

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096959.D
 Acq On : 21 Jul 2017 22:19
 Operator : SJ/JU
 Sample : I4358-01 5X
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

Manual Integrations
 APPROVED

Sohil
 7/24/2017 3:05:25 PM

Quant Time: Jul 22 02:13:07 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	103791	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	346532	20.00	ng	-0.05
38) Acenaphthene-d10	9.58	164	131403	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	163758	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	201193	20.00	ng	-0.05
86) Perylene-d12	15.05	264	212195	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	139133	20.16	ng	-0.04
7) Phenol-d6	6.20	99	158738	19.16	ng	-0.05
23) Nitrobenzene-d5	7.12	82	83624	14.95	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	16826	15.00	ng	-0.05
44) 2-Fluorobiphenyl	8.91	172	147648	17.75	ng	-0.05
78) Terphenyl-d14	12.64	244	87461	7.54	ng	-0.05
Target Compounds						
74) Fluoranthene	12.26	202	31768	3.727	ng	Qvalue 82
85) Indeno(1,2,3-cd)pyrene	16.30	276	8266	4.025	ng	# 90
87) Benzo(b)fluoranthene	14.68	252	25821m	2.018	ng	

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

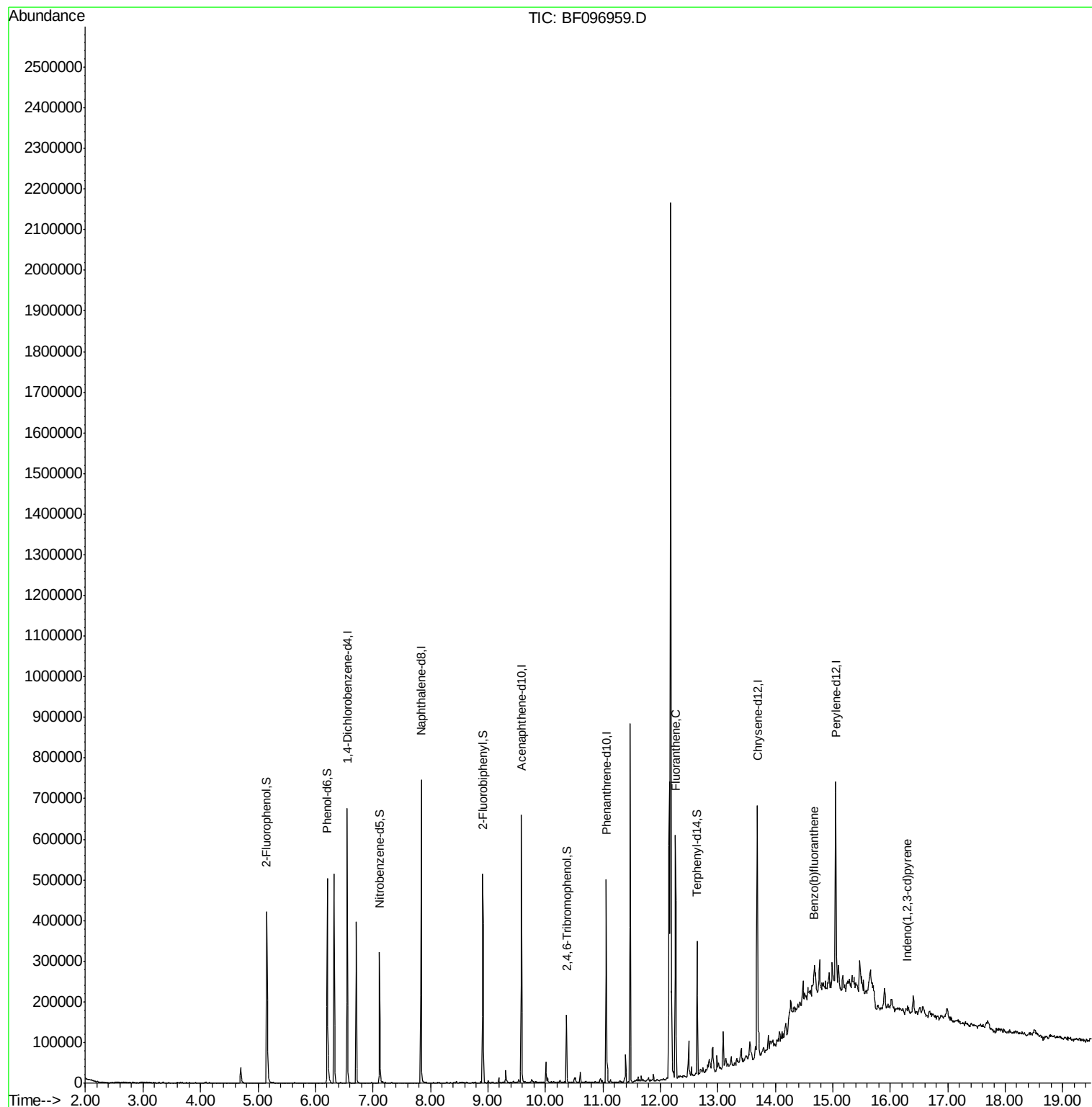
Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
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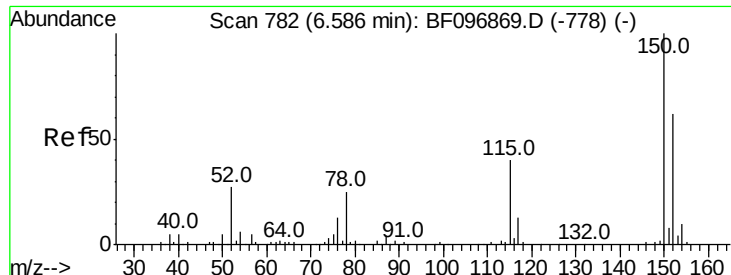
Instrument :
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#1

