

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096317.D
 Acq On : 30 Jun 2017 3:00
 Operator : SJ/MA
 Sample : I3883-02 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G45-1.5-3

Manual Integrations
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mohammad
 6/30/2017 2:52:27 PM

Quant Time: Jun 30 04:14:18 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	141853	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	525943	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	187402	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	301047	20.00	ng	0.00
75) Chrysene-d12	13.92	240	265885	20.00	ng	0.00
86) Perylene-d12	15.35	264	178394	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	100380	10.19	ng	0.00
7) Phenol-d6	6.39	99	119120	9.99	ng	0.00
23) Nitrobenzene-d5	7.32	82	55996	7.37	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	17030	11.55	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	100216	9.79	ng	-0.02
78) Terphenyl-d14	12.87	244	79476	7.46	ng	0.00
Target Compounds						
74) Fluoranthene	12.49	202	34022	2.03	ng	92
77) Pyrene	12.72	202	53113	2.43	ng	99
87) Benzo(b)fluoranthene	14.94	252	29754m	2.54	ng	

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

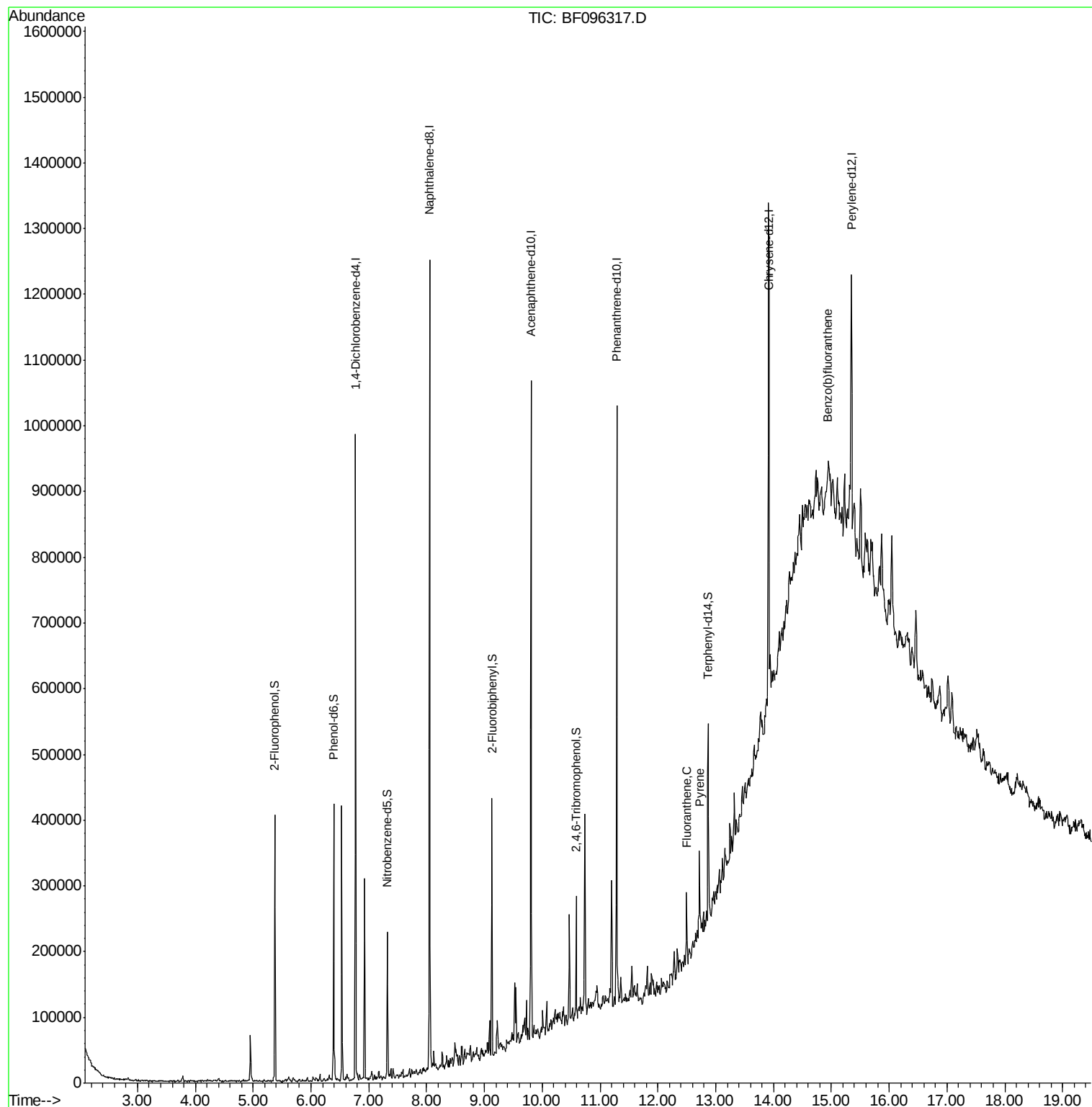
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096317.D
Acq On : 30 Jun 2017 3:00
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Misc :
ALS Vial : 23 Sample Multiplier: 1

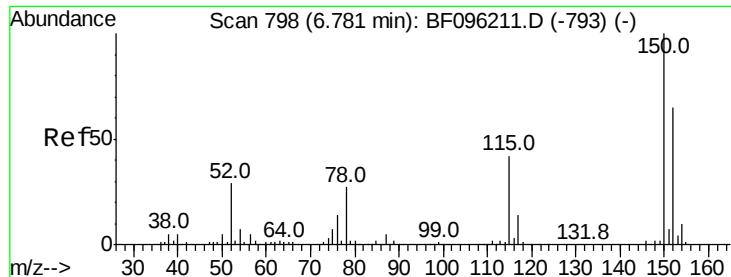
Instrument :
BNA_F
ClientSampleId :
G45-1.5-3

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Quant Time: Jun 30 04:14:18 2017
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#1

