

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096351.D
 Acq On : 30 Jun 2017 22:11
 Operator : SJ/MA
 Sample : I3908-05 5X
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-60-0-1.5

Manual Integrations
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Quant Time: Jul 01 00:12:56 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	6.76	152	146881	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	570206	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	207900	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	309487	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	340817	20.00	ng	-0.01
86) Perylene-d12	15.32	264	242045	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	201412	19.76	ng	-0.02
7) Phenol-d6	6.38	99	243401	19.72	ng	-0.01
23) Nitrobenzene-d5	7.31	82	125571	15.24	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	37453	22.89	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	210761	18.57	ng	-0.03
78) Terphenyl-d14	12.85	244	157055	11.50	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	45968	3.09	ng	99
74) Fluoranthene	12.48	202	58126	3.38	ng	97
77) Pyrene	12.70	202	56792	2.03	ng	98

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

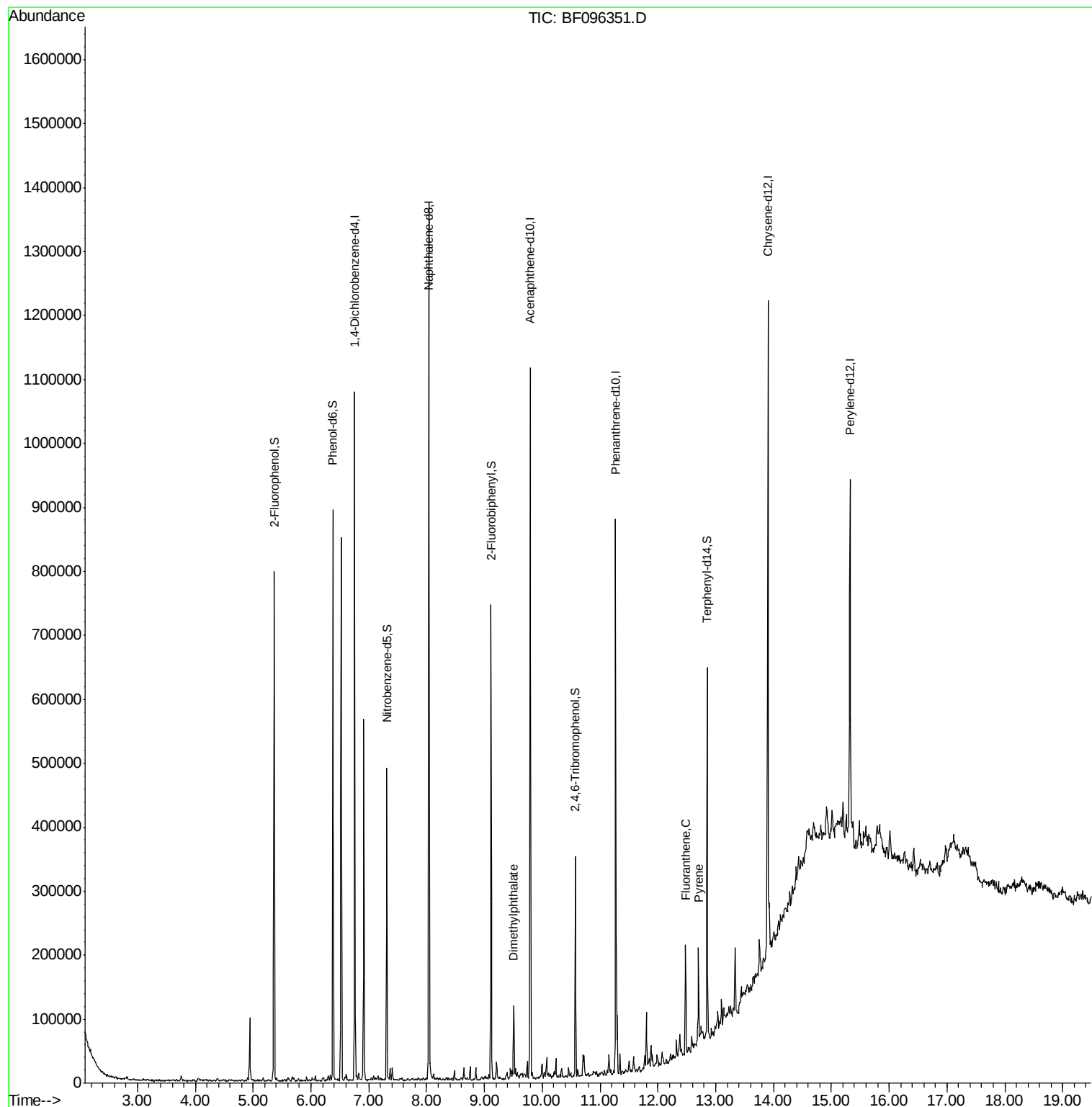
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
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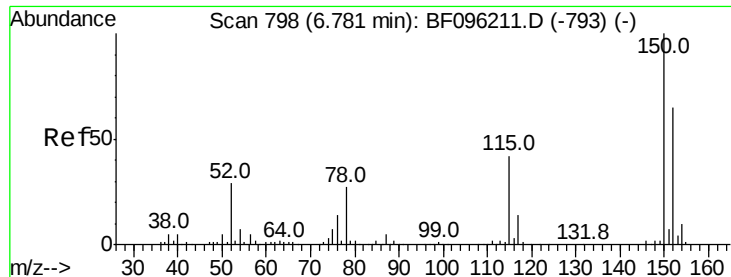
Instrument :
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 794

Delta R.T. -0.02 min

Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Instrument :

