

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096348.D
 Acq On : 30 Jun 2017 20:48
 Operator : SJ/MA
 Sample : I3959-07 5X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-C

Manual Integrations
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mohammad
 7/3/2017 11:37:13 AM

Quant Time: Jul 01 00:00:18 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	6.76	152	155330	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	636594	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	238811	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	326997	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	315549	20.00	ng	-0.01
86) Perylene-d12	15.32	264	245376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	210066	19.48	ng	-0.02
7) Phenol-d6	6.38	99	265043	20.30	ng	-0.01
23) Nitrobenzene-d5	7.31	82	138798	15.09	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	42955	22.86	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	247566	18.98	ng	-0.03
78) Terphenyl-d14	12.86	244	150107	11.87	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.51	163	44409	2.60	ng	# 97
74) Fluoranthene	12.48	202	56429	3.11	ng	96
77) Pyrene	12.71	202	52653	2.03	ng	94

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

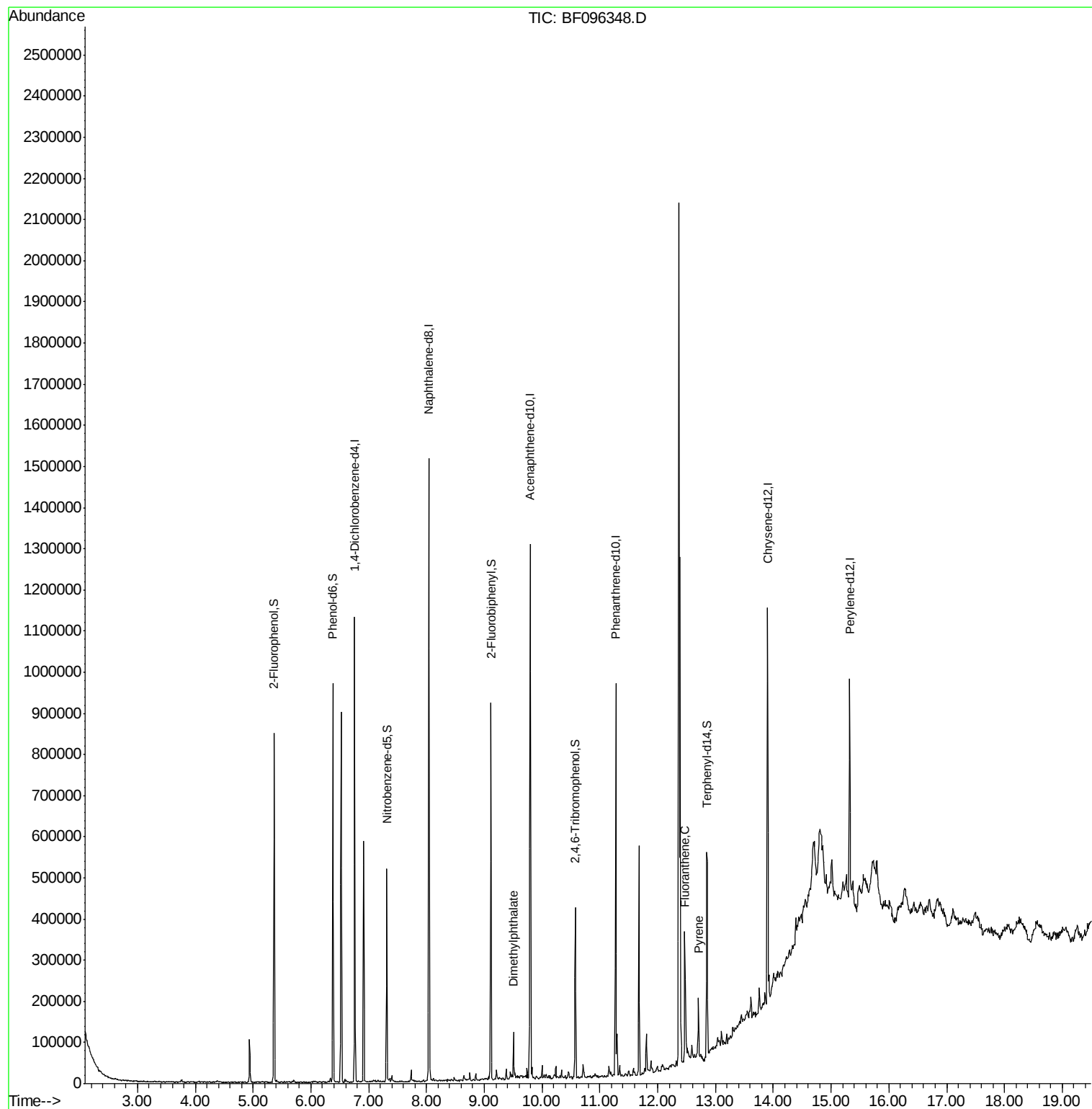
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096348.D
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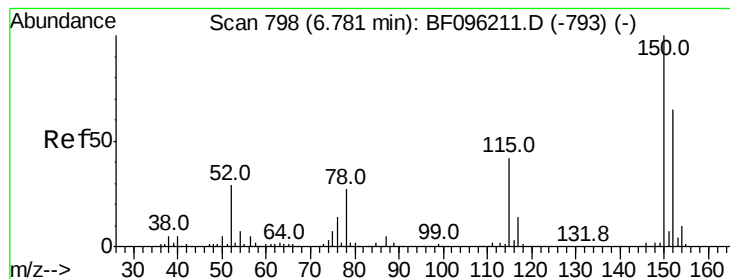
Instrument :
BNA_F
ClientSampleId :
BU-03-062717-C

