

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096312.D
 Acq On : 30 Jun 2017 00:43
 Operator : SJ/MA
 Sample : I3882-11
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G56-0-1.5

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:52:19 PM

Quant Time: Jun 30 04:00:35 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	165704	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	639329	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	225889	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	338539	20.00	ng	0.00
75) Chrysene-d12	13.92	240	331690	20.00	ng	0.00
86) Perylene-d12	15.34	264	229272	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	130218	11.32	ng	0.00
7) Phenol-d6	6.39	99	221473	15.90	ng	0.00
23) Nitrobenzene-d5	7.32	82	117992	12.78	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	3492	1.96	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	213314	17.29	ng	-0.02
78) Terphenyl-d14	12.87	244	155531	11.70	ng	0.00
Target Compounds						
74) Fluoranthene	12.49	202	67846	3.61	ng	93
77) Pyrene	12.72	202	65930	2.42	ng	97
87) Benzo(b)fluoranthene	14.93	252	30227m	2.01	ng	

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

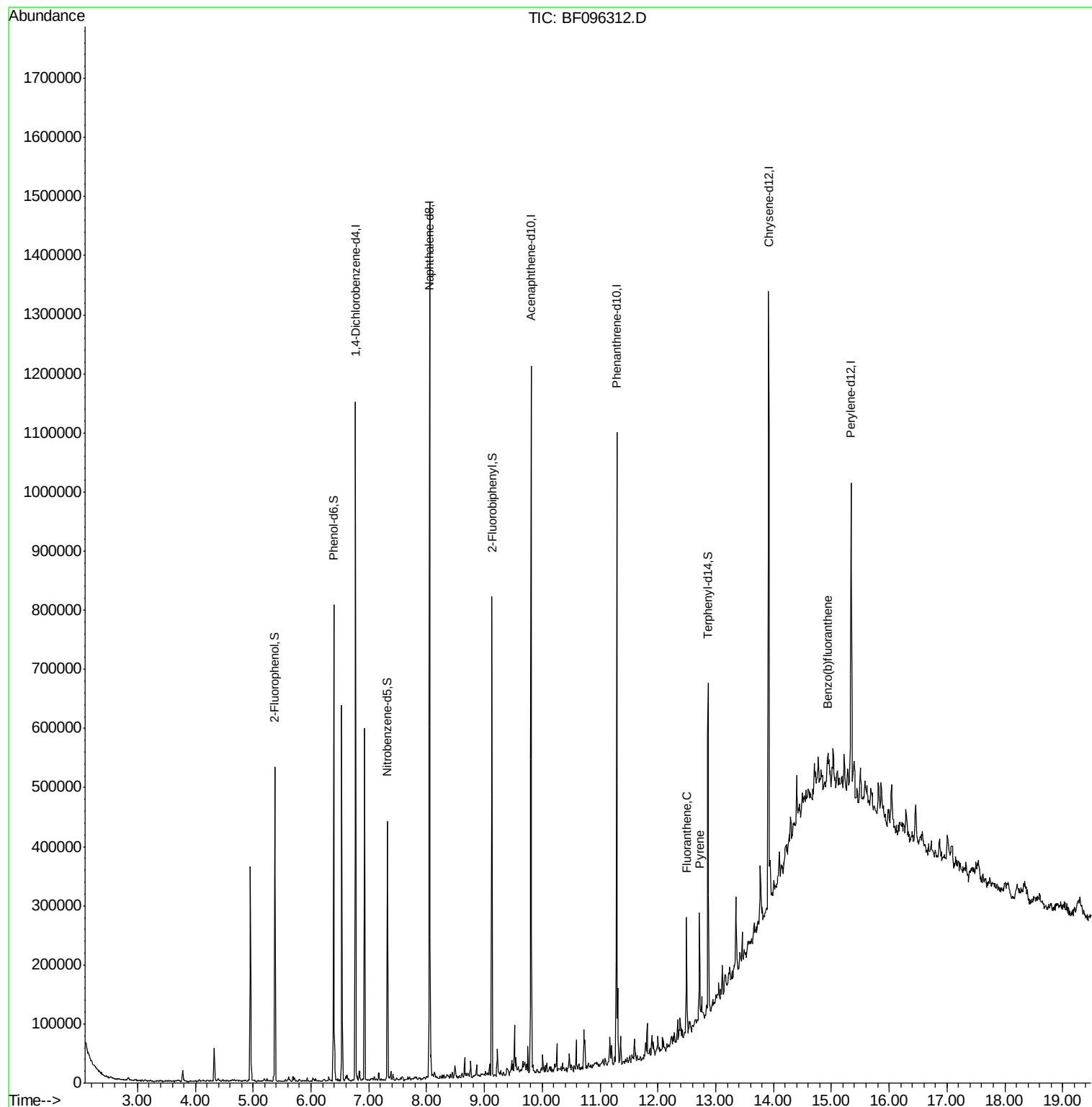
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096312.D
Acq On : 30 Jun 2017 00:43
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Sample : I3882-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

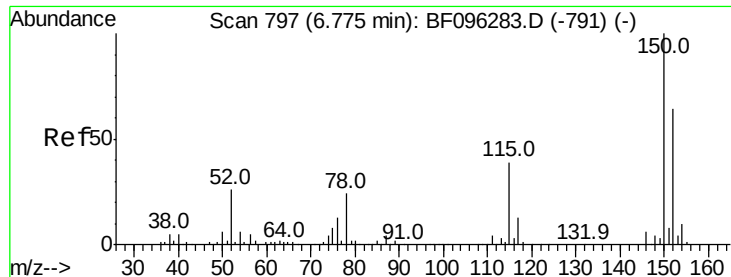
Instrument :
BNA_F
ClientSampleId :
G56-0-1.5

