

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
 Data File : BF097335.D
 Acq On : 3 Aug 2017 23:52
 Operator : SJ/JU
 Sample : I4562-22
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations
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Quant Time: Aug 04 02:14:33 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 25 14:11:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	122370	20.00	ng	-0.05
21) Naphthalene-d8	7.73	136	461280	20.00	ng	-0.06
38) Acenaphthene-d10	9.47	164	158486	20.00	ng	-0.06
63) Phenanthrene-d10	10.94	188	222678	20.00	ng	-0.06
75) Chrysene-d12	13.56	240	186546	20.00	ng	-0.06
86) Perylene-d12	14.92	264	110002	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	678302	83.56	ng	-0.06
7) Phenol-d6	6.12	99	829854	89.55	ng	-0.05
23) Nitrobenzene-d5	7.02	82	486632	61.89	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	104059	83.10	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	706505	75.65	ng	-0.06
78) Terphenyl-d14	12.52	244	446025	48.75	ng	-0.06
Target Compounds						
49) Dimethylphthalate	9.20	163	114749	9.534	ng	100
70) Phenanthrene	10.96	178	31556	2.645	ng	99
74) Fluoranthene	12.15	202	52416	4.484	ng	99
77) Pyrene	12.37	202	55183	3.613	ng	99
80) Benzo(a)anthracene	13.56	228	33008	2.735	ng	# 78
82) Chrysene	13.59	228	35394	3.003	ng	# 82
87) Benzo(b)fluoranthene	14.56	252	28059m	4.243	ng	
91) Benzo(g,h,i)perylene	16.49	276	12309	2.365	ng	# 61

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

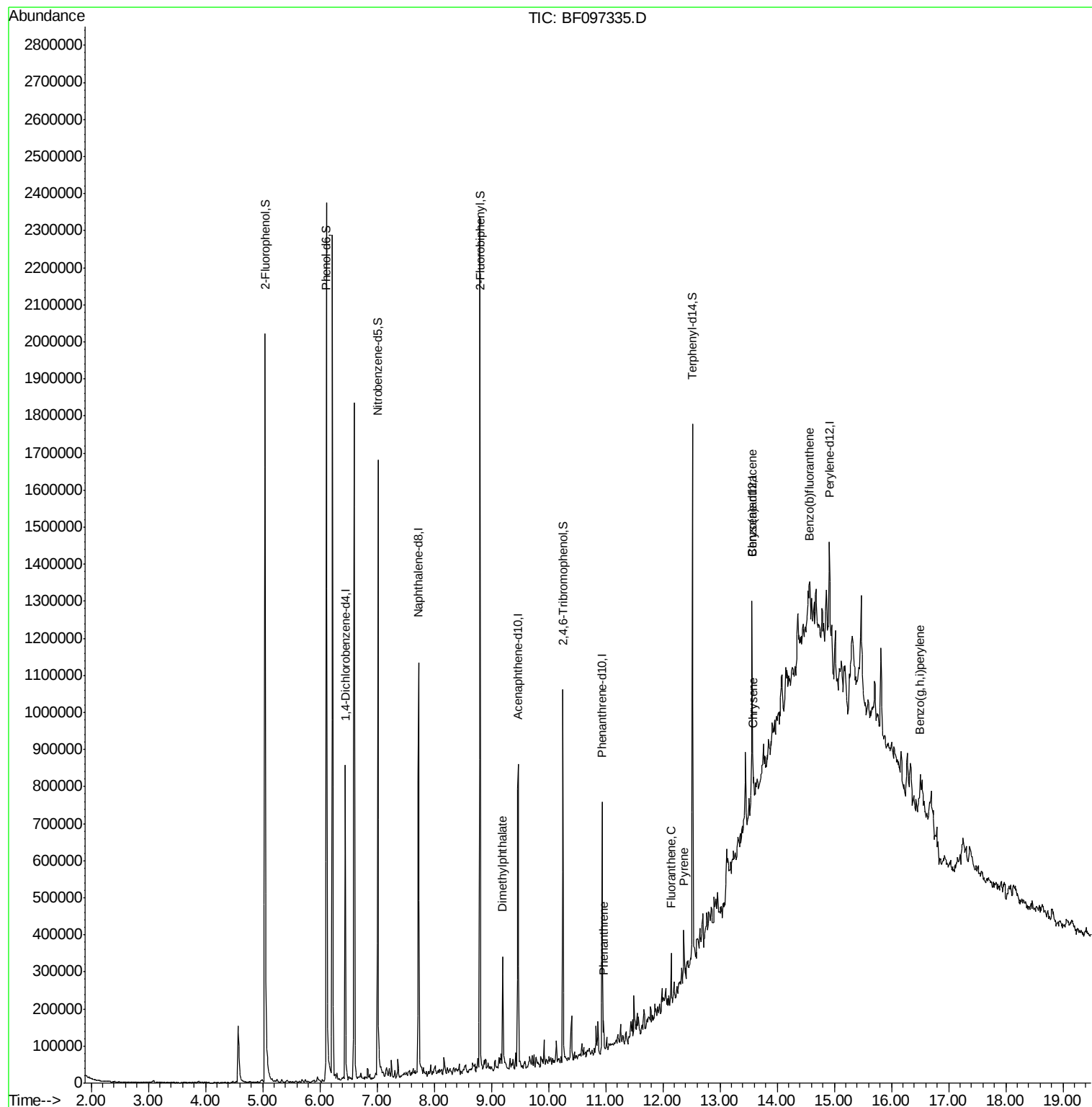
Data Path : Z:\HPCHEM1\BNA F\DATA\BF080317\
Data File : BF097335.D
Acq On : 3 Aug 2017 23:52
Operator : SJ/JU
Sample : I4562-22
Misc :
ALS Vial : 15 Sample Multiplier: 1

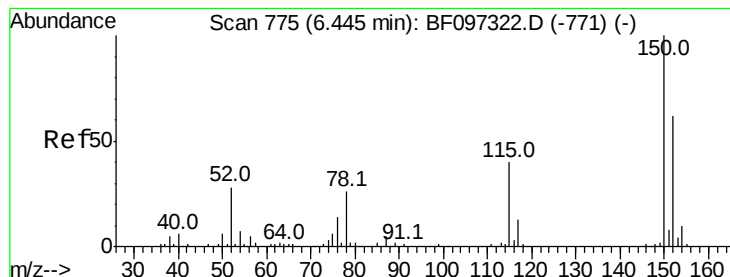
Instrument :
BNA_F
ClientSampleId :
JC-02-080117-H

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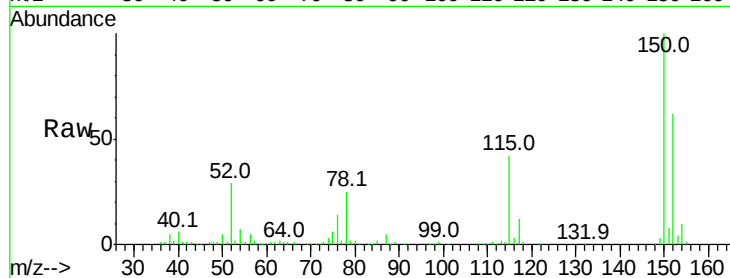
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 775
 Delta R.T. -0.05 min
 Lab File: BF097335.D
 Acq: 3 Aug 2017 23:52

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

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.5	126.2	189.2
115	66.9	52.2	78.2