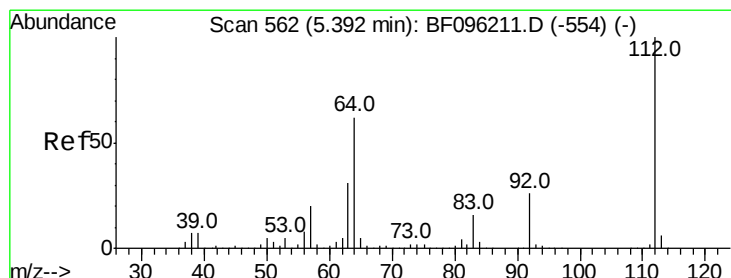
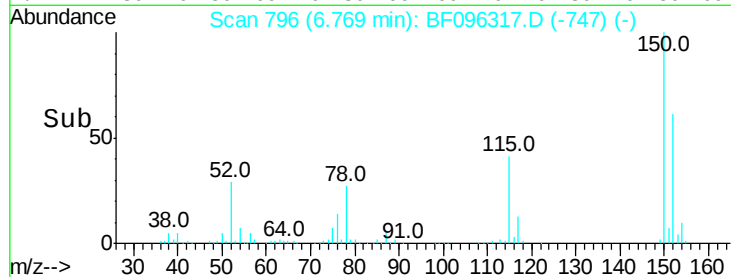
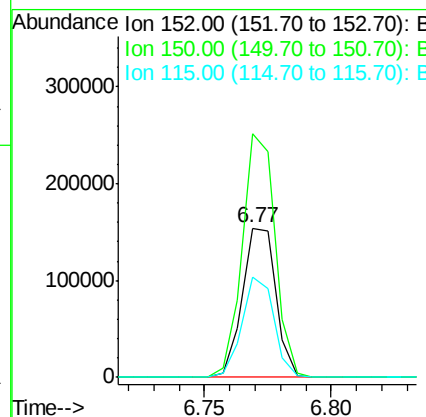
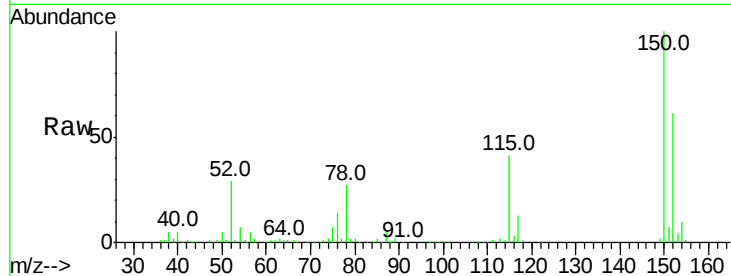
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Instrument :
BNA_F
ClientSampleId :
G45-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.8	126.2	189.2
115	66.9	52.2	78.2

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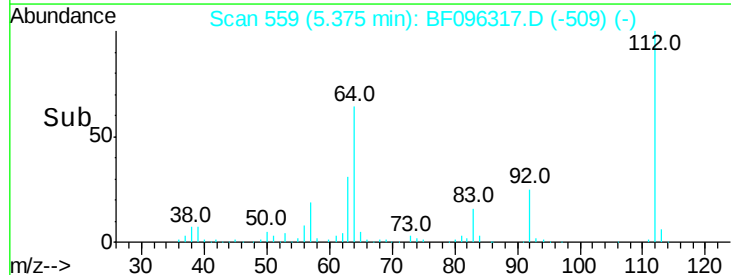
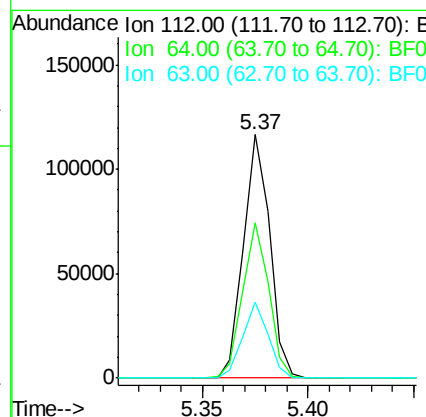
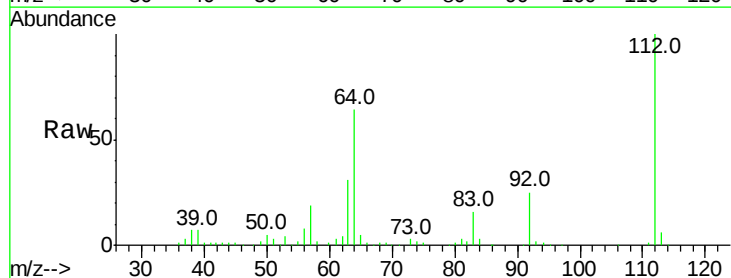
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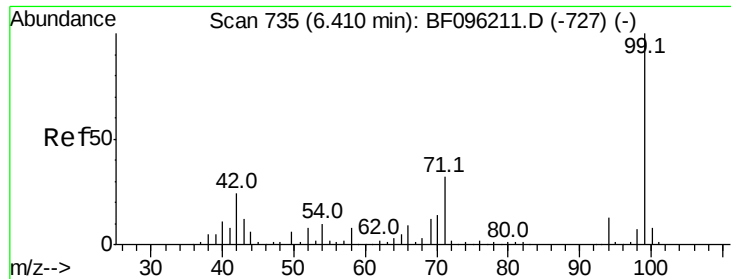


#5

2-Fluorophenol
Concen: 10.19 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.9	46.0	69.0
63	31.3	23.4	35.0