BNA_F

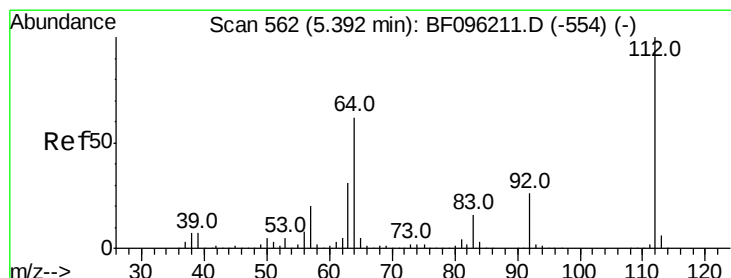
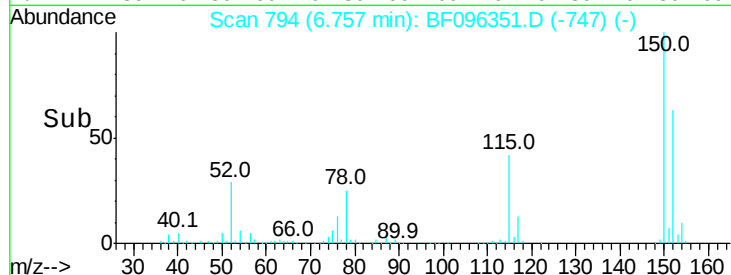
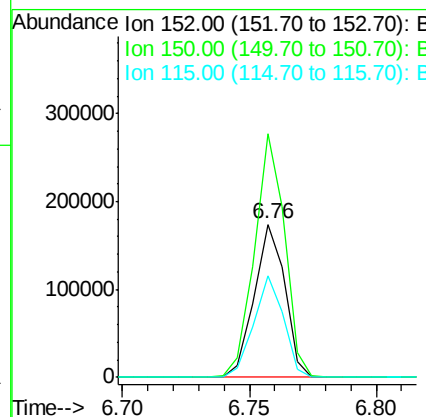
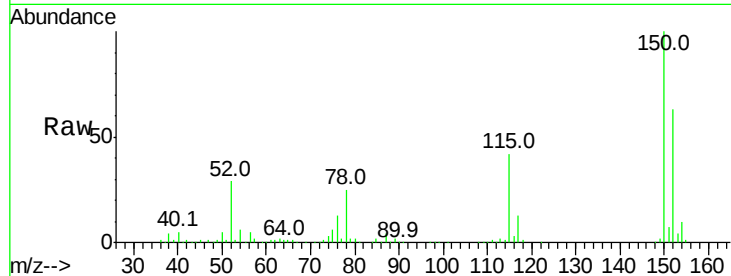
ClientSampleId :

G-60-0-1.5

Tot Ion:	152	Resp:	146881
Ion Ratio	Lower	Upper	
152	100		
150	159.2	126.2	189.2
115	66.6	52.2	78.2

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#5

2-Fluorophenol

Concen: 19.76 ng

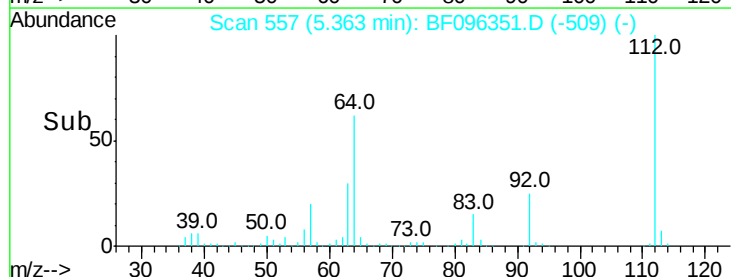
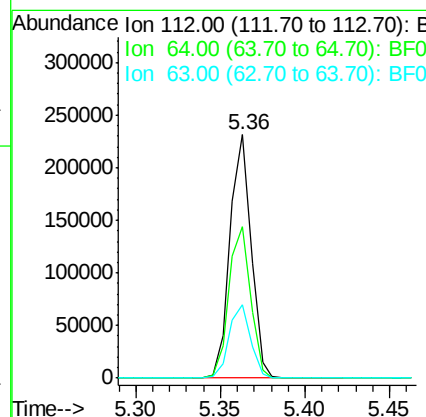
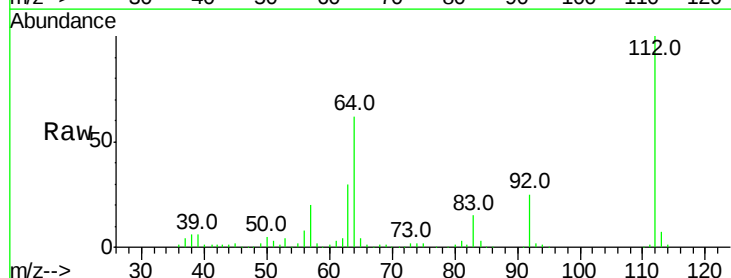
RT: 5.36 min Scan# 557

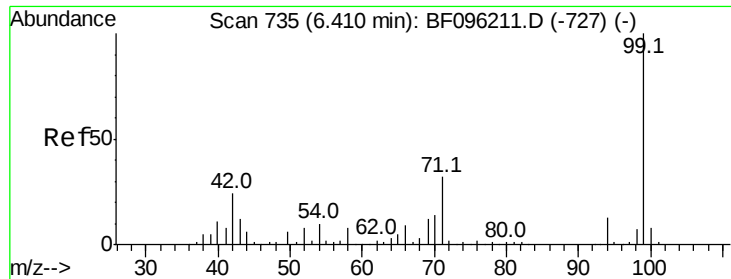
Delta R.T. -0.02 min

Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Tgt Ion:	112	Resp:	201412
Ion Ratio	Lower	Upper	
112	100		
64	62.0	46.0	69.0
63	30.1	23.4	35.0





#7

Phenol-d6

Concen: 19.72 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Instrument :

