

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097338.D
 Acq On : 4 Aug 2017 1:16
 Operator : SJ/JU
 Sample : I4562-19 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-G

Manual Integrations
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Sohil
 8/4/2017 5:30:56 PM

Quant Time: Aug 04 02:34:20 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	90723	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	376738	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	135862	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	215299	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	173132	20.00	ng	-0.06
86) Perylene-d12	14.90	264	116564	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	114764	19.07	ng	-0.05
7) Phenol-d6	6.12	99	161023	23.44	ng	-0.05
23) Nitrobenzene-d5	7.02	82	81293	12.66	ng	-0.06
41) 2,4,6-Tribromophenol	10.26	330	20506	19.10	ng	-0.06
44) 2-Fluorobiphenyl	8.80	172	143866	17.97	ng	-0.06
78) Terphenyl-d14	12.52	244	103565	12.20	ng	-0.06
Target Compounds						
74) Fluoranthene	12.14	202	44831	3.967	ng	Qvalue 98
77) Pyrene	12.37	202	46199	3.259	ng	97
87) Benzo(b)fluoranthene	14.56	252	18713m	2.671	ng	
89) Benzo(a)pyrene	14.86	252	12922	2.015	ng	# 67

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

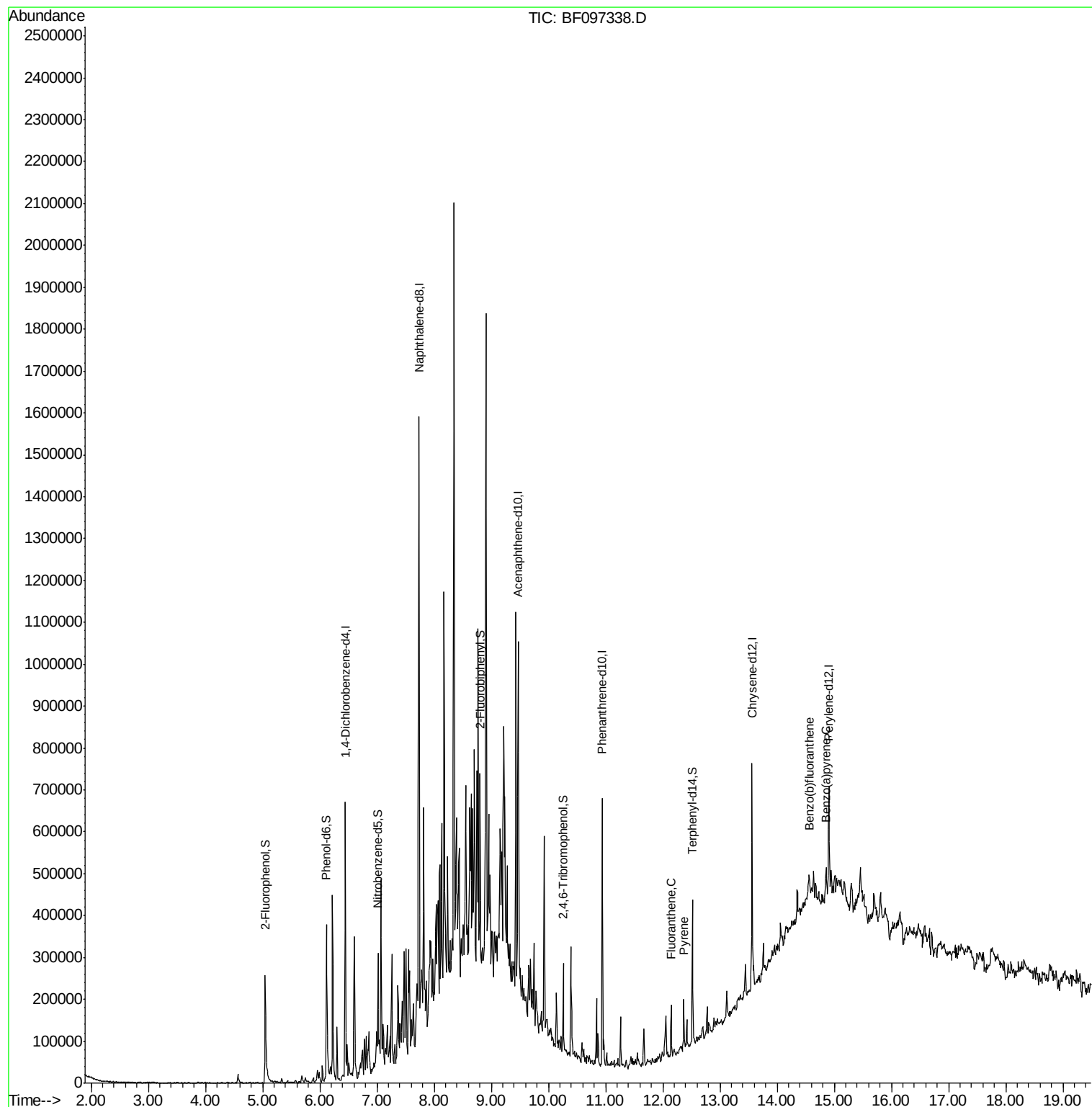
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097338.D
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Sample : I4562-19 2X
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ALS Vial : 18 Sample Multiplier: 1

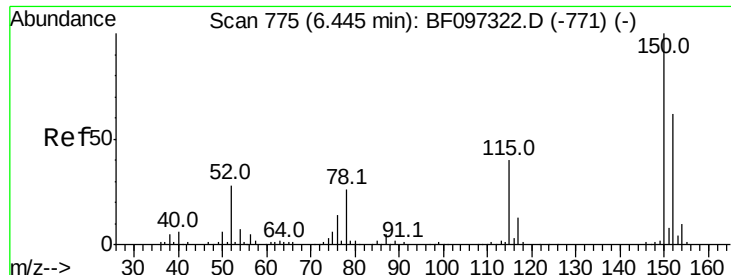
Instrument :
BNA_F
ClientSampleId :
JC-02-080117-G

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Quant Time: Aug 04 02:34:20 2017
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QLast Update : Fri Aug 04 01:17:22 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.45 min Scan# 775

Delta R.T. -0.05 min

Lab File: BF097338.D

Acq: 4 Aug 2017 1:16

Instrument :