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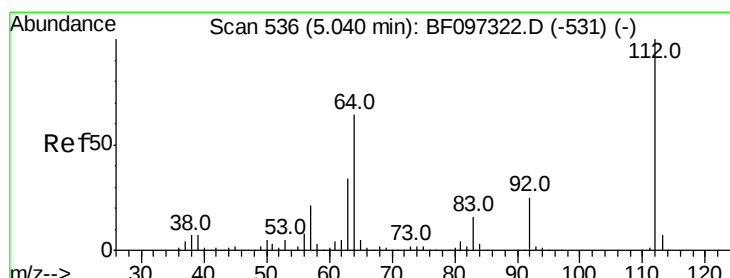
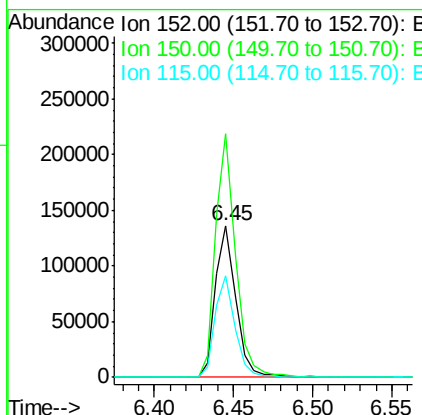
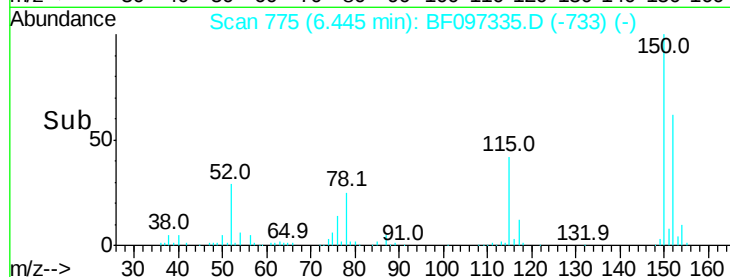


Abundance

Ion 152.00 (151.70 to 152.70): E

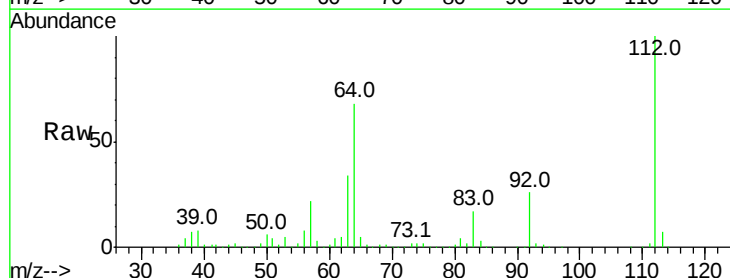
Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 83.561 ng
 RT: 5.04 min Scan# 536
 Delta R.T. -0.06 min
 Lab File: BF097335.D
 Acq: 3 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.8	46.0	69.0
63	34.1	23.4	35.0

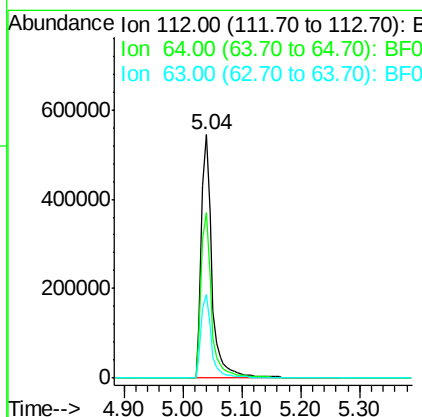
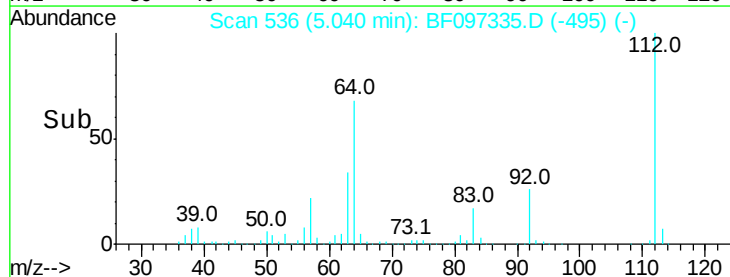


Abundance

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: 89.549 ng

RT: 6.12 min Scan# 719

Delta R.T. -0.05 min

Lab File: BF097335.D

Acq: 3 Aug 2017 23:52

Instrument :

BNA_F

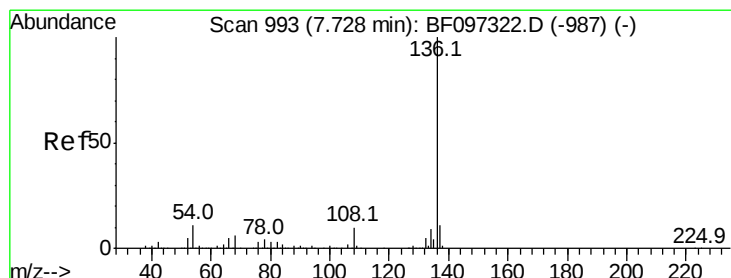
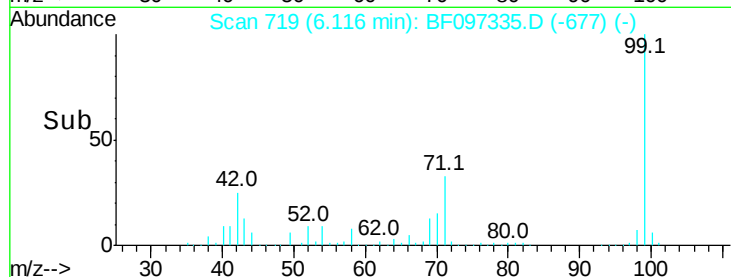
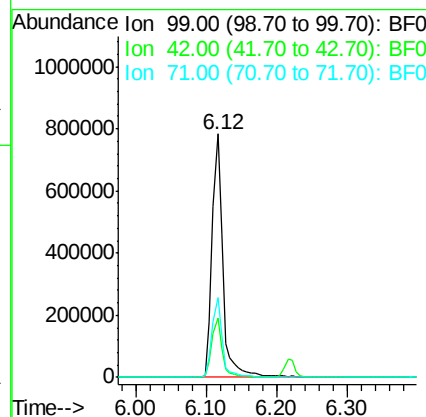
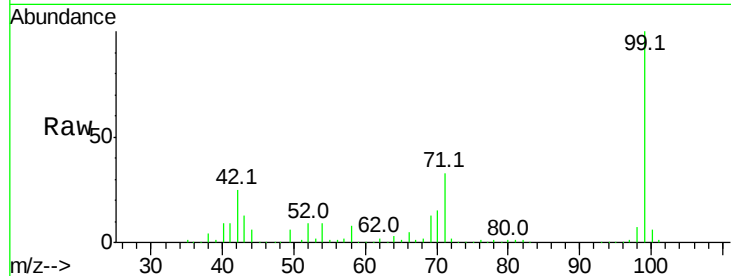
ClientSampleId :

JC-02-080117-H

Tot Ion:	99	Resp:	829854
Ion Ratio	Lower	Upper	
99	100		
42	24.6	13.5	20.3#
71	32.6	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