BNA_F

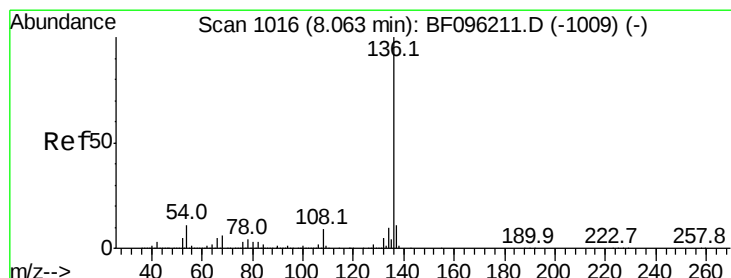
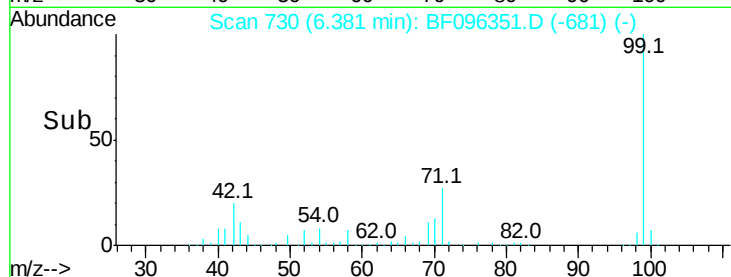
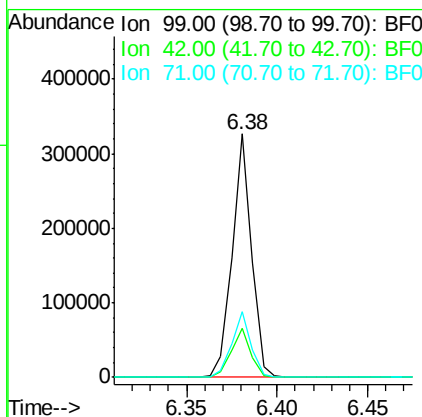
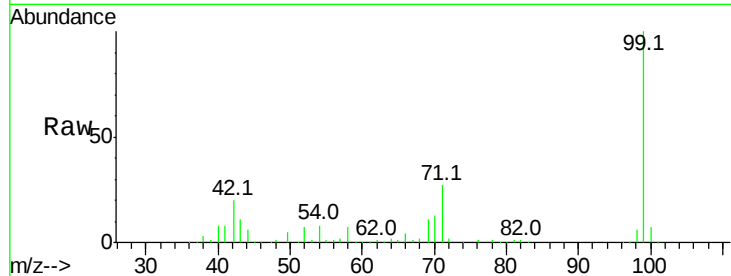
ClientSampleId :

G-60-0-1.5

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		243401		
42	20.0	13.5	20.3		
71	27.2	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

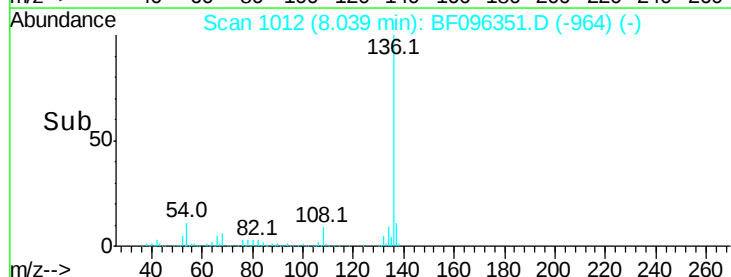
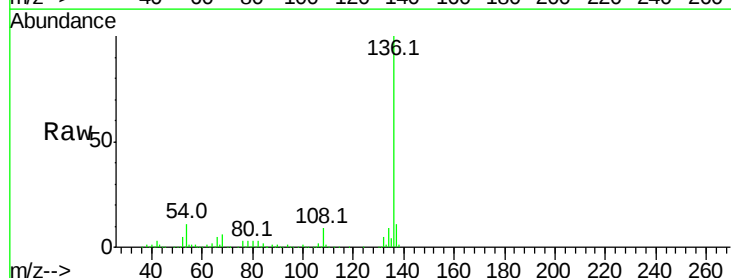
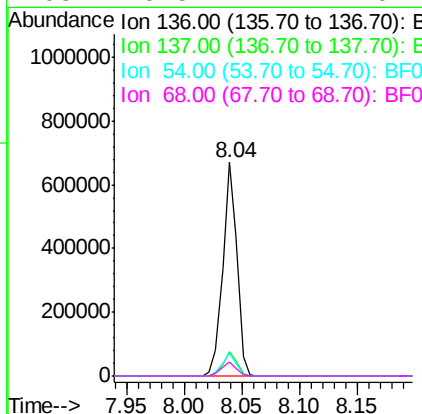
RT: 8.04 min Scan# 1012

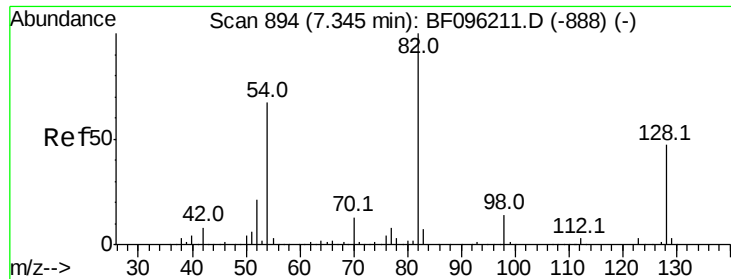
Delta R.T. -0.02 min

Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		570206		
137	11.1	8.5	12.7		
54	11.1	4.9	7.3#		
68	6.5	4.1	6.1#		