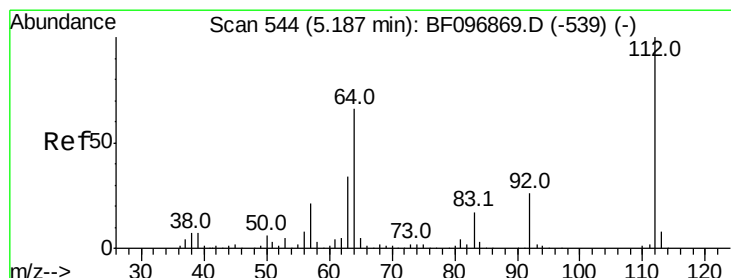
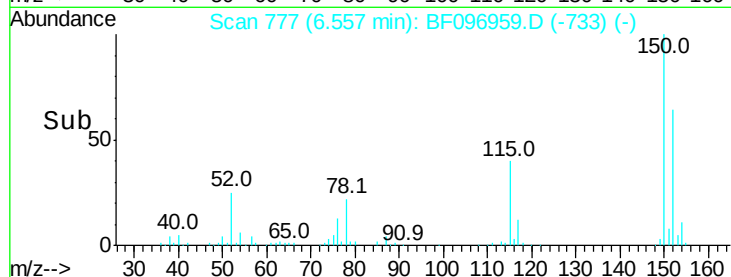
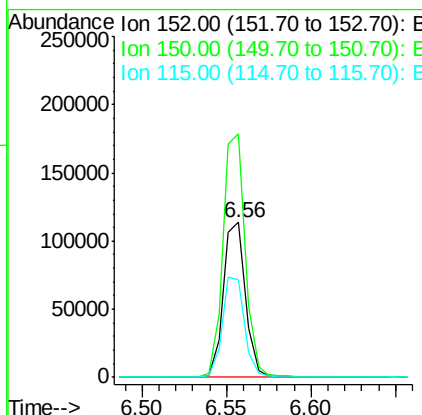
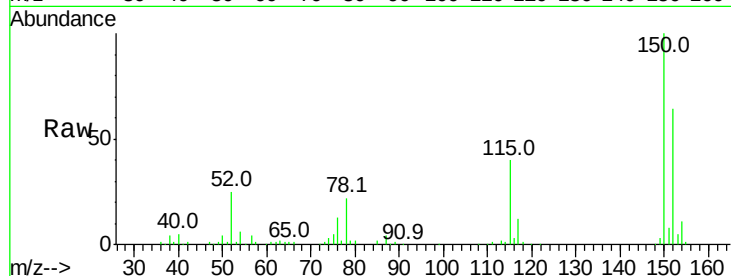
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.56 min Scan# 777
Delta R.T. -0.04 min
Lab File: BF096959.D
Acq: 21 Jul 2017 22:19

Instrument :
BNA_F
ClientSampleId :
TR-05-072017

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.2	126.2	189.2
115	63.0	52.2	78.2

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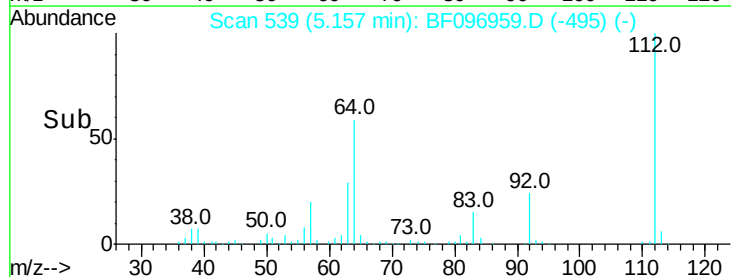
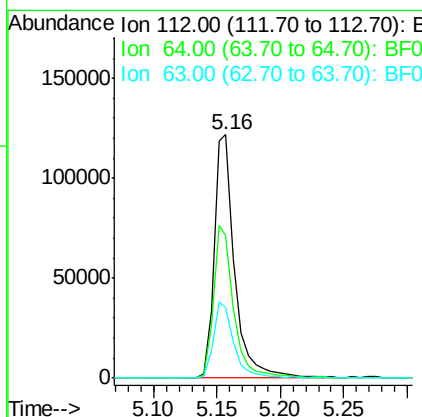
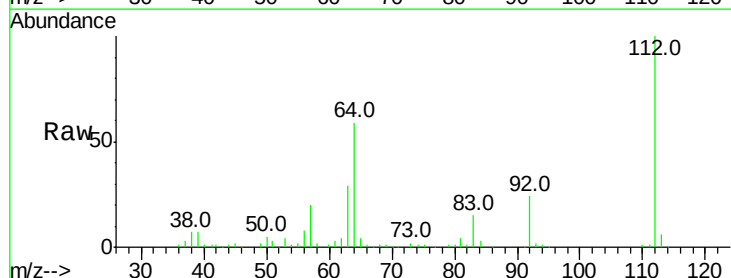
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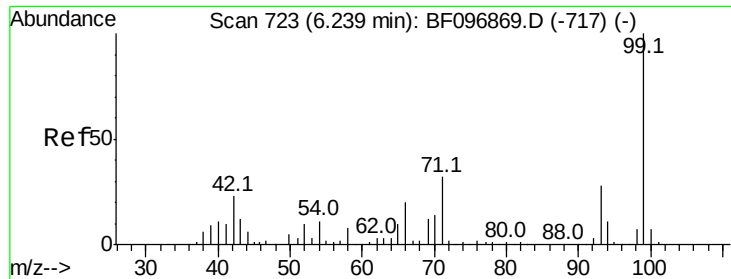


#5

2-Fluorophenol
Concen: 20.156 ng
RT: 5.16 min Scan# 539
Delta R.T. -0.04 min
Lab File: BF096959.D
Acq: 21 Jul 2017 22:19