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#1

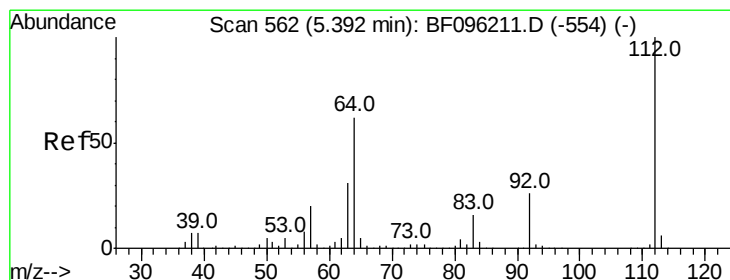
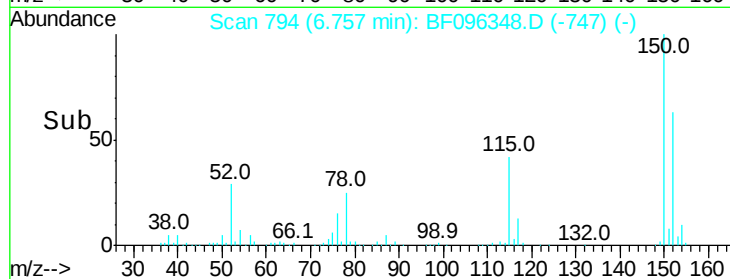
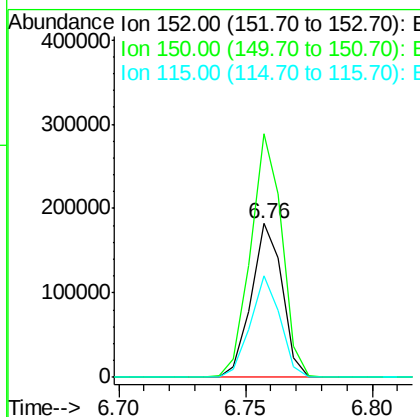
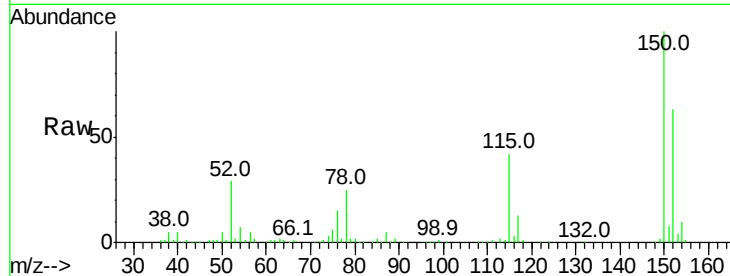
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 794
 Delta R.T. -0.02 min
 Lab File: BF096348.D
 Acq: 30 Jun 2017 20:48

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-C

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.4	126.2	189.2
115	65.8	52.2	78.2