#7

Phenol-d6

Concen: 9.99 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

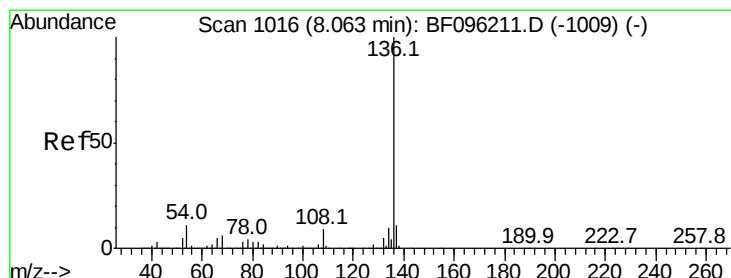
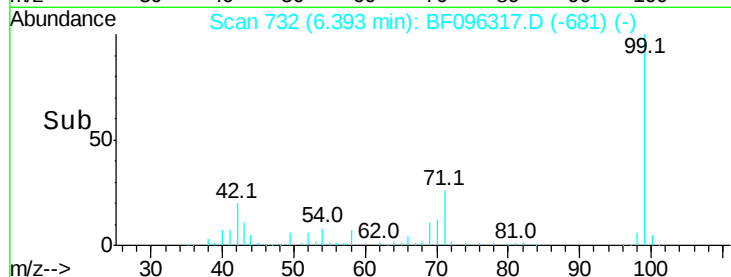
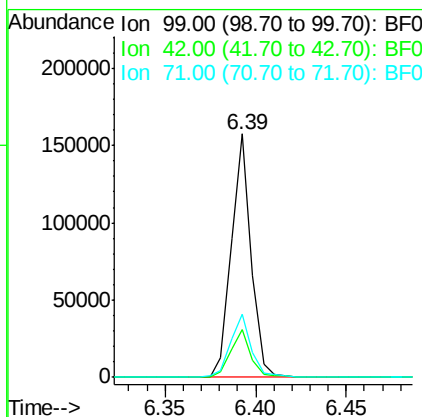
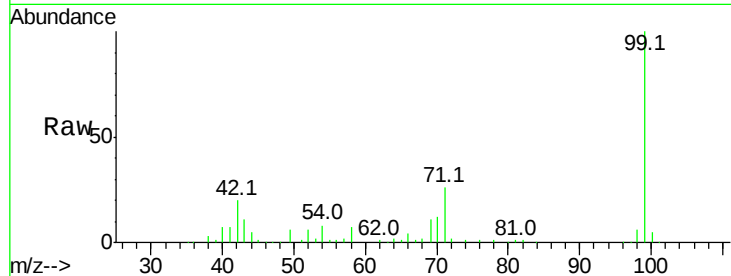
ClientSampleId :

G45-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		119120		
42	19.6	13.5	20.3		
71	25.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

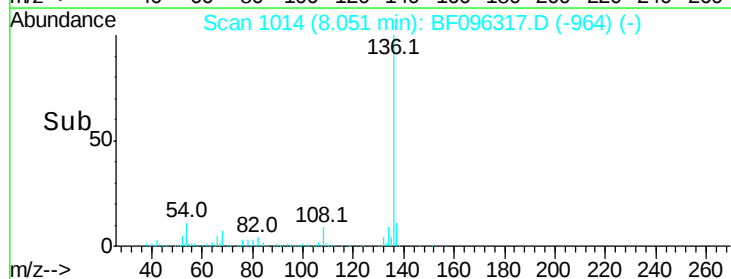
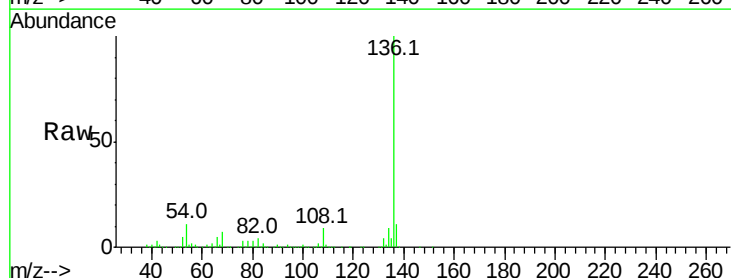
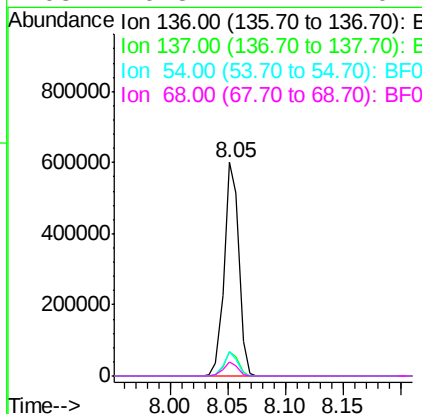
RT: 8.05 min Scan# 1014

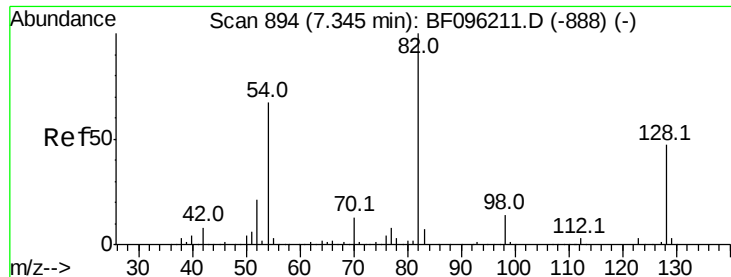
Delta R.T. -0.01 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		525943		
137	11.3	8.5	12.7		
54	11.4	4.9	7.3#		
68	6.8	4.1	6.1#		