BNA_F

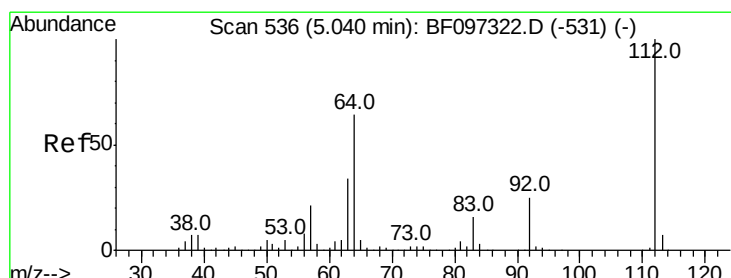
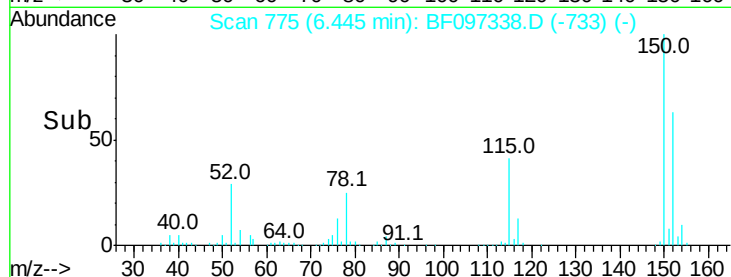
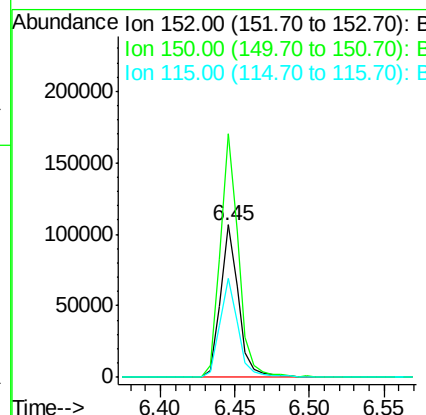
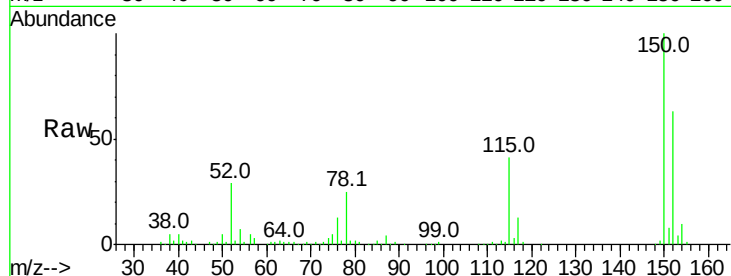
ClientSampleId :

JC-02-080117-G

Tot Ion:	152	Resp:	90723
Ion Ratio	Lower	Upper	
152	100		
150	159.8	126.2	189.2
115	64.8	52.2	78.2

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#5

2-Fluorophenol

Concen: 19.070 ng

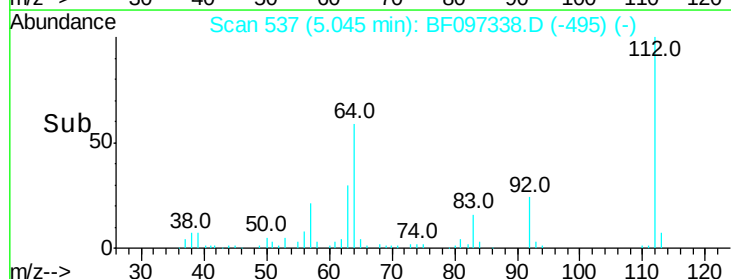
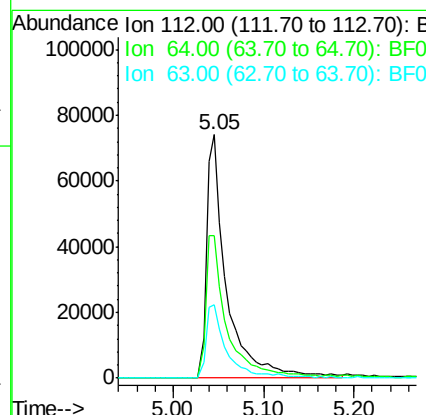
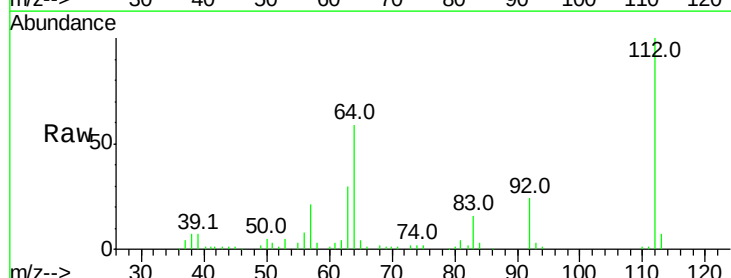
RT: 5.05 min Scan# 537

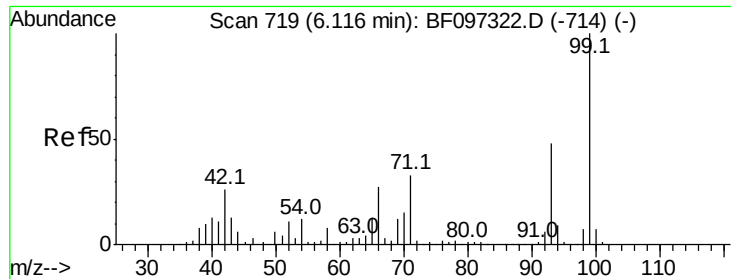
Delta R.T. -0.05 min

Lab File: BF097338.D

Acq: 4 Aug 2017 1:16

Tgt Ion:	112	Resp:	114764
Ion Ratio	Lower	Upper	
112	100		
64	58.7	46.0	69.0
63	30.0	23.4	35.0





#7

Phenol-d6

Concen: 23.437 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097338.D

Acq: 4 Aug 2017 1:16

Instrument :

BNA_F

ClientSampleId :