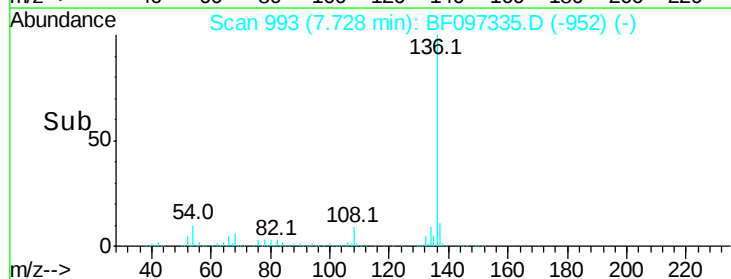
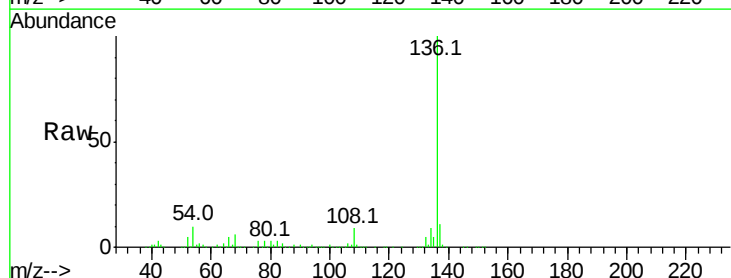
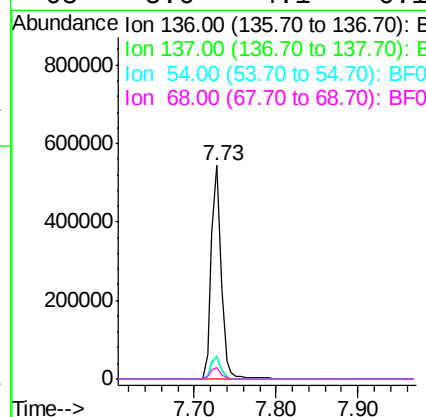
RT: 7.73 min Scan# 993

Delta R.T. -0.06 min

Lab File: BF097335.D

Acq: 3 Aug 2017 23:52

Tgt Ion:	136	Resp:	461280
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.5	12.7
54	10.2	4.9	7.3#
68	5.6	4.1	6.1





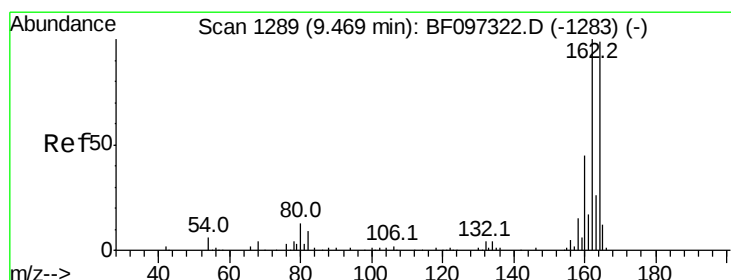
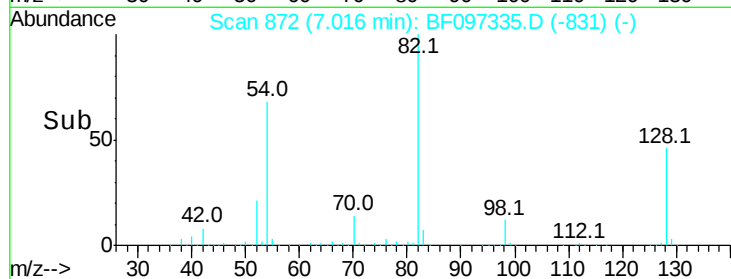
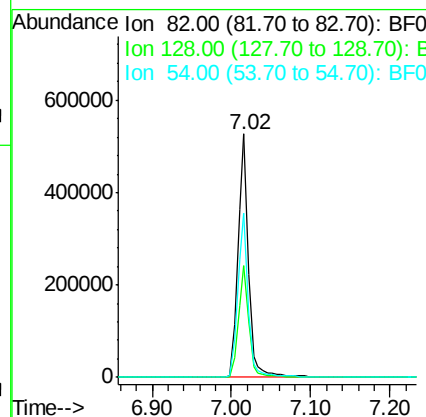
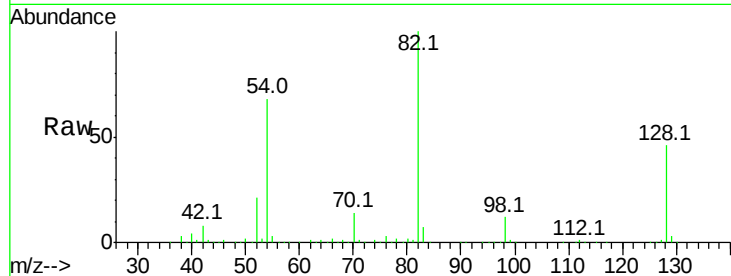
#23
 Nitrobenzene-d5
 Concen: 61.888 ng
 RT: 7.02 min Scan# 872
 Delta R.T. -0.06 min
 Lab File: BF097335.D
 Acq: 3 Aug 2017 23:52

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

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.1	34.0	51.0	
54	67.6	42.2	63.2	

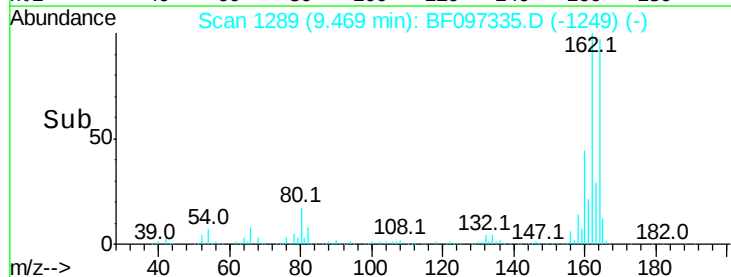
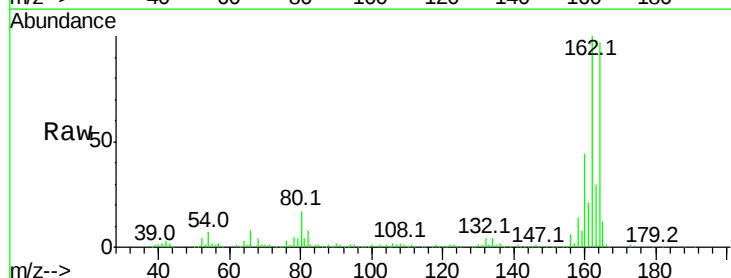
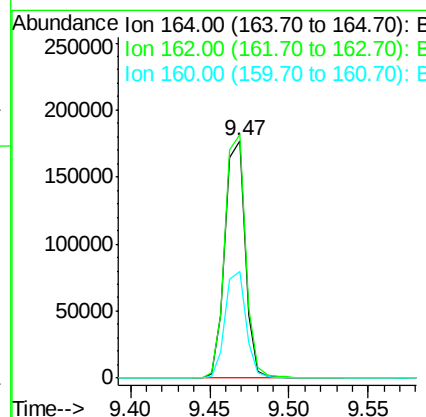
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1289
 Delta R.T. -0.06 min
 Lab File: BF097335.D
 Acq: 3 Aug 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.6	82.6	123.8	
160	45.0	36.2	54.2	





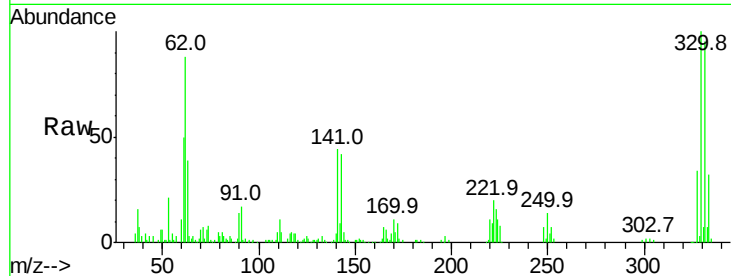
#41
 2,4,6-Tribromophenol
 Concen: 83.101 ng
 RT: 10.25 min Scan# 1422
 Delta R.T. -0.07 min
 Lab File: BF097335.D
 Acq: 3 Aug 2017 23:52

