

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
 Data File : BF097807.D
 Acq On : 18 Aug 2017 1:09
 Operator : SJ/JU
 Sample : I4761-06
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RUSB-06

Manual Integrations
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Sohil
 8/18/2017 7:02:32 PM

Quant Time: Aug 18 04:24:00 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	142142	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	511329	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	192273	20.00	ng	-0.01
63) Phenanthrene-d10	11.29	188	327665	20.00	ng	-0.01
75) Chrysene-d12	13.93	240	321005	20.00	ng	-0.01
86) Perylene-d12	15.36	264	239415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	799670	85.57	ng	0.00
7) Phenol-d6	6.40	99	1064174	83.81	ng	0.00
23) Nitrobenzene-d5	7.34	82	622117	66.09	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	134471	80.60	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	862096	65.87	ng	-0.01
78) Terphenyl-d14	12.88	244	661766	42.99	ng	-0.01
Target Compounds						
10) Phenol	6.42	94	36571	2.463	ng	97
49) Dimethylphthalate	9.53	163	103670	7.376	ng	98
74) Fluoranthene	12.50	202	49543	2.718	ng	97
87) Benzo(b)fluoranthene	14.94	252	33385m	2.212	ng	

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

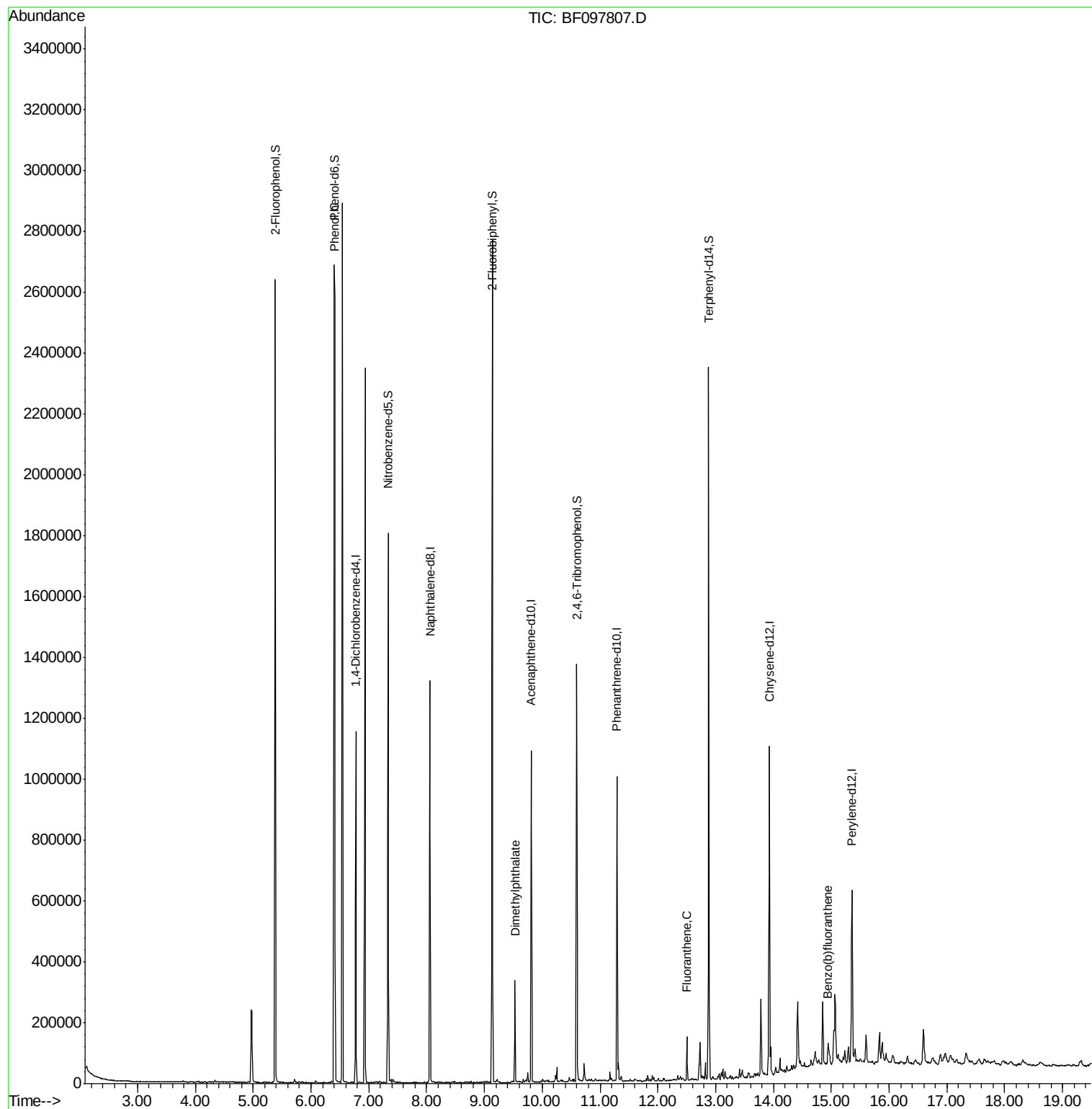
Data Path : Z:\HPCHEM1\BNA F\DATA\BF081717\
Data File : BF097807.D
Acq On : 18 Aug 2017 1:09
Operator : SJ/JU
Sample : I4761-06
Misc :
ALS Vial : 23 Sample Multiplier: 1

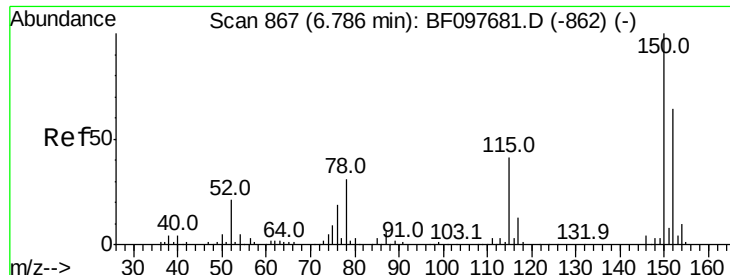
Instrument :
BNA_F
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RUSB-06

