

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096313.D
 Acq On : 30 Jun 2017 1:11
 Operator : SJ/MA
 Sample : I3882-12 5X
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G56-1.5-3

Manual Integrations
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Quant Time: Jun 30 04:03:29 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	169511	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	650439	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	235806	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	360470	20.00	ng	0.00
75) Chrysene-d12	13.92	240	327103	20.00	ng	0.00
86) Perylene-d12	15.34	264	225890	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	188993	16.06	ng	0.00
7) Phenol-d6	6.39	99	243099	17.06	ng	0.00
23) Nitrobenzene-d5	7.32	82	121039	12.88	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	23868	12.86	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	214488	16.66	ng	-0.02
78) Terphenyl-d14	12.87	244	149883	11.43	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.52	163	38337	2.27	ng	98
74) Fluoranthene	12.49	202	63141	3.15	ng	94
77) Pyrene	12.72	202	62497	2.32	ng	98
87) Benzo(b)fluoranthene	14.93	252	31153m	2.10	ng	

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

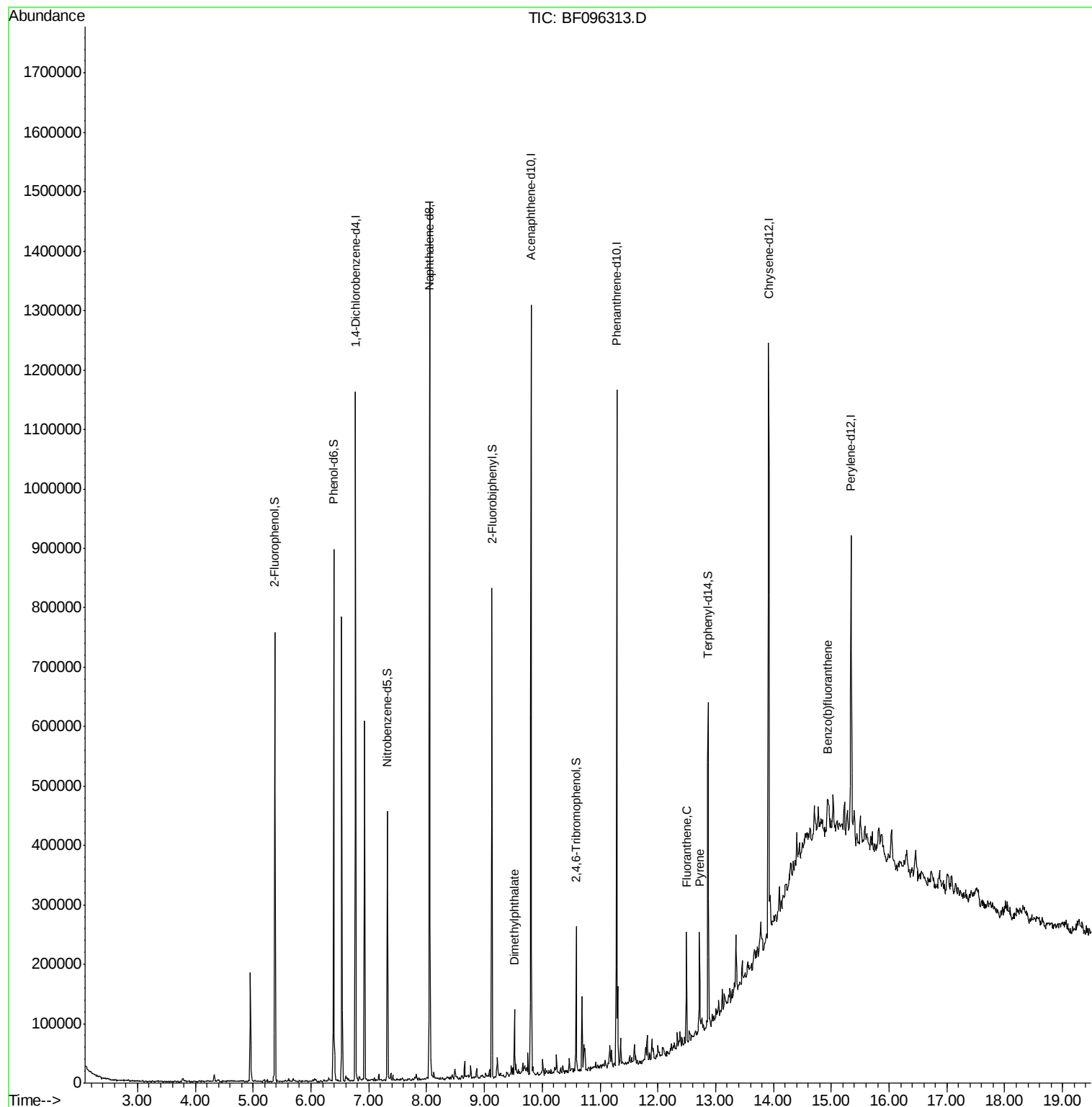
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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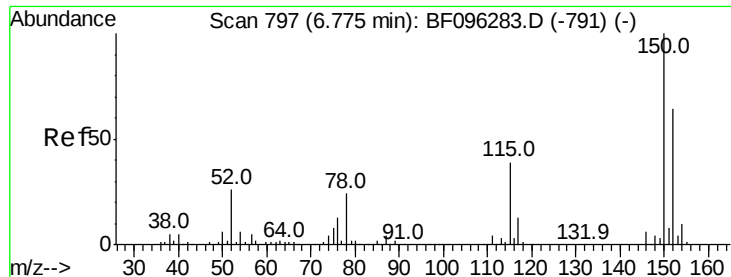
Instrument :
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ClientSampleId :
G56-1.5-3

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Quant Time: Jun 30 04:03:29 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