Manual Integrations
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#1

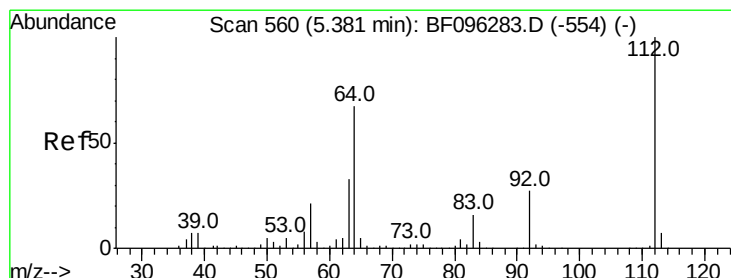
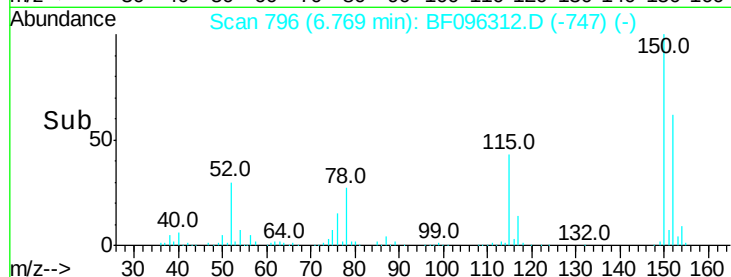
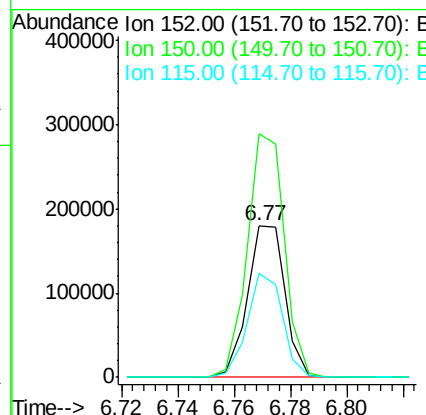
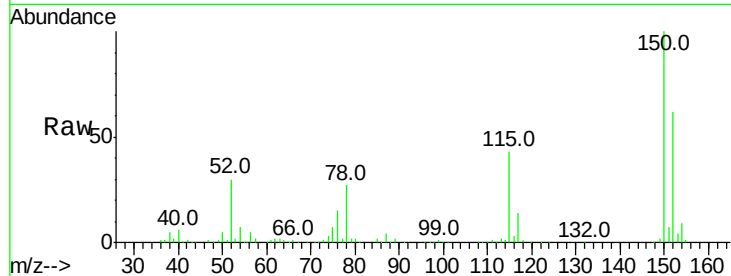
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096312.D
Acq: 30 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
G56-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	160.3	126.2	189.2
115	68.7	52.2	78.2

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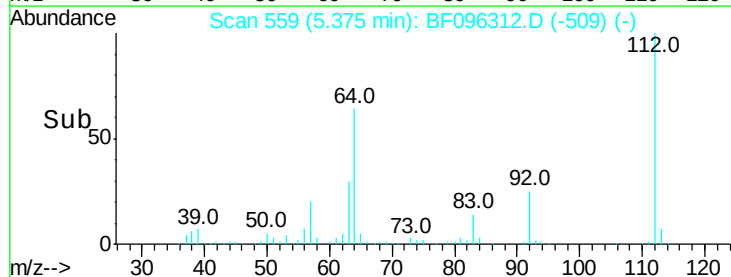
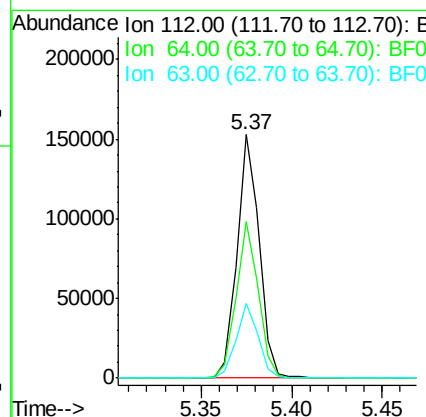
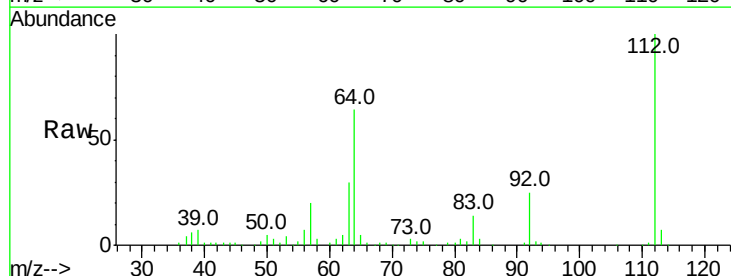
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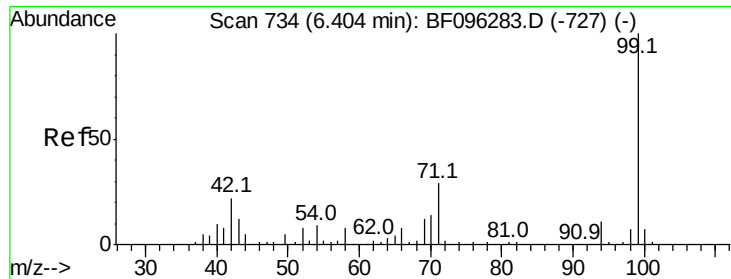


#5

2-Fluorophenol
Concen: 11.32 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096312.D
Acq: 30 Jun 2017 00:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.3	46.0	69.0
63	30.4	23.4	35.0





#7

Phenol-d6

Concen: 15.90 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096312.D

Acq: 30 Jun 2017 00:43

Instrument :