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#1

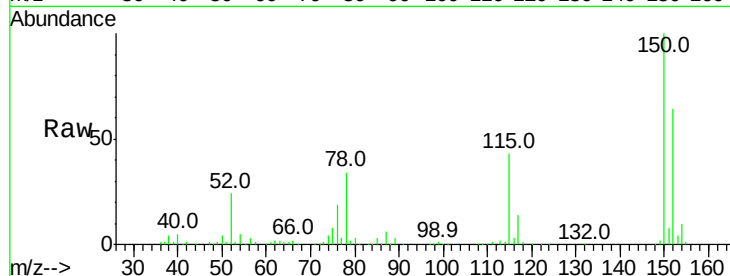
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Instrument :
BNA_F
ClientSampled :
RUSB-06

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	126.2	189.2
115	67.1	52.2	78.2

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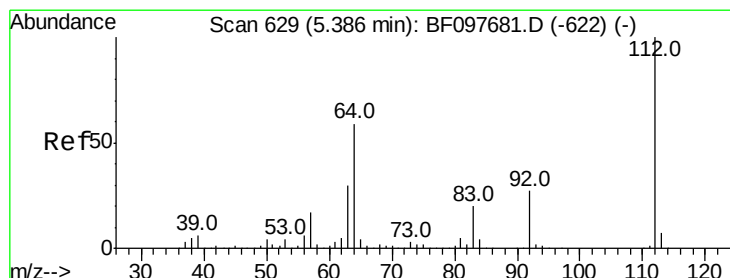
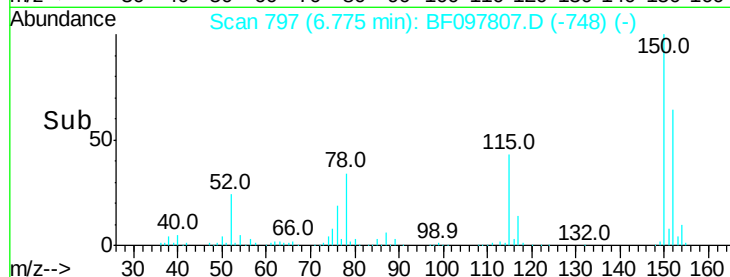
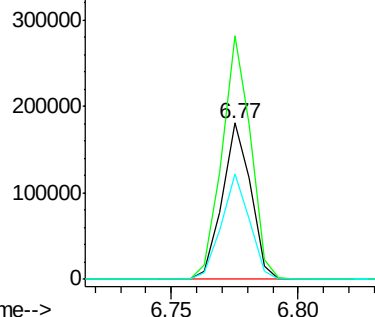


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

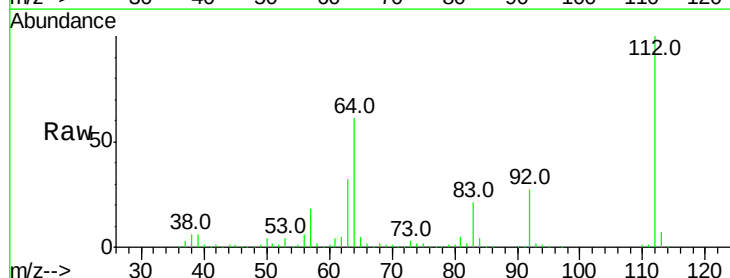
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 85.573 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.3	46.0	69.0
63	31.8	23.4	35.0

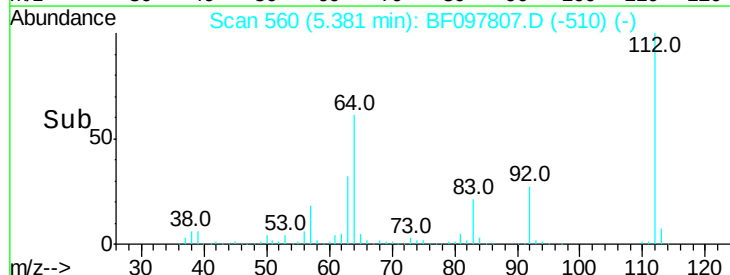
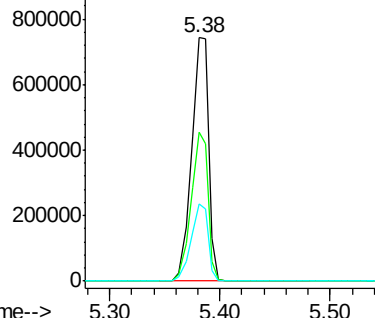


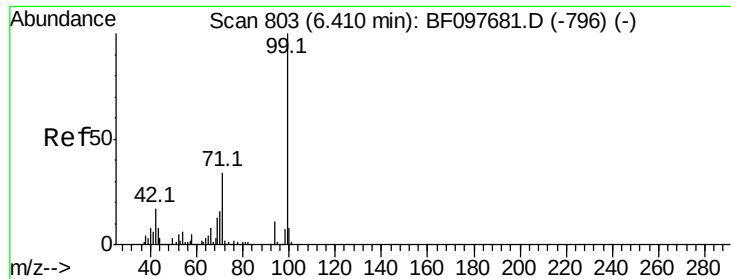
Abundance

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: 83.813 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097807.D

Acq: 18 Aug 2017 1:09

Instrument :

BNA_F

ClientSampled :