#1

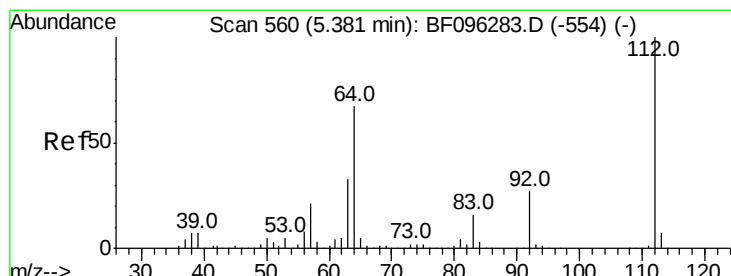
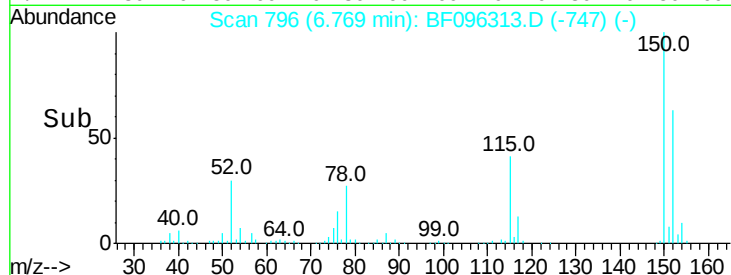
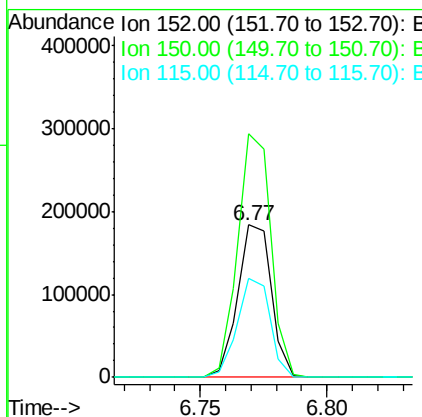
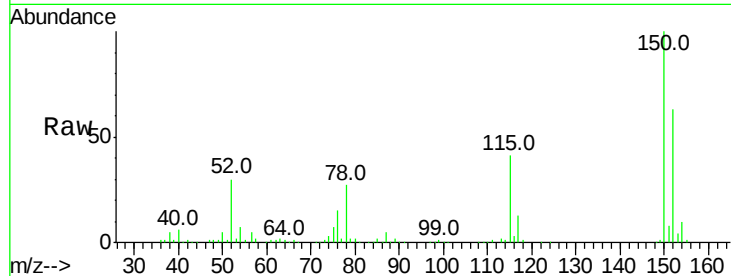
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G56-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.9	126.2	189.2
115	65.3	52.2	78.2

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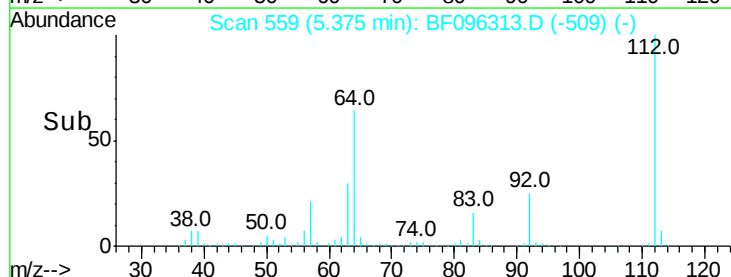
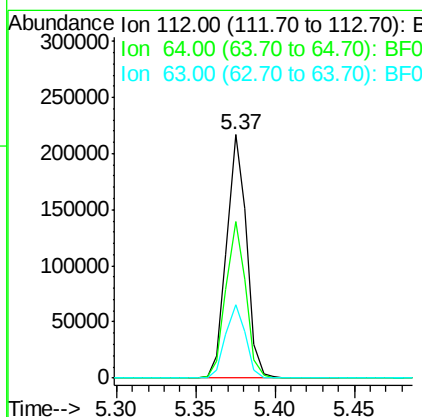
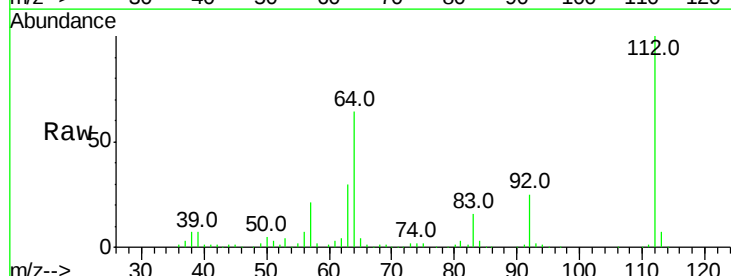
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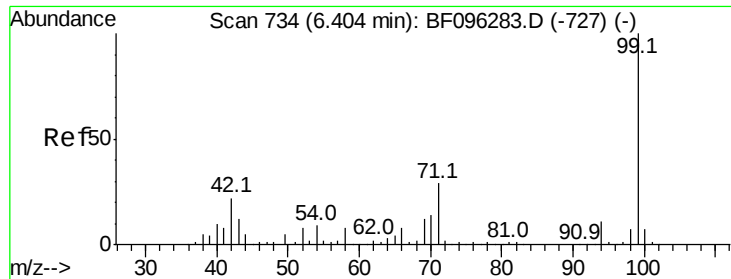


#5

2-Fluorophenol
Concen: 16.06 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.4	46.0	69.0
63	29.9	23.4	35.0





#7

Phenol-d6

Concen: 17.06 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.00 min

Lab File: BF096313.D

Acq: 30 Jun 2017 1:11

Instrument :