BNA_F

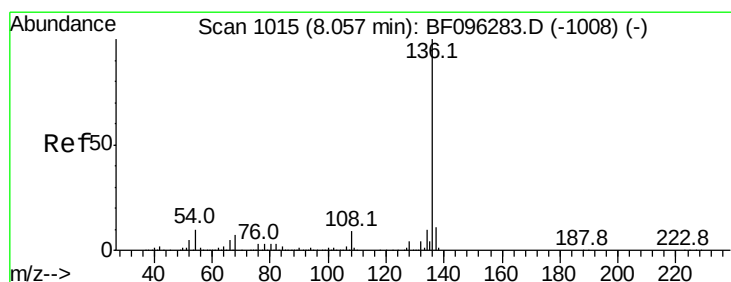
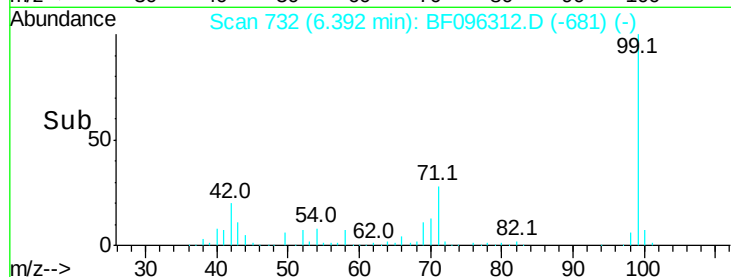
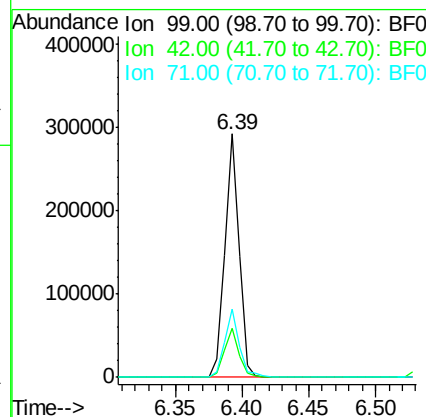
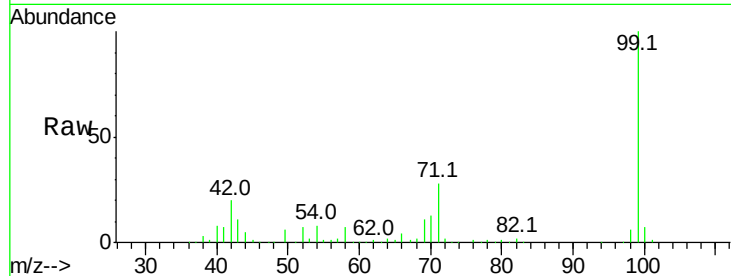
ClientSampleId :

G56-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		221473		
42	20.4	13.5	20.3#		
71	27.8	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

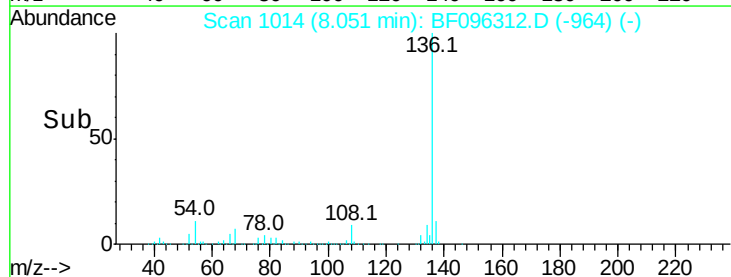
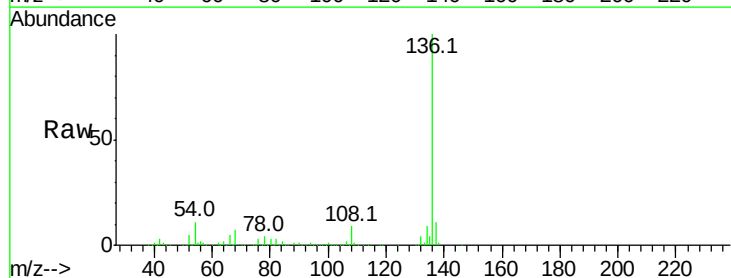
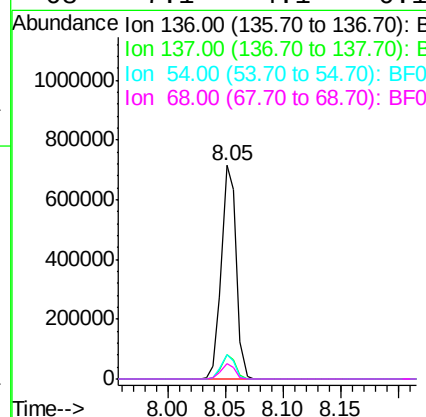
RT: 8.05 min Scan# 1014

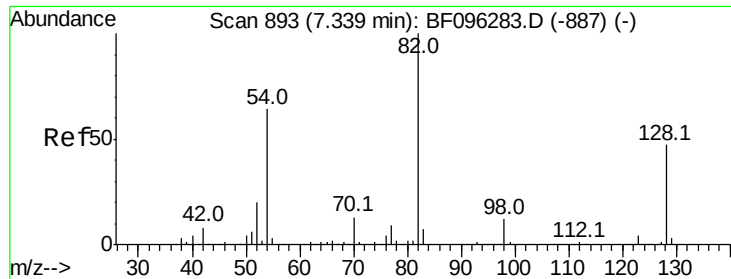
Delta R.T. -0.01 min

Lab File: BF096312.D

Acq: 30 Jun 2017 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		639329		
137	11.2	8.5	12.7		
54	11.3	4.9	7.3#		
68	7.1	4.1	6.1#		