RUSB-06

Tot Ion: 99 Resp: 1064174

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

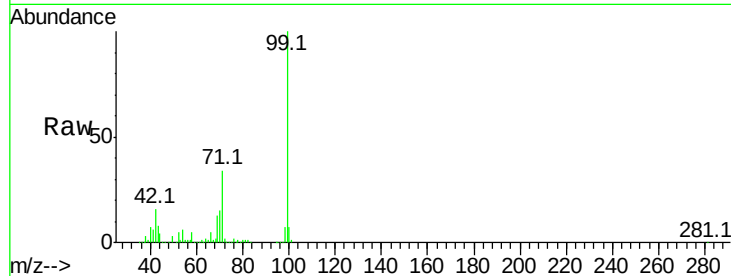
71 33.9 24.5 36.7

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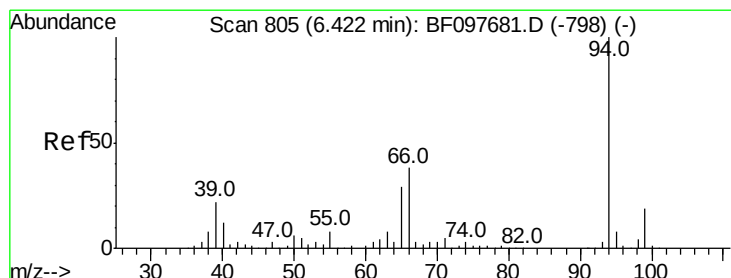
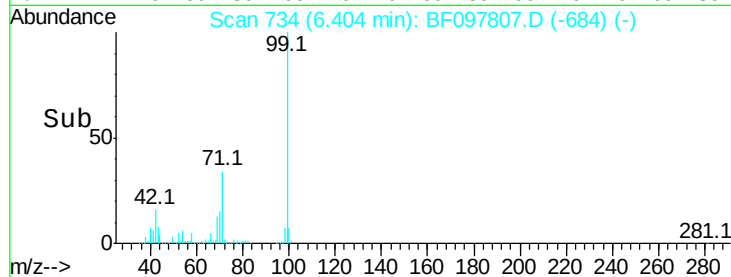
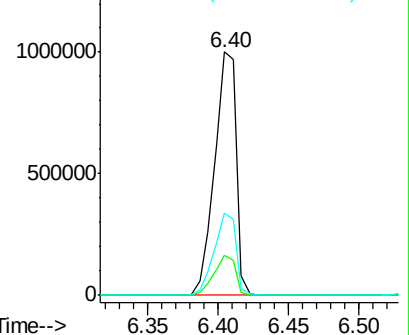
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Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.463 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF097807.D

Acq: 18 Aug 2017 1:09

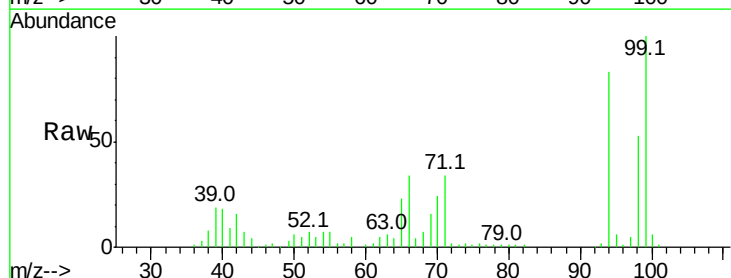
Tgt Ion: 94 Resp: 36571

Ion Ratio Lower Upper

94 100

65 28.3 9.9 49.9

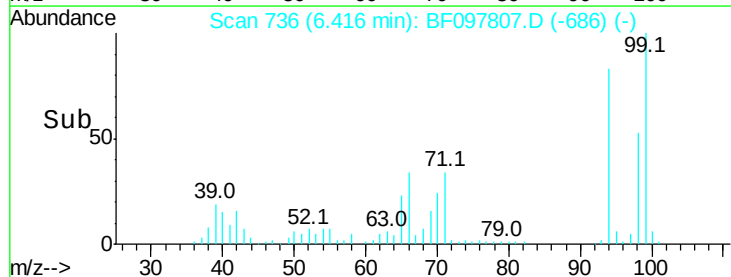
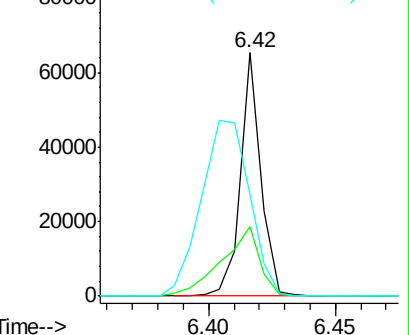
66 41.5 23.1 63.1

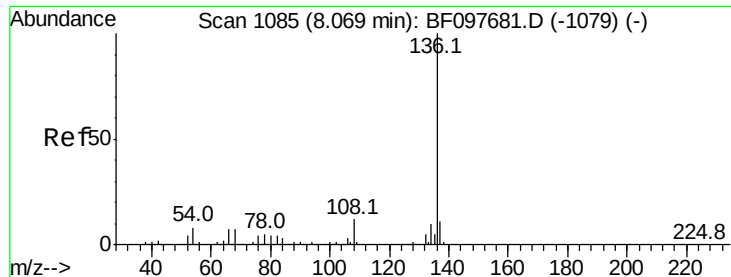


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0





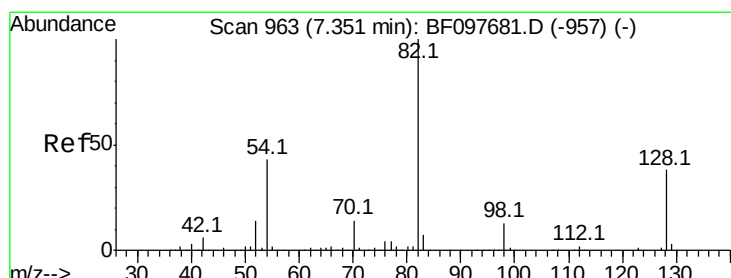
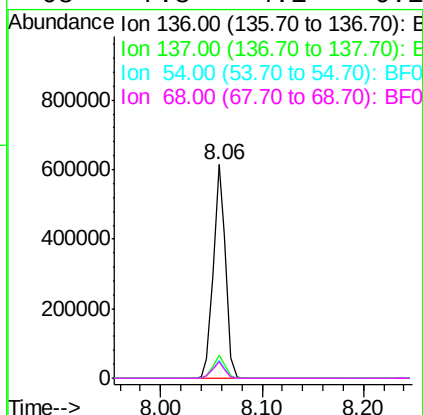
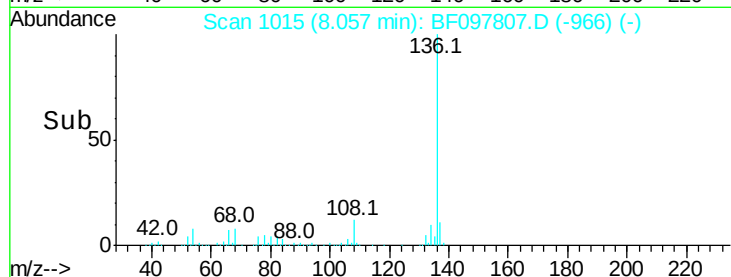
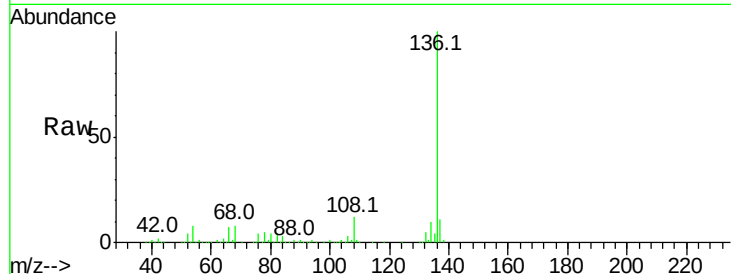
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.06 min Scan# 1015
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Instrument :
BNA_F
ClientSampleId :
RUSB-06