BNA_F

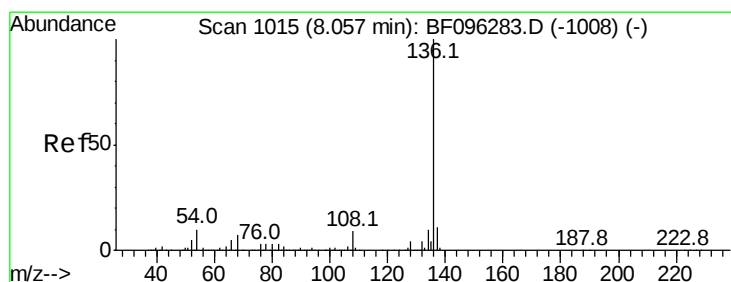
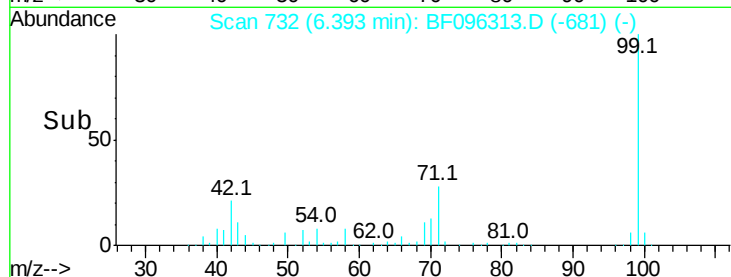
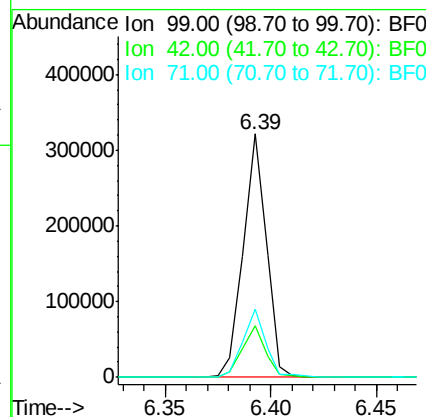
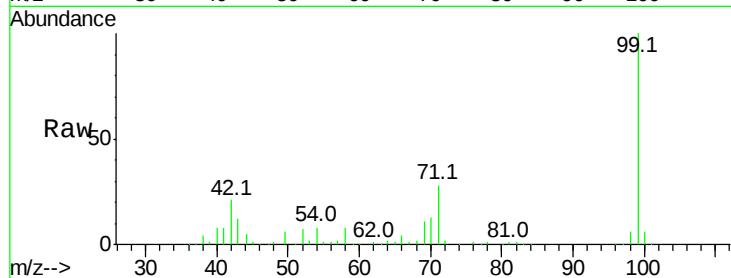
ClientSampleId :

G56-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		243099		
42	21.2	13.5	20.3#		
71	28.0	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

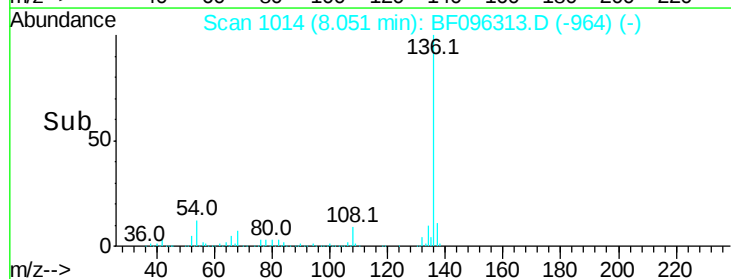
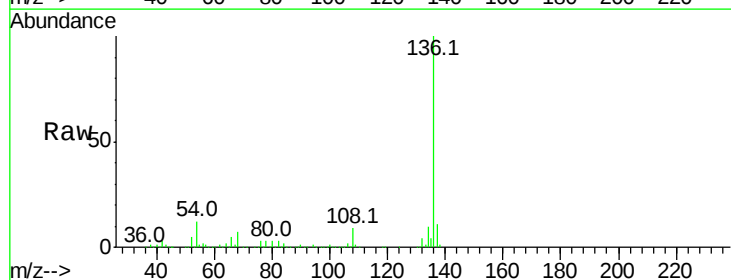
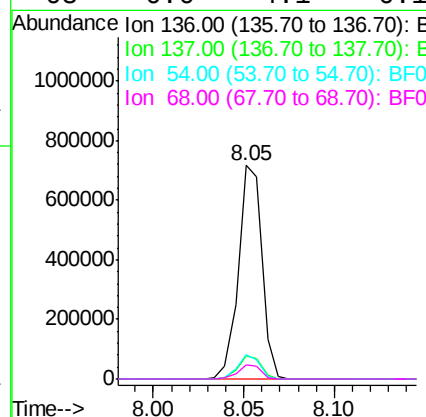
RT: 8.05 min Scan# 1014

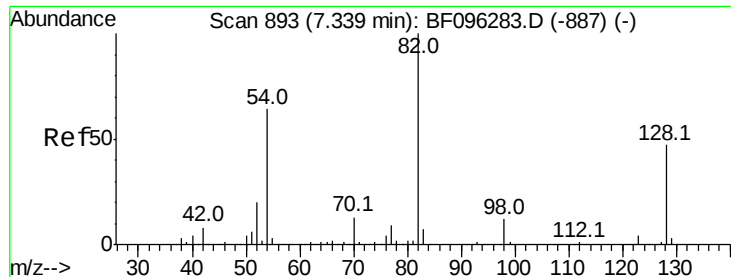
Delta R.T. -0.01 min

Lab File: BF096313.D

Acq: 30 Jun 2017 1:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		650439		
137	11.0	8.5	12.7		
54	11.7	4.9	7.3#		
68	6.6	4.1	6.1#		