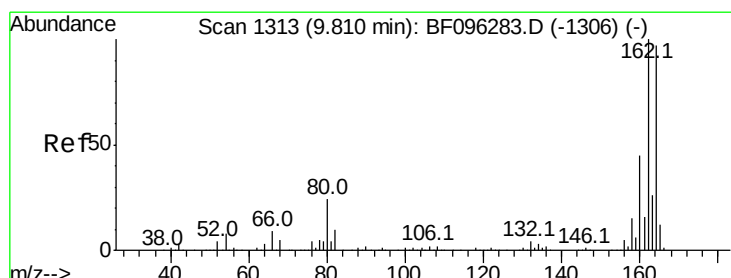
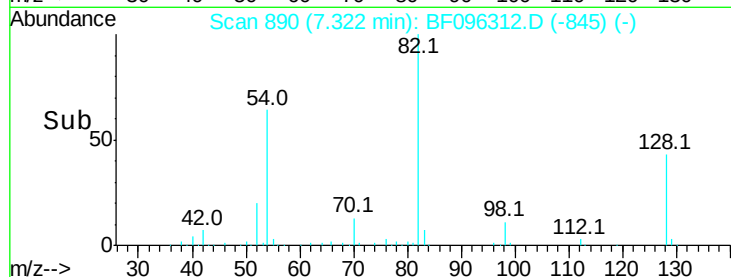
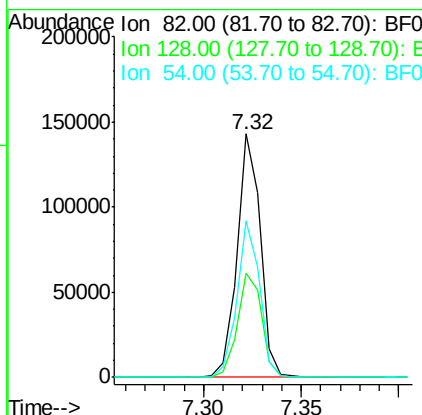
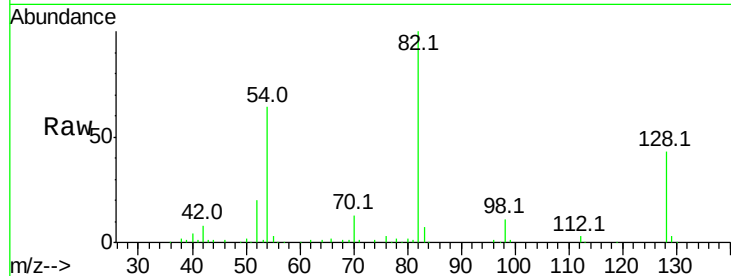
#23
Nitrobenzene-d5
Concen: 12.78 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096312.D
Acq: 30 Jun 2017 00:43

Instrument :
BNA_F
ClientSampleId :
G56-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	43.0	34.0	51.0	
54	64.4	42.2	63.2	

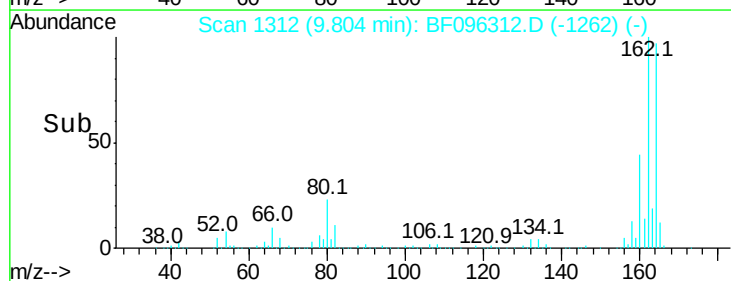
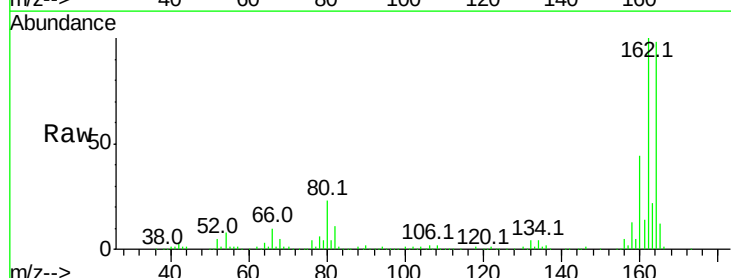
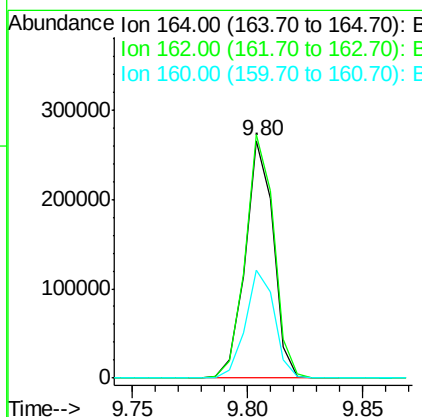
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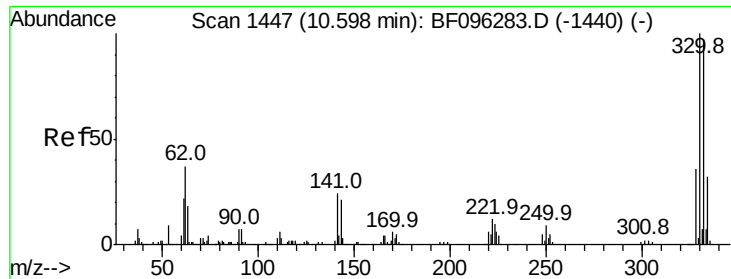
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096312.D
Acq: 30 Jun 2017 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.5	82.6	123.8	
160	45.2	36.2	54.2	





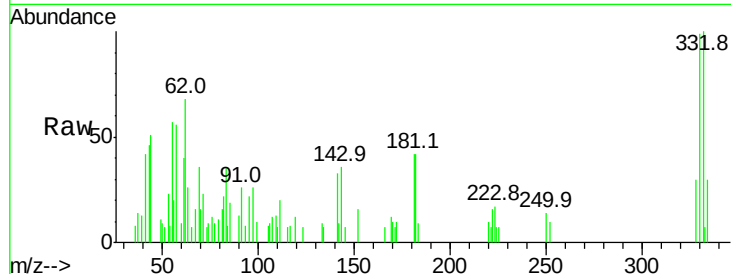
#41
 2,4,6-Tribromophenol
 Concen: 1.96 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096312.D
 Acq: 30 Jun 2017 00:43

Instrument :
 BNA_F
 ClientSampleId :
 G56-0-1.5

Tot Ion	Ratio	Resp	Lower	Upper
330	100	3492		
332	99.6	76.6	115.0	
141	45.9	31.4	47.2	