Tot Ion	Ratio	Resp	Lower	Upper
136	100	511329		
137	10.9	8.5	12.7	
54	8.2	4.9	7.3#	
68	7.8	4.1	6.1#	

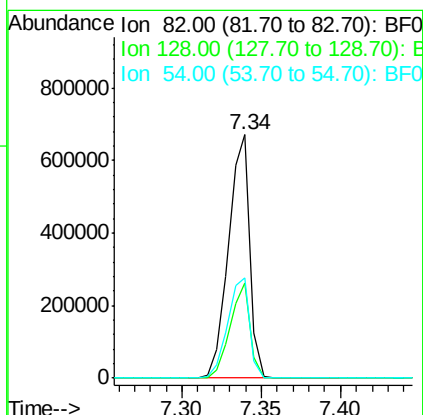
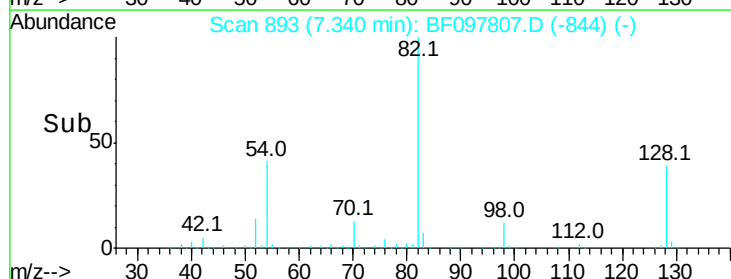
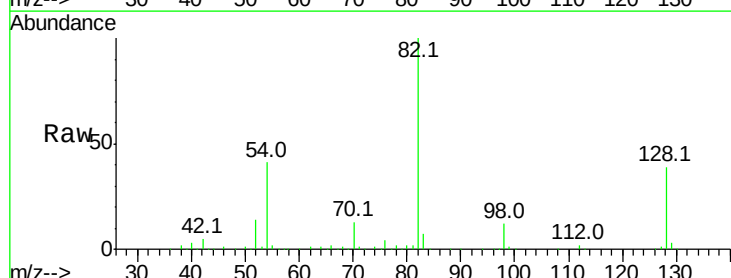
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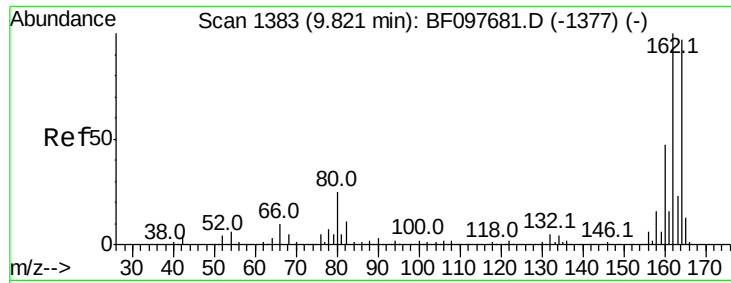
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#23
Nitrobenzene-d5
Concen: 66.095 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	622117		
128	38.8	34.0	51.0	
54	41.0	42.2	63.2#	





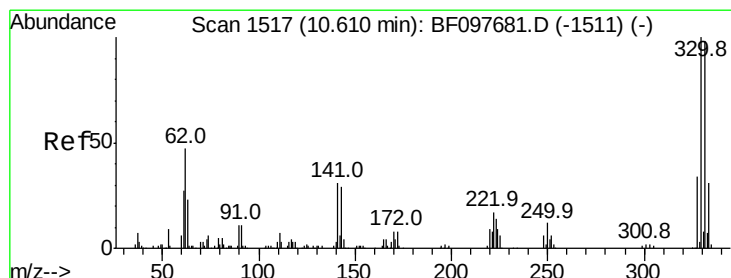
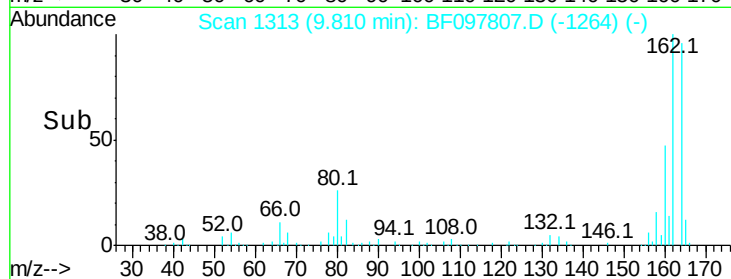
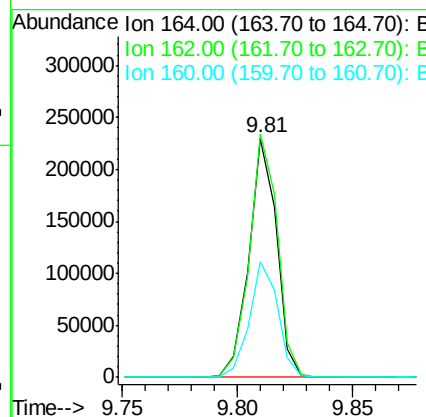
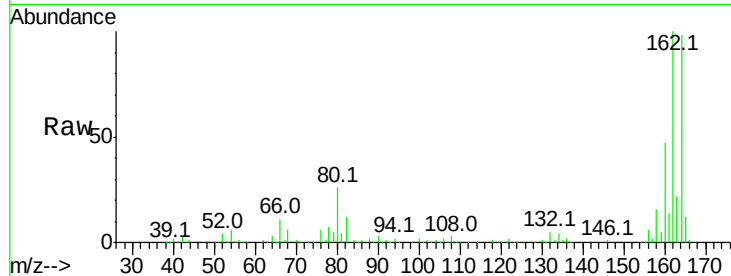
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.81 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Instrument :
BNA_F
ClientSampleId :
RUSB-06