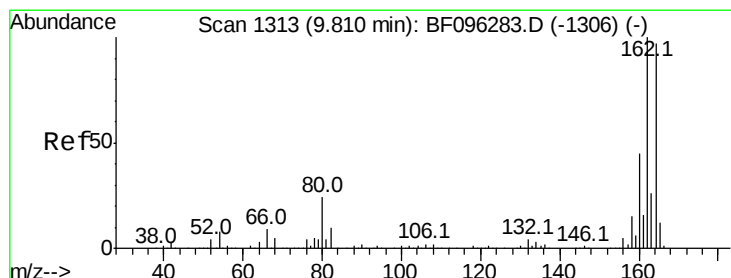
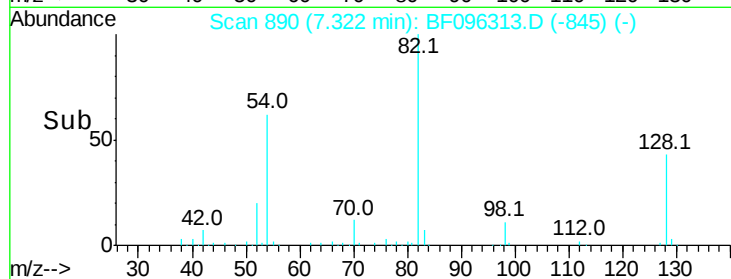
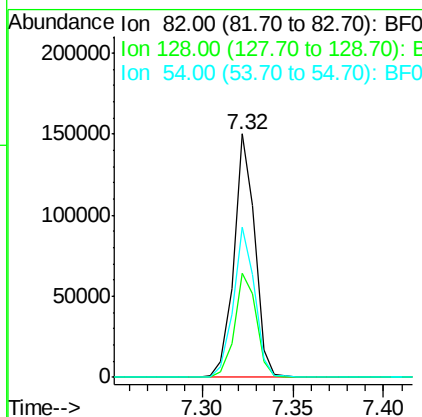
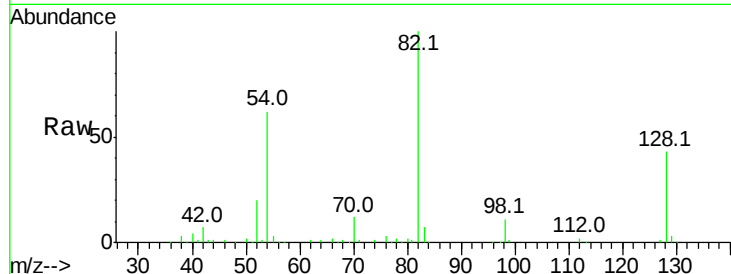
#23
Nitrobenzene-d5
Concen: 12.88 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G56-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	42.9	34.0	51.0	
54	61.8	42.2	63.2	

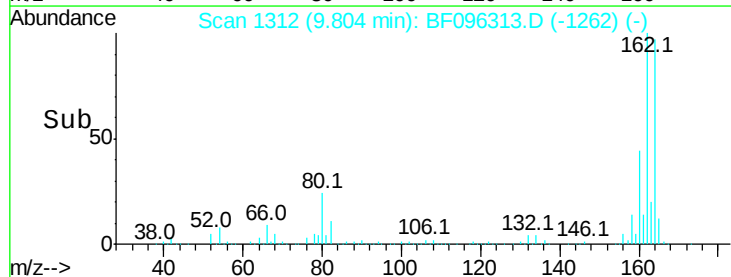
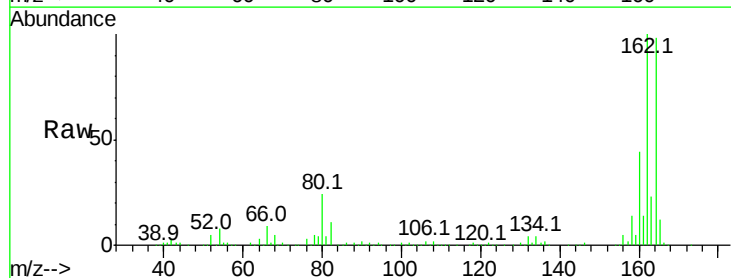
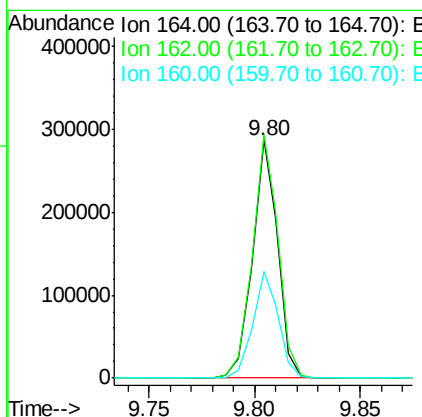
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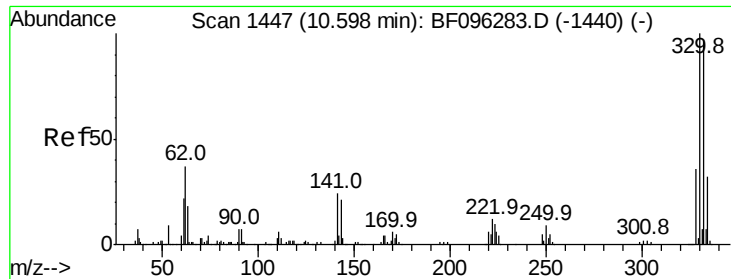
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.3	82.6	123.8	
160	45.0	36.2	54.2	





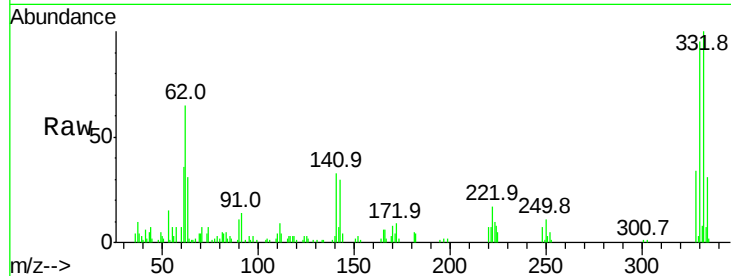
#41
 2,4,6-Tribromophenol
 Concen: 12.86 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.01 min
 Lab File: BF096313.D
 Acq: 30 Jun 2017 1:11