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

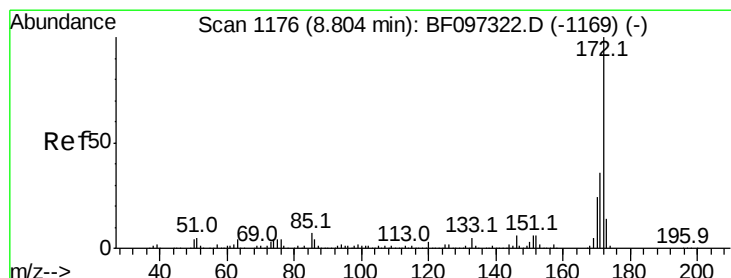
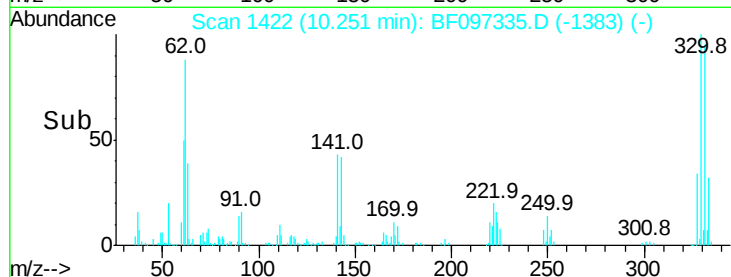
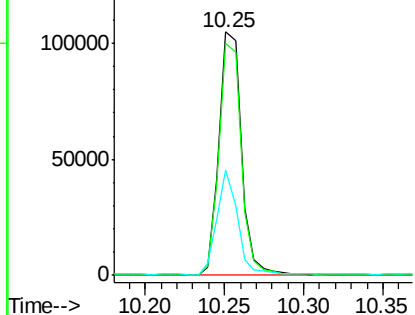
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.2	76.6	115.0	
141	39.3	31.4	47.2	

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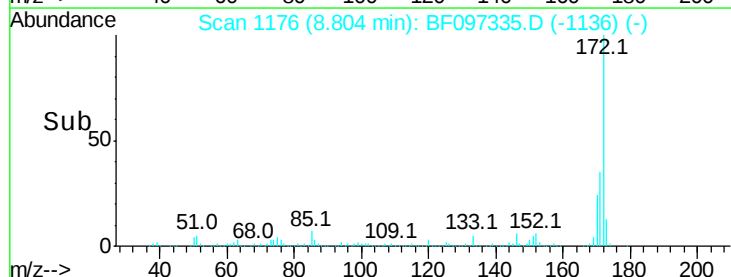
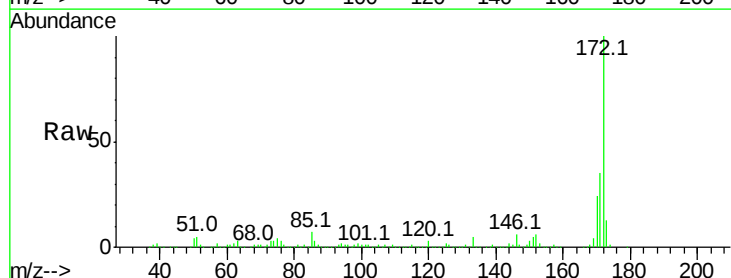
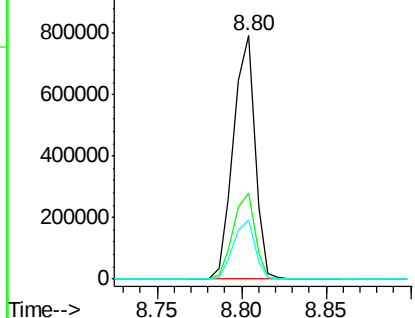
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

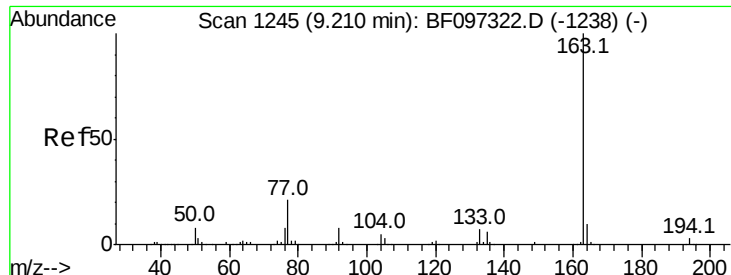


#44
 2-Fluorobiphenyl
 Concen: 75.654 ng
 RT: 8.80 min Scan# 1176
 Delta R.T. -0.06 min
 Lab File: BF097335.D
 Acq: 3 Aug 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.4	29.6	44.4	
170	24.3	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





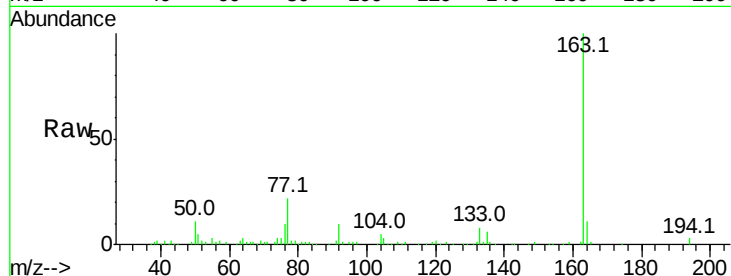
#49
Dimethylphthalate
Concen: 9.534 ng
RT: 9.20 min Scan# 1243
Delta R.T. -0.08 min
Lab File: BF097335.D
Acq: 3 Aug 2017 23:52

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

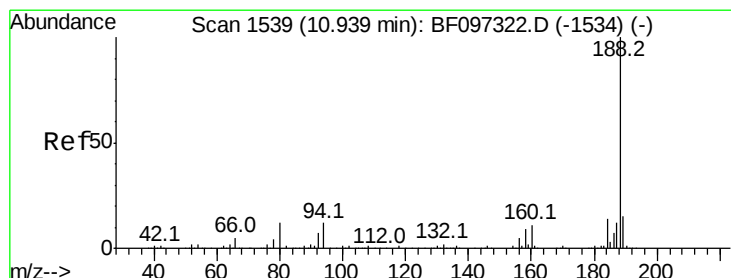
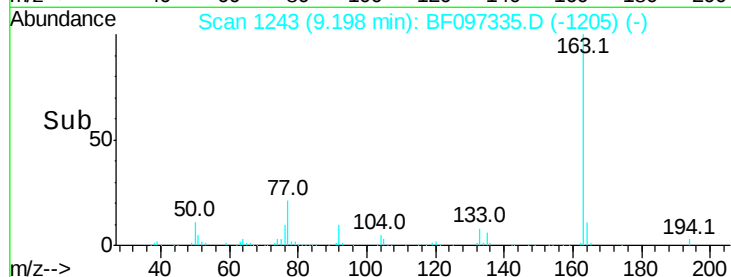
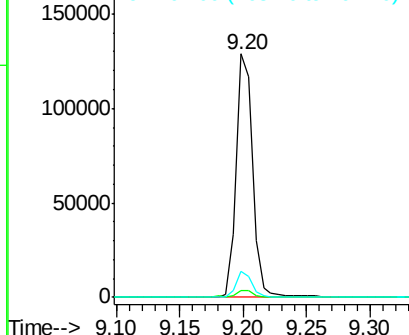
Tot Ion	Ratio	Resp	Lower	Upper
163	100	114749		
194	2.9	2.6	4.0	
164	10.5	8.4	12.6	