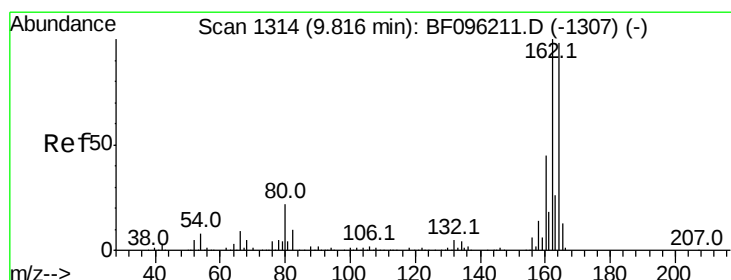
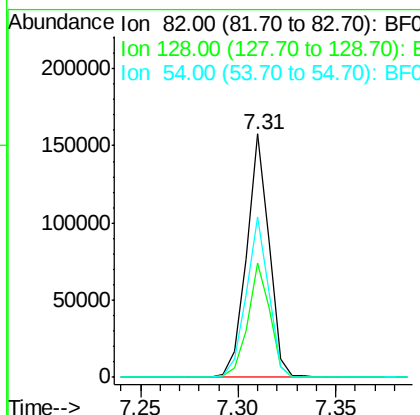
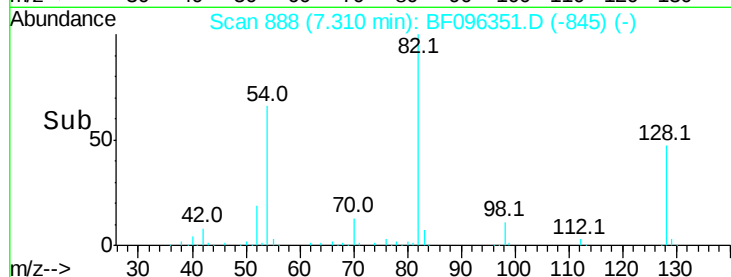
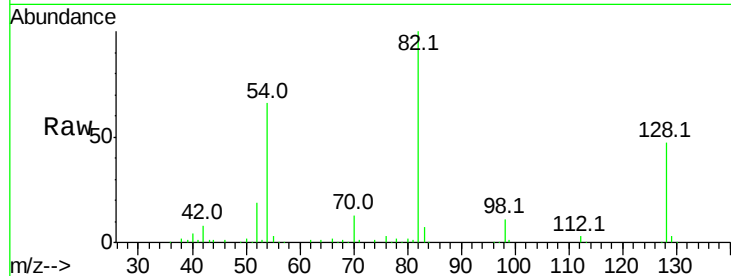
#23
 Nitrobenzene-d5
 Concen: 15.24 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.05 min
 Lab File: BF096351.D
 Acq: 30 Jun 2017 22:11

Instrument :
 BNA_F
 ClientSampleId :
 G-60-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	47.0	34.0	51.0
54	65.7	42.2	63.2

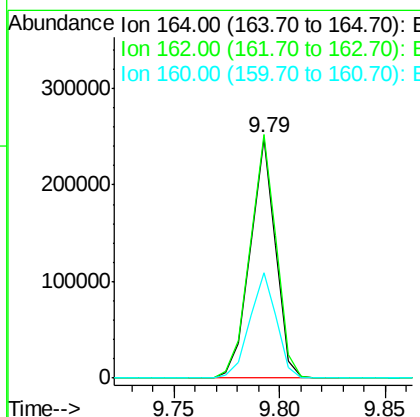
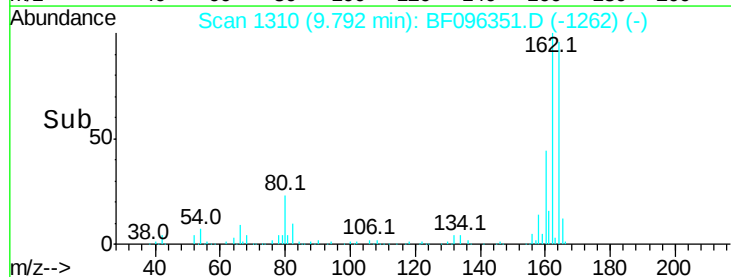
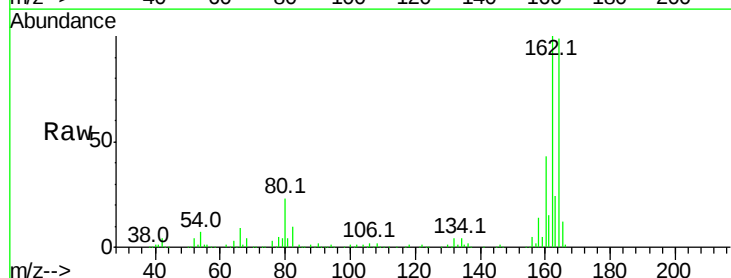
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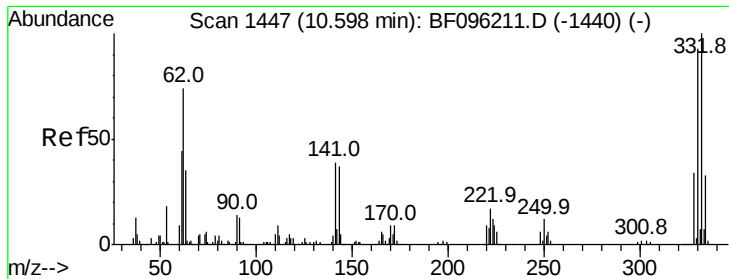
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#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 1310
 Delta R.T. -0.02 min
 Lab File: BF096351.D
 Acq: 30 Jun 2017 22:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.1	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 22.89 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.02 min

Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Instrument :

BNA_F

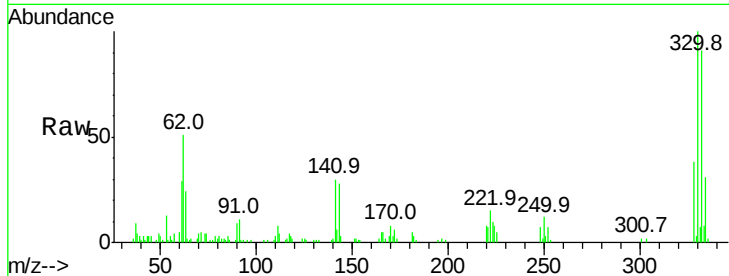
ClientSampleId :