Instrument :
 BNA_F
 ClientSampleId :
 G56-1.5-3

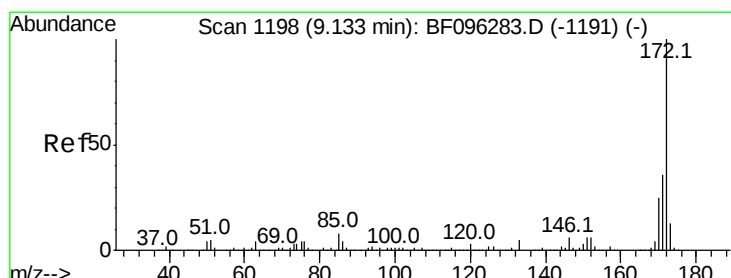
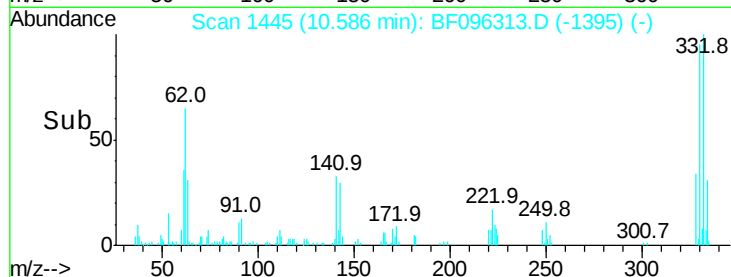
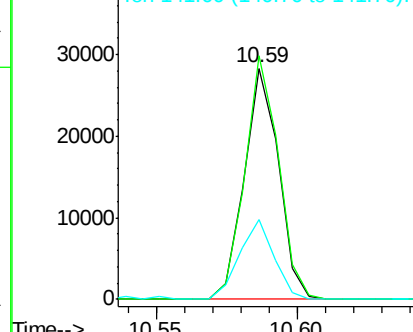
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	103.1	76.6	115.0	
141	34.6	31.4	47.2	

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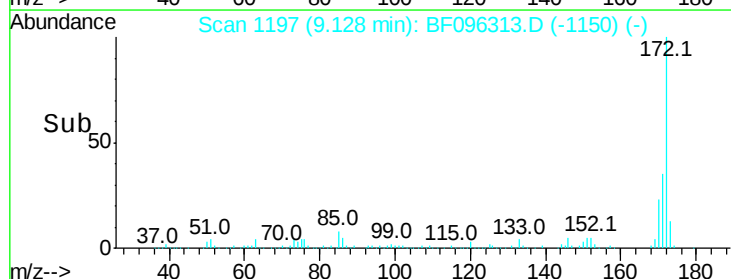
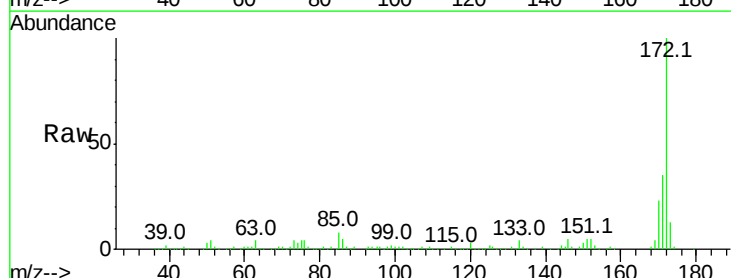
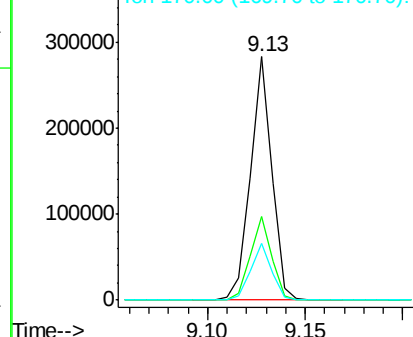
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

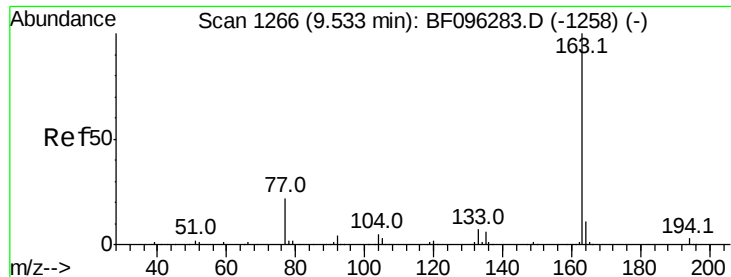


#44
 2-Fluorobiphenyl
 Concen: 16.66 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF096313.D
 Acq: 30 Jun 2017 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	34.5	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





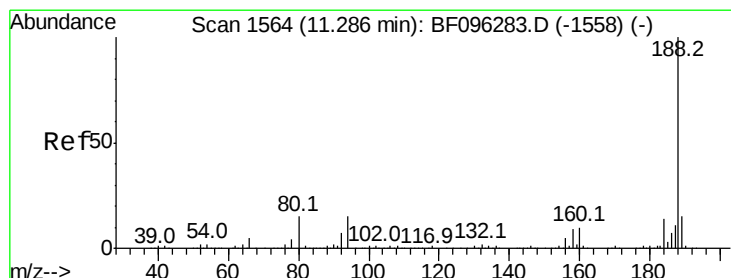
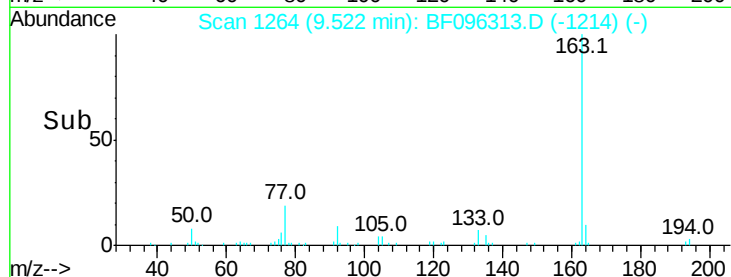
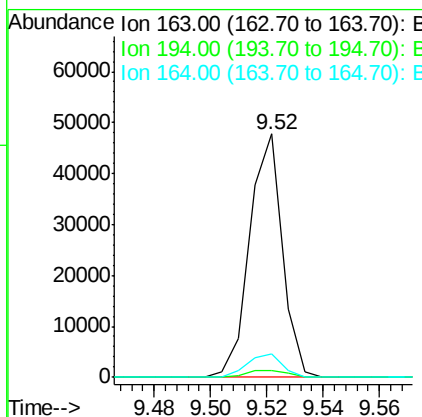
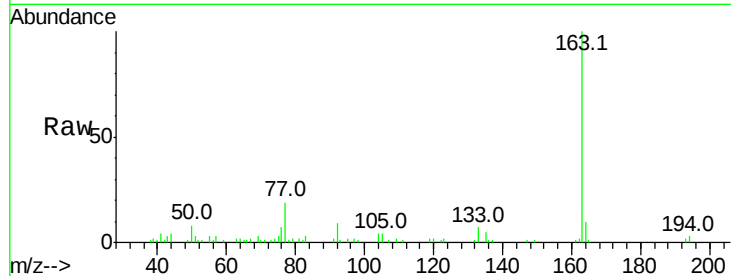
#49
Dimethylphthalate
Concen: 2.27 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G56-1.5-3