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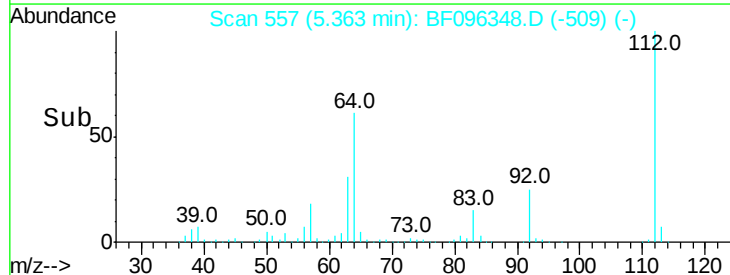
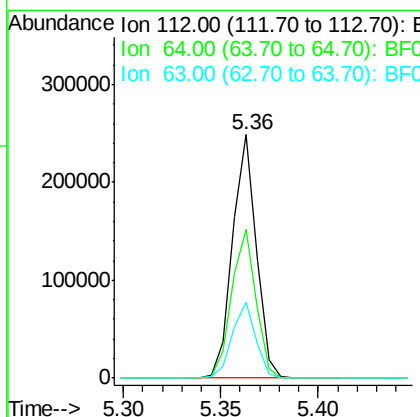
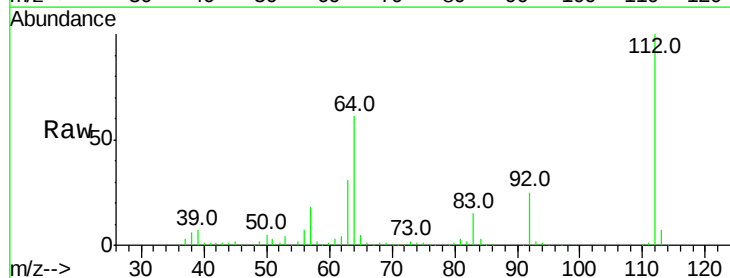
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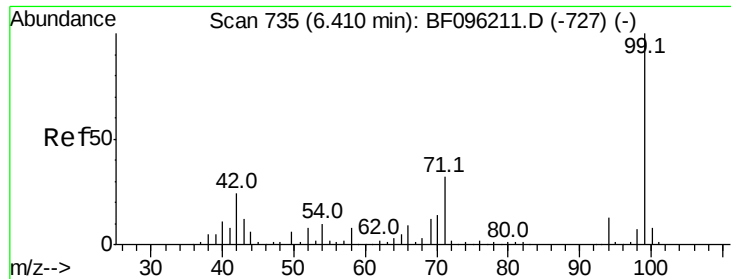


#5

2-Fluorophenol
 Concen: 19.48 ng
 RT: 5.36 min Scan# 557
 Delta R.T. -0.02 min
 Lab File: BF096348.D
 Acq: 30 Jun 2017 20:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.2	46.0	69.0
63	31.0	23.4	35.0





#7

Phenol-d6

Concen: 20.30 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096348.D

Acq: 30 Jun 2017 20:48

Instrument :

BNA_F

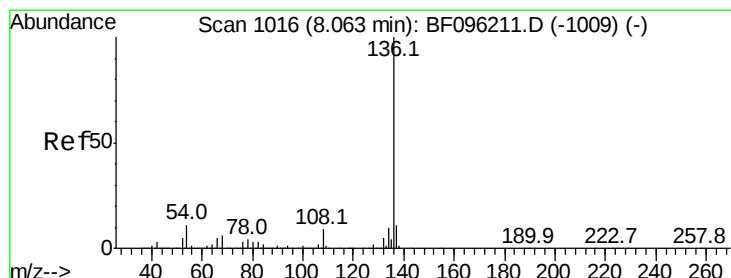
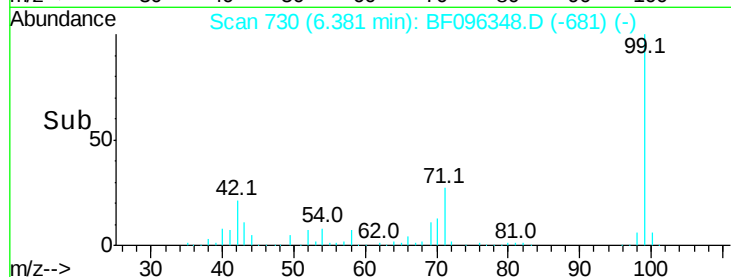
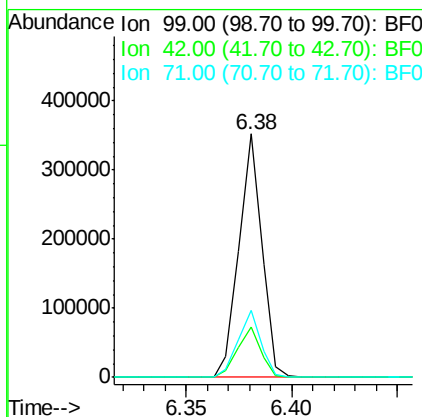
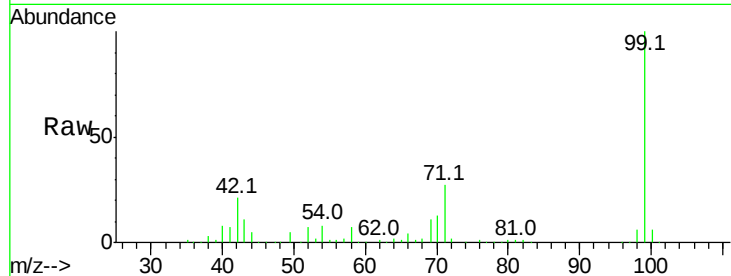
ClientSampleId :