G-60-0-1.5

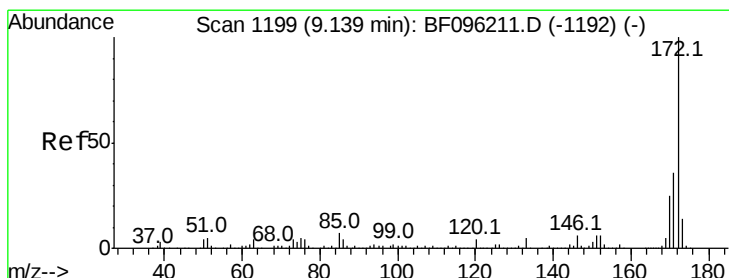
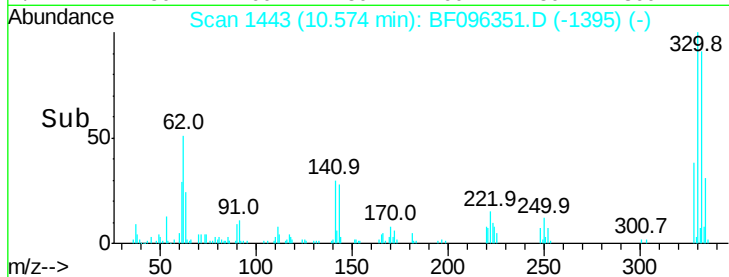
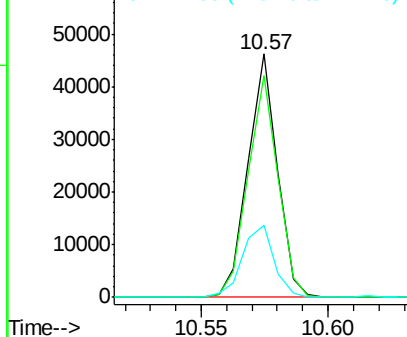
Tot Ion:	330	Resp:	37453
Ion Ratio	Lower	Upper	
330	100		
332	92.9	76.6	115.0
141	31.9	31.4	47.2

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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: 18.57 ng

RT: 9.12 min Scan# 1195

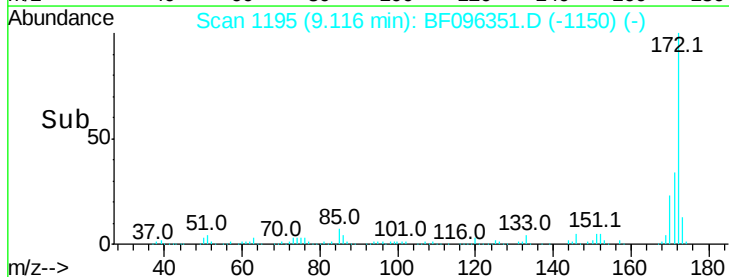
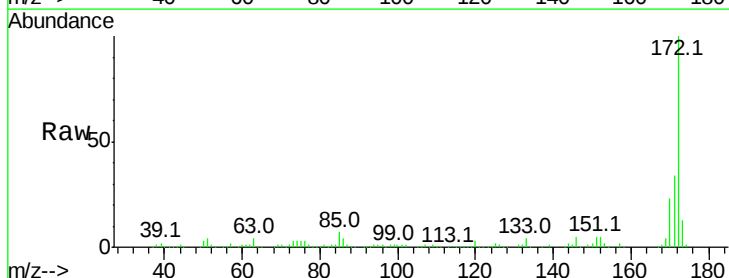
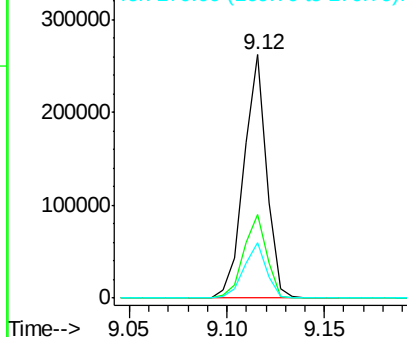
Delta R.T. -0.03 min

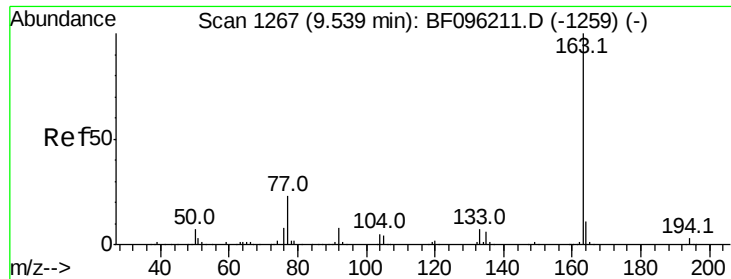
Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Tgt Ion:	172	Resp:	210761
Ion Ratio	Lower	Upper	
172	100		
171	34.2	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





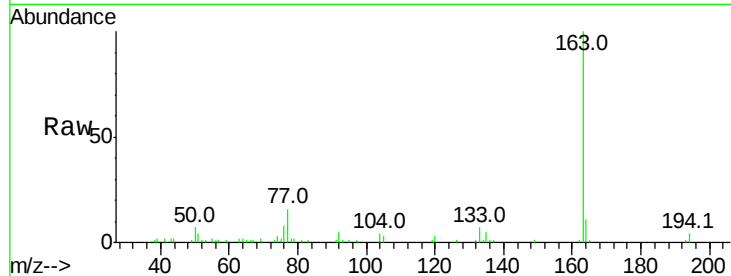
#49
Dimethylphthalate
Concen: 3.09 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096351.D
Acq: 30 Jun 2017 22:11