Tot Ion	Ratio	Resp	Lower	Upper
164	100	192273		
162	102.0	82.6	123.8	
160	48.2	36.2	54.2	

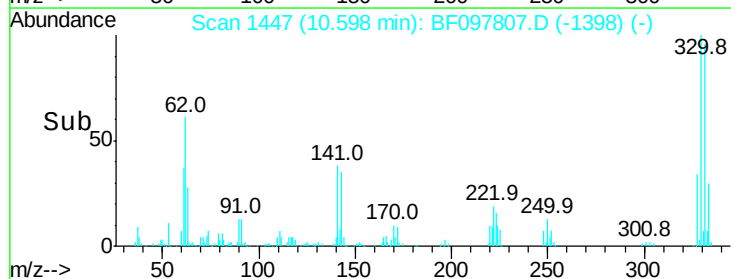
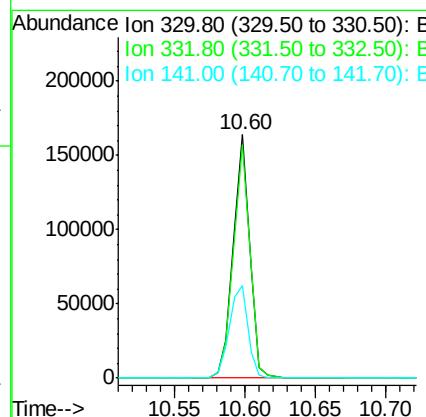
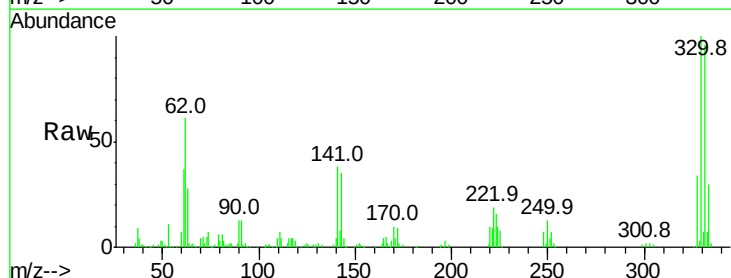
Manual Integrations
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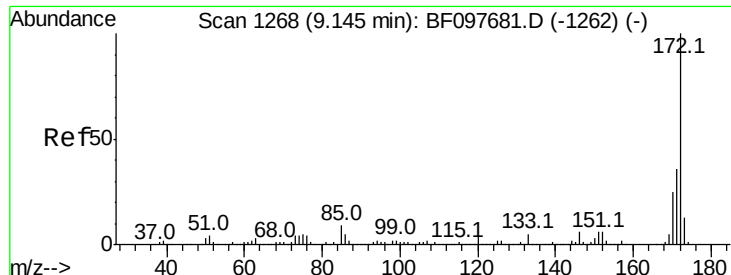
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#41
2,4,6-Tribromophenol
Concen: 80.604 ng
RT: 10.60 min Scan# 1447
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	134471		
332	96.1	76.6	115.0	
141	43.0	31.4	47.2	





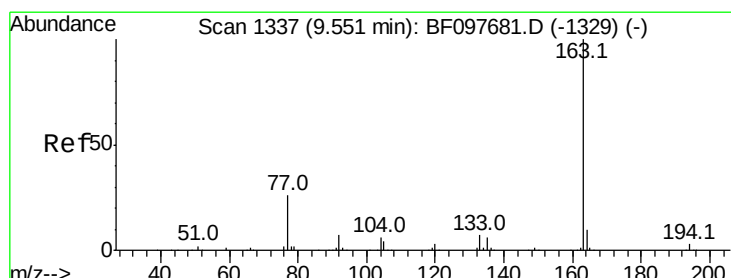
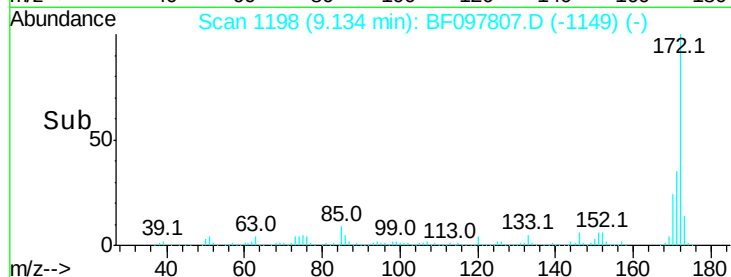
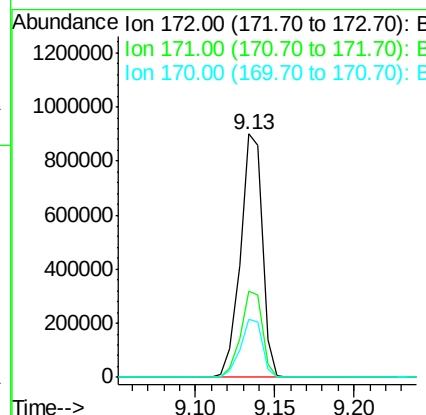
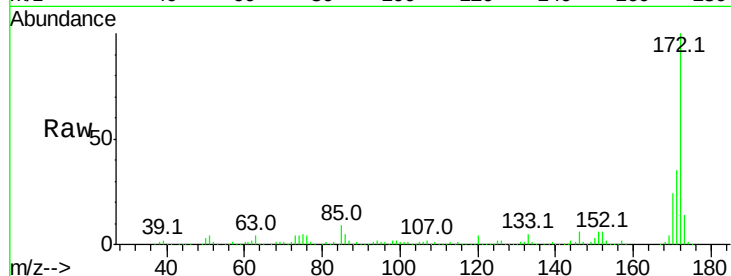
#44
2-Fluorobiphenyl
Concen: 65.875 ng
RT: 9.13 min Scan# 1198
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Instrument :
BNA_F
ClientSampleId :
RUSB-06

