

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
 Data File : BF096052.D
 Acq On : 20 Jun 2017 19:10
 Operator : SJ/MA
 Sample : I3697-05 5X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

Manual Integrations
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 6/21/2017 2:16:42 PM

Quant Time: Jun 20 19:41:53 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.29	152	73467	20.00	ng	0.00
21) Naphthalene-d8	9.32	136	297345	20.00	ng	0.00
38) Acenaphthene-d10	12.14	164	119978	20.00	ng	0.00
63) Phenanthrene-d10	14.53	188	186635	20.00	ng	0.00
75) Chrysene-d12	18.27	240	155109	20.00	ng	0.00
86) Perylene-d12	19.94	264	111827	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	35303m	7.66	ng	0.06
7) Phenol-d6	6.90	99	97377m	17.64	ng	0.03
23) Nitrobenzene-d5	8.22	82	52412	10.95	ng	0.00
41) 2,4,6-Tribromophenol	13.49	330	690	0.65	ng	0.04
44) 2-Fluorobiphenyl	11.10	172	126045	14.62	ng	0.00
78) Terphenyl-d14	16.92	244	87630	14.02	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.80	163	22542	2.47	ng	Qvalue 96
70) Phenanthrene	14.57	178	70463	6.54	ng	97
74) Fluoranthene	16.37	202	74423	6.98	ng	99
77) Pyrene	16.67	202	68477	5.92	ng	# 94
80) Benzo(a)anthracene	18.26	228	27759m	3.08	ng	98
82) Chrysene	18.31	228	25247	2.80	ng	98
83) Bis(2-ethylhexyl)phthalate	18.34	149	123207	17.28	ng	# 99
87) Benzo(b)fluoranthene	19.54	252	25313m	3.61	ng	98
89) Benzo(a)pyrene	19.89	252	16137	2.51	ng	# 83

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

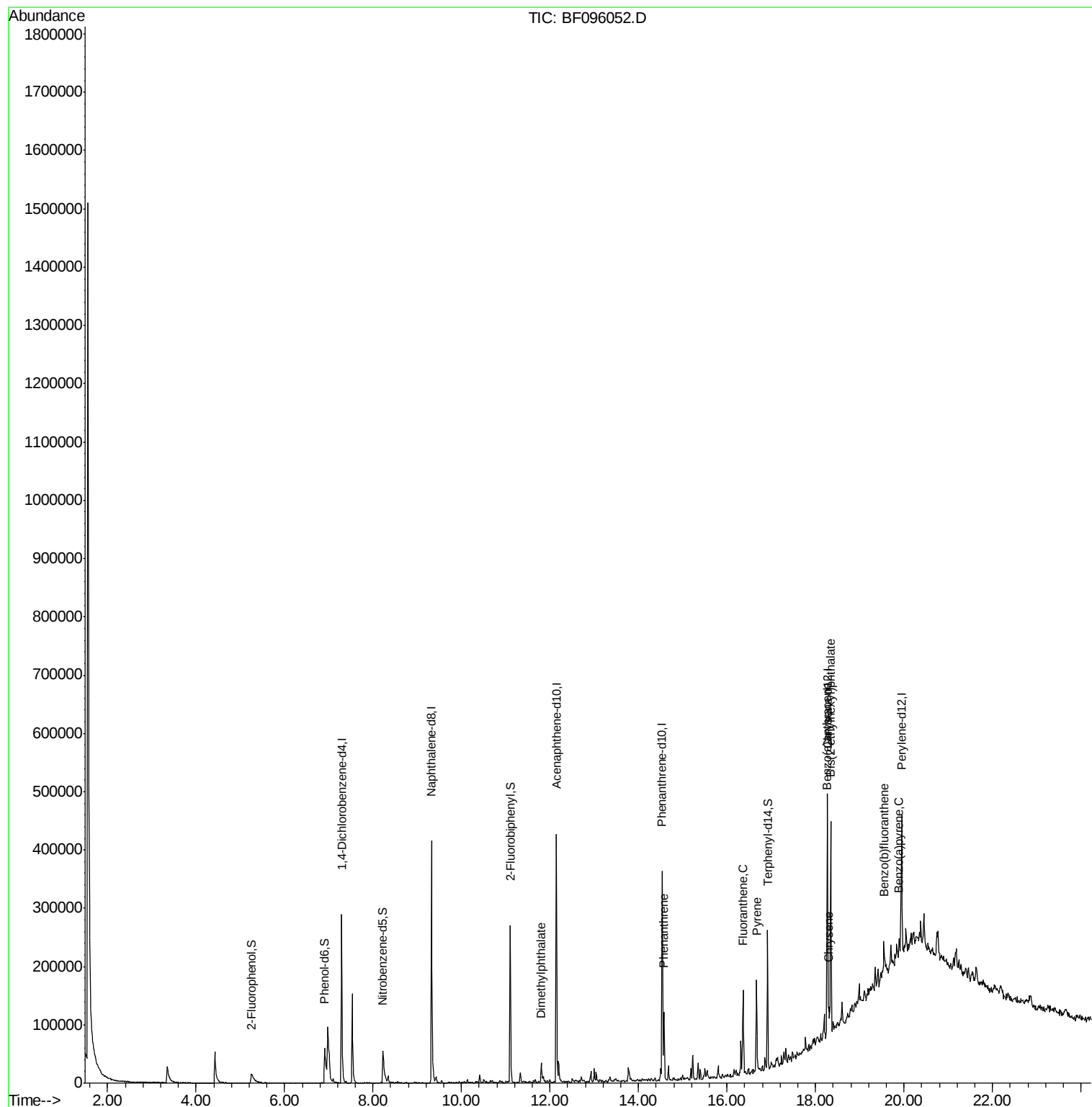
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062017\
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Operator : SJ/MA
Sample : I3697-05 5X
Misc :
ALS Vial : 11 Sample Multiplier: 1

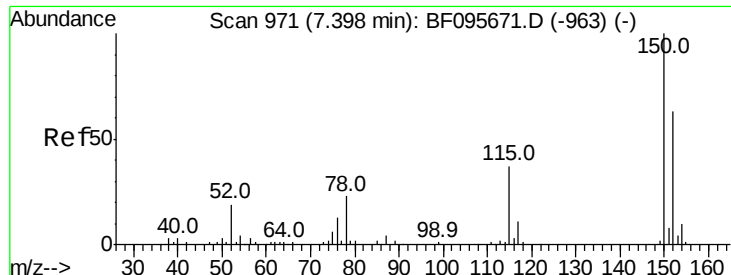
Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

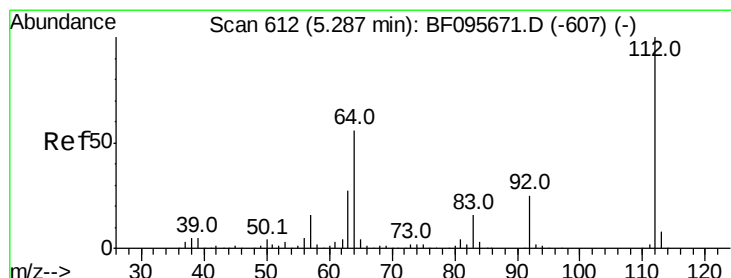
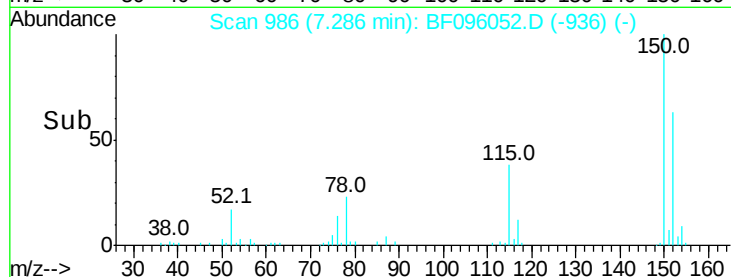
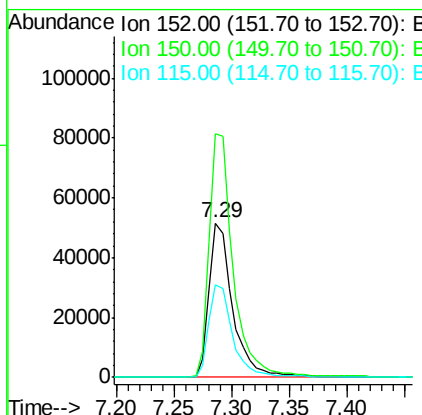
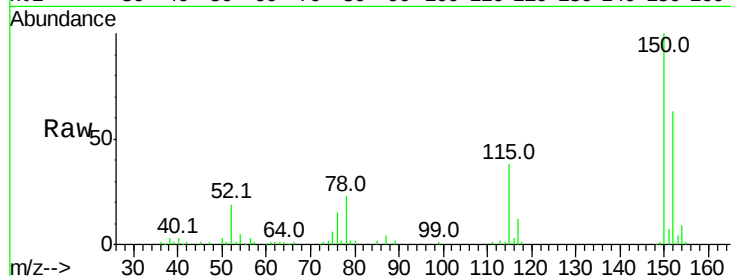
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.29 min Scan# 986
Delta R.T. -0.01 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.1	126.2	189.2
115	60.3	52.2	78.2