Instrument :
BNA_F
ClientSampleId :
G-60-0-1.5

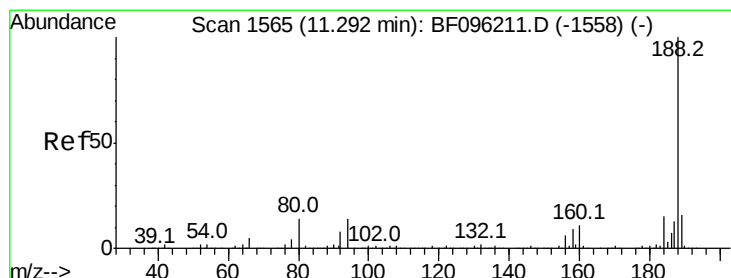
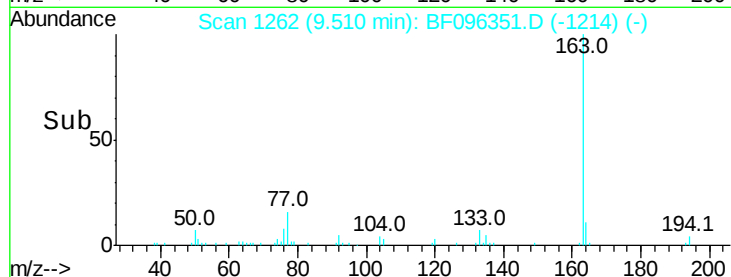
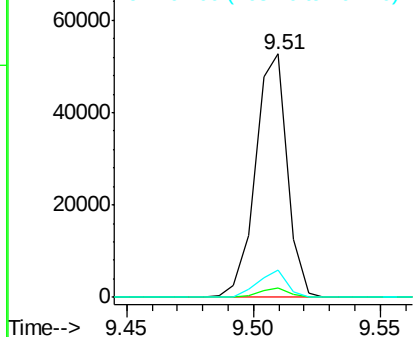
Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	2.6	4.0
164	11.0	8.4	12.6

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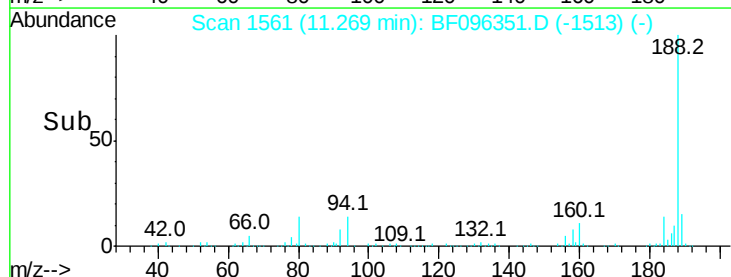
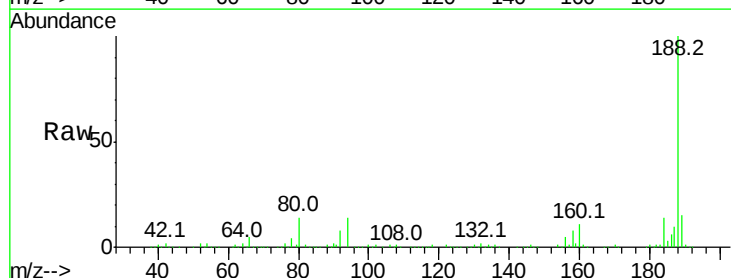
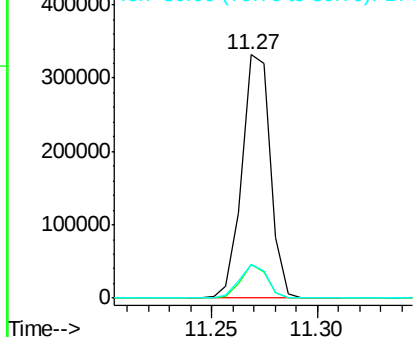
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
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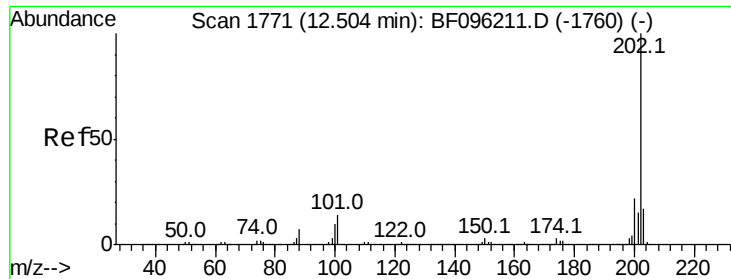


#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF096351.D
Acq: 30 Jun 2017 22:11

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.0	9.4	14.2
80	14.0	10.2	15.2

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: 3.38 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Instrument :

BNA_F

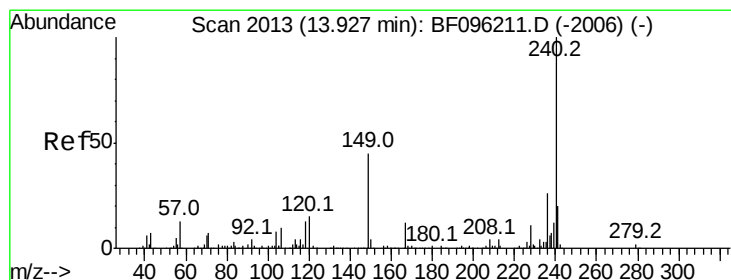
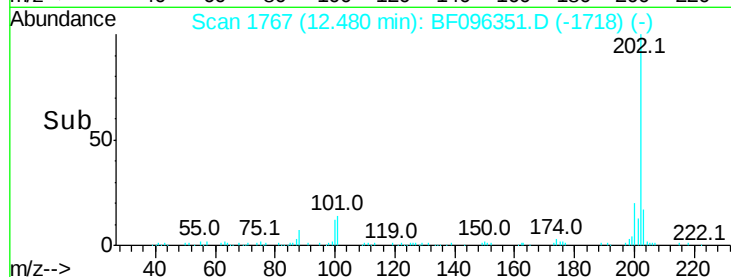
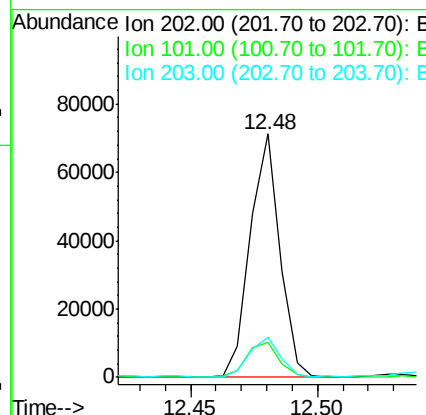
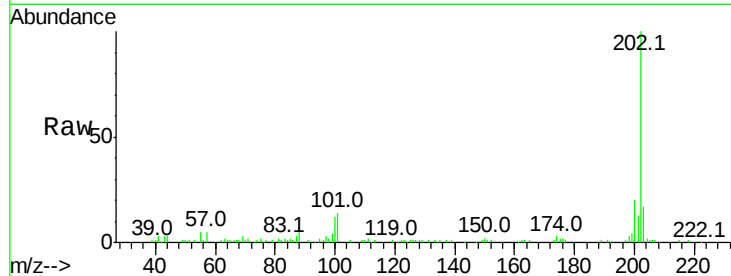
ClientSampleId :