JC-02-080117-G

Tot Ion: 99 Resp: 161023

Ion Ratio Lower Upper

99 100

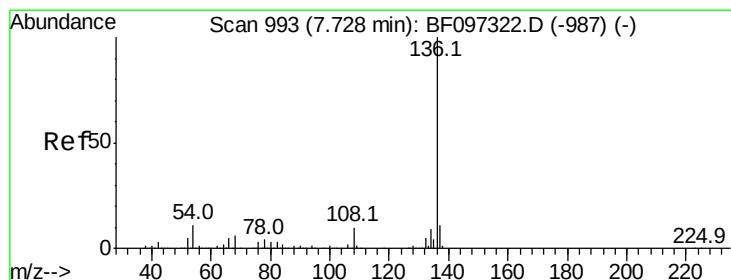
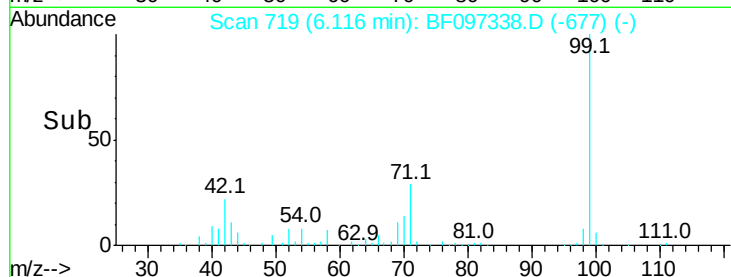
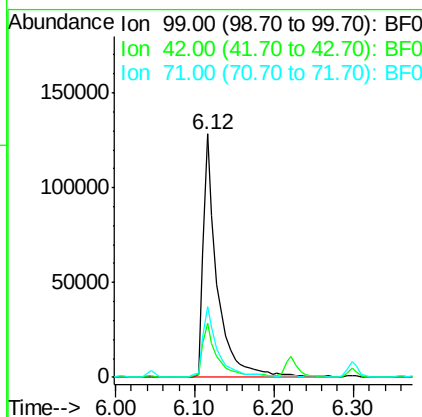
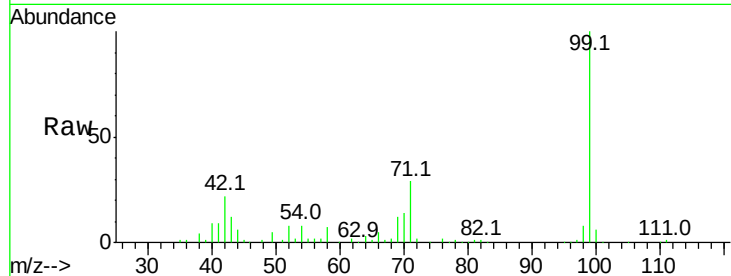
42 22.3 13.5 20.3#

71 28.9 24.5 36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.73 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF097338.D

Acq: 4 Aug 2017 1:16

Tgt Ion: 136 Resp: 376738

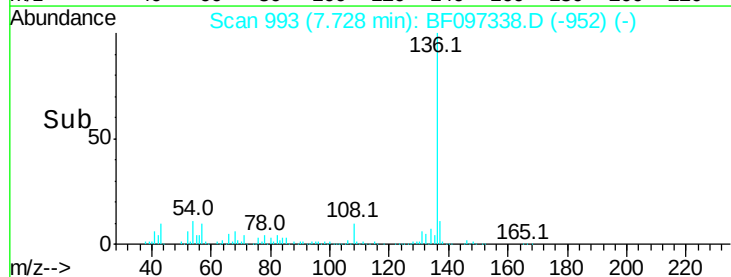
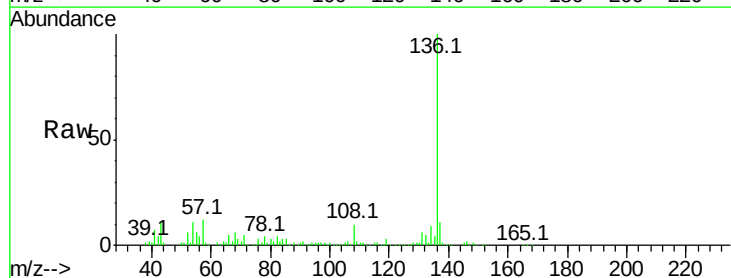
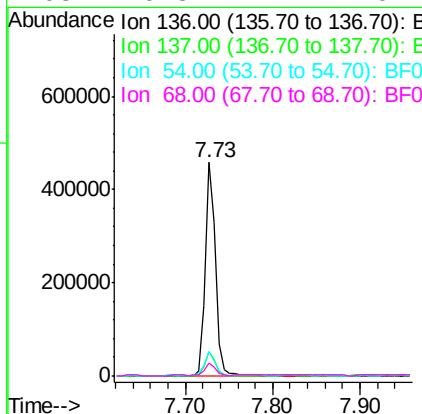
Ion Ratio Lower Upper