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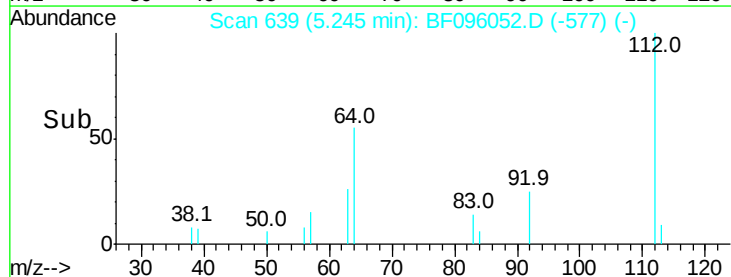
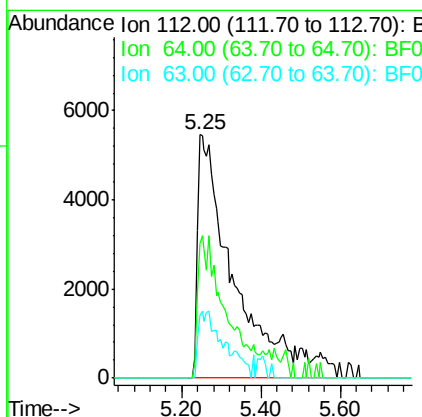
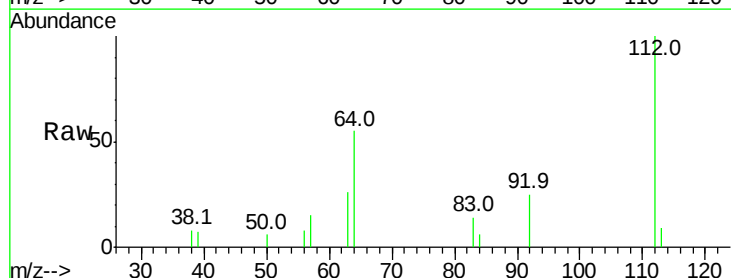
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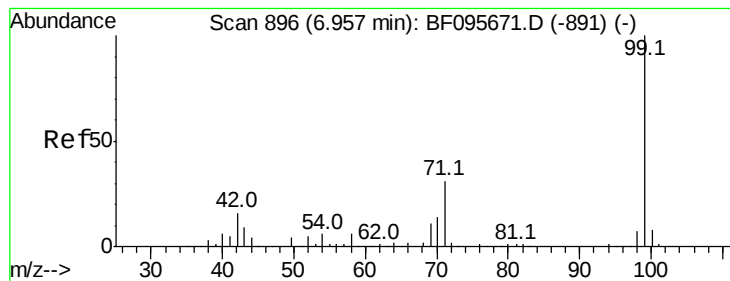


#5

2-Fluorophenol
Concen: 7.66 ng m
RT: 5.25 min Scan# 639
Delta R.T. 0.06 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
112	100		
64	55.4	46.0	69.0
63	25.9	23.4	35.0





#7

Phenol-d6

Concen: 17.64 ng/mL

RT: 6.90 min Scan# 921

Delta R.T. 0.03 min

Lab File: BF096052.D

Acq: 20 Jun 2017 19:10

Instrument :

BNA_F

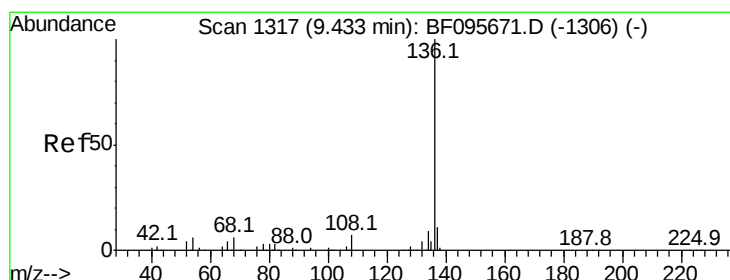
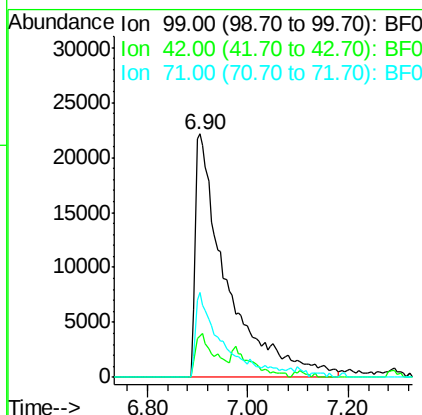
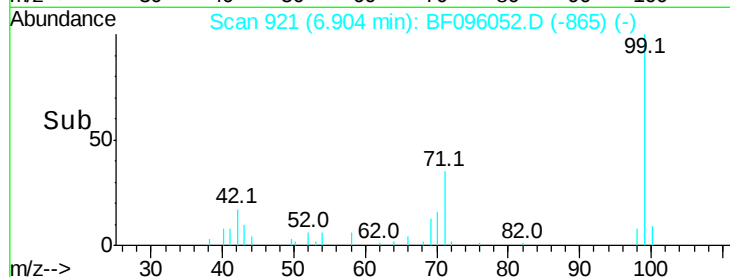
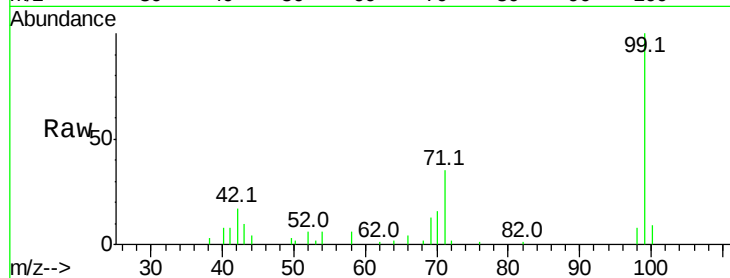
ClientSampleId :

FK-SF-02-001-C

Tot Ion:	99	Resp:	97377
Ion Ratio	Lower	Upper	
99	100		
42	16.8	13.5	20.3
71	35.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

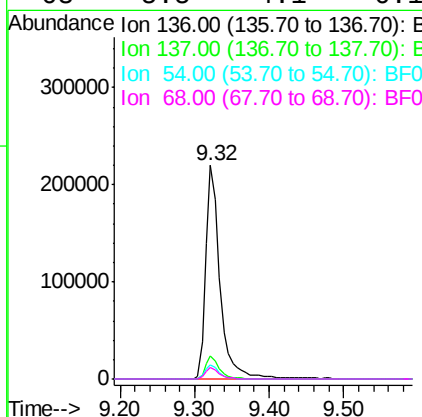
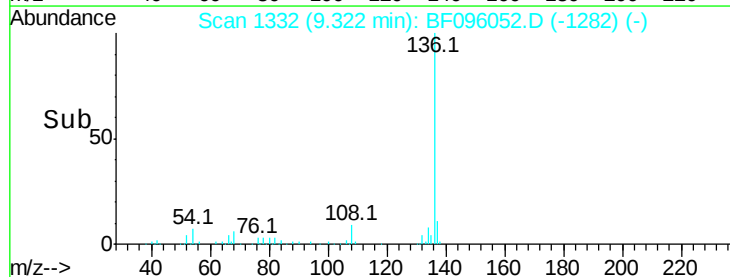
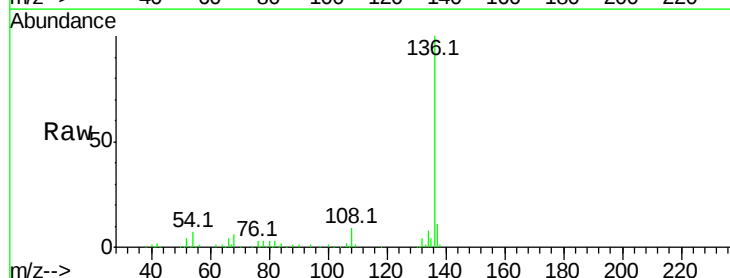
RT: 9.32 min Scan# 1332