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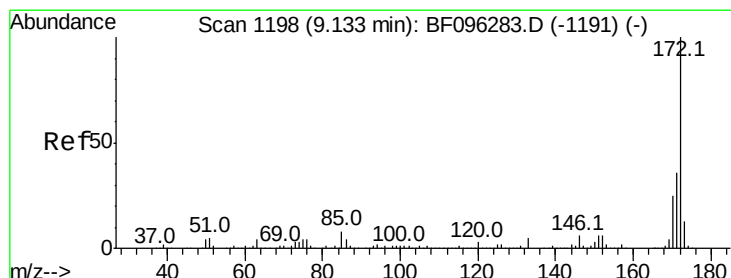
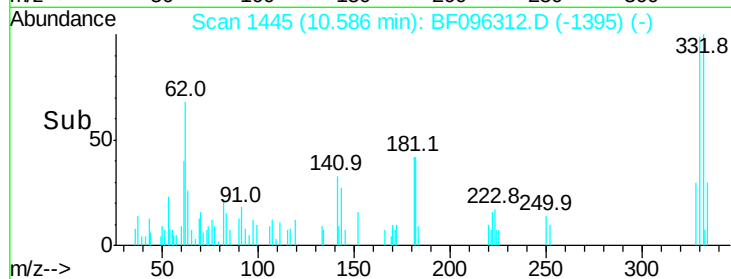
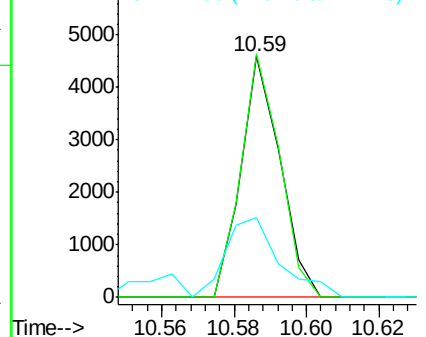


Abundance

Ion 329.80 (329.50 to 330.50): E

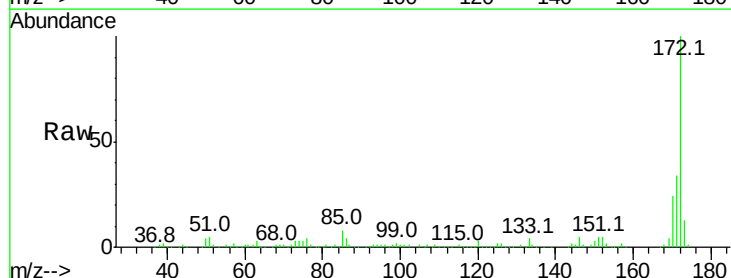
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 17.29 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096312.D
 Acq: 30 Jun 2017 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	213314		
171	34.3	29.6	44.4	
170	23.7	19.8	29.8	

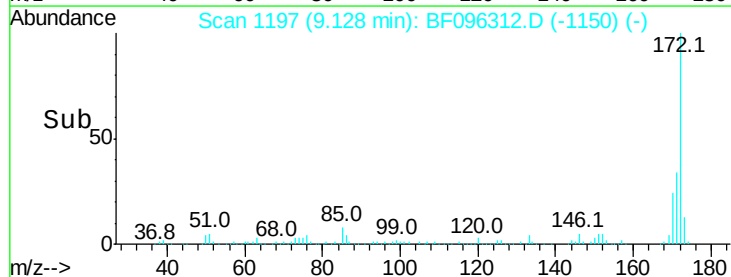
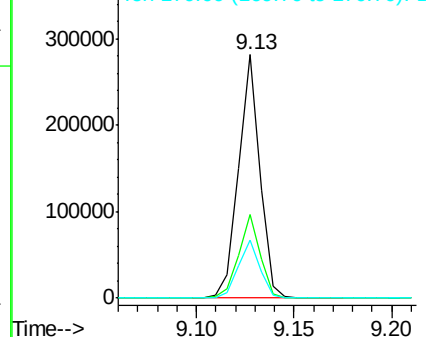


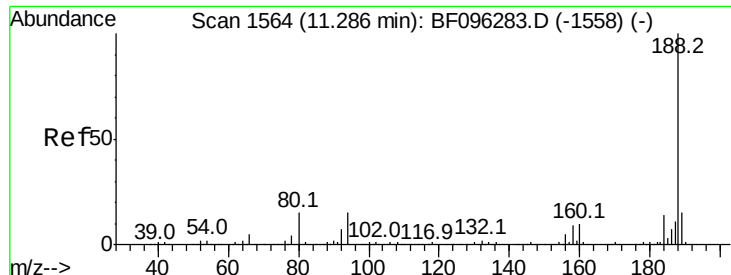
Abundance

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: 20.00 ng

RT: 11.29 min Scan# 1564

Delta R.T. -0.00 min

Lab File: BF096312.D

Acq: 30 Jun 2017 00:43

Instrument :

BNA_F

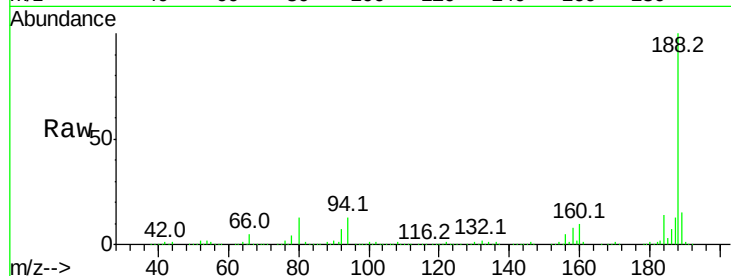
ClientSampled :