Tot Ion	Ratio	Resp	Lower	Upper
172	100	862096		
171	35.2		29.6	44.4
170	23.8		19.8	29.8

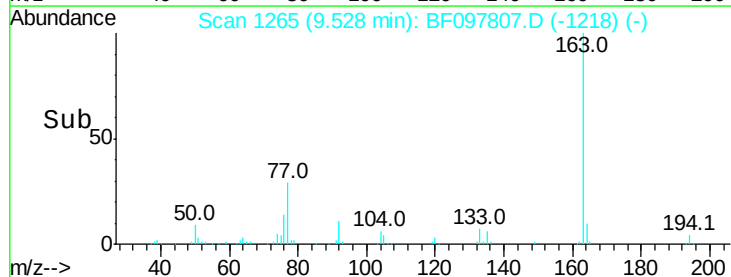
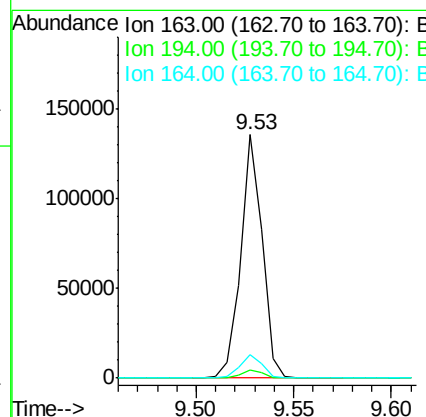
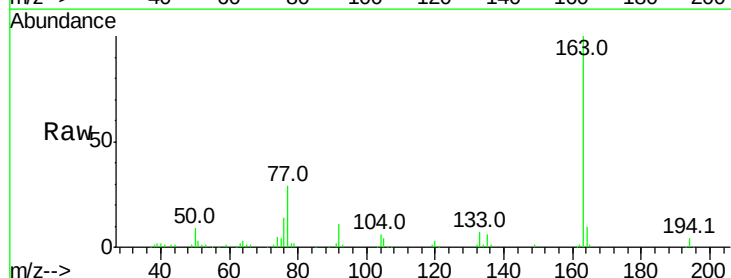
Manual Integrations
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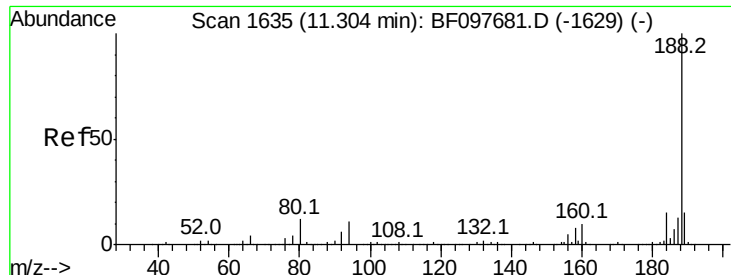
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#49
Dimethylphthalate
Concen: 7.376 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.02 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	103670		
194	3.5		2.6	4.0
164	9.7		8.4	12.6





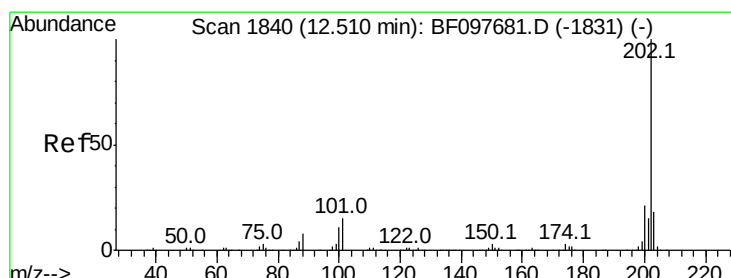
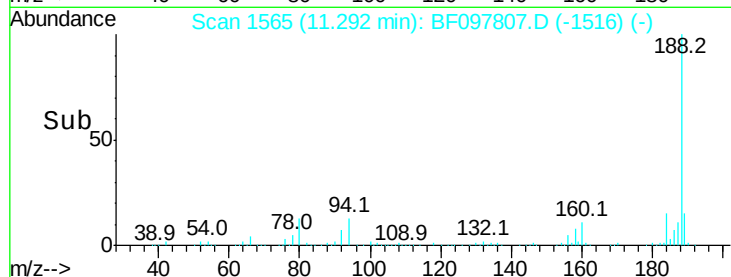
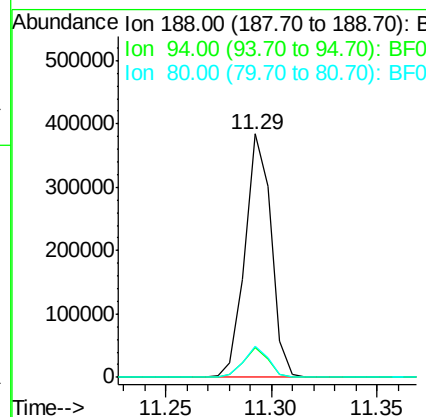
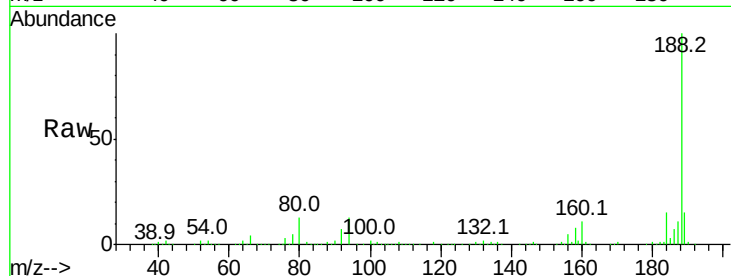
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Instrument :
BNA_F
ClientSampled :
RUSB-06

Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.5	9.4	14.2
80	13.0	10.2	15.2

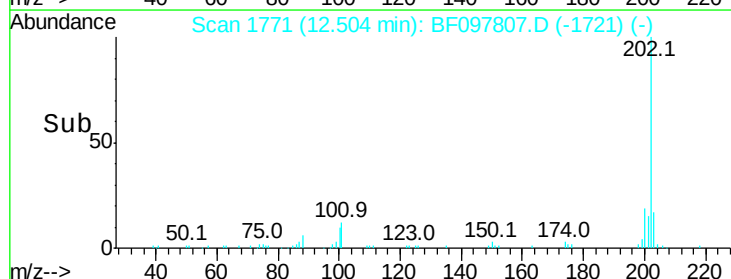
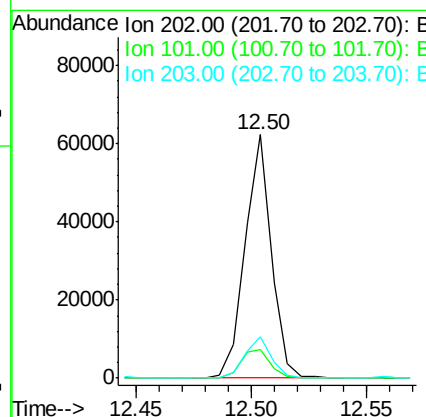
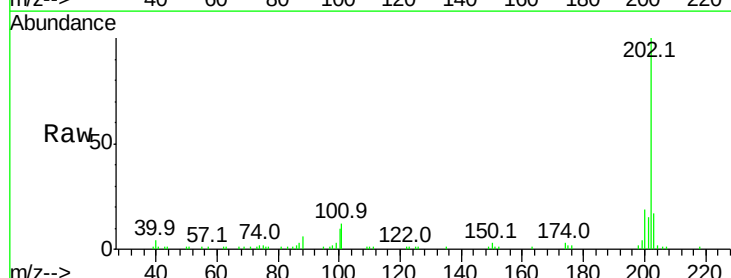
Manual Integrations
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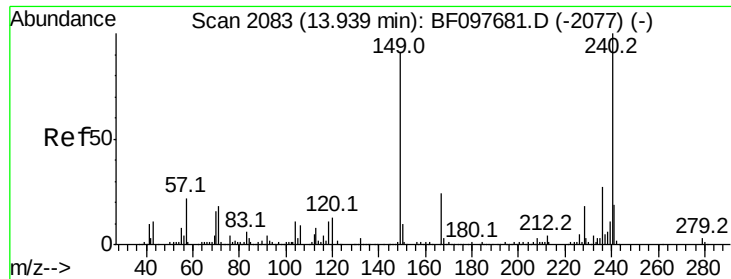
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#74
Fluoranthene
Concen: 2.718 ng
RT: 12.50 min Scan# 1771
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	11.9	0.0	33.2
203	16.8	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: BF097807.D

Acq: 18 Aug 2017 1:09

Instrument :

BNA_F

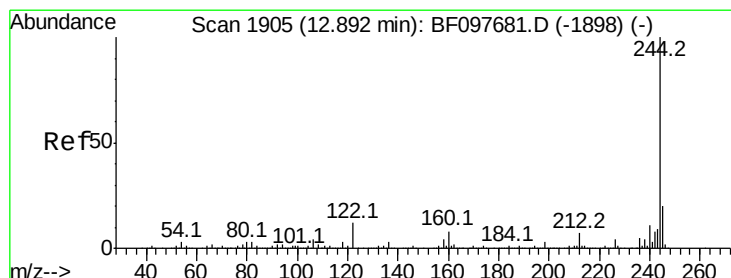
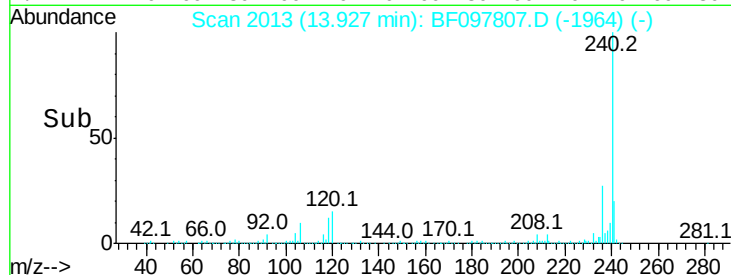
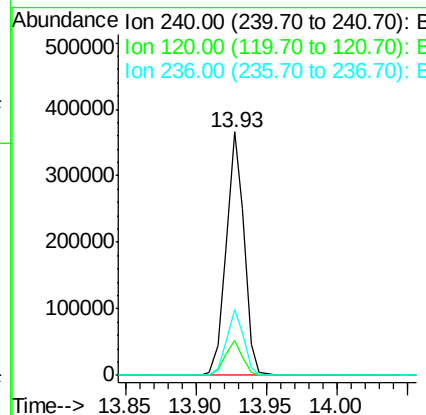
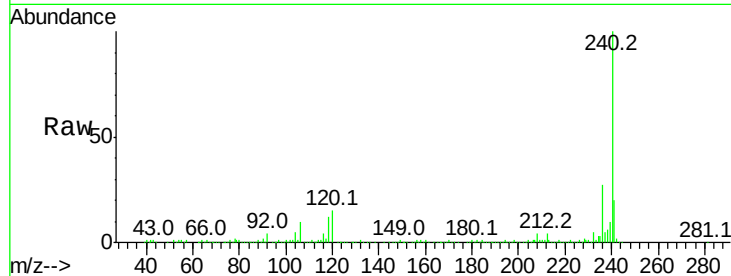
ClientSampled :

RUSB-06

Tot Ion	Ratio	Resp	Lower	Upper
240	100	321005		
120	14.6	5.8	8.8#	
236	27.0	20.5	30.7	