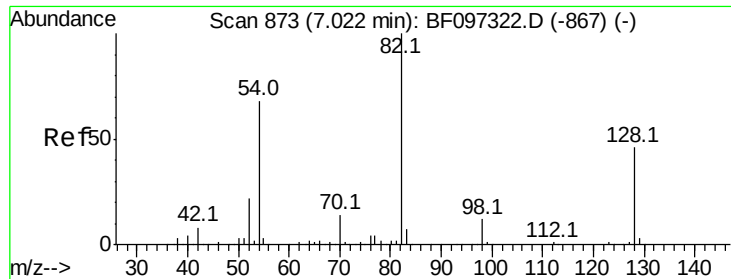
136 100

137 11.2 8.5 12.7

54 11.3 4.9 7.3#

68 6.3 4.1 6.1#





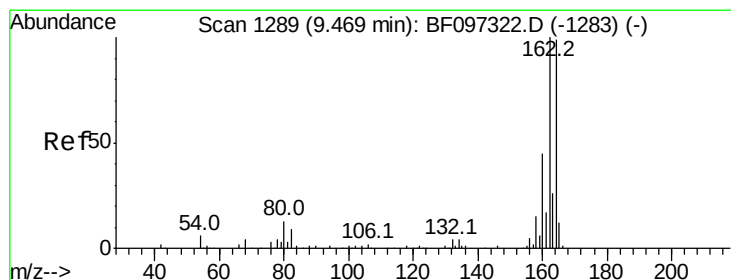
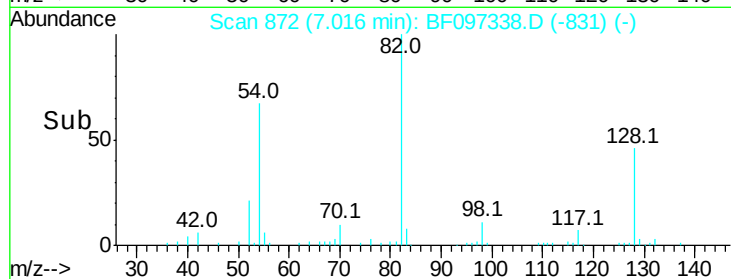
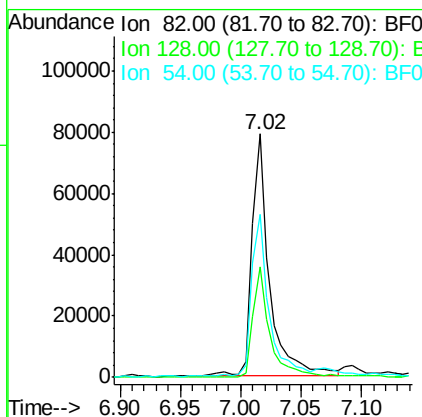
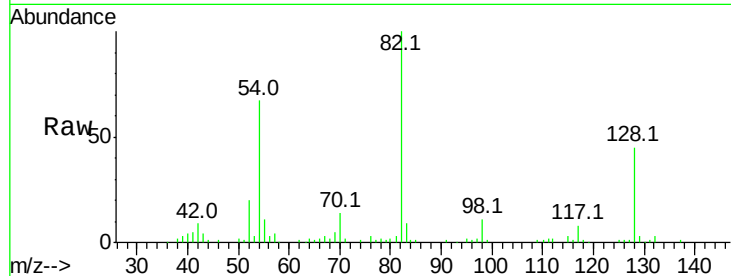
#23
Nitrobenzene-d5
Concen: 12.659 ng
RT: 7.02 min Scan# 872
Delta R.T. -0.06 min
Lab File: BF097338.D
Acq: 4 Aug 2017 1:16

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-G

Tot Ion	Ratio	Lower	Upper
82	100		
128	45.5	34.0	51.0
54	67.0	42.2	63.2

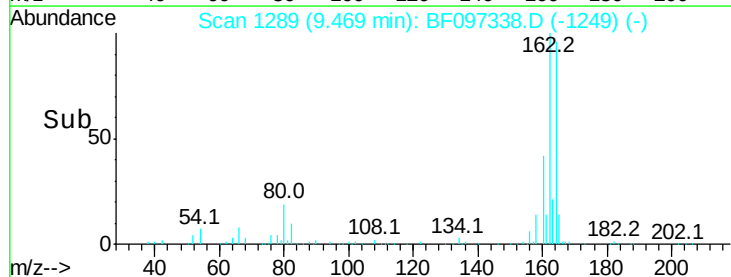
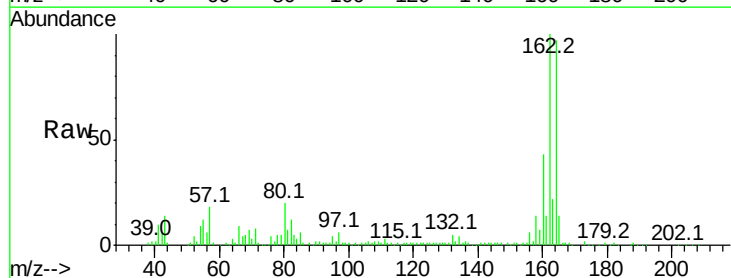
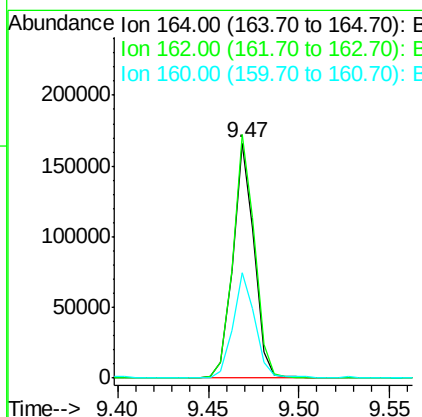
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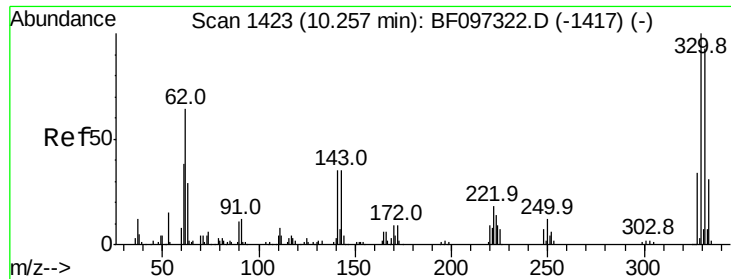
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.47 min Scan# 1289
Delta R.T. -0.06 min
Lab File: BF097338.D
Acq: 4 Aug 2017 1:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.5	82.6	123.8
160	45.0	36.2	54.2





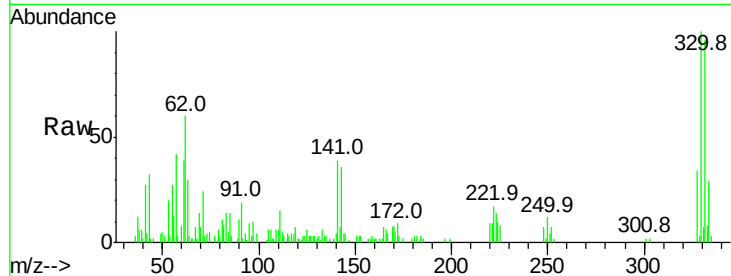
#41
 2,4,6-Tribromophenol
 Concen: 19.103 ng
 RT: 10.26 min Scan# 1423
 Delta R.T. -0.06 min
 Lab File: BF097338.D
 Acq: 4 Aug 2017 1:16

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-G

Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	94.8	76.6	115.0	
141	42.8	31.4	47.2	