Tgt Ion	Ratio	Lower	Upper
112	100		
64	58.5	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

Concen: 19.163 ng

RT: 6.20 min Scan# 717

Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Instrument :

BNA_F

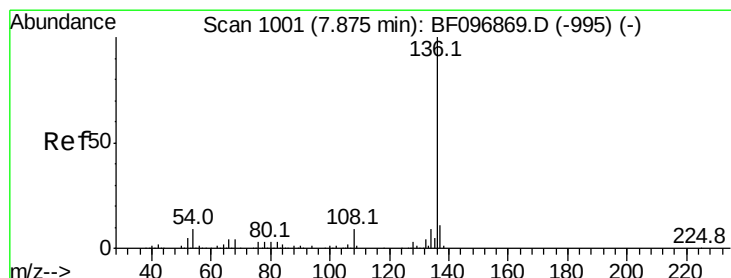
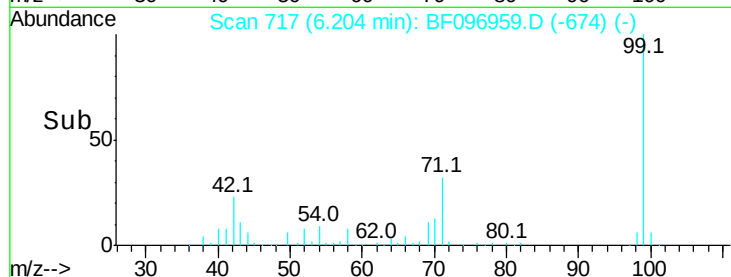
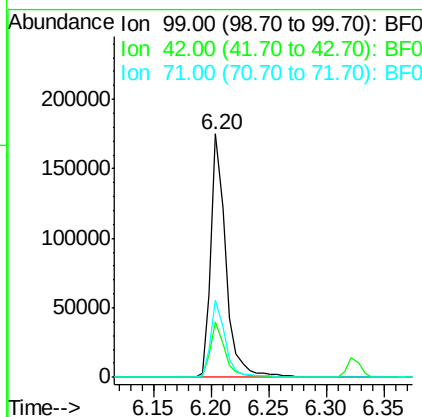
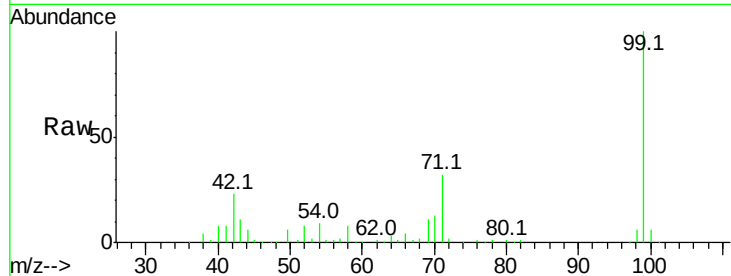
ClientSampleId :

TR-05-072017

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		158738		
42	22.8	13.5	20.3#		
71	31.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.000 ng

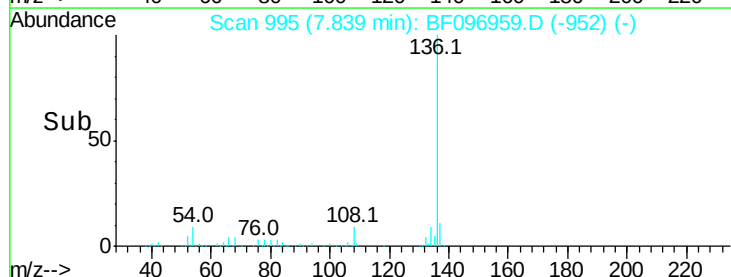
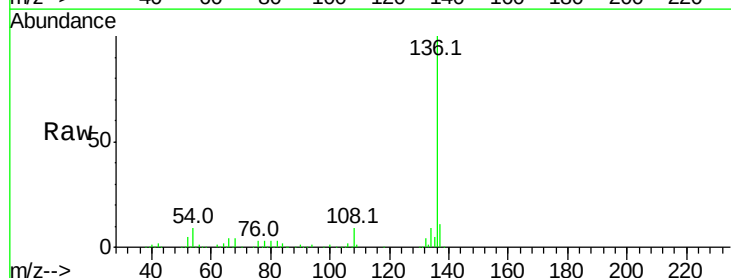
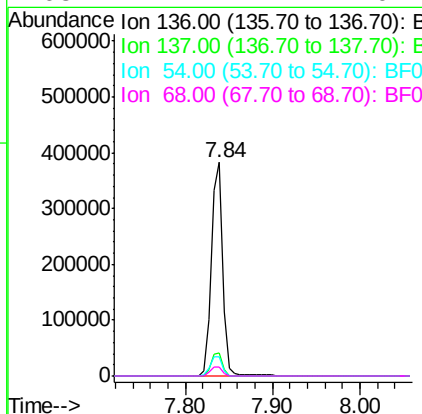
RT: 7.84 min Scan# 995

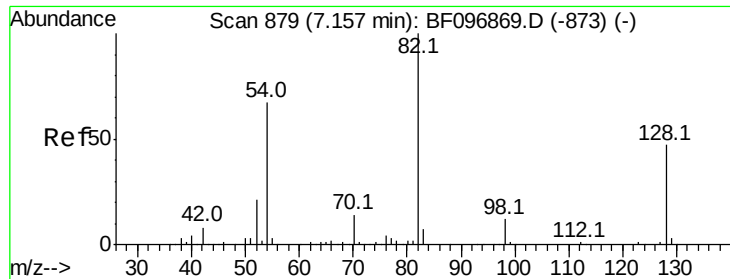
Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		346532		
137	10.5	8.5	12.7		
54	9.3	4.9	7.3#		
68	4.4	4.1	6.1		