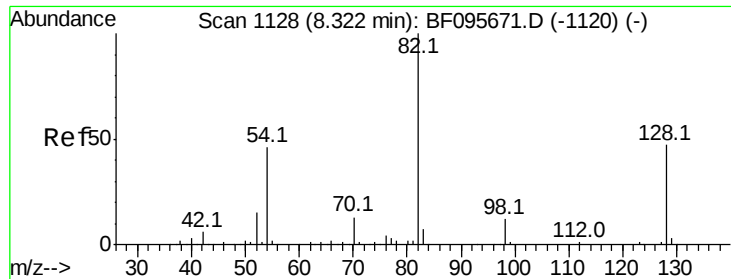
Delta R.T. -0.01 min

Lab File: BF096052.D

Acq: 20 Jun 2017 19:10

Tgt Ion:	136	Resp:	297345
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.5	12.7
54	6.9	4.9	7.3
68	5.5	4.1	6.1





#23

Nitrobenzene-d5

Concen: 10.95 ng

RT: 8.22 min Scan# 1145

Delta R.T. 0.00 min

Lab File: BF096052.D

Acq: 20 Jun 2017 19:10

Instrument :

BNA_F

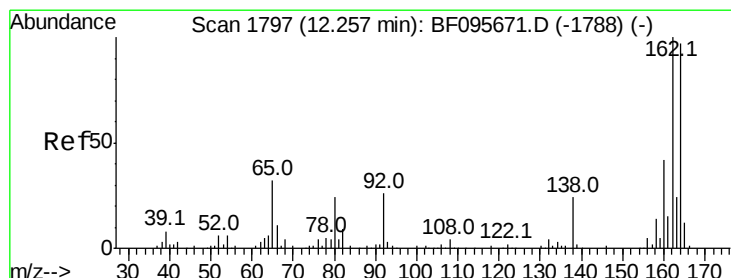
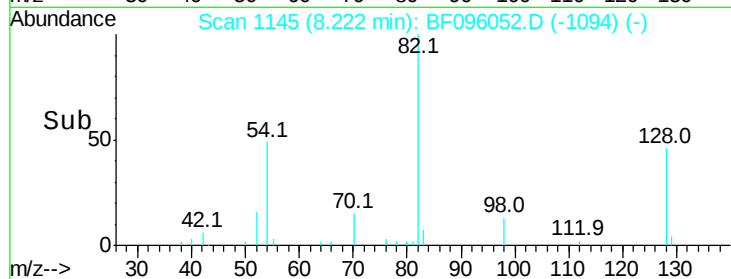
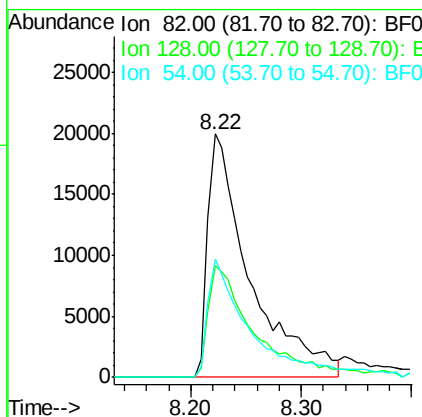
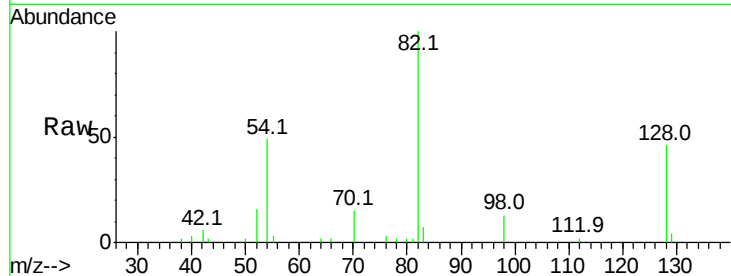
ClientSampleId :

FK-SF-02-001-C

Tot Ion:	82	Resp:	52412
Ion Ratio	Lower	Upper	
82	100		
128	46.1	34.0	51.0
54	48.6	42.2	63.2

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#38

Acenaphthene-d10

Concen: 20.00 ng

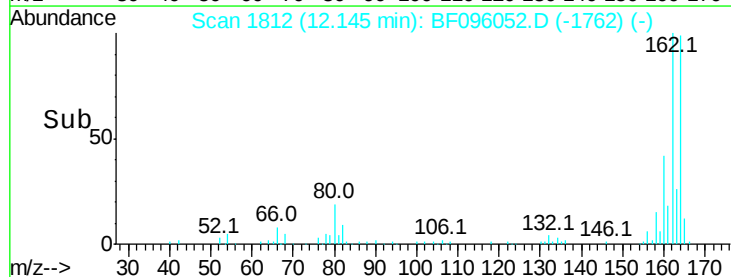
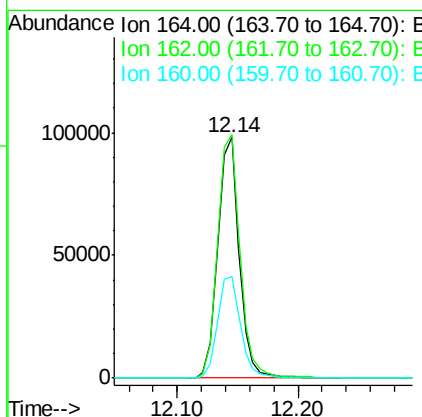
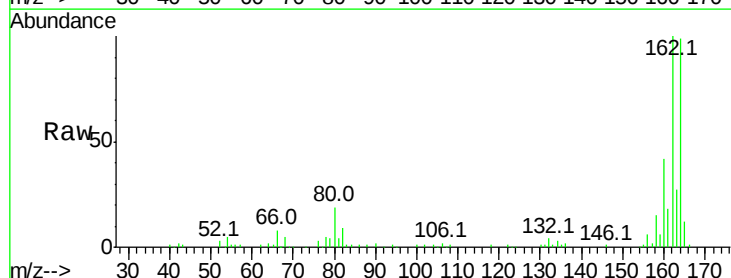
RT: 12.14 min Scan# 1812

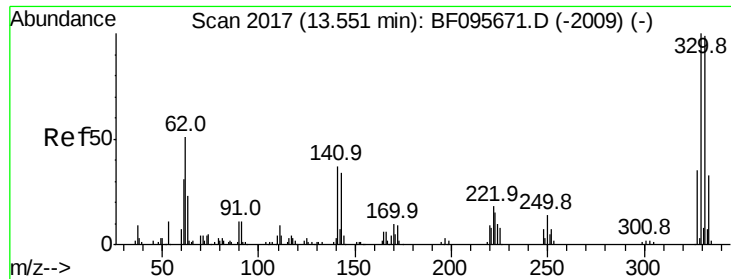
Delta R.T. -0.01 min

Lab File: BF096052.D

Acq: 20 Jun 2017 19:10

Tgt Ion:	164	Resp:	119978
Ion Ratio	Lower	Upper	
164	100		
162	101.1	82.6	123.8
160	42.0	36.2	54.2