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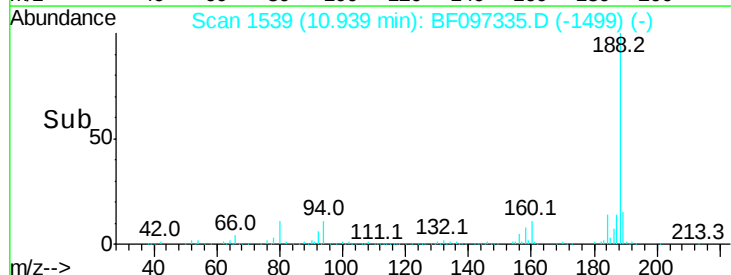
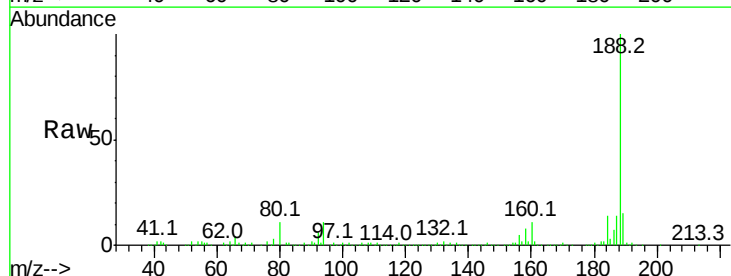
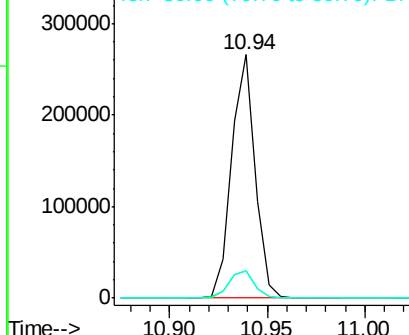
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

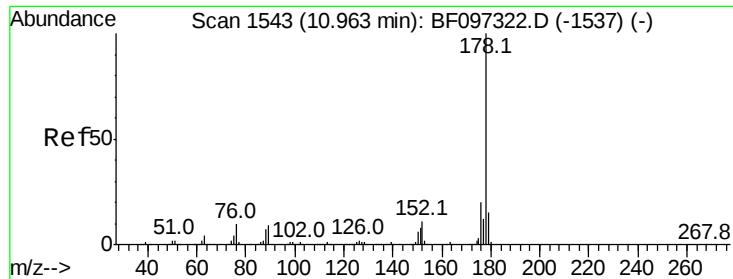


#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.94 min Scan# 1539
Delta R.T. -0.06 min
Lab File: BF097335.D
Acq: 3 Aug 2017 23:52

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	222678		
94	11.4	9.4	14.2	
80	11.1	10.2	15.2	

Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





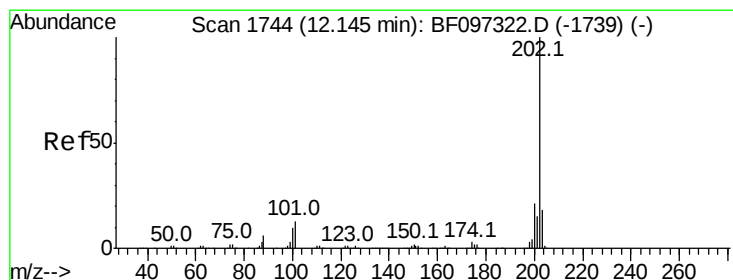
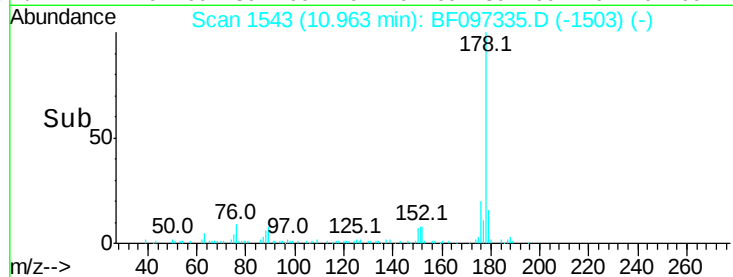
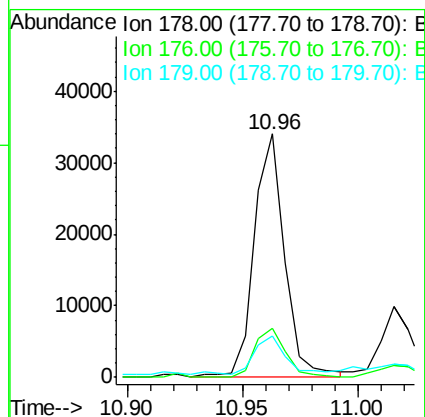
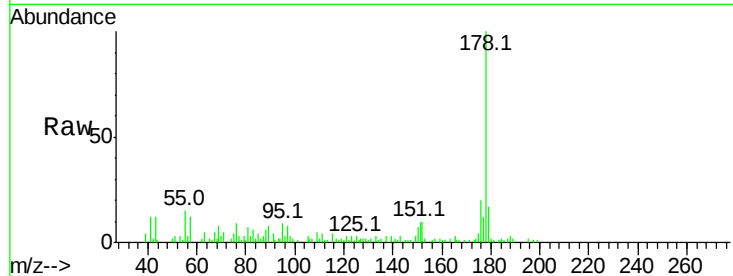
#70
Phenanthrene
Concen: 2.645 ng
RT: 10.96 min Scan# 1543
Delta R.T. -0.06 min
Lab File: BF097335.D
Acq: 3 Aug 2017 23:52

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.2	16.2	24.4
179	17.0	12.6	19.0

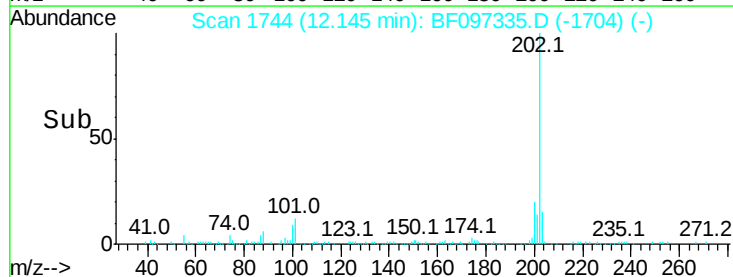
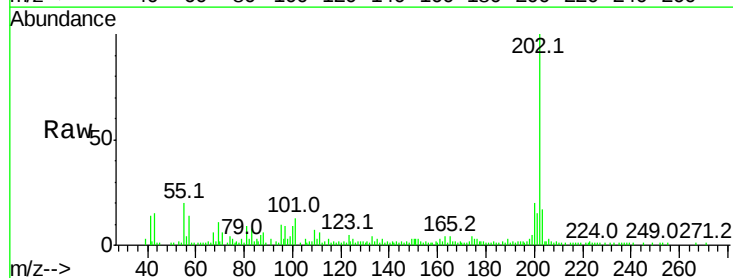
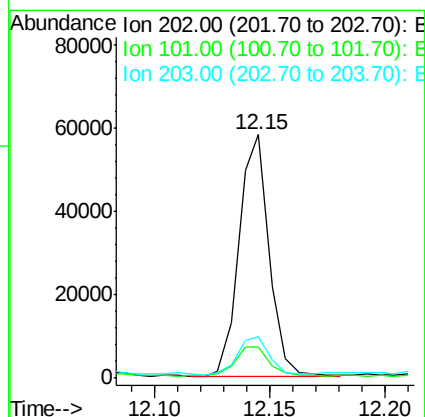
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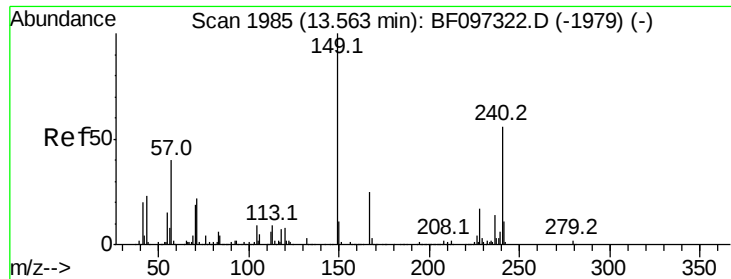
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#74
Fluoranthene
Concen: 4.484 ng
RT: 12.15 min Scan# 1744
Delta R.T. -0.06 min
Lab File: BF097335.D
Acq: 3 Aug 2017 23:52