#23

Nitrobenzene-d5

Concen: 14.947 ng

RT: 7.12 min Scan# 872

Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Instrument :

BNA_F

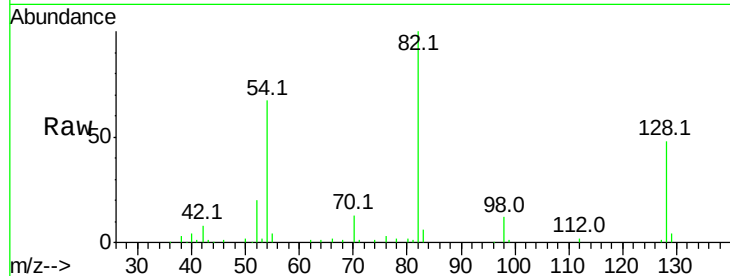
ClientSampled :

TR-05-072017

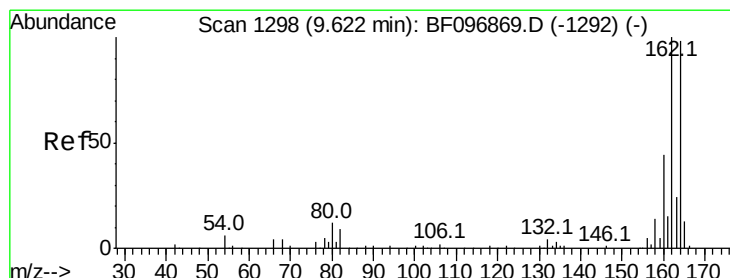
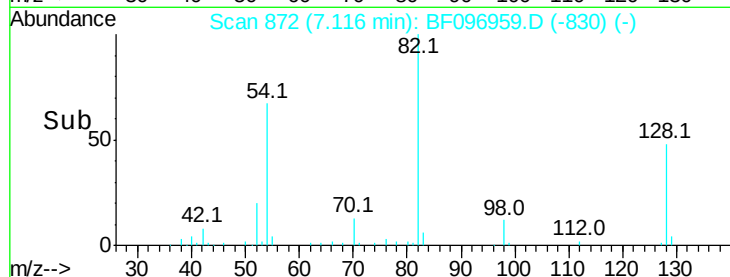
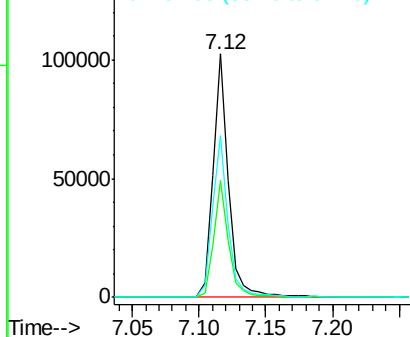
Tot Ion	Ratio	Lower	Upper
82	100		
128	48.1	34.0	51.0
54	66.5	42.2	63.2

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Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.58 min Scan# 1291

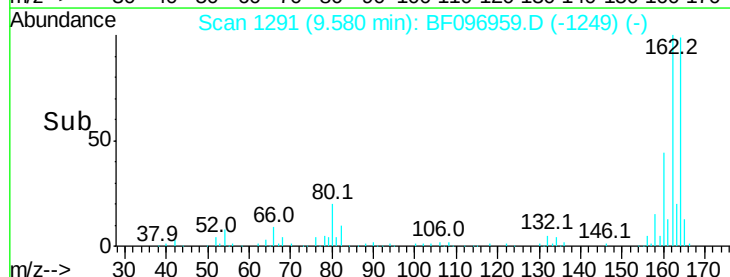
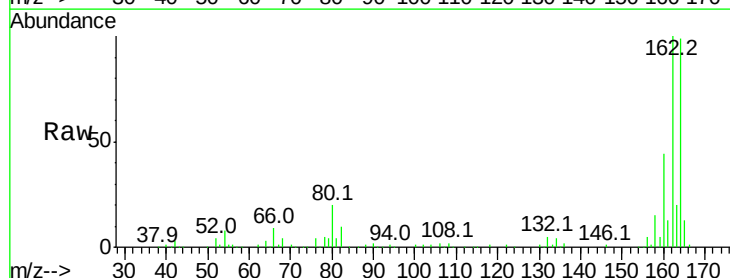
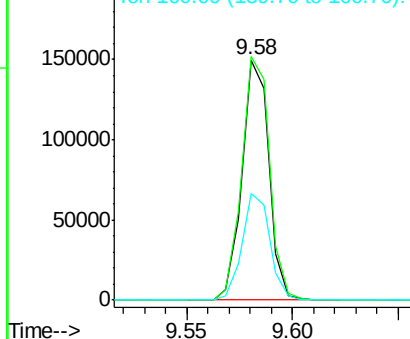
Delta R.T. -0.05 min

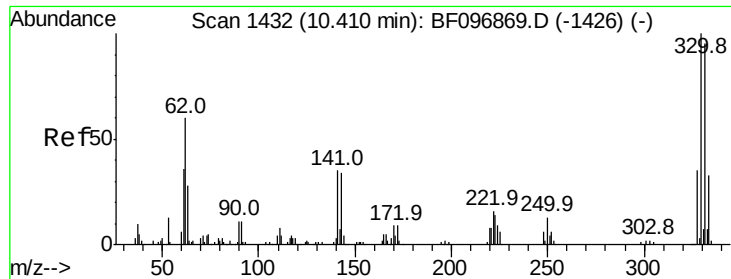
Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.4	82.6	123.8
160	44.6	36.2	54.2

Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 15.001 ng

RT: 10.37 min Scan# 1425

Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Instrument :