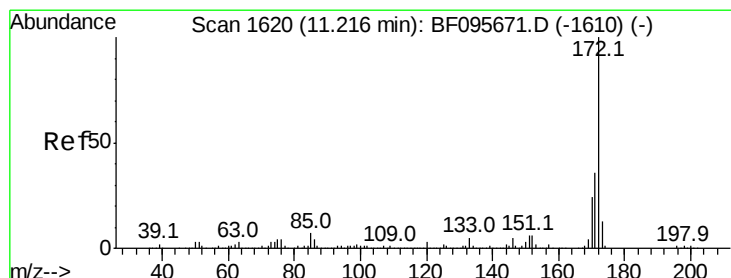
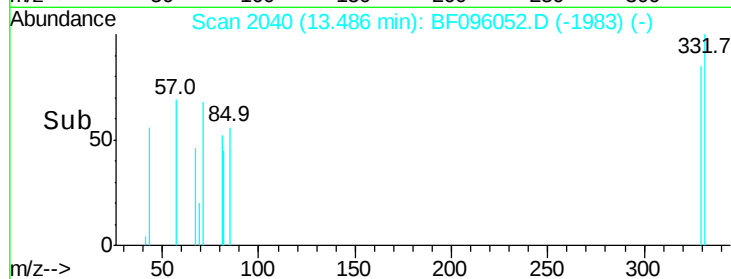
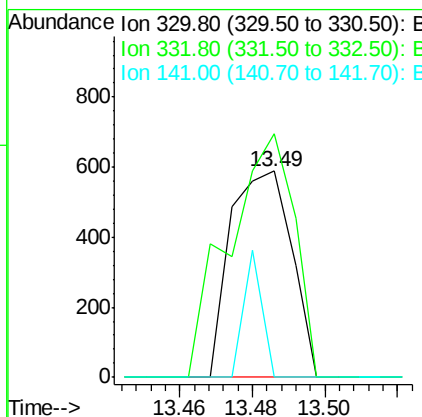
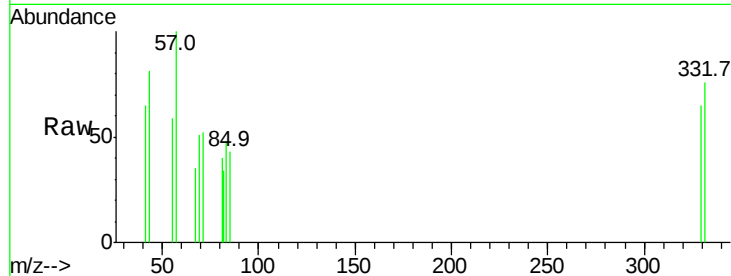
#41
 2,4,6-Tribromophenol
 Concen: 0.65 ng
 RT: 13.49 min Scan# 2040
 Delta R.T. 0.04 min
 Lab File: BF096052.D
 Acq: 20 Jun 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	126.2	76.6	115.0#
141	18.6	31.4	47.2#

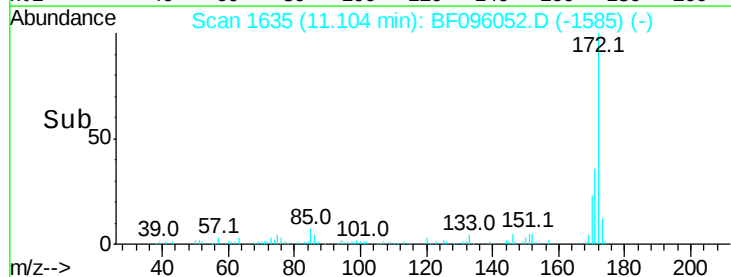
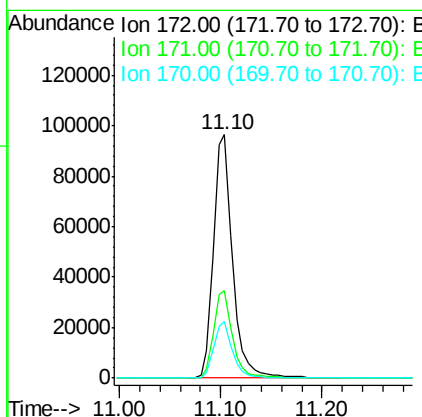
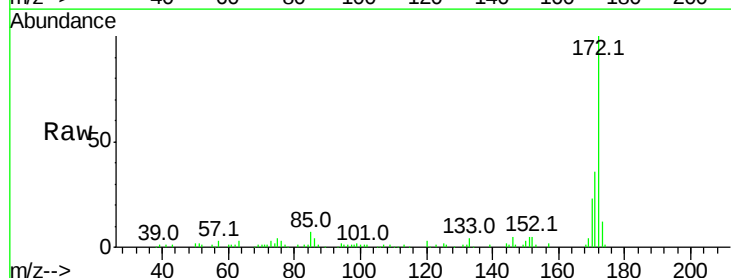
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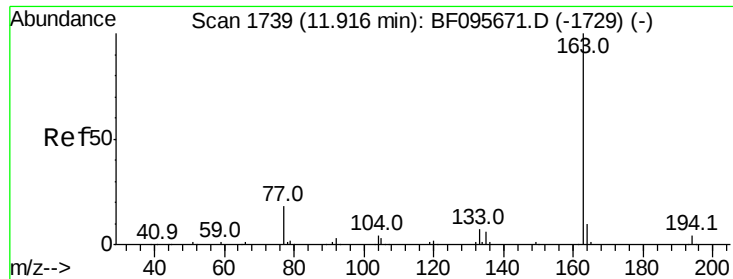
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#44
 2-Fluorobiphenyl
 Concen: 14.62 ng
 RT: 11.10 min Scan# 1635
 Delta R.T. -0.01 min
 Lab File: BF096052.D
 Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	23.4	19.8	29.8





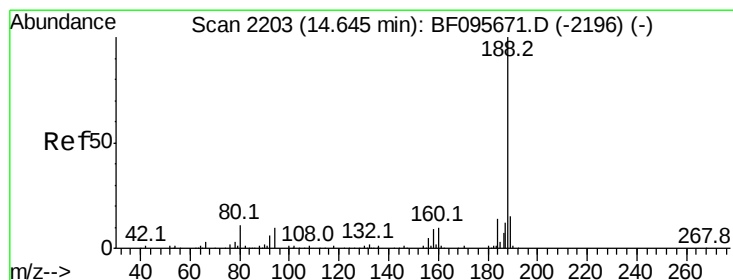
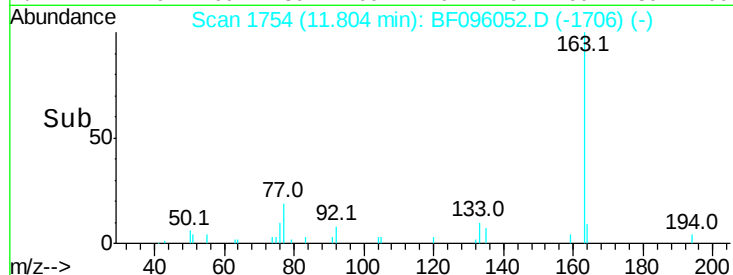
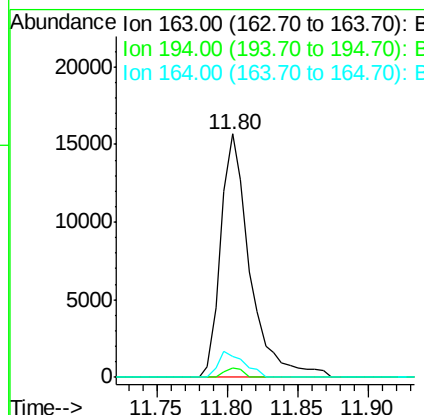
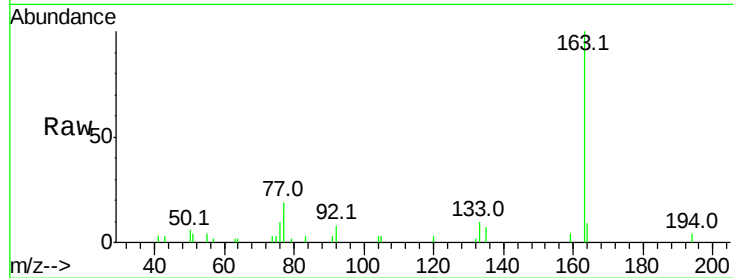
#49
Dimethylphthalate
Concen: 2.47 ng
RT: 11.80 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.6	4.0
164	8.8	8.4	12.6