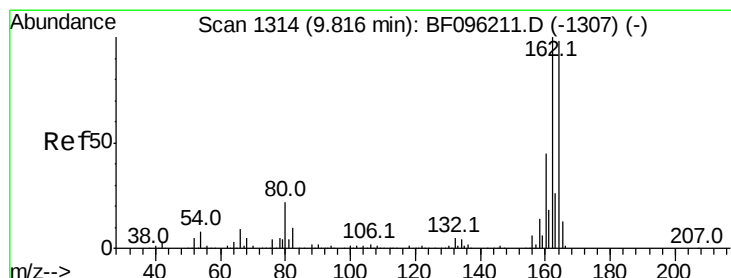
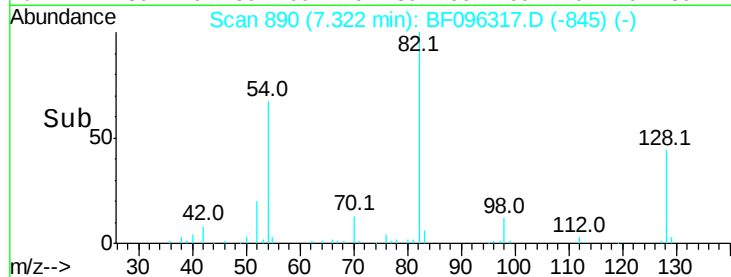
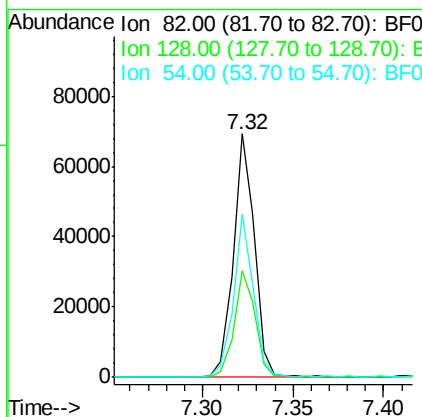
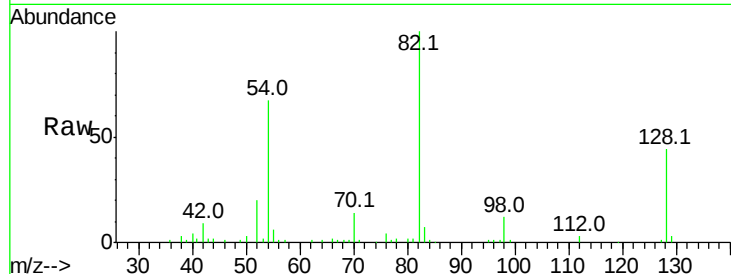
#23
Nitrobenzene-d5
Concen: 7.37 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Instrument :
BNA_F
ClientSampleId :
G45-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
82	100		
128	43.6	34.0	51.0
54	67.0	42.2	63.2

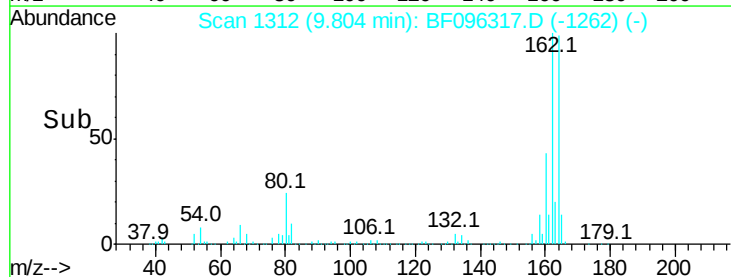
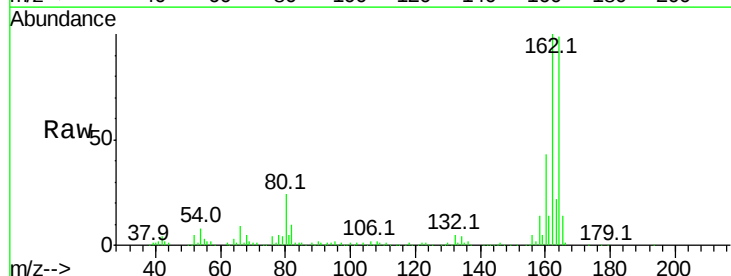
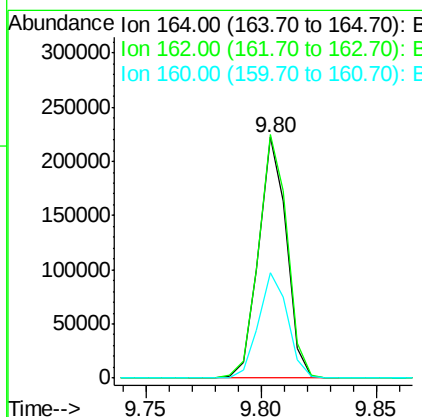
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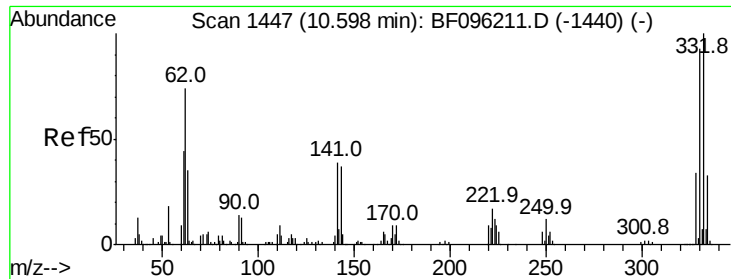
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Tgt Ion	Ratio	Resp Lower	Upper
164	100		
162	101.0	82.6	123.8
160	43.5	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 11.55 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

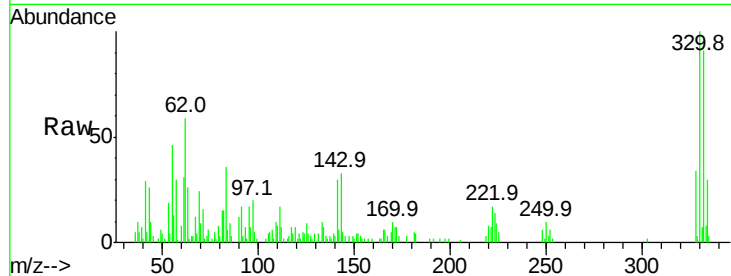
ClientSampled :