BNA_F

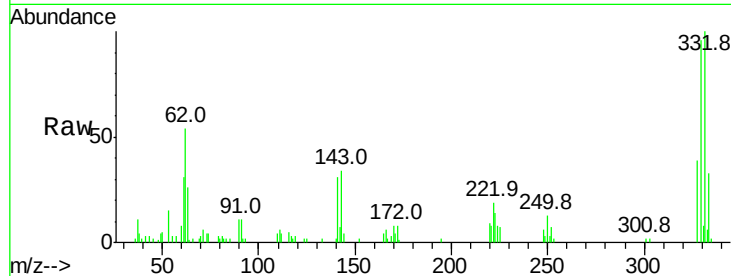
ClientSampled :

TR-05-072017

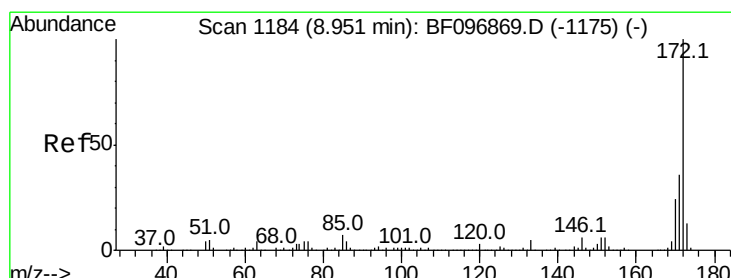
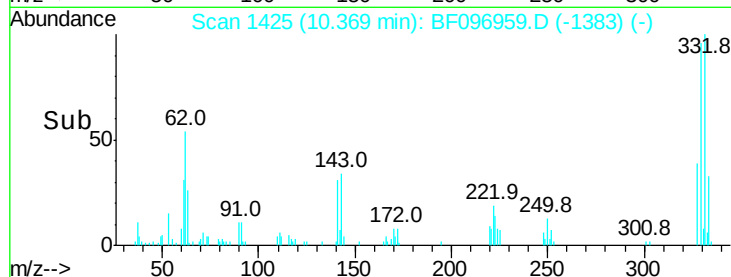
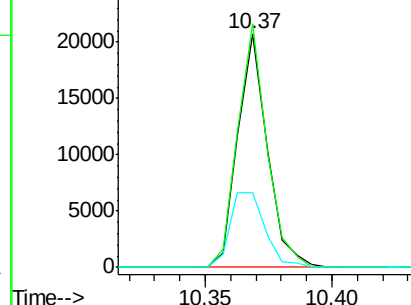
Tot Ion:	330	Resp:	16826
Ion Ratio	Lower	Upper	
330	100		
332	102.4	76.6	115.0
141	38.1	31.4	47.2

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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: 17.752 ng

RT: 8.91 min Scan# 1177

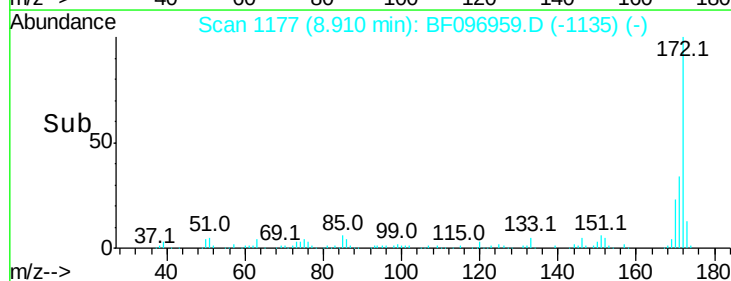
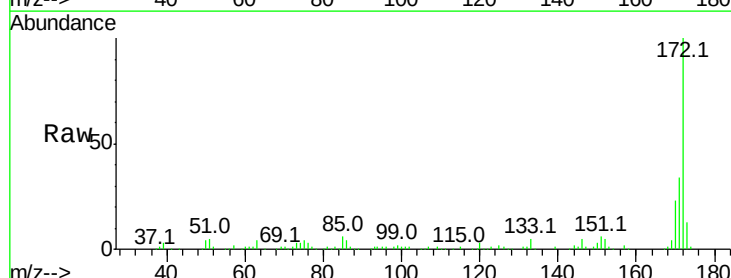
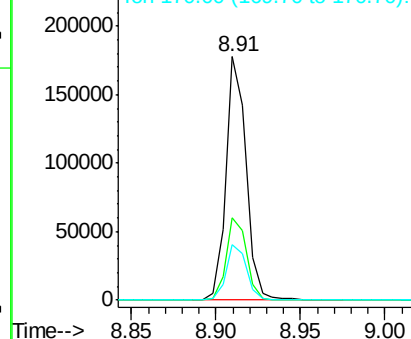
Delta R.T. -0.05 min

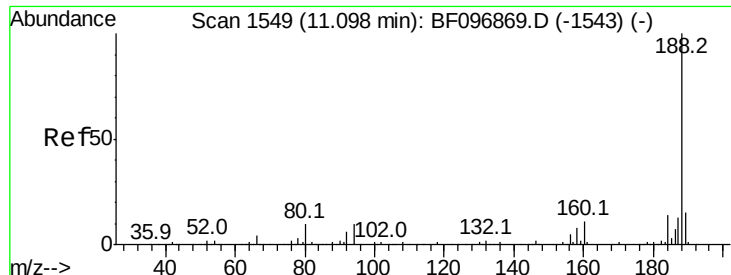
Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Tgt Ion:	172	Resp:	147648
Ion Ratio	Lower	Upper	
172	100		
171	33.6	29.6	44.4
170	22.7	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: 11.06 min Scan# 1542

Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Instrument :