G-60-0-1.5

Tot Ion:	202	Resp:	58126
Ion Ratio	Lower	Upper	
202	100		
101	14.4	0.0	33.2
203	16.6	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

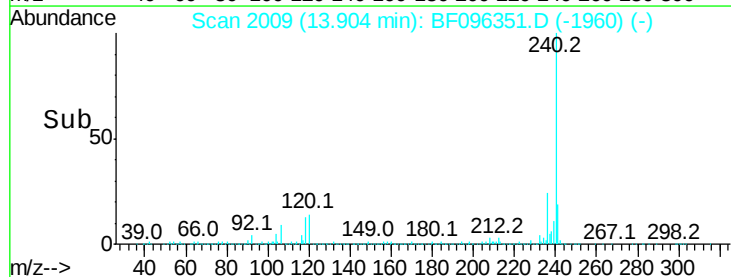
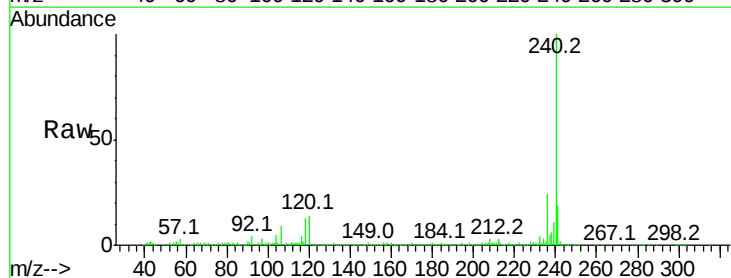
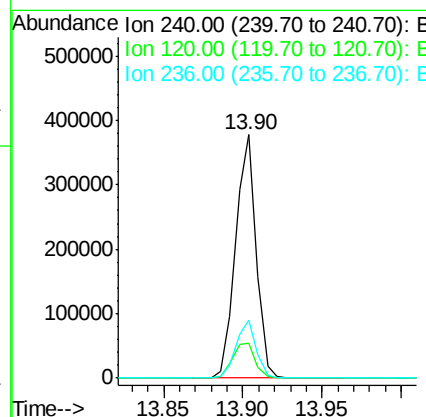
RT: 13.90 min Scan# 2009

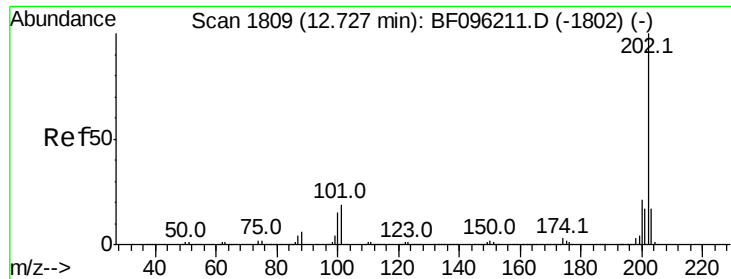
Delta R.T. -0.01 min

Lab File: BF096351.D

Acq: 30 Jun 2017 22:11

Tgt Ion:	240	Resp:	340817
Ion Ratio	Lower	Upper	
240	100		
120	14.5	5.8	8.8#
236	23.9	20.5	30.7





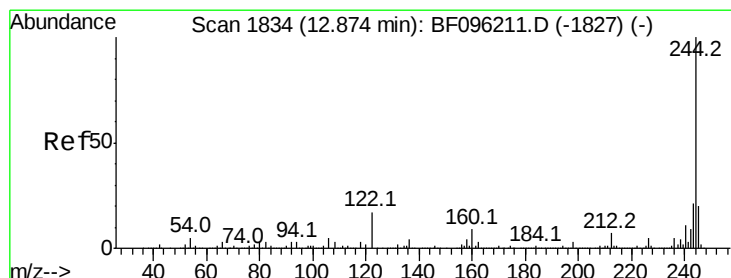
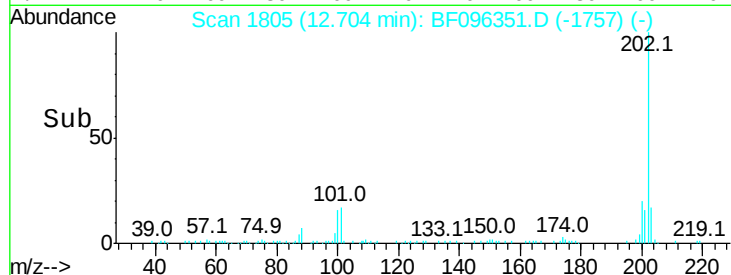
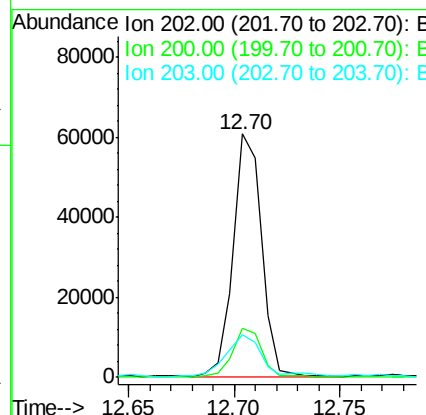
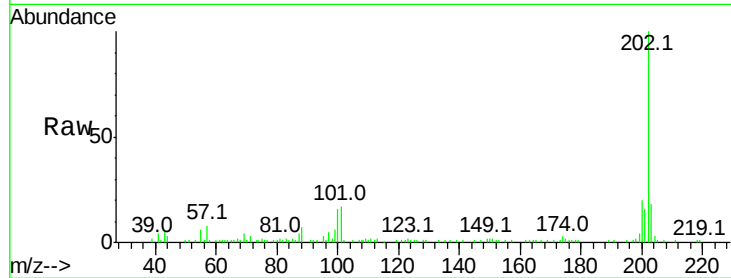
#77
Pvrene
Concen: 2.03 ng
RT: 12.70 min Scan# 1805
Delta R.T. -0.02 min
Lab File: BF096351.D
Acq: 30 Jun 2017 22:11