G56-0-1.5

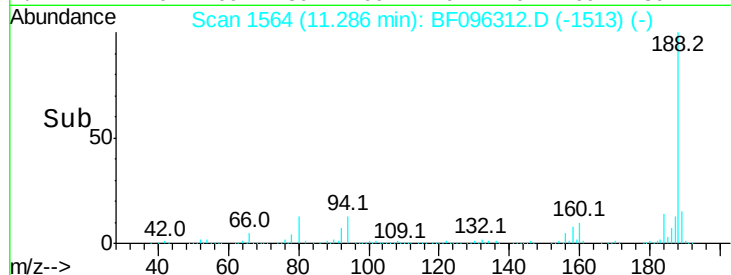
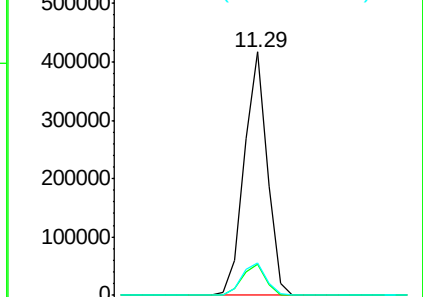
Tot Ion:	188	Resp:	338539
Ion Ratio	Lower	Upper	
188	100		
94	13.0	9.4	14.2
80	13.1	10.2	15.2

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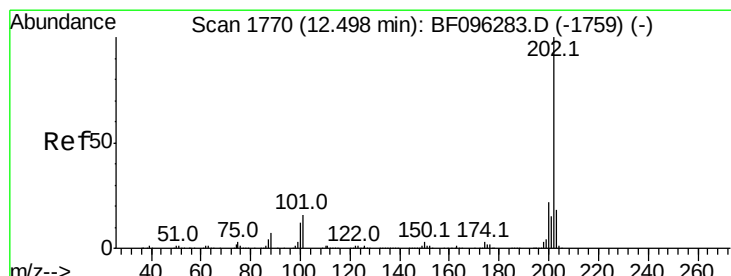
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Abundance Ion 188.00 (187.70 to 188.70): E



Time-->



#74

Fluoranthene

Concen: 3.61 ng

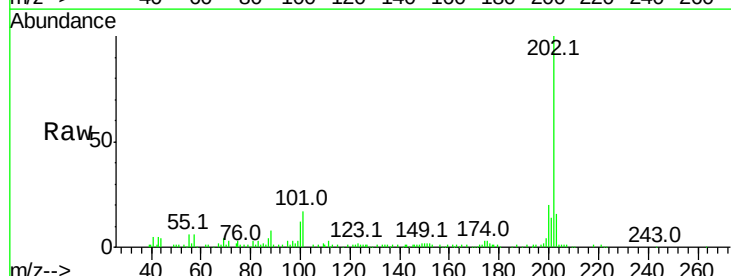
RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

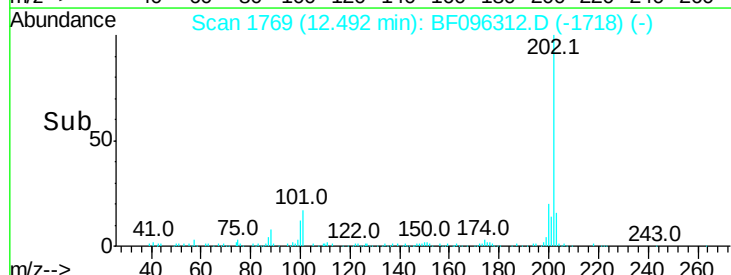
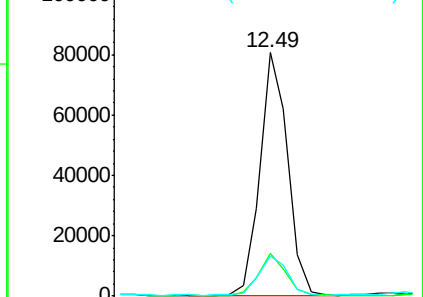
Lab File: BF096312.D

Acq: 30 Jun 2017 00:43

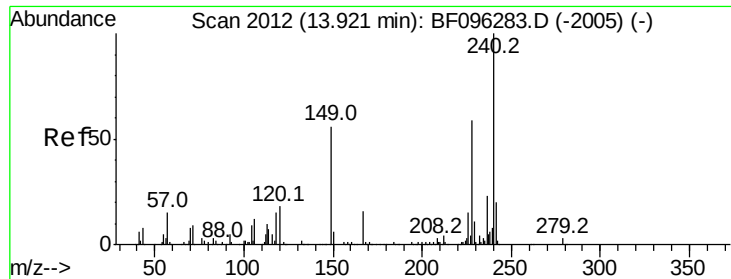
Tgt Ion:	202	Resp:	67846
Ion Ratio	Lower	Upper	
202	100		
101	17.4	0.0	33.2
203	16.2	0.0	38.1



Abundance Ion 202.00 (201.70 to 202.70): E



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096312.D

Acq: 30 Jun 2017 00:43

Instrument :

BNA_F

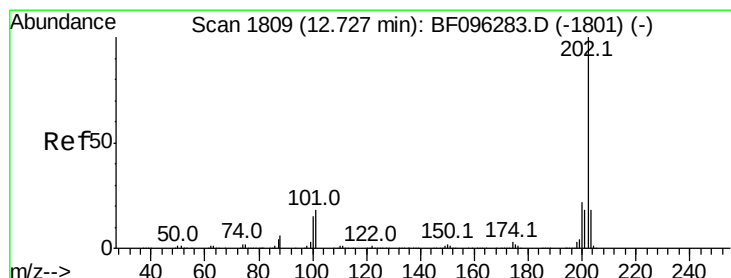
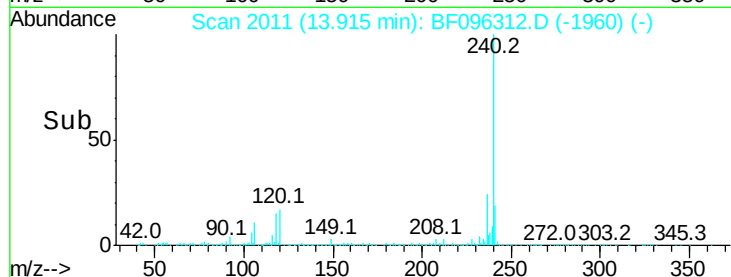
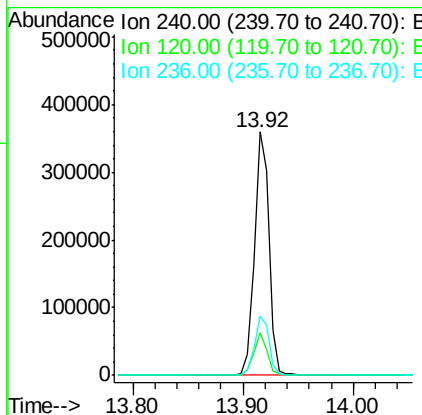
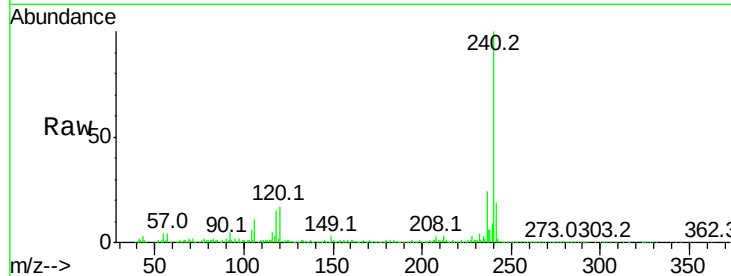
ClientSampleId :