G45-1.5-3

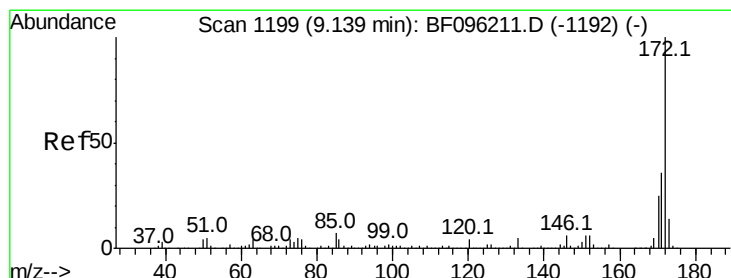
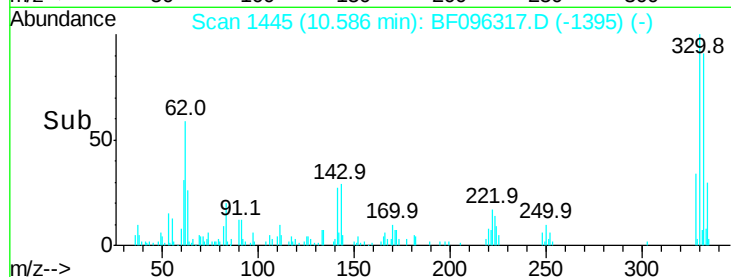
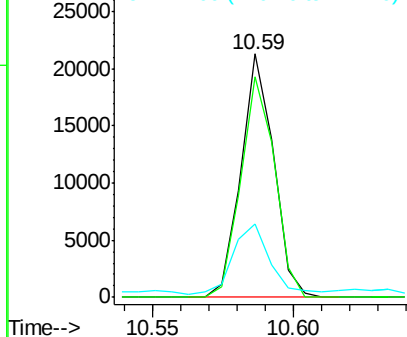
Tot Ion:	330	Resp:	17030
Ion Ratio	Lower	Upper	
330	100		
332	94.0	76.6	115.0
141	31.8	31.4	47.2

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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: 9.79 ng

RT: 9.13 min Scan# 1197

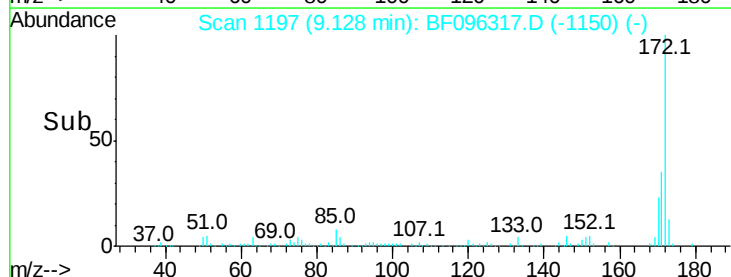
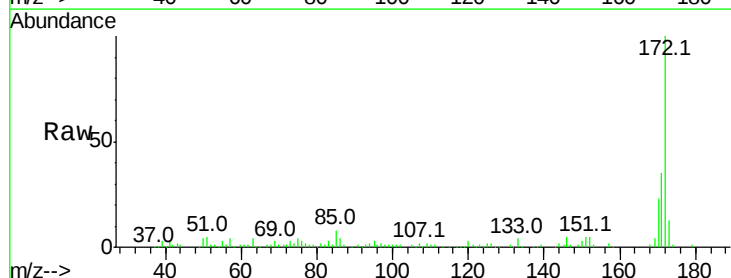
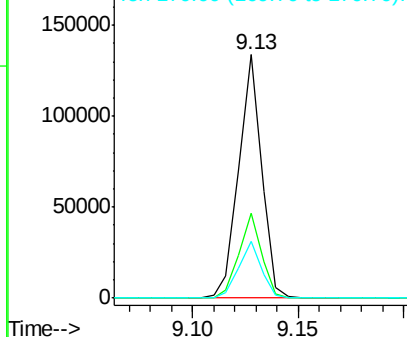
Delta R.T. -0.02 min

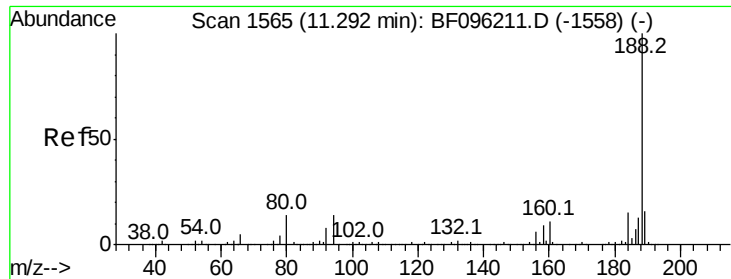
Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Tgt Ion:	172	Resp:	100216
Ion Ratio	Lower	Upper	
172	100		
171	34.6	29.6	44.4
170	23.2	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





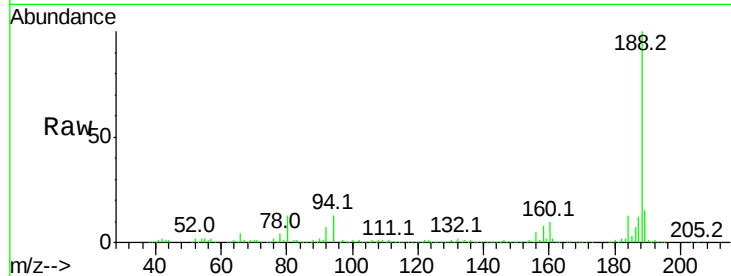
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Instrument :
BNA_F
ClientSampleId :
G45-1.5-3