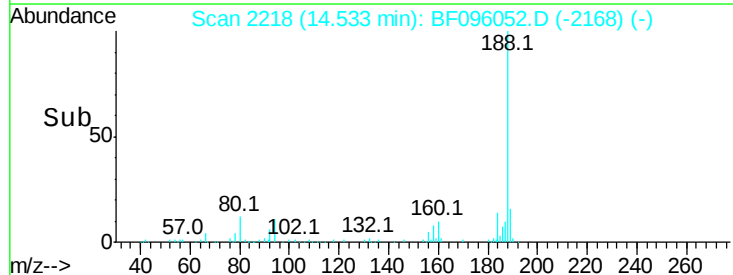
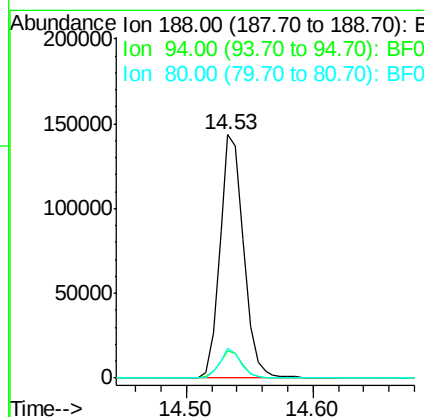
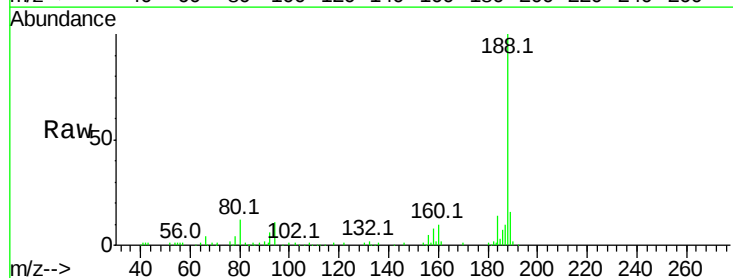
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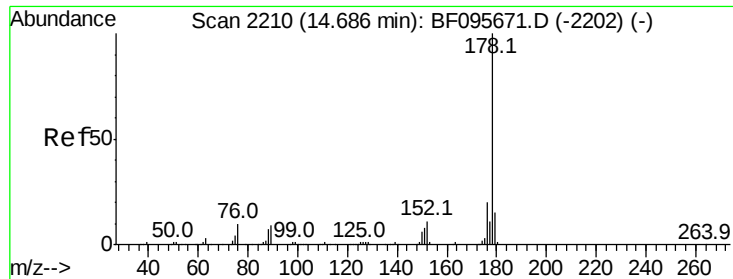
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.53 min Scan# 2218
Delta R.T. -0.01 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.2
80	12.1	10.2	15.2





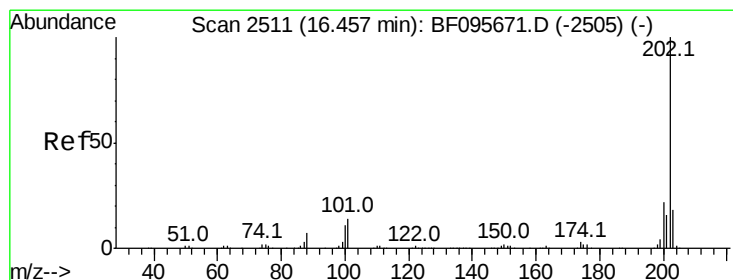
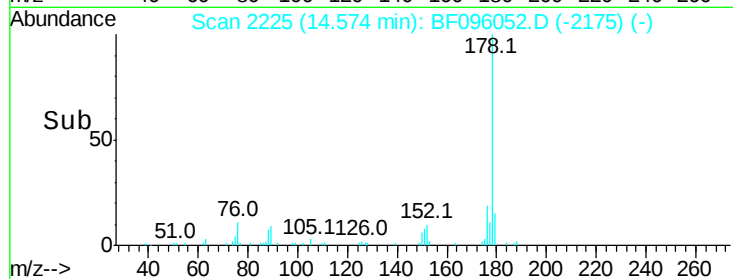
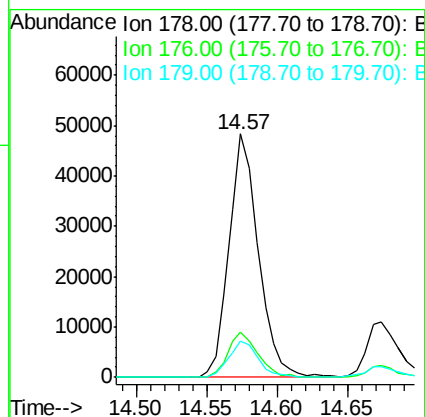
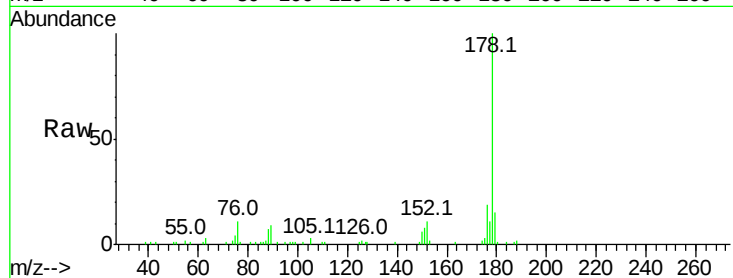
#70
Phenanthrene
Concen: 6.54 ng
RT: 14.57 min Scan# 2225
Delta R.T. -0.01 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.6	16.2	24.4
179	14.8	12.6	19.0

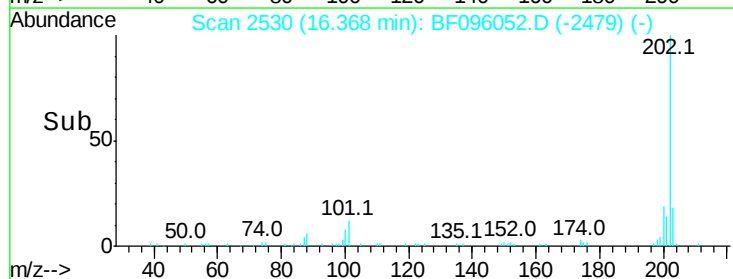
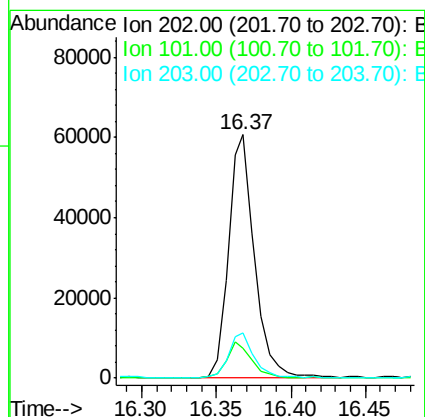
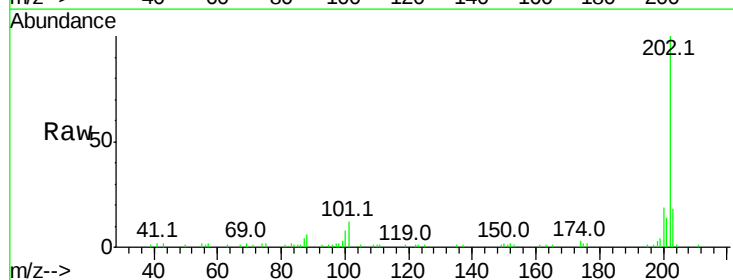
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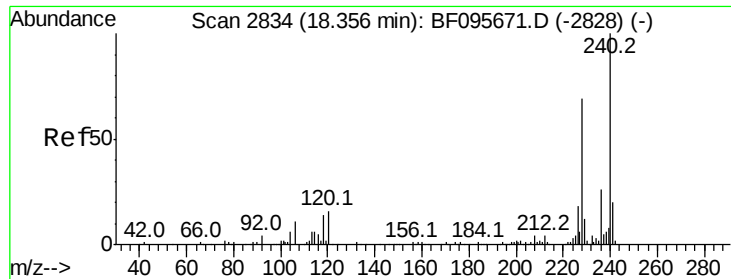
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#74
Fluoranthene
Concen: 6.98 ng
RT: 16.37 min Scan# 2530
Delta R.T. 0.00 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	33.2
203	18.4	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.27 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF096052.D