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.0	0.0	33.2
203	17.1	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: BF097335.D

Acq: 3 Aug 2017 23:52

Instrument :

BNA_F

ClientSampleId :

JC-02-080117-H

Tot Ion:240 Resp: 186546

Ion Ratio Lower Upper

240 100

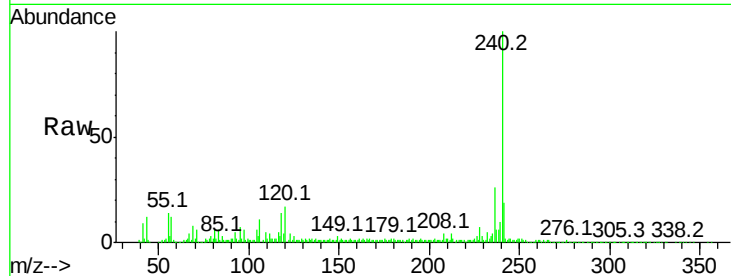
120 16.8 5.8 8.8#

236 25.8 20.5 30.7

Manual Integrations
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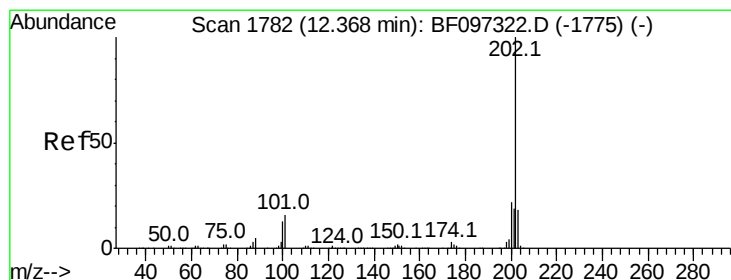
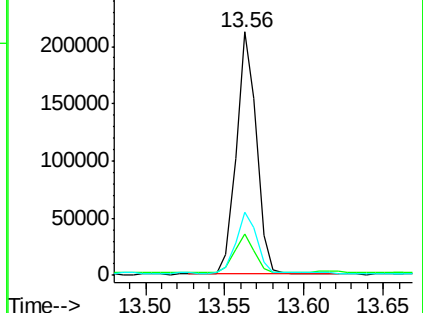
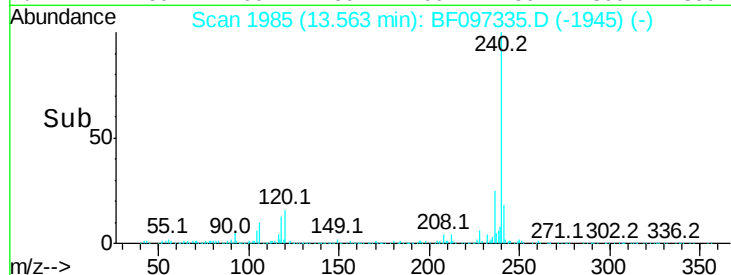
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Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#77

Pyrene

Concen: 3.613 ng

RT: 12.37 min Scan# 1782

Delta R.T. -0.06 min

Lab File: BF097335.D

Acq: 3 Aug 2017 23:52

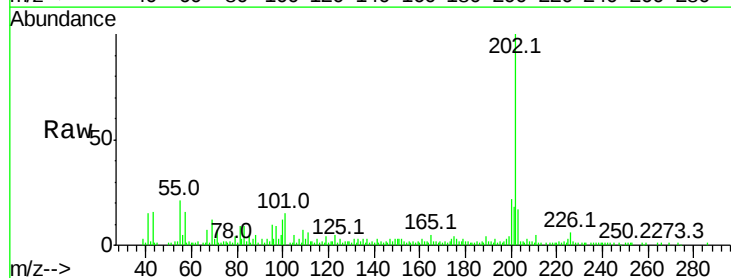
Tgt Ion:202 Resp: 55183

Ion Ratio Lower Upper

202 100

200 22.3 17.6 26.4

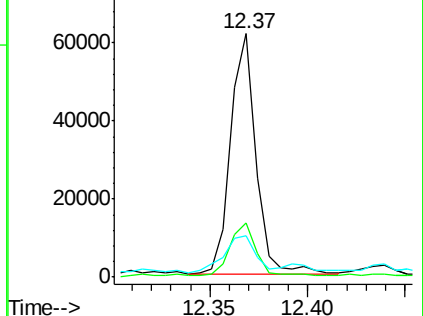
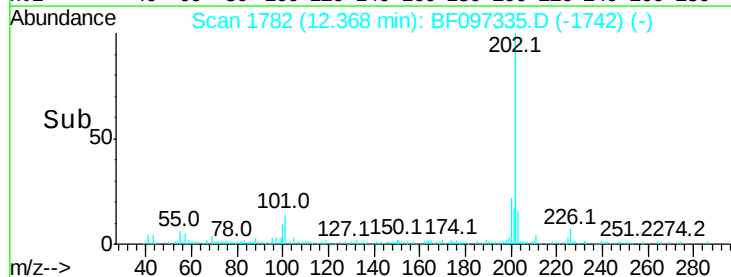
203 17.1 14.4 21.6

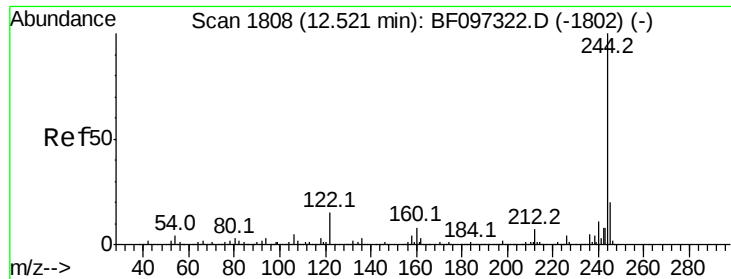


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 48.748 ng

RT: 12.52 min Scan# 1808

Delta R.T. -0.06 min

Lab File: BF097335.D

Acq: 3 Aug 2017 23:52

Instrument :