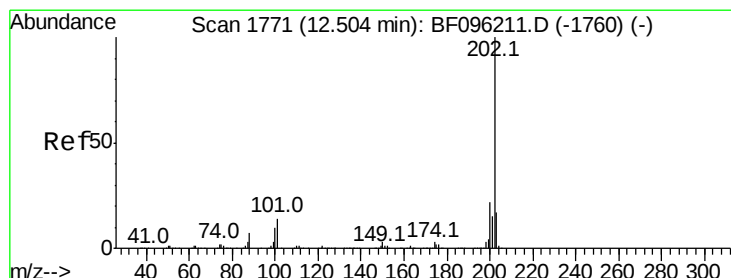
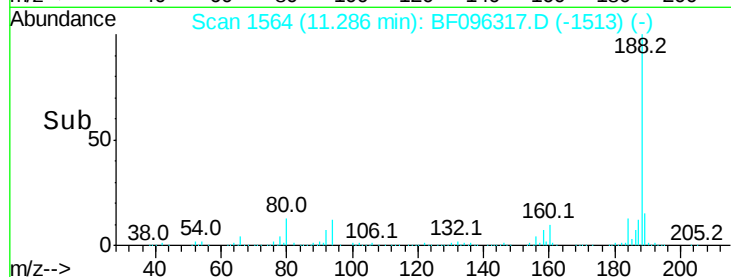
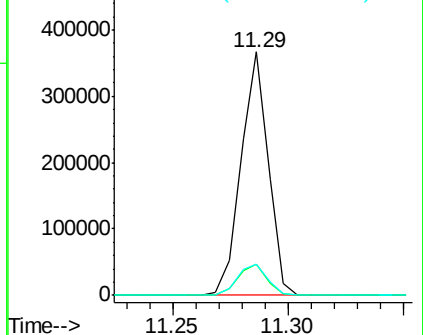
Tot Ion	Ratio	Resp Lower	Upper
188	100		
94	12.7	9.4	14.2
80	12.9	10.2	15.2

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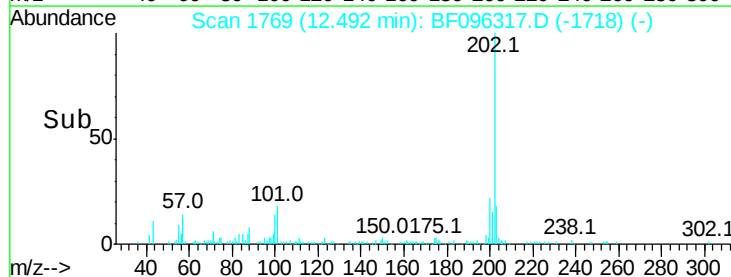
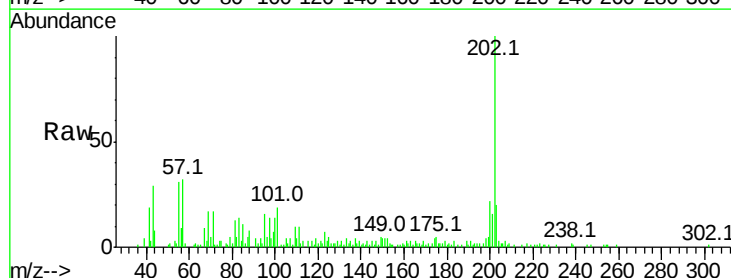
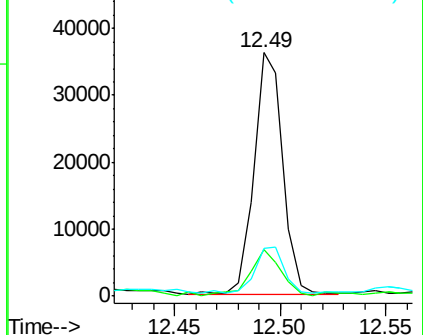
Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

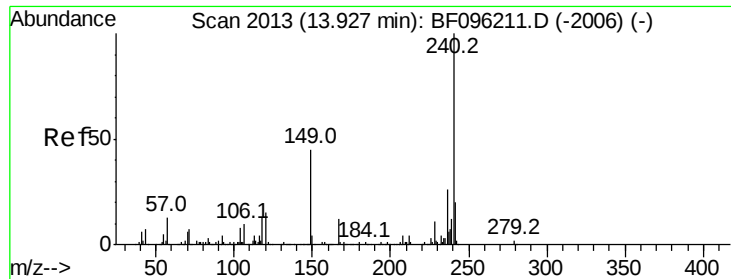


#74
Fluoranthene
Concen: 2.03 ng
RT: 12.49 min Scan# 1769
Delta R.T. -0.00 min
Lab File: BF096317.D
Acq: 30 Jun 2017 3:00

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	18.9	0.0	33.2
203	19.6	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: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

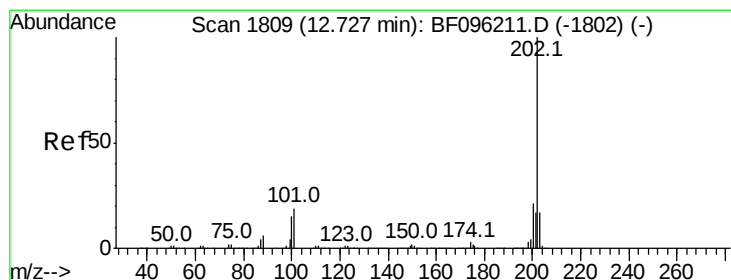
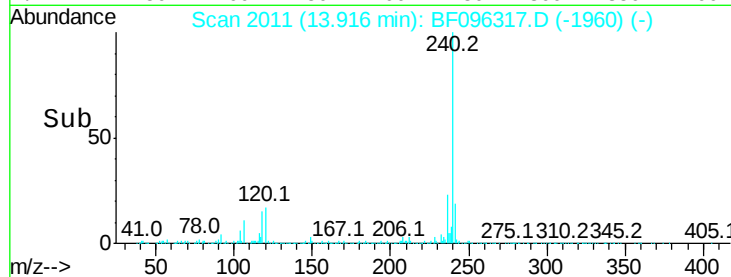
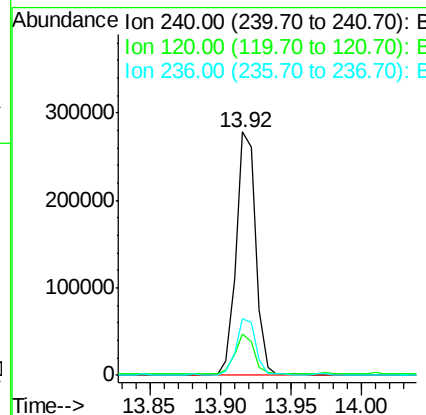
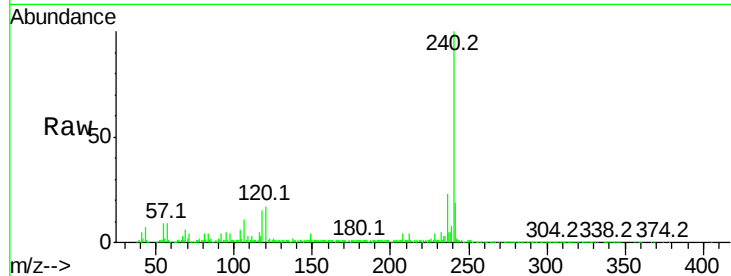
ClientSampled :