Acq: 20 Jun 2017 19:10

Instrument :

BNA_F

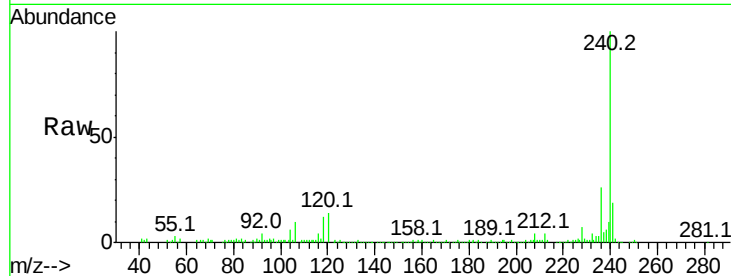
ClientSampleId :

FK-SF-02-001-C

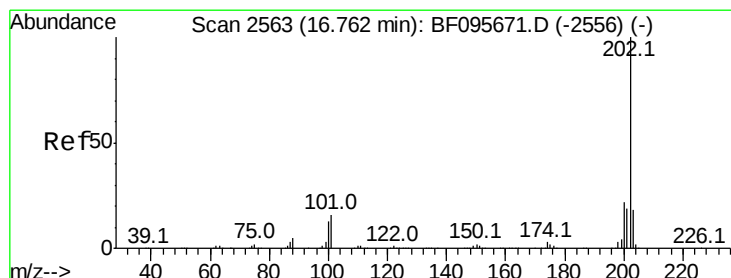
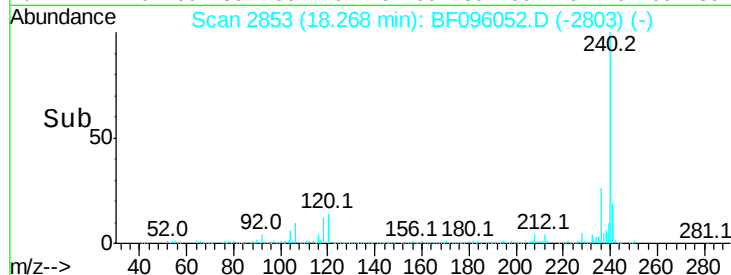
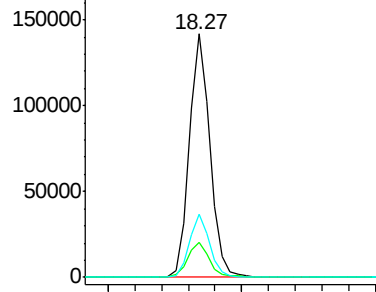
Tot Ion	Ratio	Lower	Upper
240	100		
120	14.3	5.8	8.8#
236	25.9	20.5	30.7

Manual Integrations
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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: 5.92 ng

RT: 16.67 min Scan# 2581

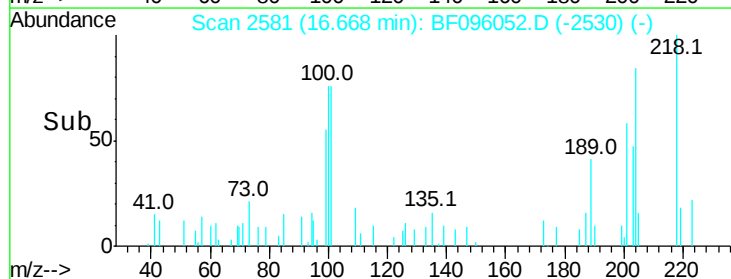
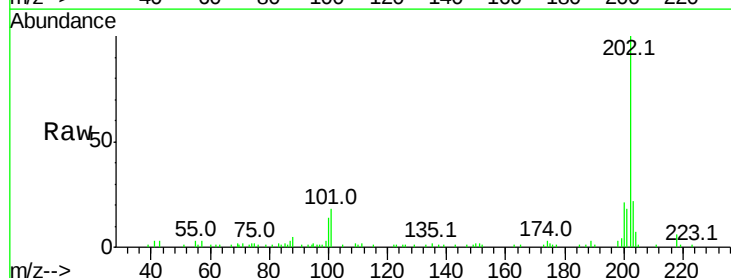
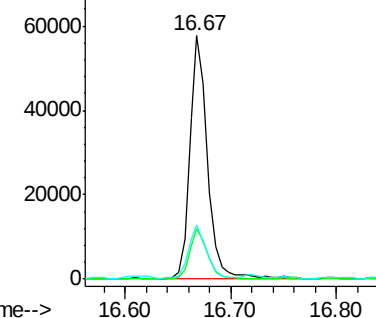
Delta R.T. 0.00 min

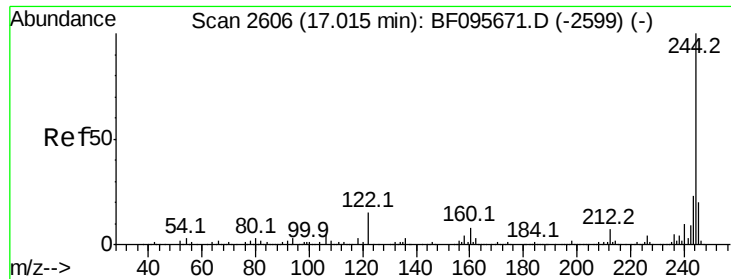
Lab File: BF096052.D

Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.7	17.6	26.4
203	22.4	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





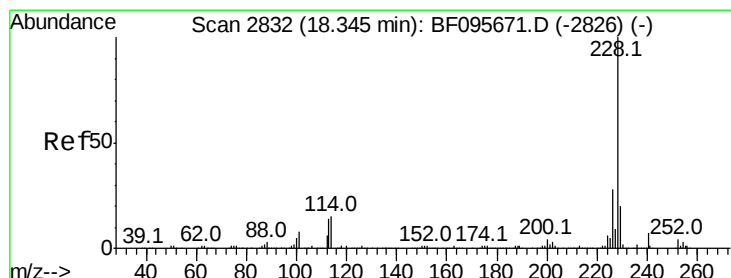
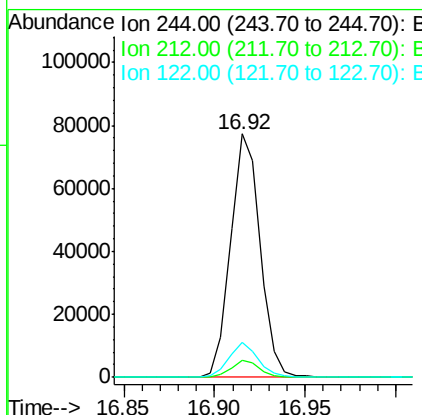
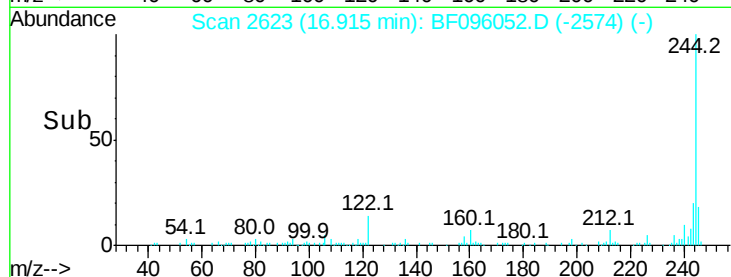
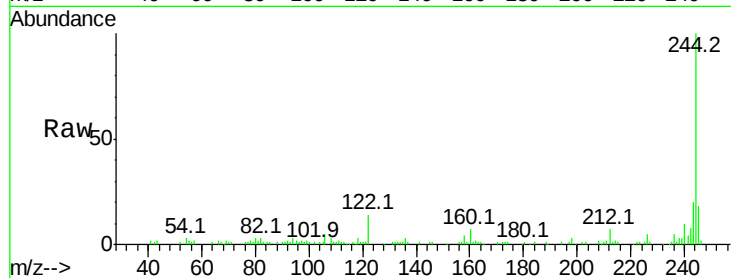
#78
 Terphenyl-d14
 Concen: 14.02 ng
 RT: 16.92 min Scan# 2623
 Delta R.T. -0.01 min
 Lab File: BF096052.D
 Acq: 20 Jun 2017 19:10