BU-03-062717-C

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		265043		
42	20.6	13.5	20.3#		
71	27.4	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

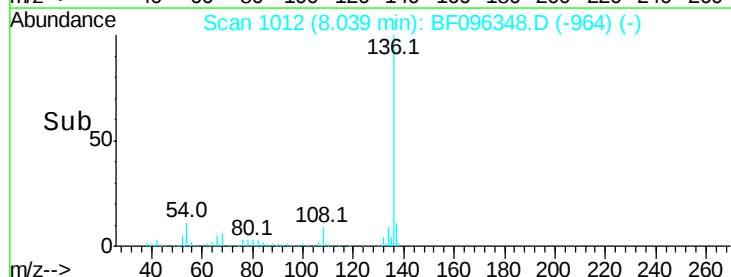
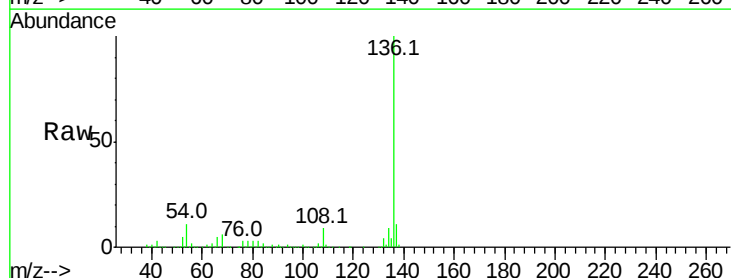
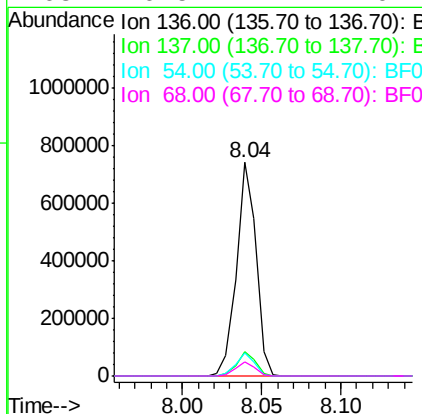
RT: 8.04 min Scan# 1012

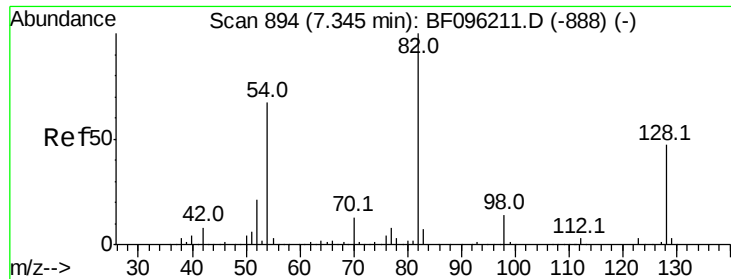
Delta R.T. -0.02 min

Lab File: BF096348.D

Acq: 30 Jun 2017 20:48

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		636594		
137	11.3	8.5	12.7		
54	10.9	4.9	7.3#		
68	6.5	4.1	6.1#		