BNA_F

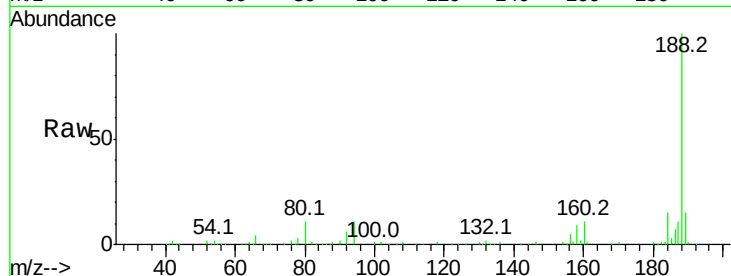
ClientSampled :

TR-05-072017

Tot Ion:	188	Resp:	163758
Ion Ratio	Lower	Upper	
188	100		
94	10.5	9.4	14.2
80	10.9	10.2	15.2

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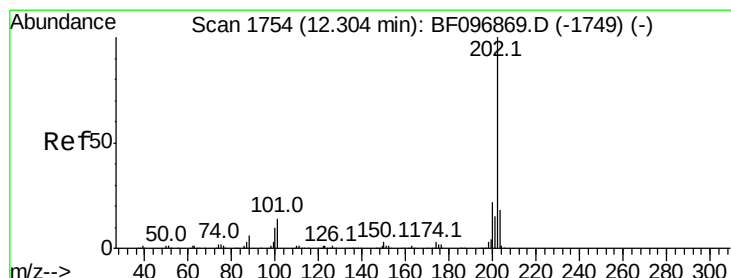
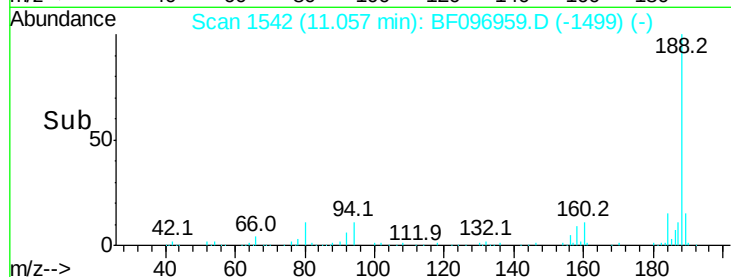
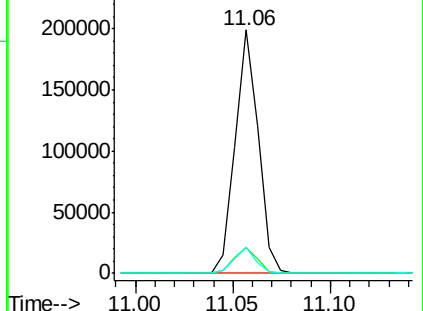
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#74

Fluoranthene

Concen: 3.727 ng

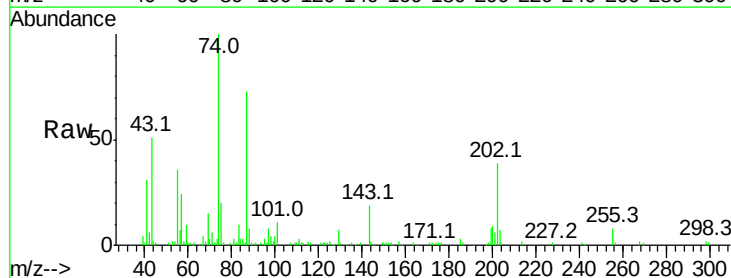
RT: 12.26 min Scan# 1747

Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

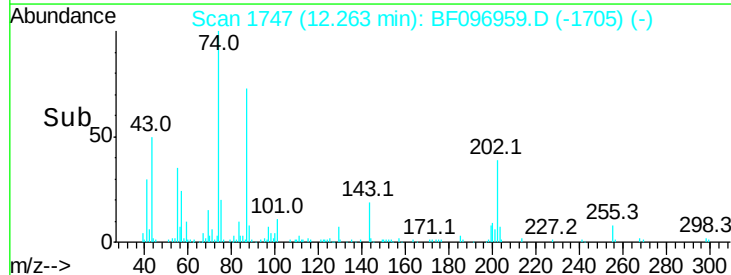
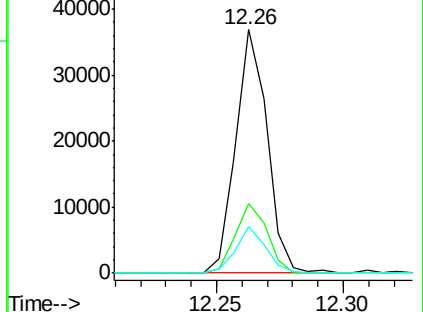
Tgt Ion:	202	Resp:	31768
Ion Ratio	Lower	Upper	
202	100		
101	28.7	0.0	33.2
203	19.2	0.0	38.1

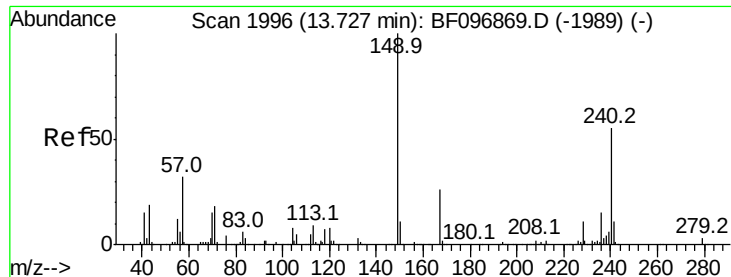


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.69 min Scan# 1989

Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Instrument :

BNA_F

ClientSampleId :