Instrument :
 BNA_F
 ClientSampleId :
 FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.0	9.0
122	14.4	10.3	15.5

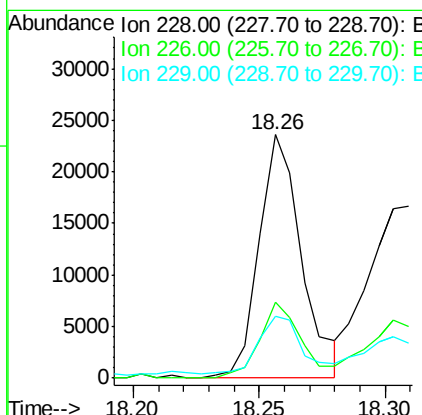
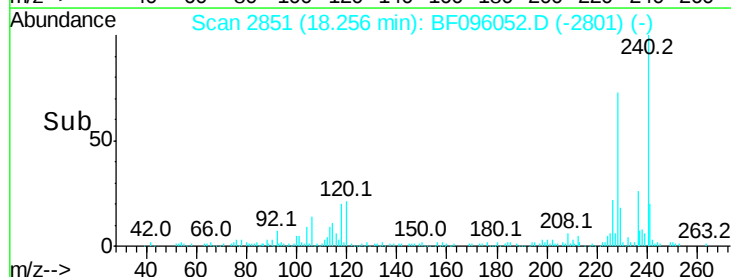
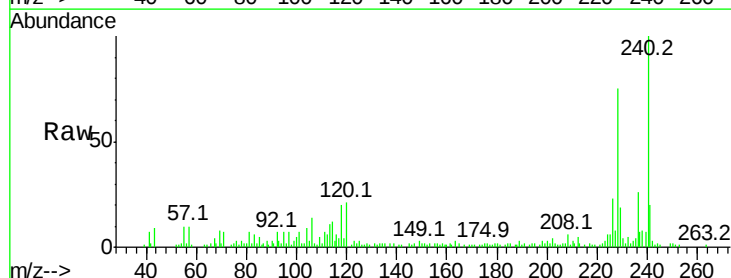
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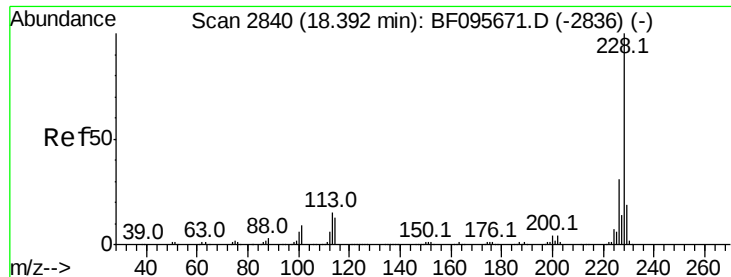
mohammad
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#80
 Benzo(a)anthracene
 Concen: 3.08 ng m
 RT: 18.26 min Scan# 2851
 Delta R.T. -0.01 min
 Lab File: BF096052.D
 Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	22.6	33.8
229	25.6	16.3	24.5





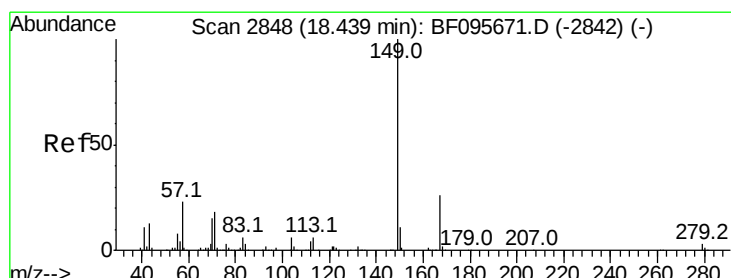
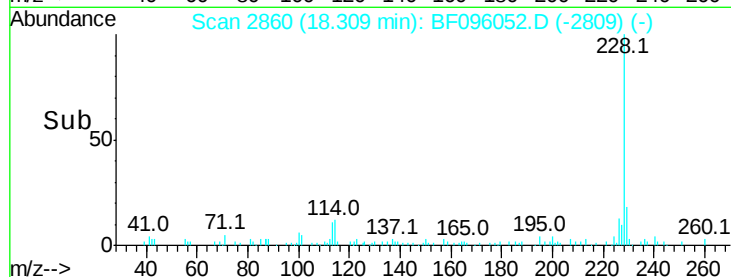
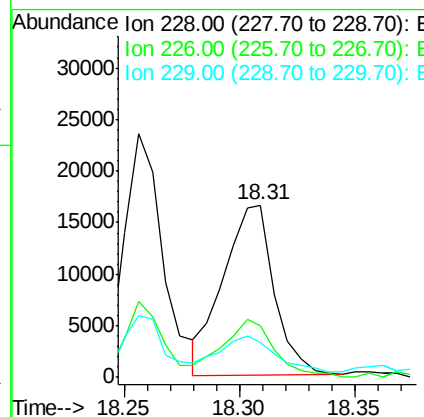
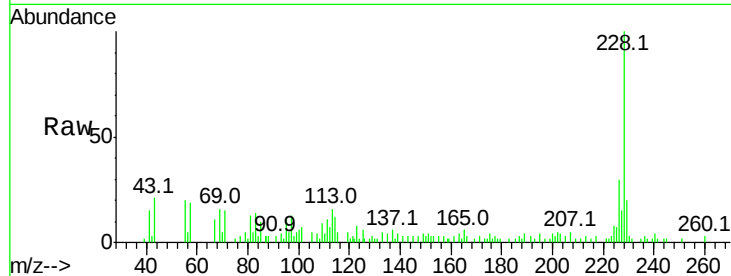
#82
Chrysene
Concen: 2.80 ng
RT: 18.31 min Scan# 2860
Delta R.T. 0.00 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.9	37.3
229	20.5	15.8	23.6

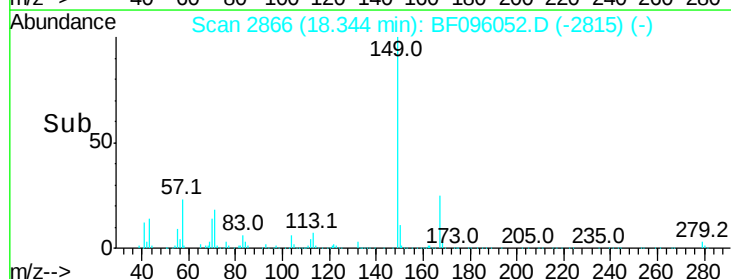
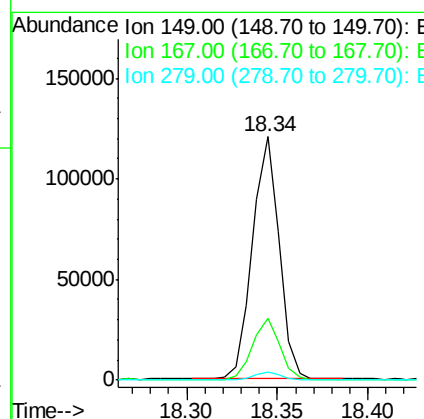
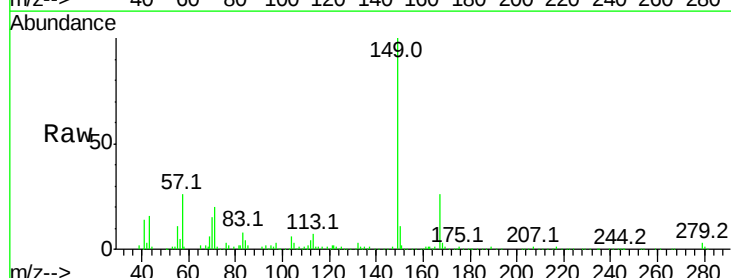
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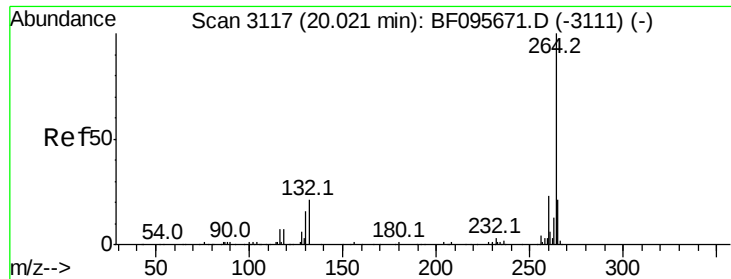
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#83
Bis(2-ethylhexyl)phthalate
Concen: 17.28 ng
RT: 18.34 min Scan# 2866
Delta R.T. 0.00 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
149	100		
167	25.5	21.0	31.4
279	3.1	1.9	2.9#