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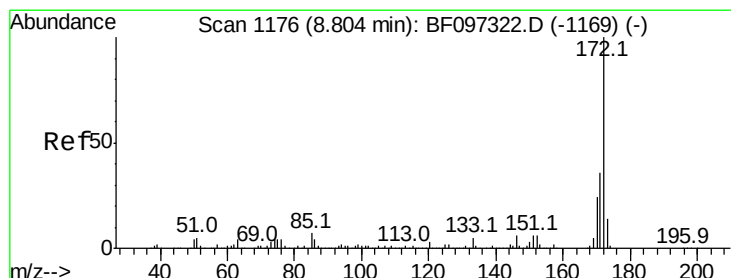
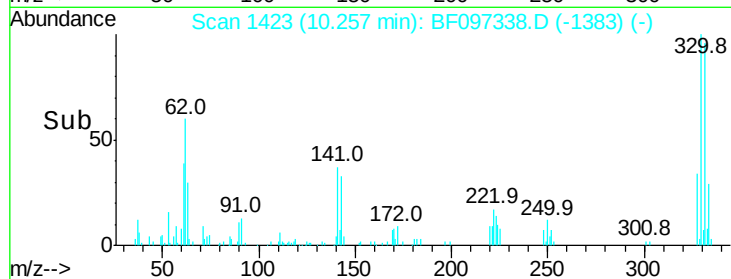
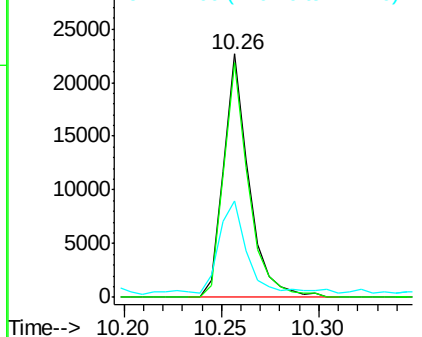


Abundance

Ion 329.80 (329.50 to 330.50): E

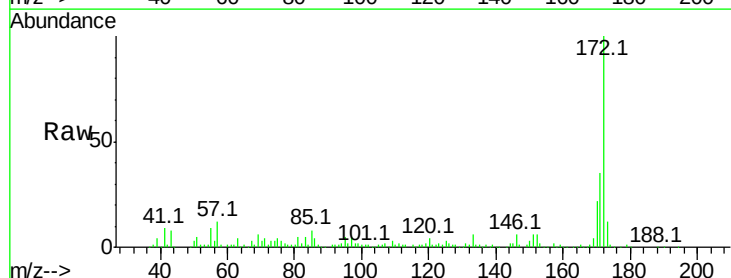
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 17.971 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097338.D
 Acq: 4 Aug 2017 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	29.6	44.4	
170	22.3	19.8	29.8	

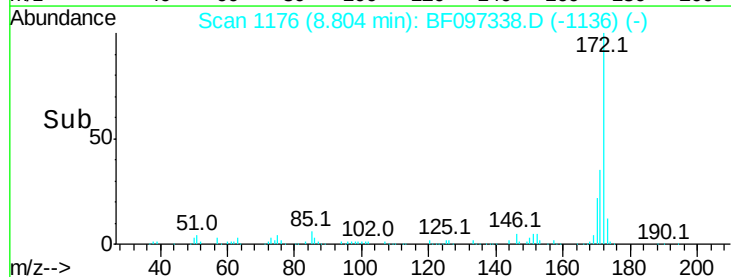
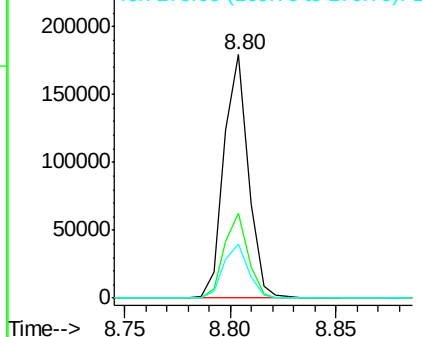


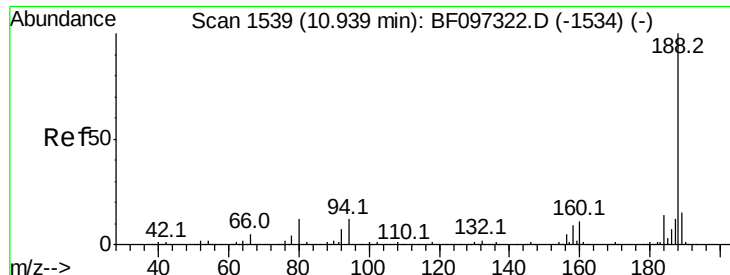
Abundance

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





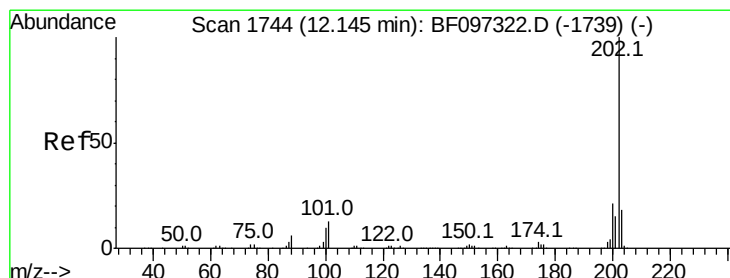
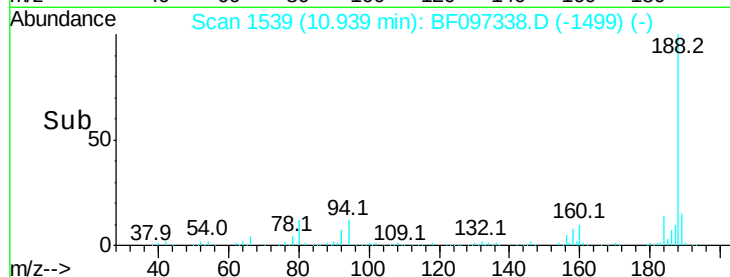
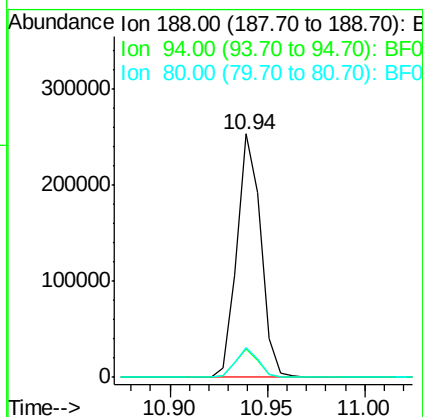
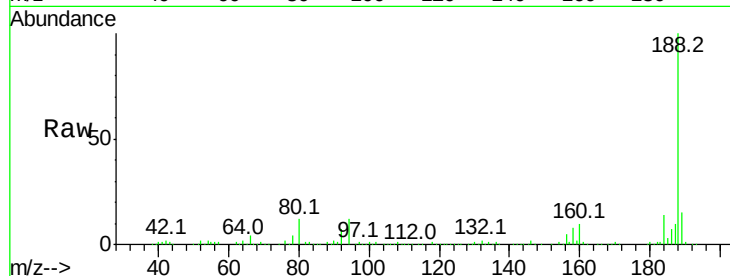
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097338.D
Acq: 4 Aug 2017 1:16