G45-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
240	100			
120	17.2	5.8	8.8#	
236	23.3	20.5	30.7	

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#77

Pyrene

Concen: 2.43 ng

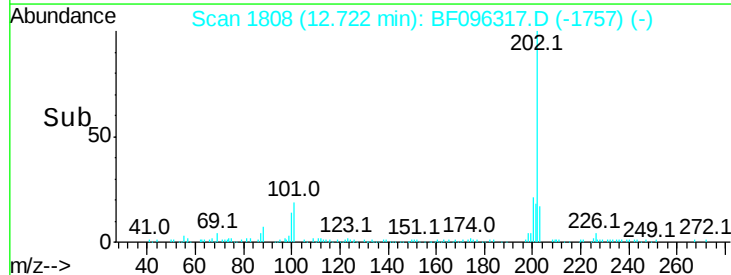
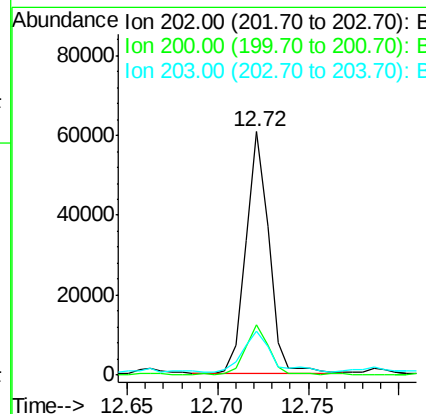
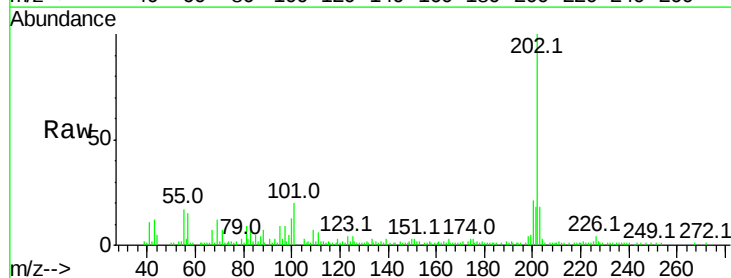
RT: 12.72 min Scan# 1808

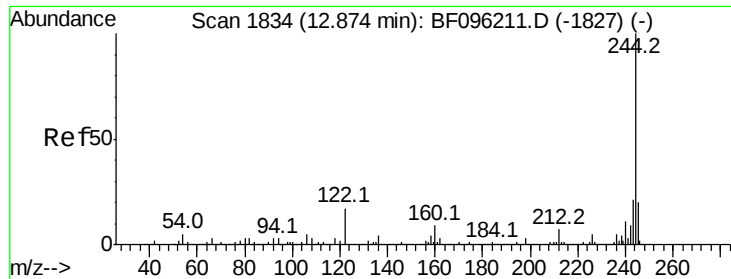
Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
200	20.9	17.6	26.4	
203	17.9	14.4	21.6	





#78

Terphenyl-d14

Concen: 7.46 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Instrument :

BNA_F

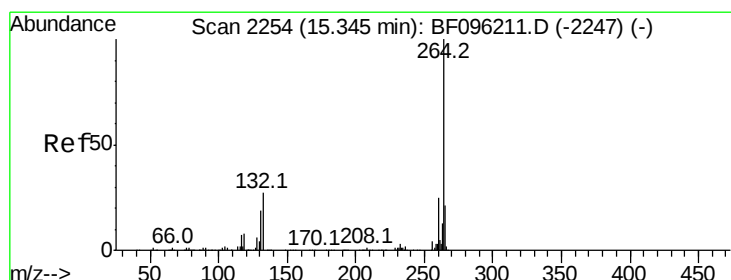
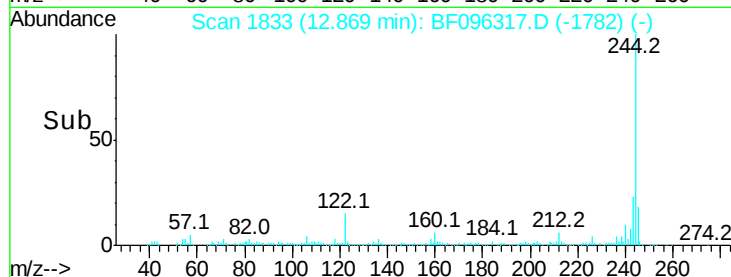
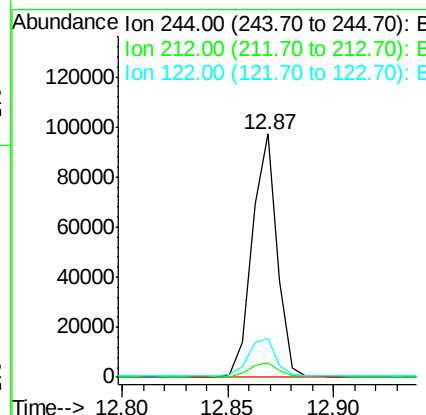
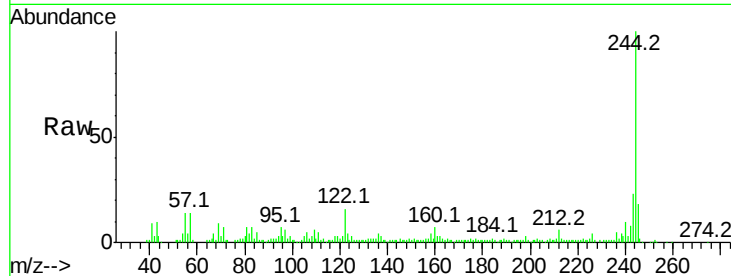
ClientSampleId :