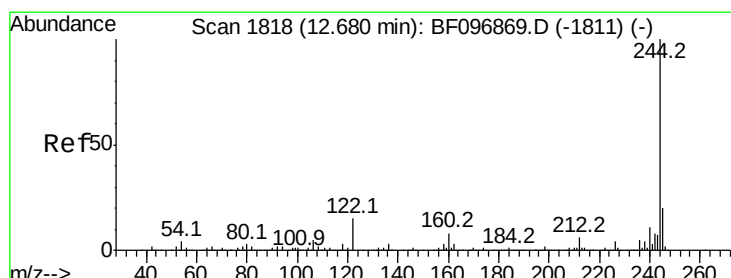
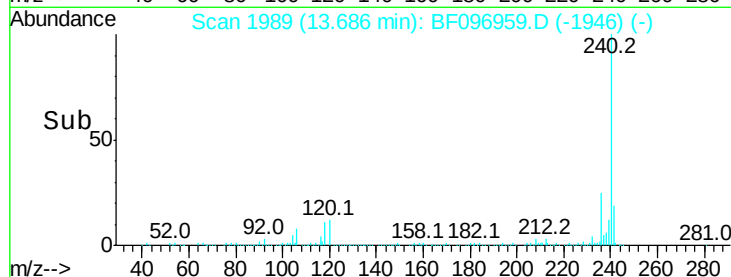
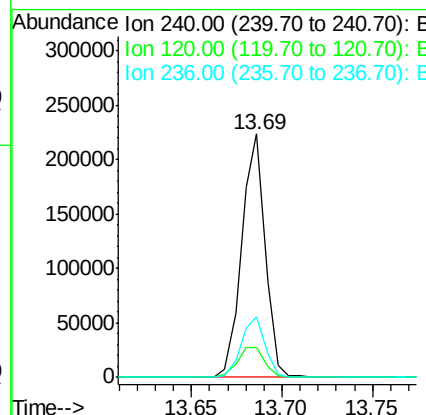
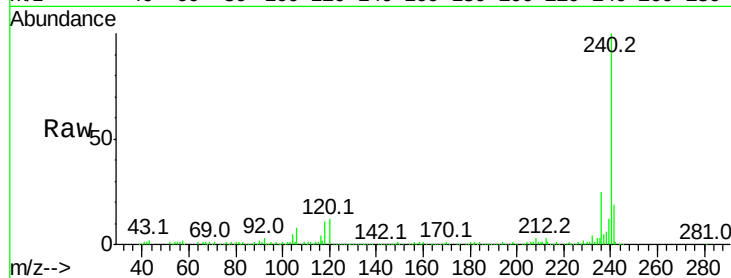
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Tot Ion	Ratio	Lower	Upper
240	100		
120	12.4	5.8	8.8#
236	24.8	20.5	30.7

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#78

Terphenyl-d14

Concen: 7.539 ng

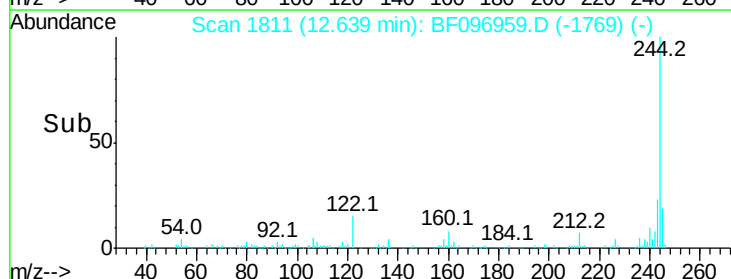
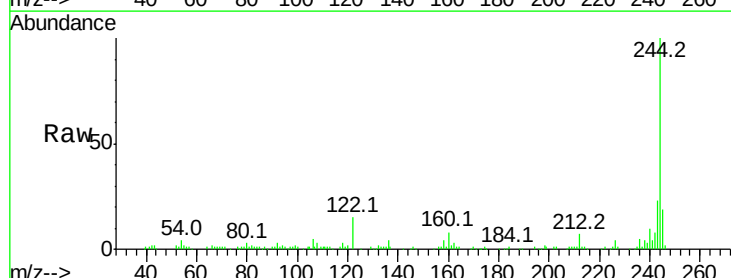
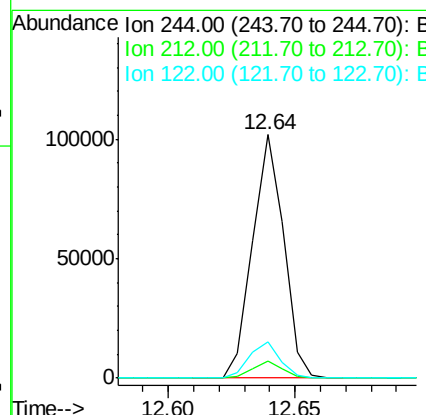
RT: 12.64 min Scan# 1811

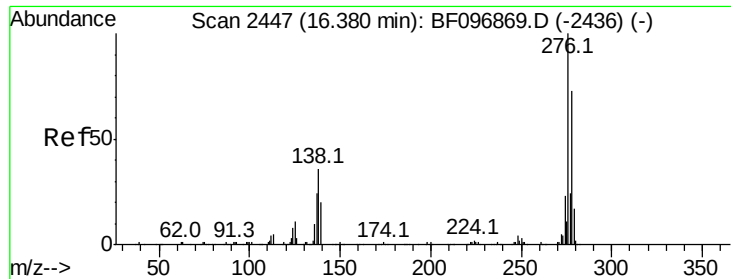
Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.0	9.0
122	14.8	10.3	15.5





#85

Indeno(1,2,3-cd)pyrene

Concen: 4.025 ng

RT: 16.30 min Scan# 2434

Delta R.T. -0.09 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Instrument :