Tot Ion:	163	Resp:	38337
Ion Ratio	Lower	Upper	
163	100		
194	3.0	2.6	4.0
164	9.6	8.4	12.6

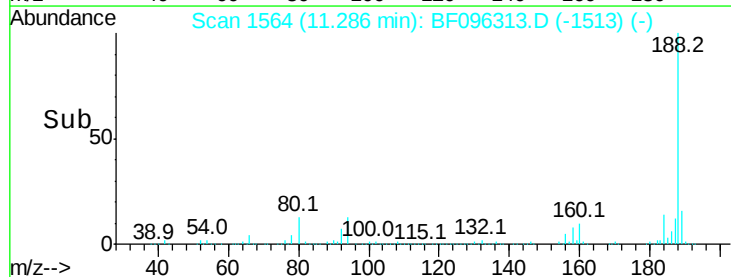
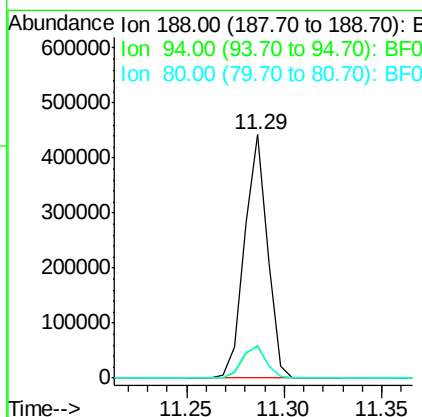
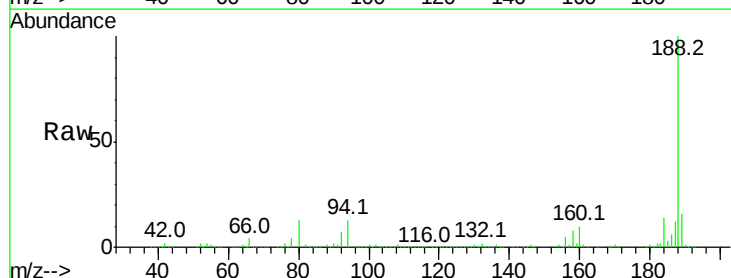
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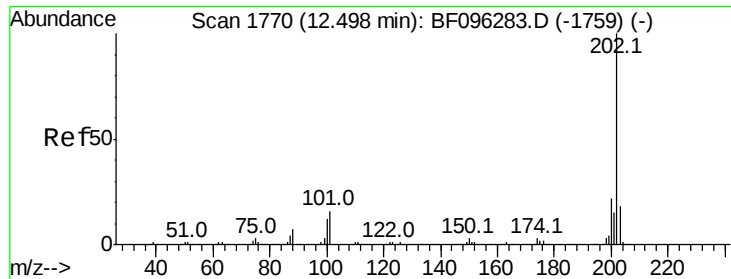
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. 0.00 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Tgt Ion:	188	Resp:	360470
Ion Ratio	Lower	Upper	
188	100		
94	13.1	9.4	14.2
80	12.9	10.2	15.2





#74

Fluoranthene

Concen: 3.15 ng

RT: 12.49 min Scan# 1769

Delta R.T. 0.00 min

Lab File: BF096313.D

Acq: 30 Jun 2017 1:11

Instrument :

BNA_F

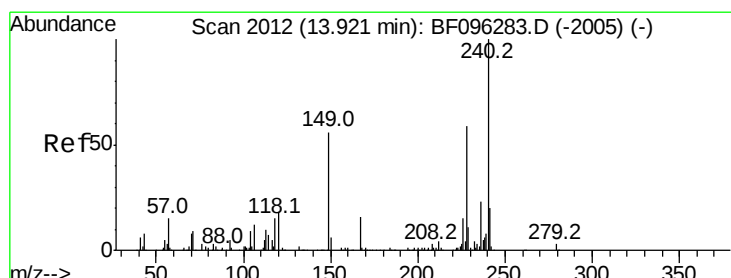
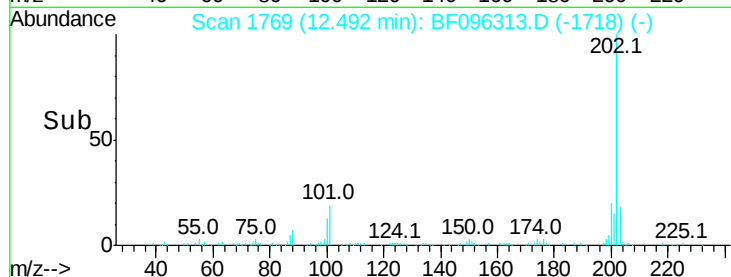
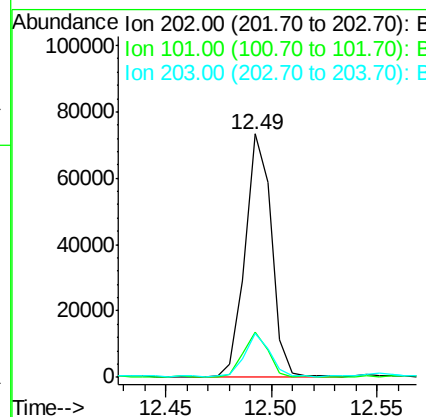
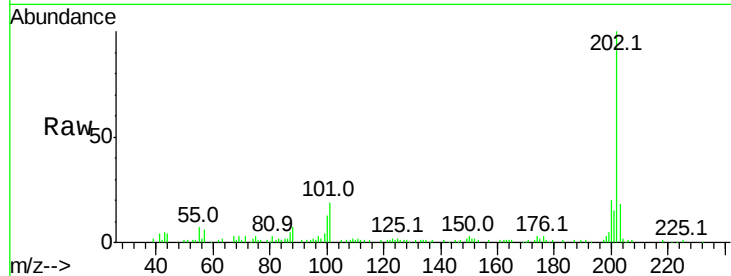
ClientSampled :