Manual Integrations
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#78

Terphenyl-d14

Concen: 42.990 ng

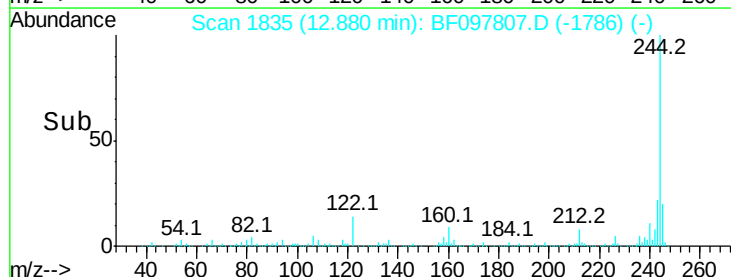
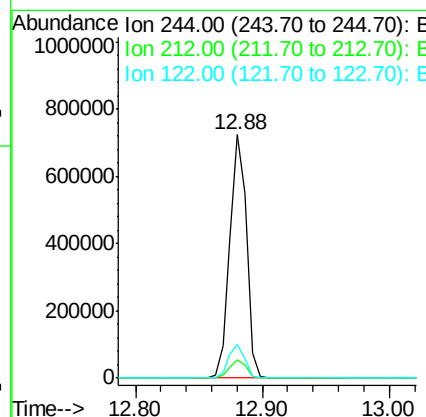
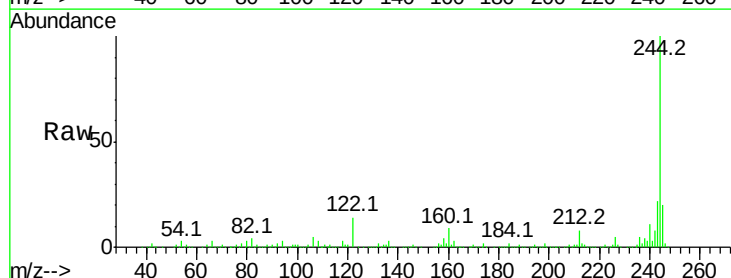
RT: 12.88 min Scan# 1835

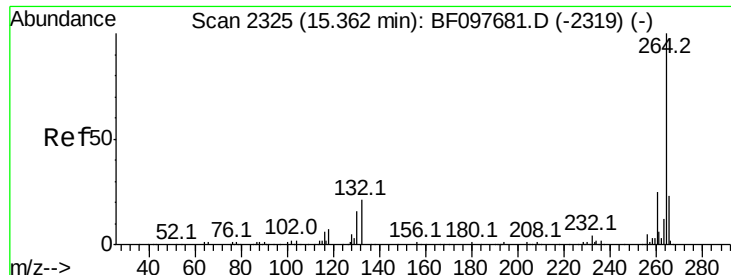
Delta R.T. -0.01 min

Lab File: BF097807.D

Acq: 18 Aug 2017 1:09

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	661766		
212	7.7	6.0	9.0	
122	14.0	10.3	15.5	





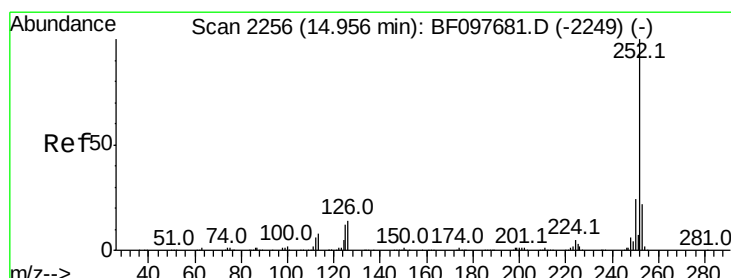
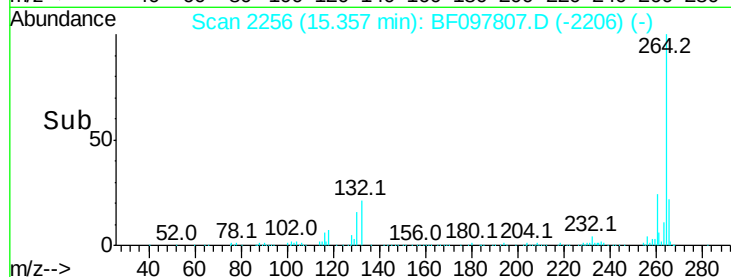
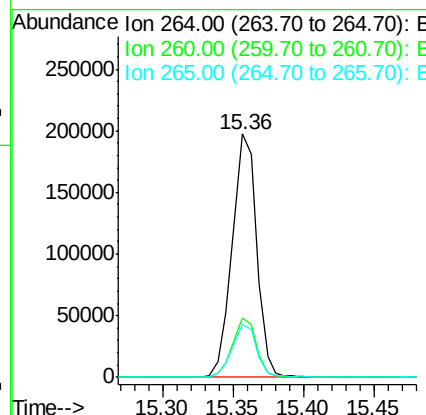
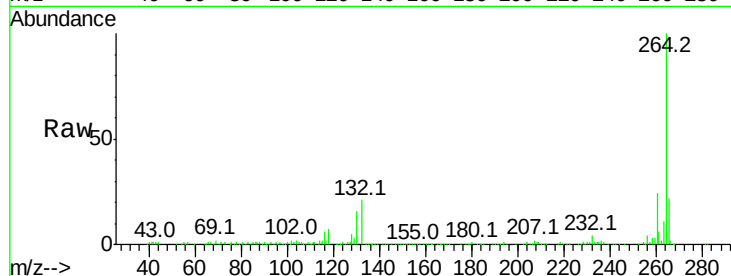
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.36 min Scan# 2256
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Instrument :
BNA_F
ClientSampled :
RUSB-06

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	24.2	19.5	29.3
265	21.7	17.2	25.8

Manual Integrations
APPROVED

Sohil
8/18/2017 7:02:32 PM



#87
Benzo(b)fluoranthene
Concen: 2.212 ng m
RT: 14.94 min Scan# 2186
Delta R.T. -0.01 min
Lab File: BF097807.D
Acq: 18 Aug 2017 1:09

Tgt Ion	Ratio	Resp Lower	Upper
252	100		
253	25.1	18.1	27.1
125	14.7	9.8	14.8