BNA_F

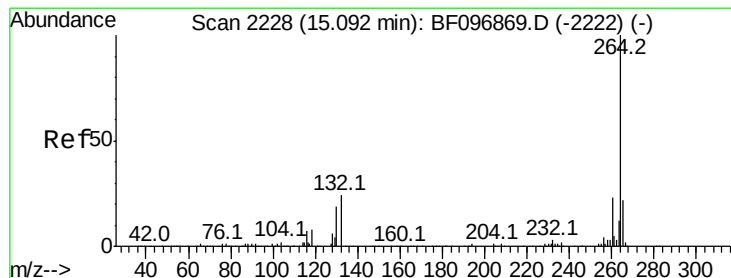
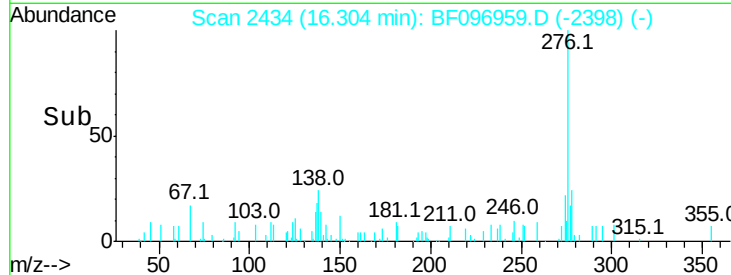
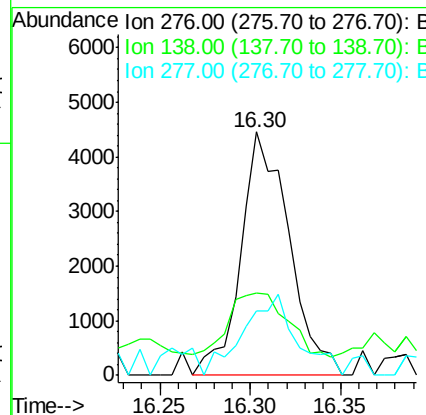
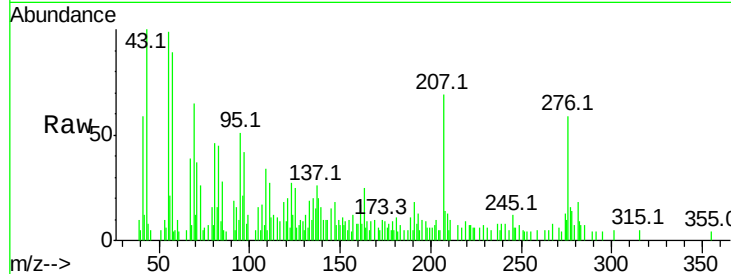
ClientSampleId :

TR-05-072017

Tot Ion:	276	Resp:	8266
Ion Ratio	Lower	Upper	
276	100		
138	34.4	27.8	41.6
277	36.8	20.2	30.4

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#86

Perylene-d12

Concen: 20.000 ng

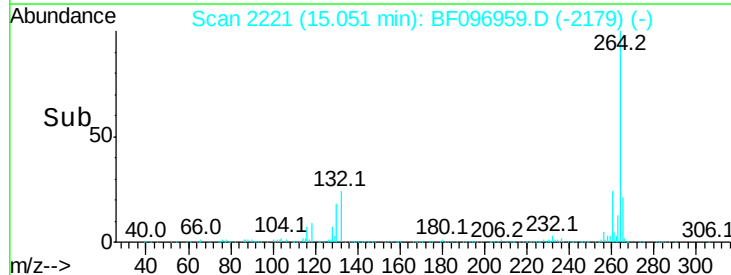
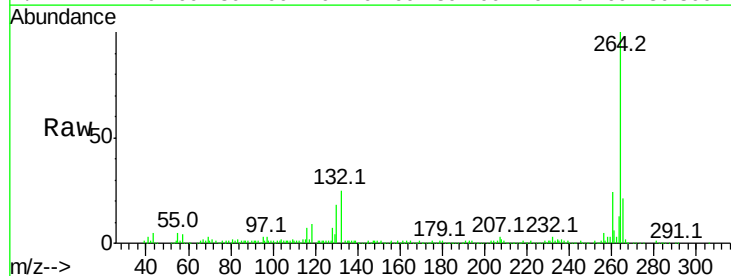
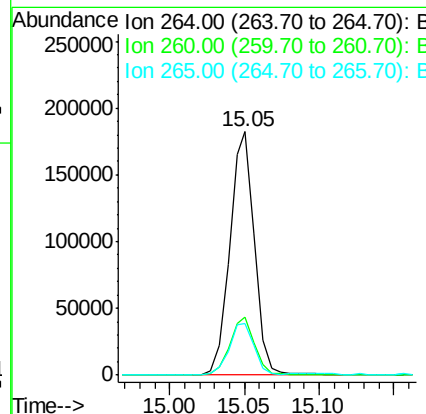
RT: 15.05 min Scan# 2221

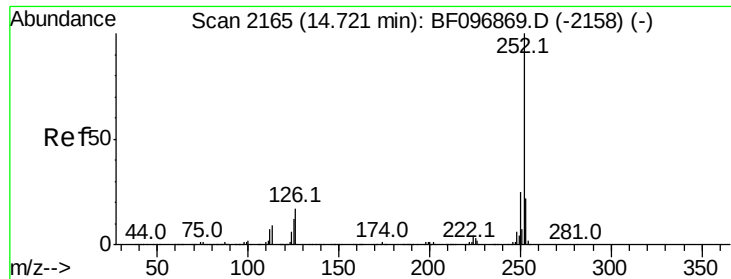
Delta R.T. -0.05 min

Lab File: BF096959.D

Acq: 21 Jul 2017 22:19

Tgt Ion:	264	Resp:	212195
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	21.0	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.018 ng/ml
 RT: 14.68 min Scan# 2158
 Delta R.T. -0.05 min
 Lab File: BF096959.D
 Acq: 21 Jul 2017 22:19

Instrument :
 BNA_F
 ClientSampleId :
 TR-05-072017

Tot Ion	Ratio	Lower	Upper
252	100		
253	27.2	18.1	27.1#
125	23.5	9.8	14.8#

Manual Integrations
 APPROVED

Sohil
 7/24/2017 3:05:25 PM