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-G

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.0		9.4	14.2
80	12.1		10.2	15.2

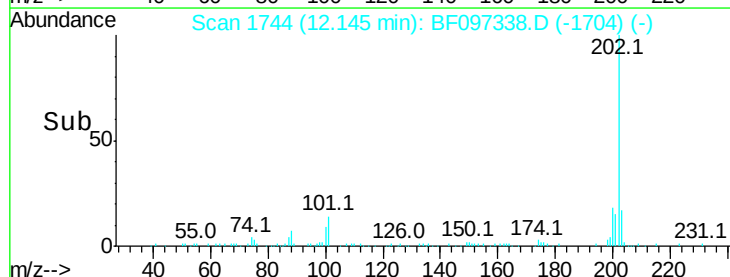
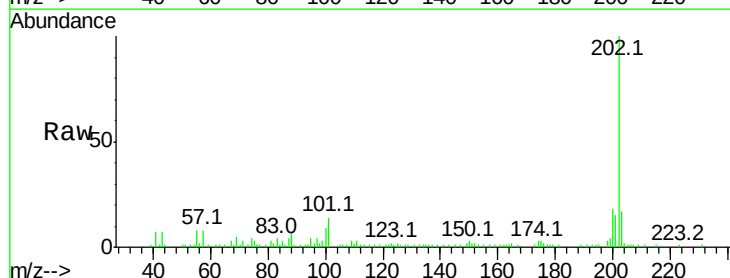
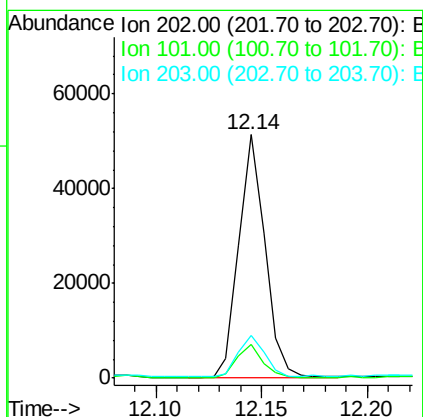
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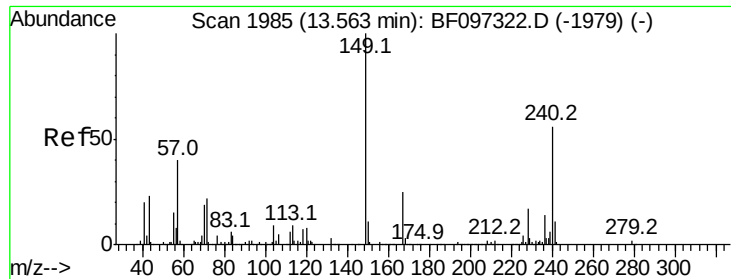
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#74
Fluoranthene
Concen: 3.967 ng
RT: 12.14 min Scan# 1744
Delta R.T. -0.06 min
Lab File: BF097338.D
Acq: 4 Aug 2017 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.9		0.0	33.2
203	17.5		0.0	38.1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.56 min Scan# 1985

Delta R.T. -0.06 min

Lab File: BF097338.D

Acq: 4 Aug 2017 1:16

Instrument :

BNA_F

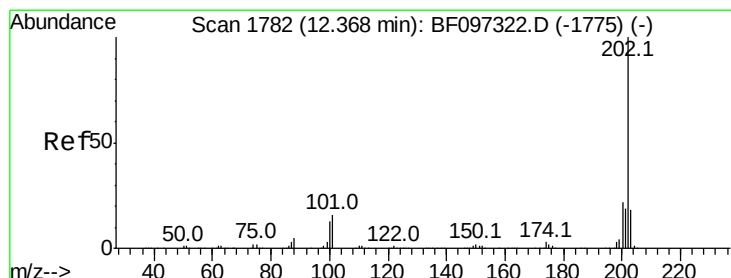
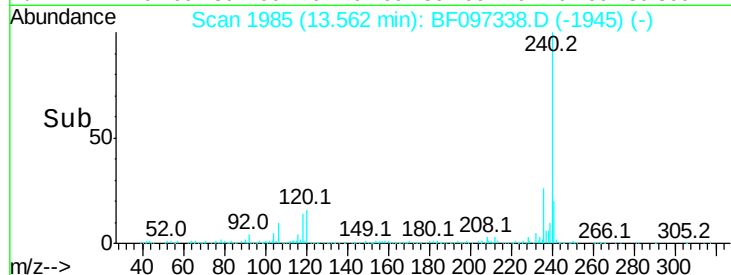
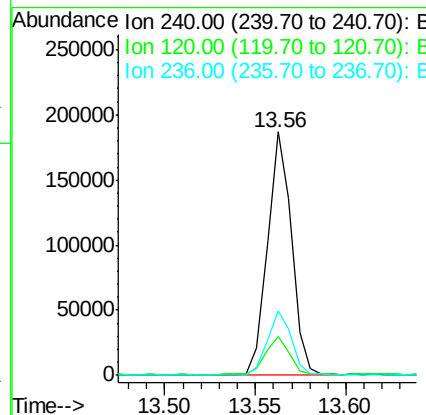
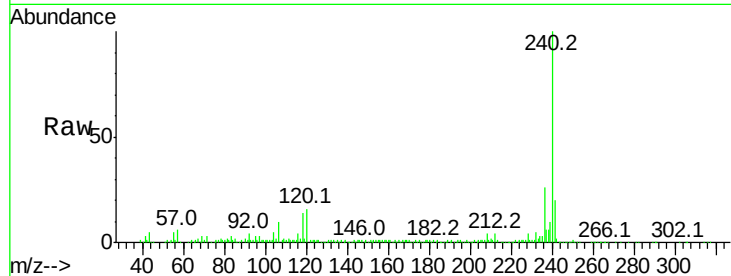
ClientSampleId :