G56-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	18.7	0.0	33.2
203	17.8	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

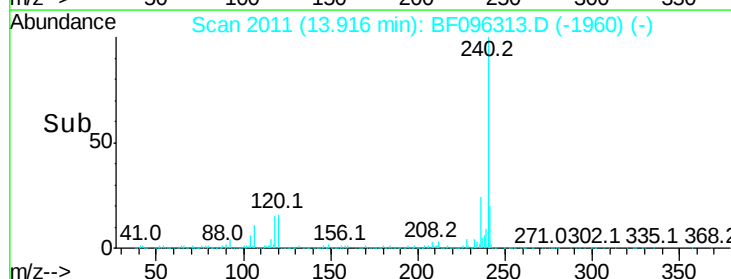
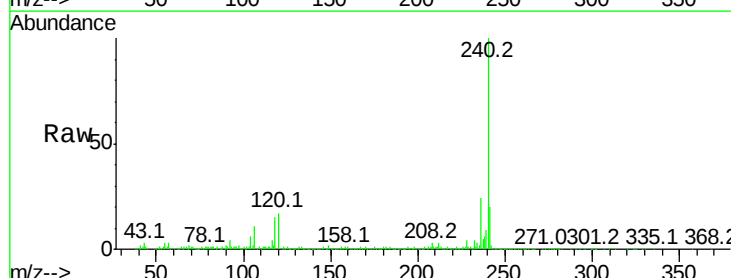
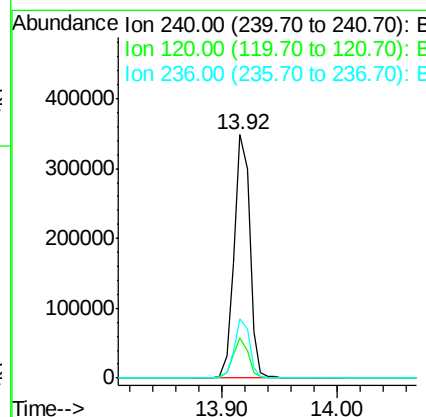
RT: 13.92 min Scan# 2011

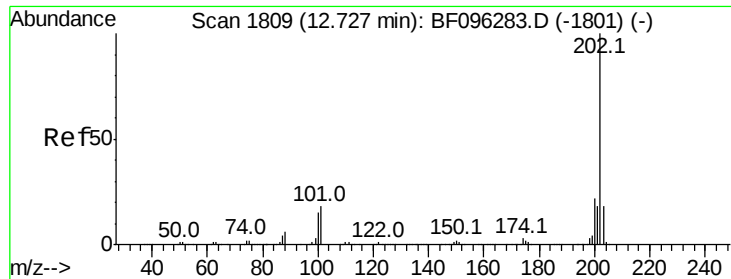
Delta R.T. 0.00 min

Lab File: BF096313.D

Acq: 30 Jun 2017 1:11

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	16.6	5.8	8.8#
236	24.2	20.5	30.7





#77

Pvrene

Concen: 2.32 ng

RT: 12.72 min Scan# 1808

Delta R.T. 0.00 min

Lab File: BF096313.D

Acq: 30 Jun 2017 1:11

Instrument :

BNA_F

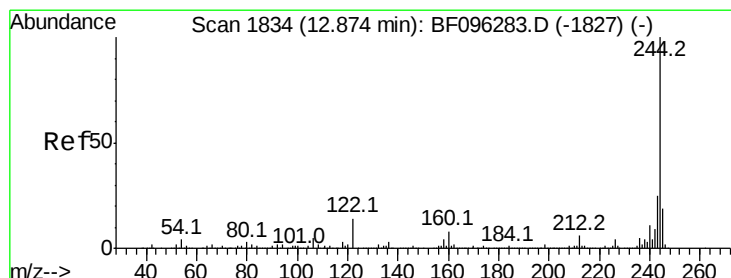
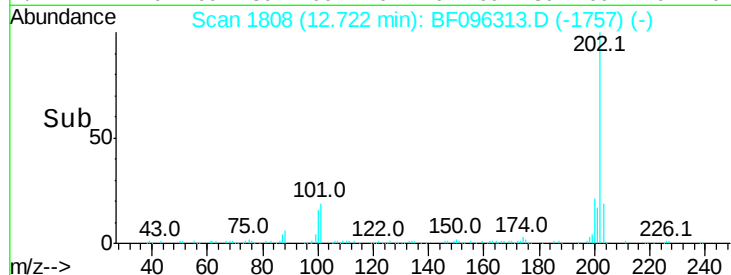
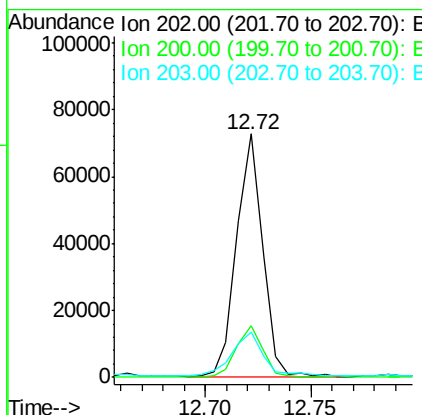
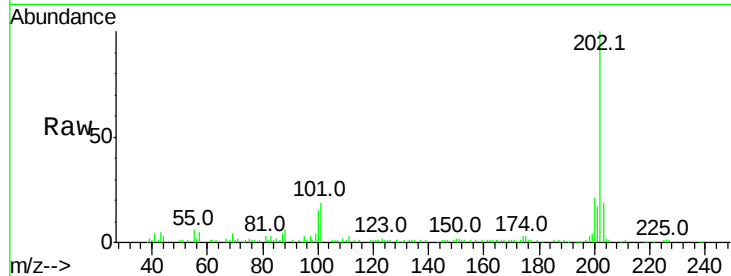
ClientSampleId :

G56-1.5-3

Tot Ion:	202	Resp:	62497
Ion Ratio	Lower	Upper	
202	100		
200	21.2	17.6	26.4
203	18.6	14.4	21.6