G45-1.5-3

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	15.8	10.3	15.5

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#86

Perylene-d12

Concen: 20.00 ng

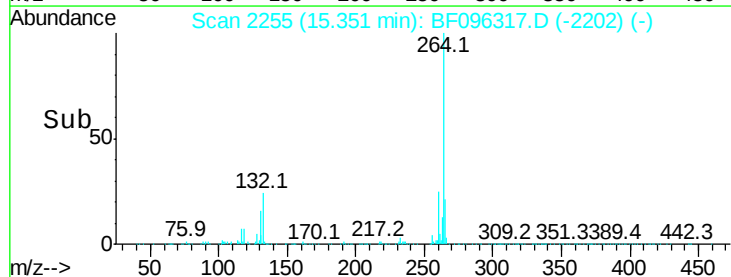
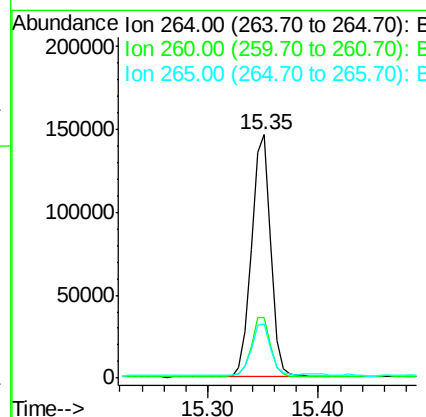
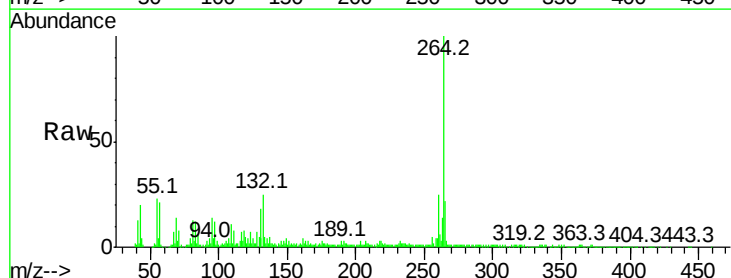
RT: 15.35 min Scan# 2255

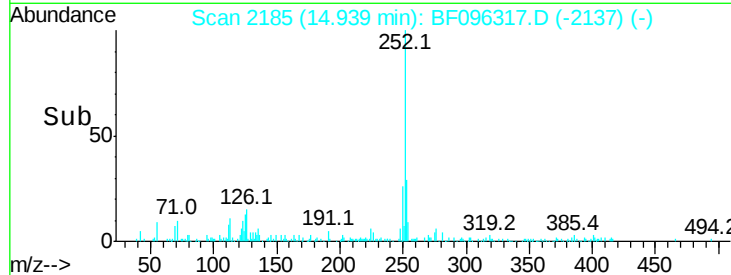
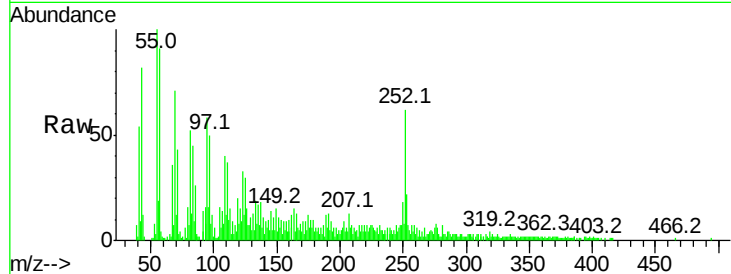
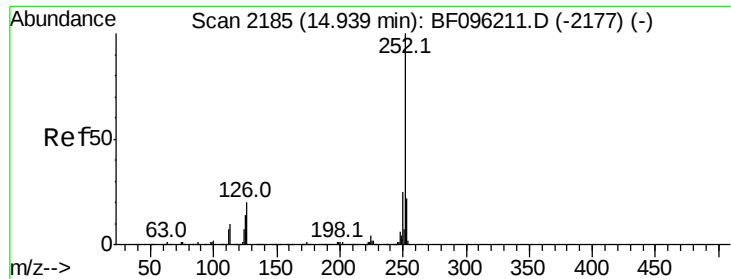
Delta R.T. 0.01 min

Lab File: BF096317.D

Acq: 30 Jun 2017 3:00

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.1	19.5	29.3
265	22.3	17.2	25.8





#87
 Benzo(b)fluoranthene
 Concen: 2.54 ng m
 RT: 14.94 min Scan# 2185
 Delta R.T. -0.02 min
 Lab File: BF096317.D
 Acq: 30 Jun 2017 3:00

Instrument :
 BNA_F
 ClientSampleId :
 G45-1.5-3

Tot Ion:	252	Resp:	29754
Ion Ratio	Lower	Upper	
252	100		
253	35.3	18.1	27.1#
125	47.9	9.8	14.8#

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:52:27 PM