JC-02-080117-G

Tot Ion:	240	Resp:	173132
Ion Ratio	Lower	Upper	
240	100		
120	16.2	5.8	8.8#
236	26.4	20.5	30.7

Manual Integrations
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#77

Pyrene

Concen: 3.259 ng

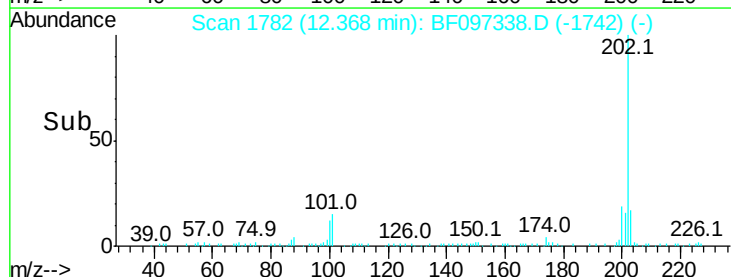
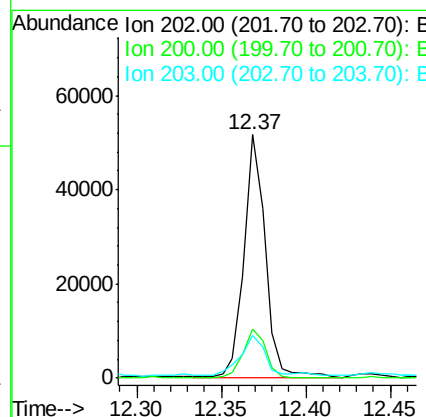
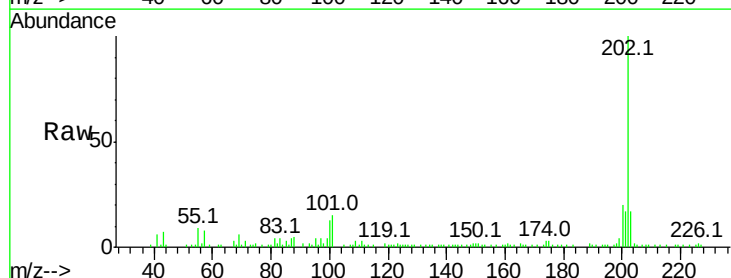
RT: 12.37 min Scan# 1782

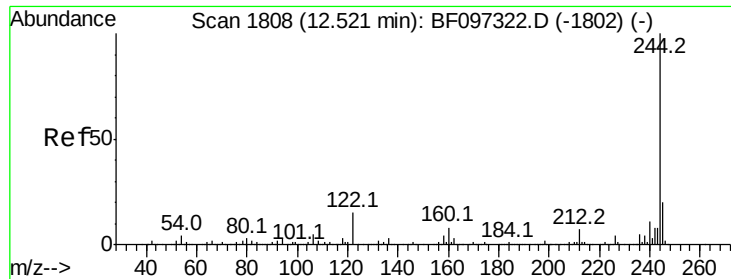
Delta R.T. -0.06 min

Lab File: BF097338.D

Acq: 4 Aug 2017 1:16

Tgt Ion:	202	Resp:	46199
Ion Ratio	Lower	Upper	
202	100		
200	20.0	17.6	26.4
203	17.3	14.4	21.6





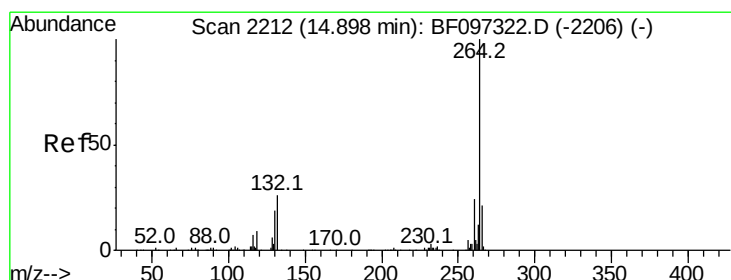
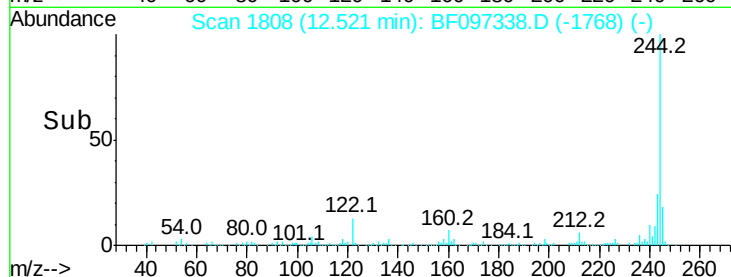
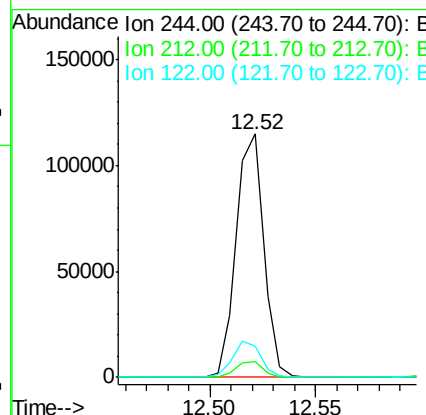
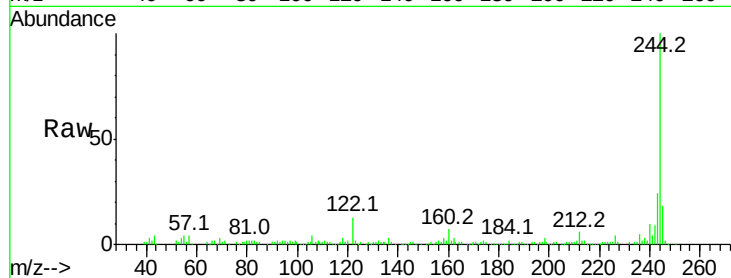
#78
 Terphenyl-d14
 Concen: 12.196 ng
 RT: 12.52 min Scan# 1808
 Delta R.T. -0.06 min
 Lab File: BF097338.D
 Acq: 4 Aug 2017 1:16