G56-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
240	100				
120	17.3	5.8	8.8#		
236	24.2	20.5	30.7		

Manual Integrations
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#77

Pyrene

Concen: 2.42 ng

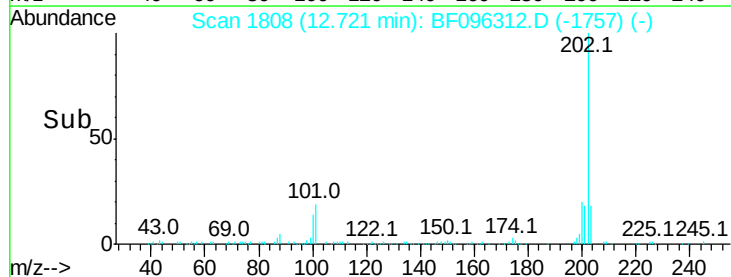
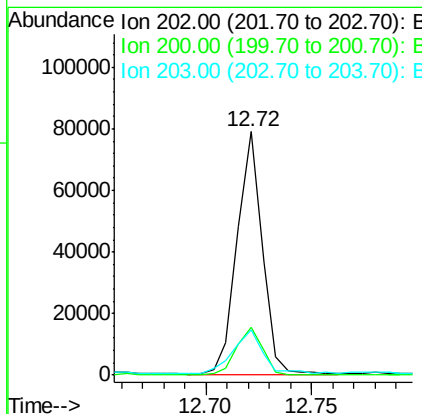
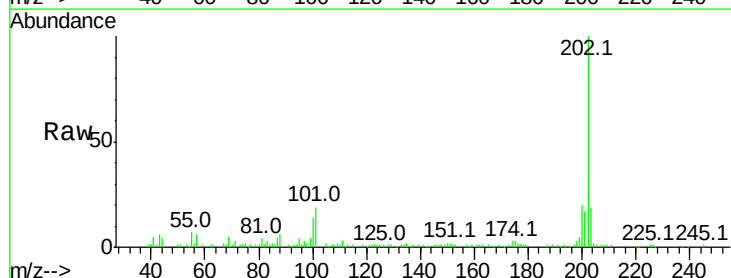
RT: 12.72 min Scan# 1808

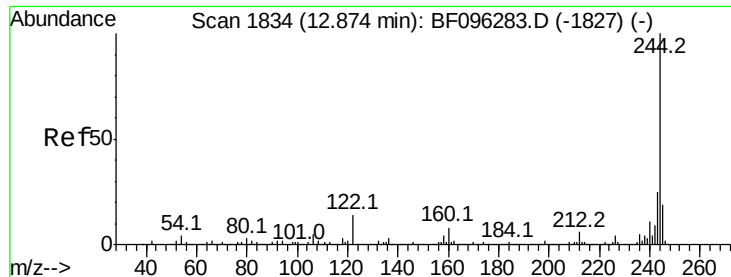
Delta R.T. -0.00 min

Lab File: BF096312.D

Acq: 30 Jun 2017 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
202	100				
200	19.8	17.6	26.4		
203	18.8	14.4	21.6		





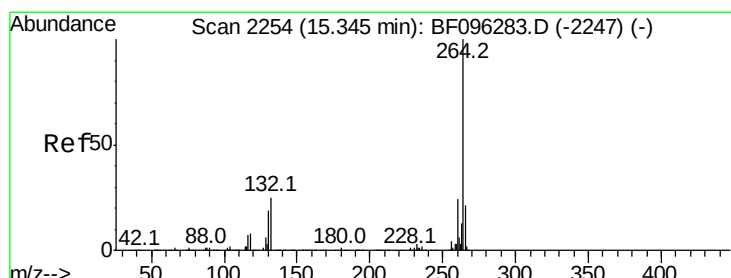
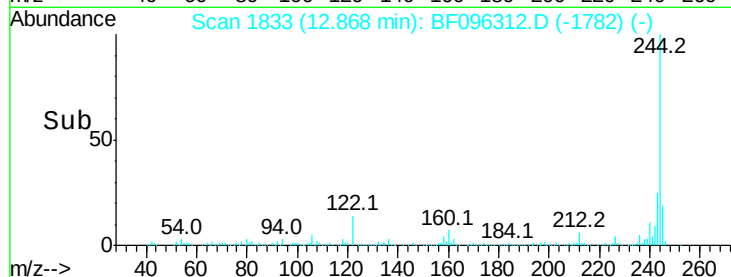
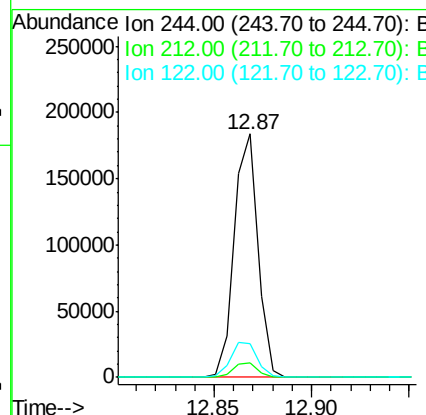
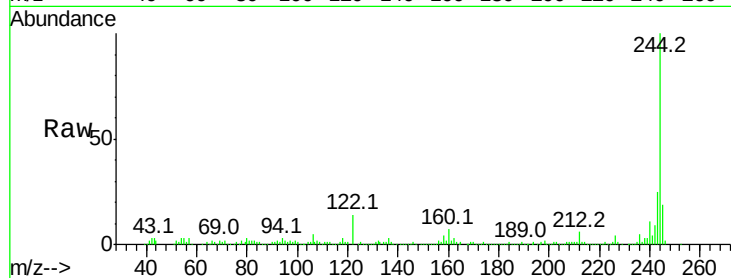
#78
 Terphenyl-d14
 Concen: 11.70 ng
 RT: 12.87 min Scan# 1833
 Delta R.T. -0.00 min
 Lab File: BF096312.D
 Acq: 30 Jun 2017 00:43