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#78

Terphenyl-d14

Concen: 11.43 ng

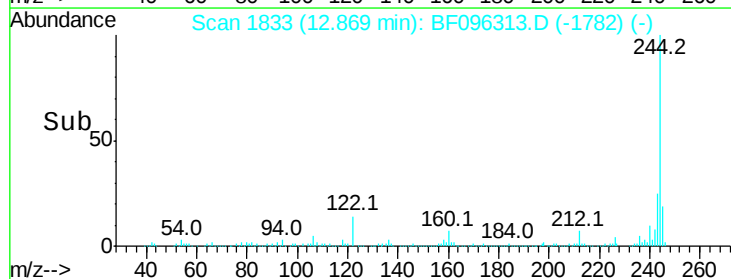
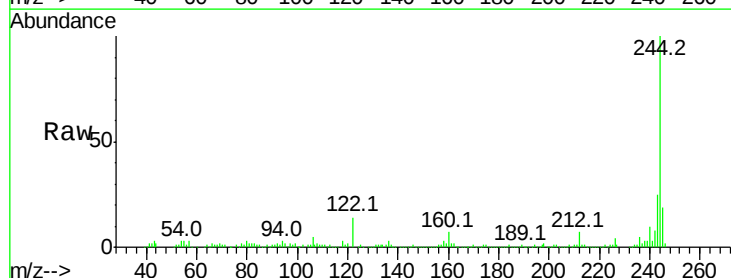
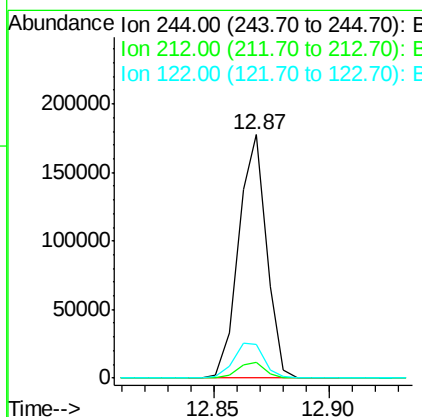
RT: 12.87 min Scan# 1833

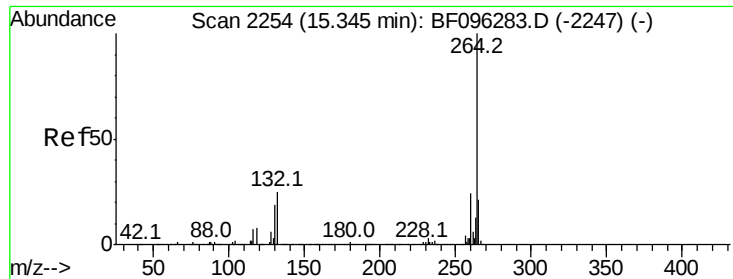
Delta R.T. 0.00 min

Lab File: BF096313.D

Acq: 30 Jun 2017 1:11

Tgt Ion:	244	Resp:	149883
Ion Ratio	Lower	Upper	
244	100		
212	6.6	6.0	9.0
122	14.0	10.3	15.5





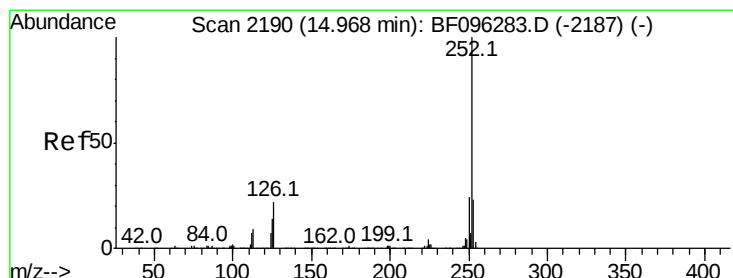
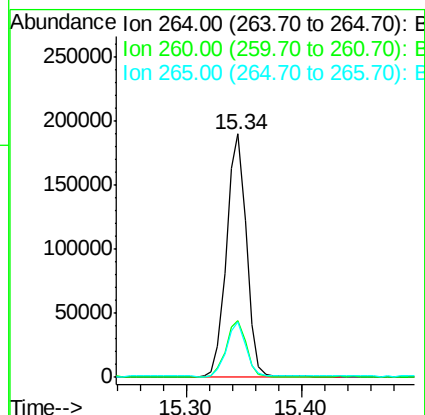
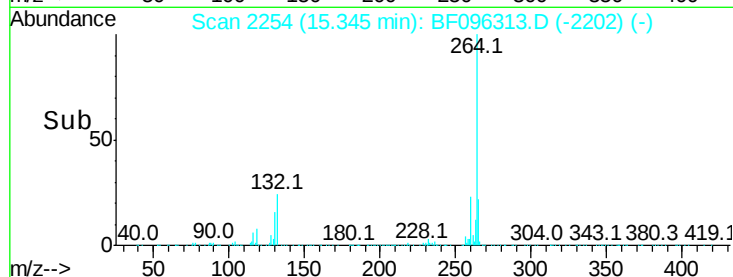
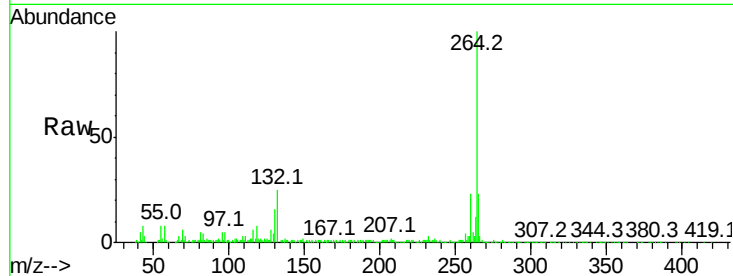
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Instrument :
BNA_F
ClientSampleId :
G56-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
264	100			
260	23.3	19.5	29.3	
265	22.7	17.2	25.8	

Manual Integrations
APPROVED

mohammad
6/30/2017 2:52:22 PM



#87
Benzo(b)fluoranthene
Concen: 2.10 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF096313.D
Acq: 30 Jun 2017 1:11

Tgt Ion	Ratio	Resp	Lower	Upper
252	100			
253	27.8	18.1	27.1#	
125	29.0	9.8	14.8#	