Instrument :
BNA_F
ClientSampleId :
G-60-0-1.5

Tot Ion	Ratio	Lower	Upper
202	100		
200	20.3	17.6	26.4
203	17.7	14.4	21.6

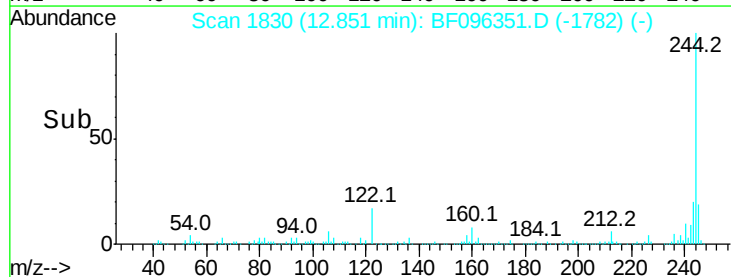
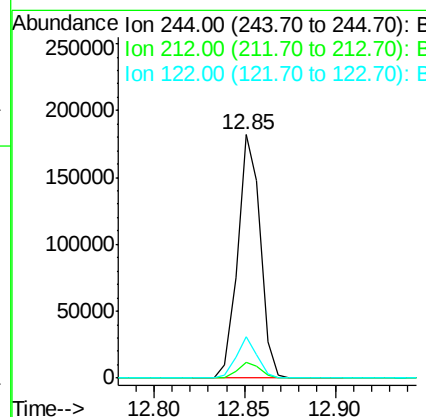
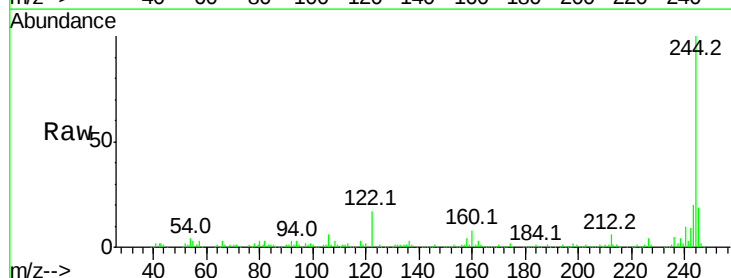
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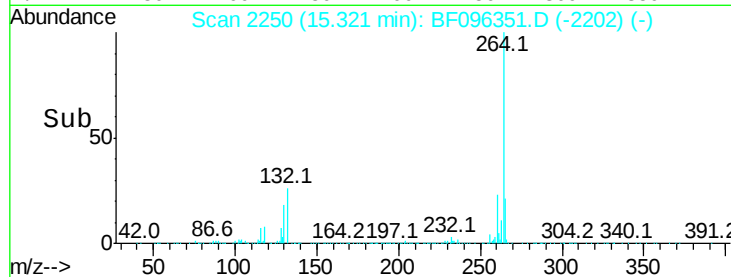
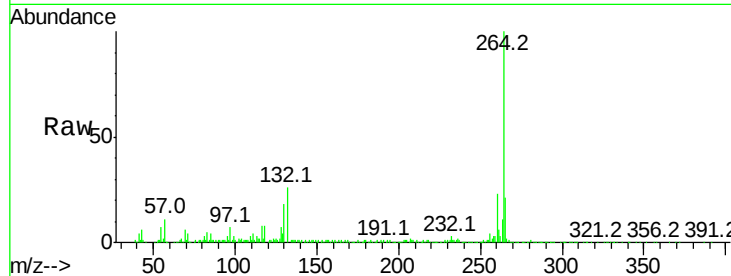
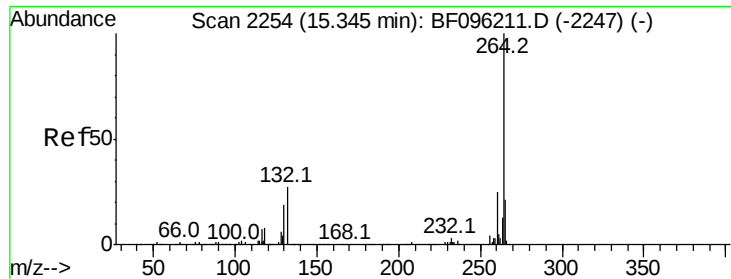
mohammad
7/3/2017 11:37:24 AM



#78
Terphenyl-d14
Concen: 11.50 ng
RT: 12.85 min Scan# 1830
Delta R.T. -0.02 min
Lab File: BF096351.D
Acq: 30 Jun 2017 22:11

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.4	6.0	9.0
122	17.1	10.3	15.5





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF096351.D
Acq: 30 Jun 2017 22:11

Instrument :
BNA_F
ClientSampleId :
G-60-0-1.5

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.5	29.3
265	21.0	17.2	25.8

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:24 AM