BNA_F

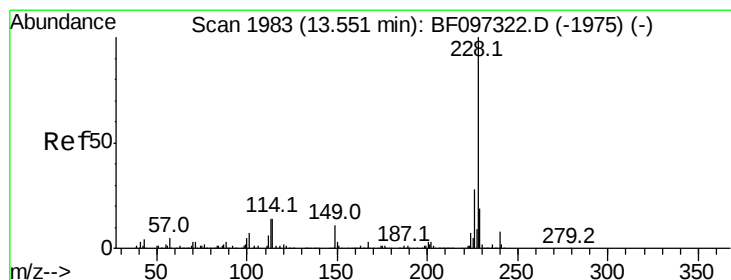
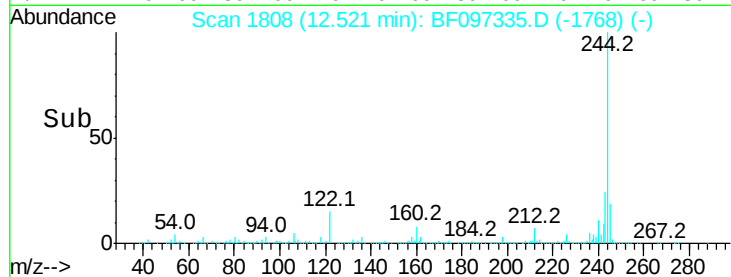
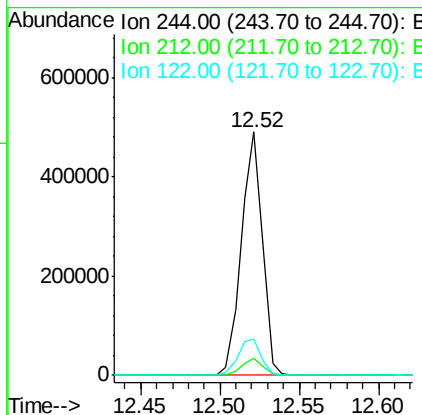
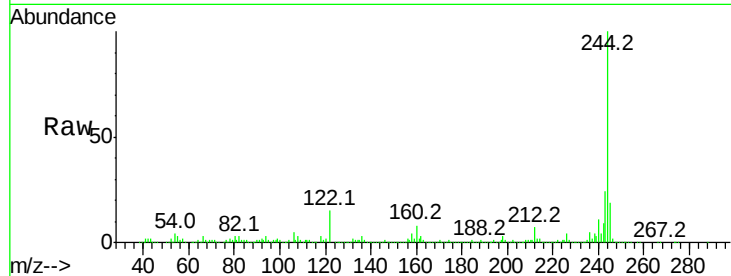
ClientSampleId :

JC-02-080117-H

Tot Ion:	244	Resp:	446025
Ion Ratio		Lower	Upper
244	100		
212	6.9	6.0	9.0
122	14.9	10.3	15.5

Manual Integrations
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#80

Benzo(a)anthracene

Concen: 2.735 ng

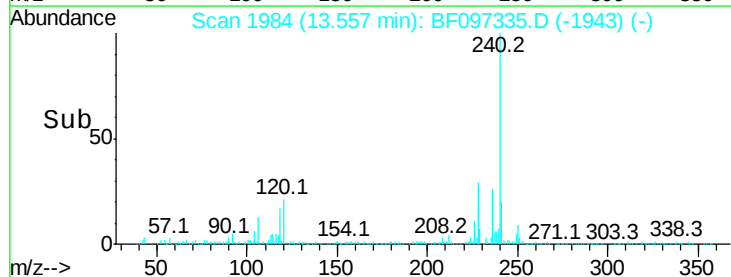
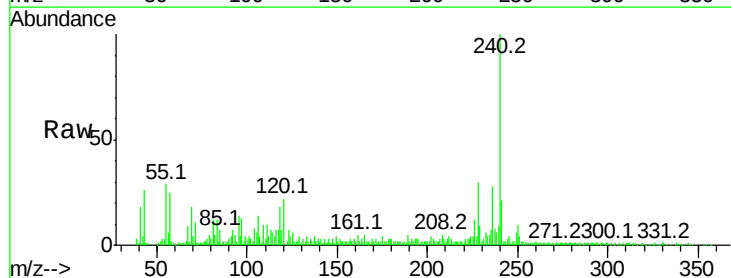
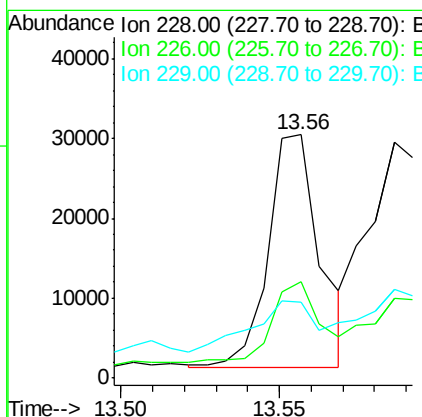
RT: 13.56 min Scan# 1984

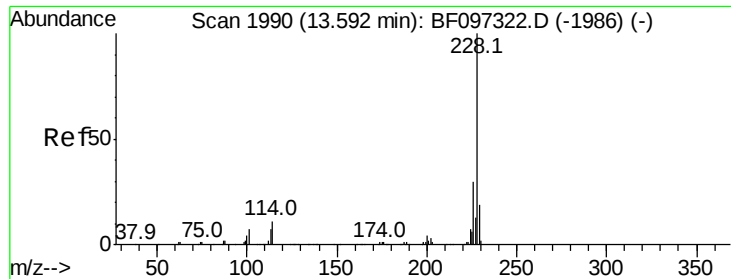
Delta R.T. -0.06 min

Lab File: BF097335.D

Acq: 3 Aug 2017 23:52

Tgt Ion:	228	Resp:	33008
Ion Ratio		Lower	Upper
228	100		
226	39.4	22.6	33.8#
229	31.4	16.3	24.5#





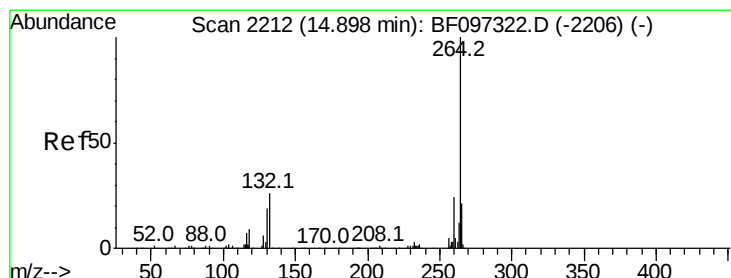
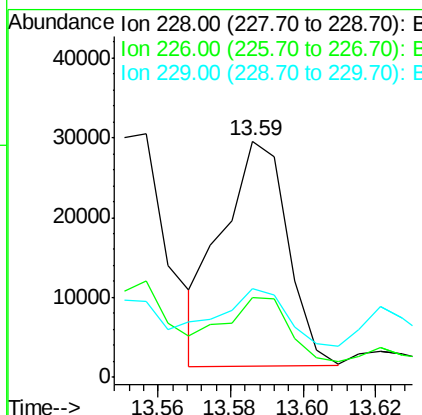
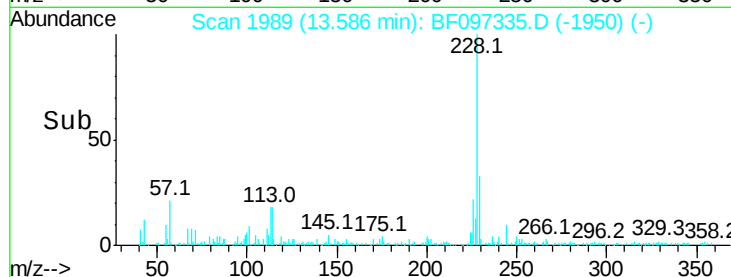
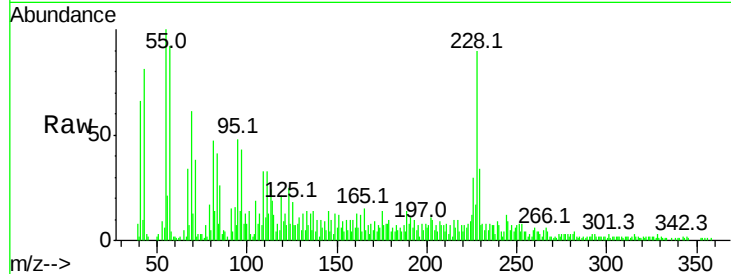
#82
Chrysene
Concen: 3.003 ng
RT: 13.59 min Scan# 1989
Delta R.T. -0.07 min
Lab File: BF097335.D
Acq: 3 Aug 2017 23:52

