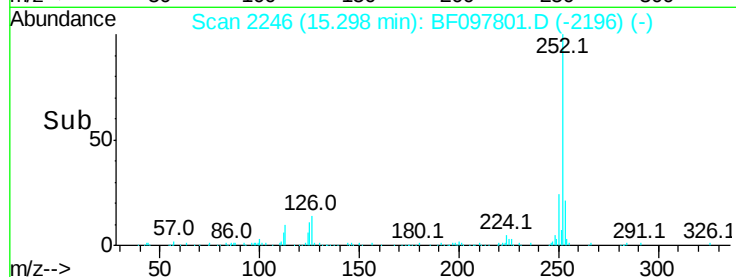
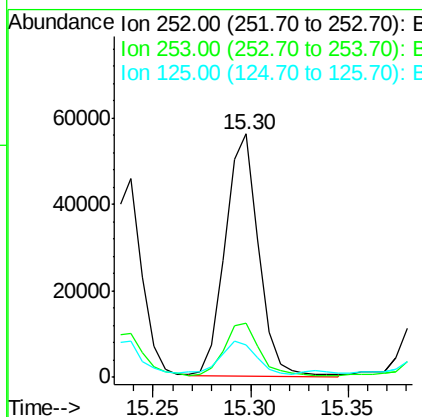
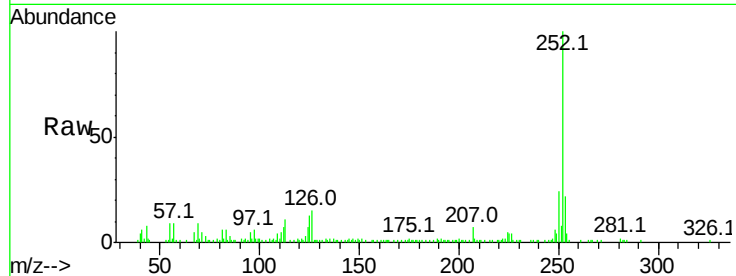
#89
Benzo(a)pyrene
Concen: 5.124 ng
RT: 15.30 min Scan# 2246
Delta R.T. -0.01 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Instrument :
BNA_F
ClientSampleId :
RUSB-02

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.0	17.5	26.3
125	13.2	11.0	16.4

Manual Integrations
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#91
Benzo(g,h,i)perylene
Concen: 3.617 ng
RT: 17.17 min Scan# 2564
Delta R.T. -0.02 min
Lab File: BF097801.D
Acq: 17 Aug 2017 22:20

Tgt Ion	Ratio	Lower	Upper
276	100		
277	26.3	18.6	28.0
138	26.6	25.4	38.0