Instrument :
 BNA_F
 ClientSampled :
 G56-0-1.5

Tot Ion	Ratio	Lower	Upper
244	100		
212	5.8	6.0	9.0#
122	14.0	10.3	15.5

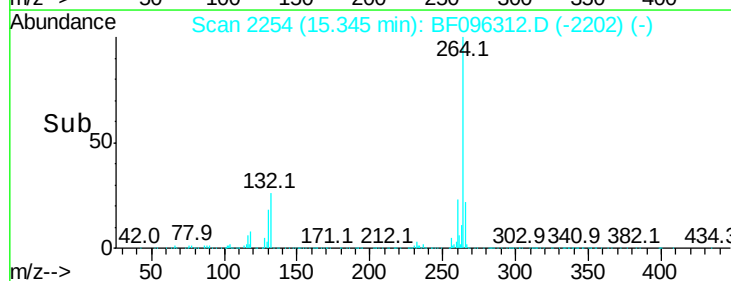
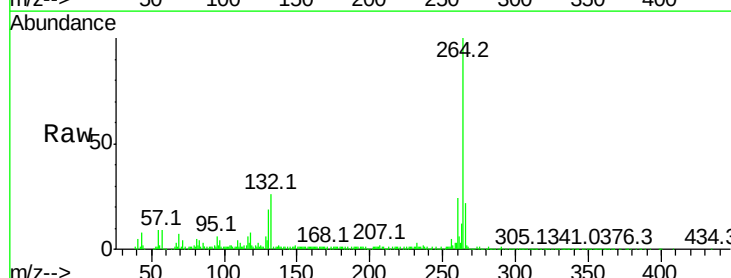
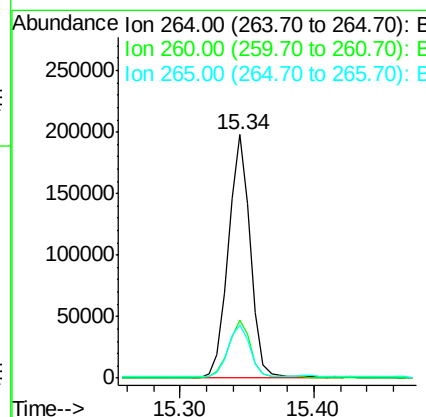
Manual Integrations
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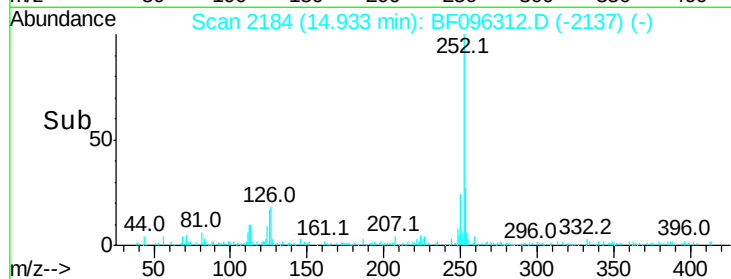
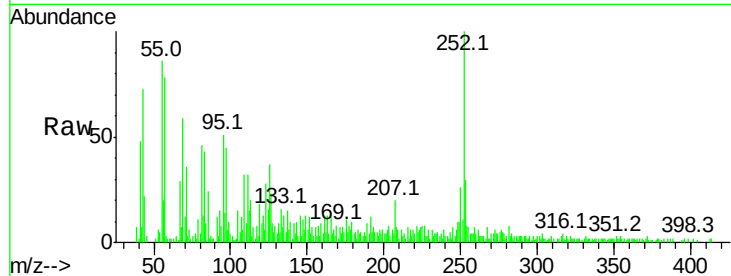
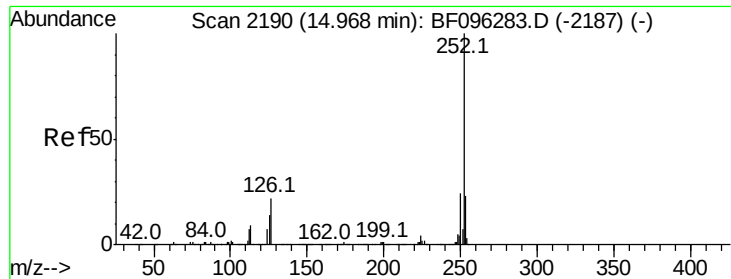
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#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.34 min Scan# 2254
 Delta R.T. 0.01 min
 Lab File: BF096312.D
 Acq: 30 Jun 2017 00:43

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.0	17.2	25.8





#87

Benzo(b)fluoranthene

Concen: 2.01 ng m

RT: 14.93 min Scan# 2184

Delta R.T. -0.02 min

Lab File: BF096312.D

Acq: 30 Jun 2017 00:43

Instrument :

BNA_F

ClientSampleId :

G56-0-1.5

Tot Ion:	252	Resp:	30227
Ion Ratio	Lower	Upper	
252	100		
253	30.1	18.1	27.1#
125	37.5	9.8	14.8#

Manual Integrations
APPROVED

mohammad
6/30/2017 2:52:19 PM