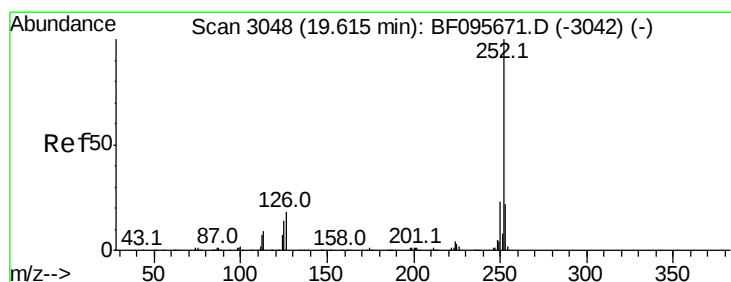
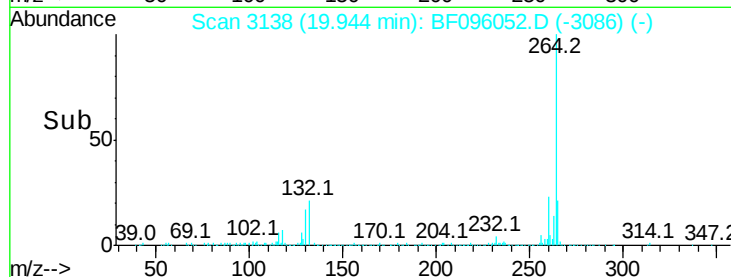
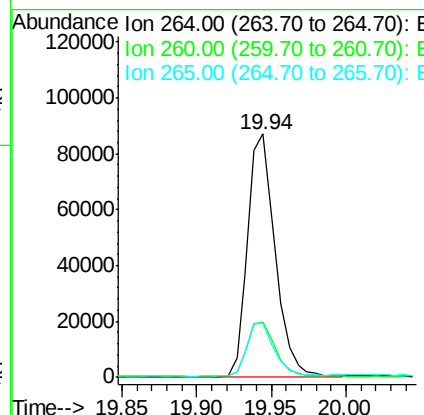
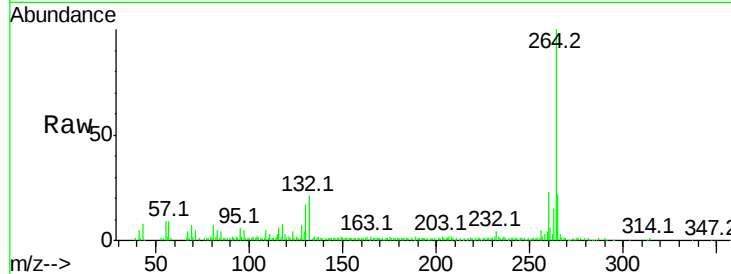
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.94 min Scan# 3138
Delta R.T. 0.01 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Instrument :
BNA_F
ClientSampleId :
FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	22.1	17.2	25.8

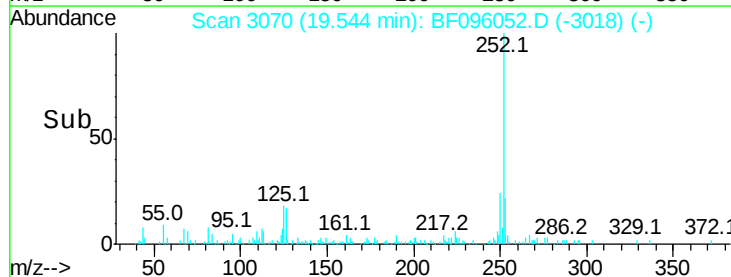
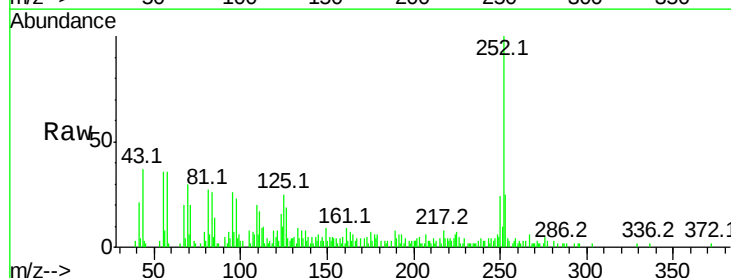
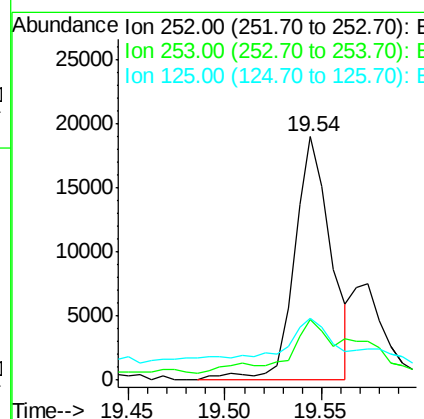
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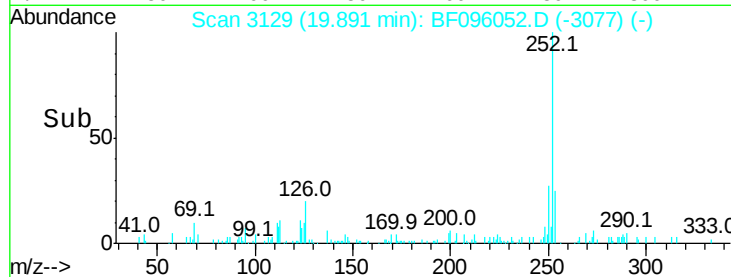
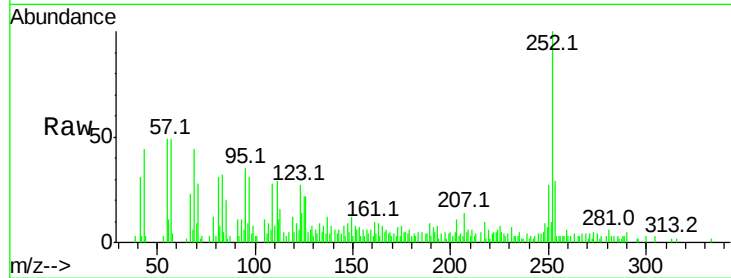
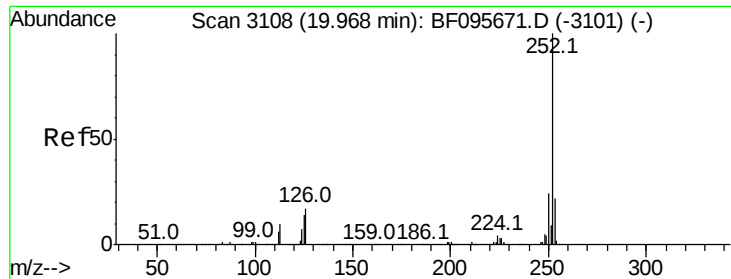
mohammad
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#87
Benzo(b)fluoranthene
Concen: 3.61 ng m
RT: 19.54 min Scan# 3070
Delta R.T. 0.01 min
Lab File: BF096052.D
Acq: 20 Jun 2017 19:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.9	18.1	27.1
125	25.3	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.51 ng

RT: 19.89 min Scan# 3129

Delta R.T. 0.01 min

Lab File: BF096052.D

Acq: 20 Jun 2017 19:10

Instrument :

BNA_F

ClientSampleId :

FK-SF-02-001-C

Tot Ion	Ratio	Lower	Upper
252	100		
253	29.2	17.5	26.3#
125	22.0	11.0	16.4#

Manual Integrations
APPROVED

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