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-G

Tot Ion	Ratio	Resp	Lower	Upper
244	100			
212	6.3	6.0	9.0	
122	12.9	10.3	15.5	

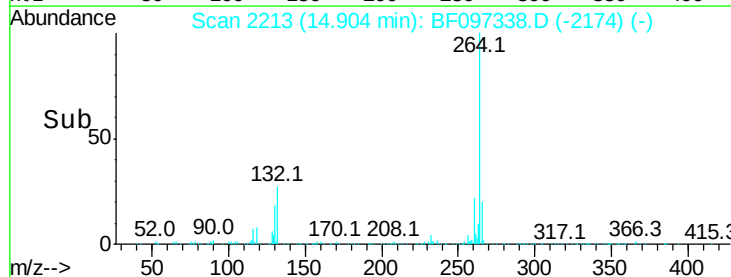
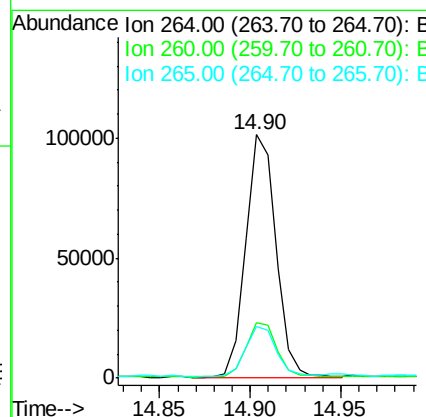
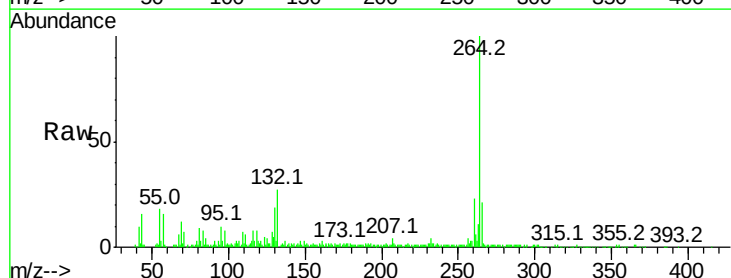
Manual Integrations
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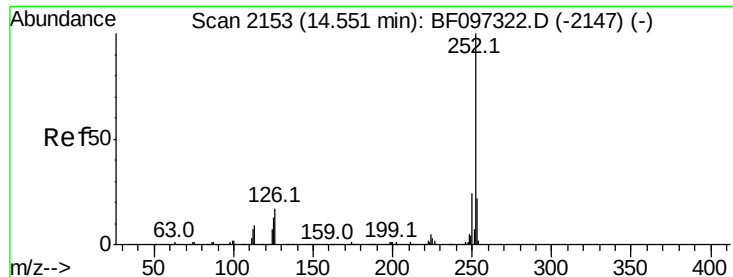
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#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 14.90 min Scan# 2213
 Delta R.T. -0.07 min
 Lab File: BF097338.D
 Acq: 4 Aug 2017 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
264	100			
260	22.9	19.5	29.3	
265	21.2	17.2	25.8	





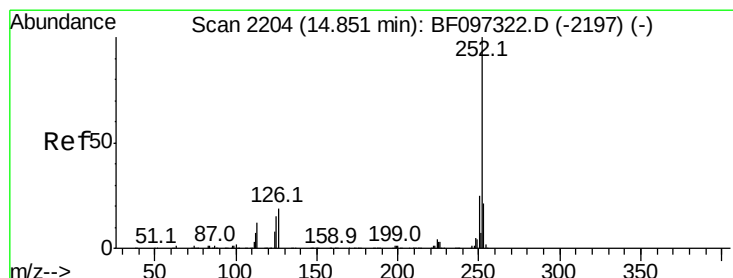
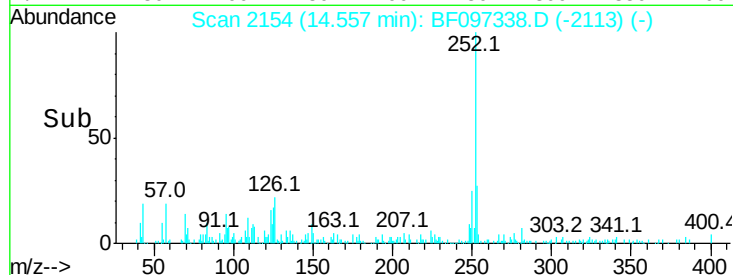
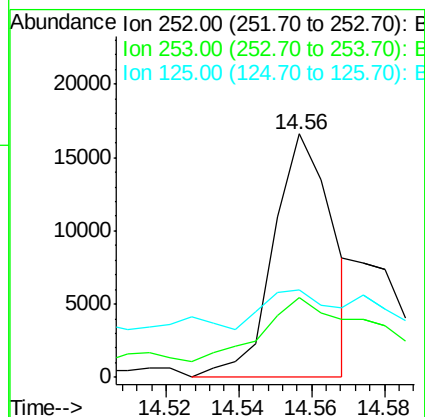
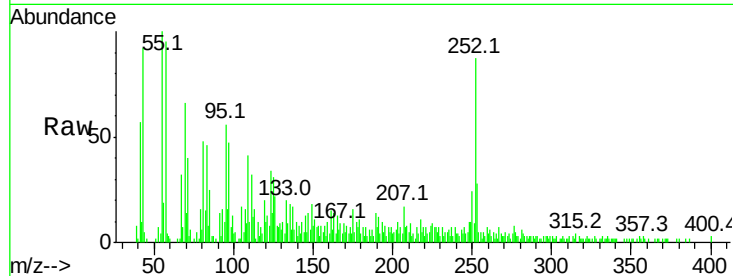
#87
Benzo(b)fluoranthene
Concen: 2.671 ng/mL
RT: 14.56 min Scan# 2154
Delta R.T. -0.06 min
Lab File: BF097338.D
Acq: 4 Aug 2017 1:16

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-G

Tot Ion	Ratio	Resp	Lower	Upper
252	100	18713		
253	32.6	18.1	27.1#	
125	36.1	9.8	14.8#	

Manual Integrations
APPROVED

Sohil
8/4/2017 5:30:56 PM



#89
Benzo(a)pyrene
Concen: 2.015 ng/mL
RT: 14.86 min Scan# 2205
Delta R.T. -0.06 min
Lab File: BF097338.D
Acq: 4 Aug 2017 1:16

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	12922		
253	27.8	17.5	26.3#	
125	40.6	11.0	16.4#	