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

Tot Ion:	228	Resp:	35394
Ion Ratio	Lower	Upper	
228	100		
226	33.8	24.9	37.3
229	37.4	15.8	23.6

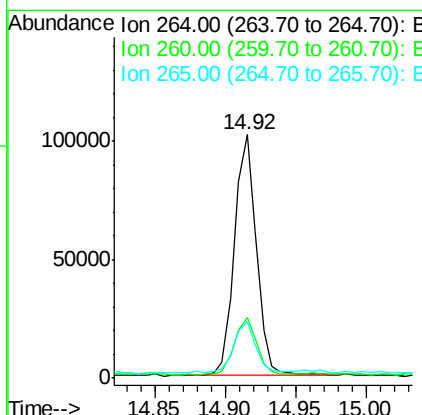
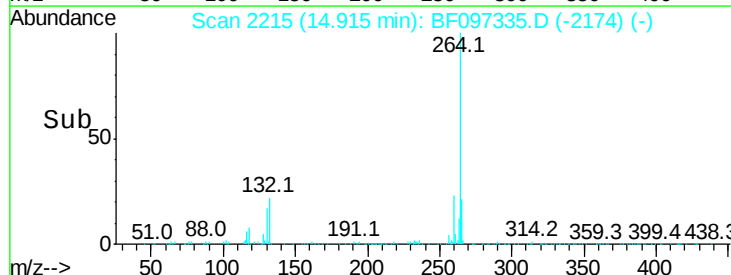
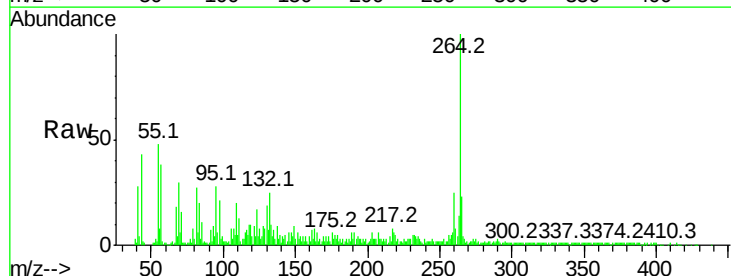
Manual Integrations
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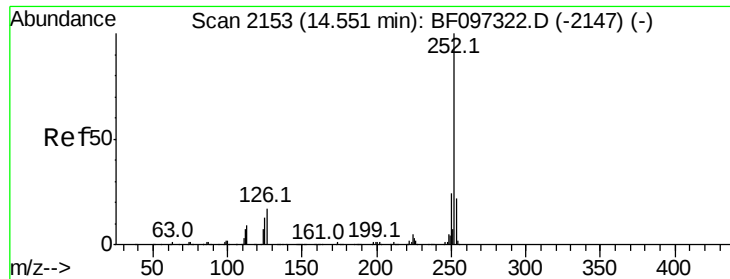
Sohil
8/4/2017 5:30:52 PM



#86
Perylene-d12
Concen: 20.000 ng
RT: 14.92 min Scan# 2215
Delta R.T. -0.06 min
Lab File: BF097335.D
Acq: 3 Aug 2017 23:52

Tgt Ion:	264	Resp:	110002
Ion Ratio	Lower	Upper	
264	100		
260	24.8	19.5	29.3
265	23.1	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 4.243 ng m

RT: 14.56 min Scan# 2155

Delta R.T. -0.05 min

Lab File: BF097335.D

Acq: 3 Aug 2017 23:52

Instrument :

BNA_F

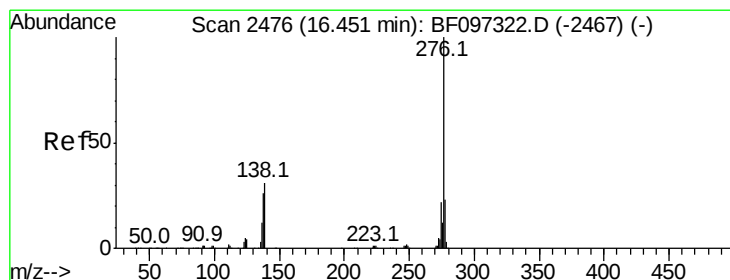
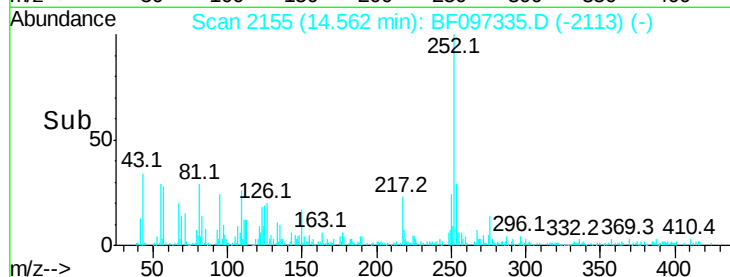
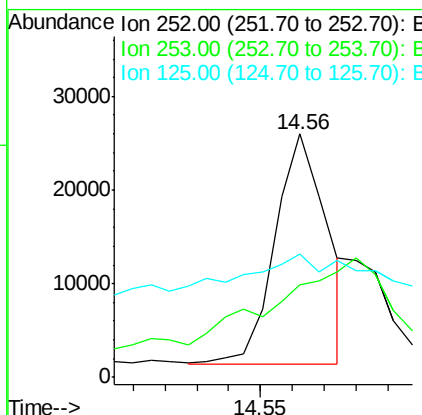
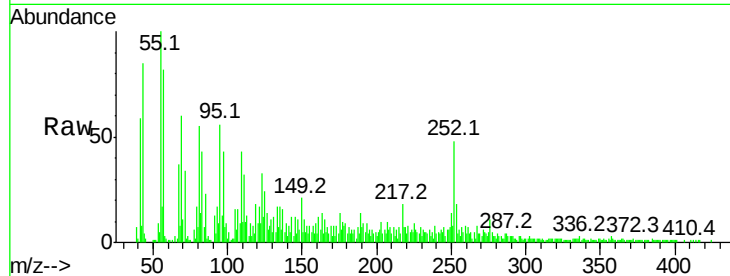
ClientSampleId :

JC-02-080117-H

Tot Ion:	252	Resp:	28059
Ion Ratio	Lower	Upper	
252	100		
253	38.0	18.1	27.1#
125	50.8	9.8	14.8#

Manual Integrations
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Sohil
8/4/2017 5:30:52 PM



#91

Benzo(g,h,i)perylene

Concen: 2.365 ng

RT: 16.49 min Scan# 2483

Delta R.T. -0.08 min

Lab File: BF097335.D

Acq: 3 Aug 2017 23:52

Tgt Ion:	276	Resp:	12309
Ion Ratio	Lower	Upper	
276	100		
277	44.0	18.6	28.0#
138	51.5	25.4	38.0#