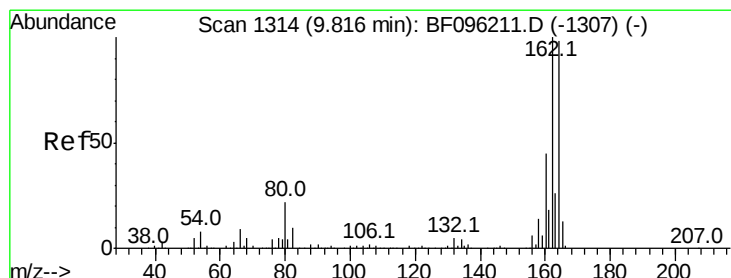
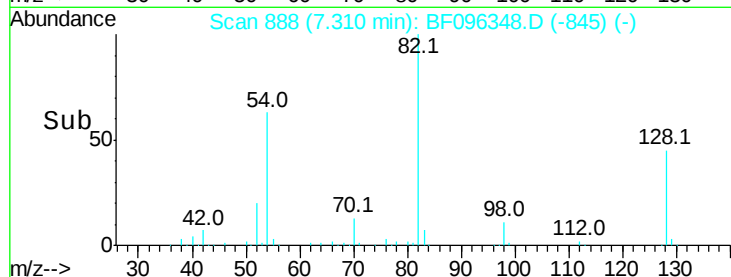
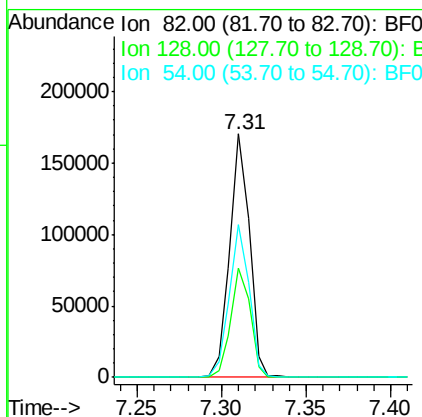
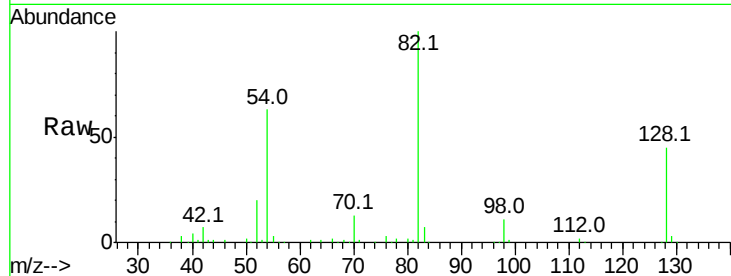
#23
Nitrobenzene-d5
Concen: 15.09 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.05 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-C

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.6	34.0	51.0
54	62.8	42.2	63.2

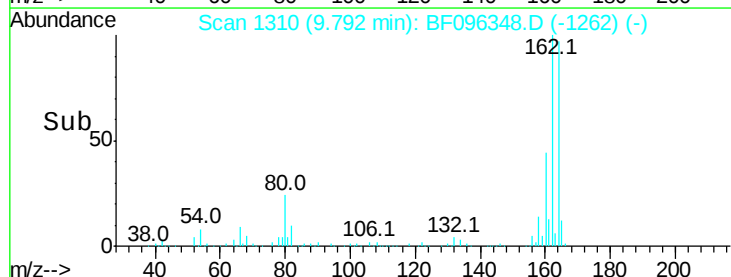
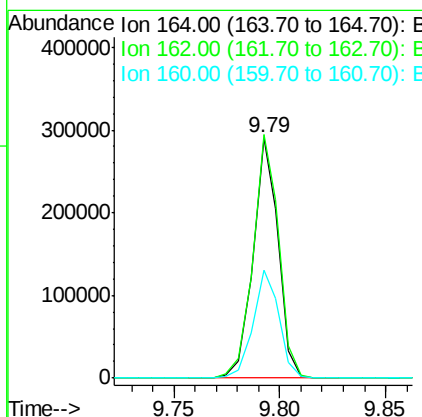
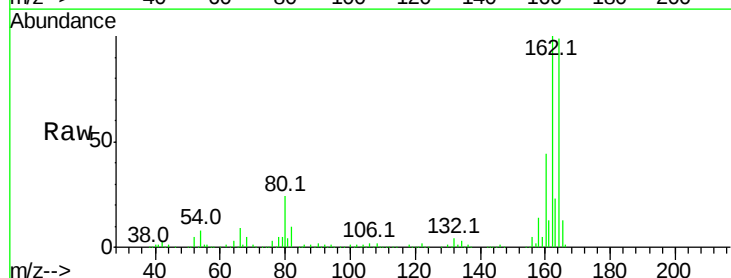
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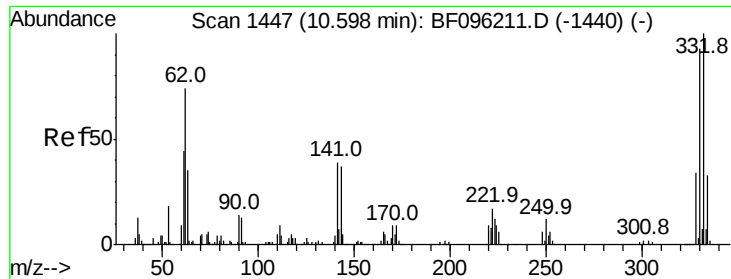
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.5	82.6	123.8
160	44.8	36.2	54.2





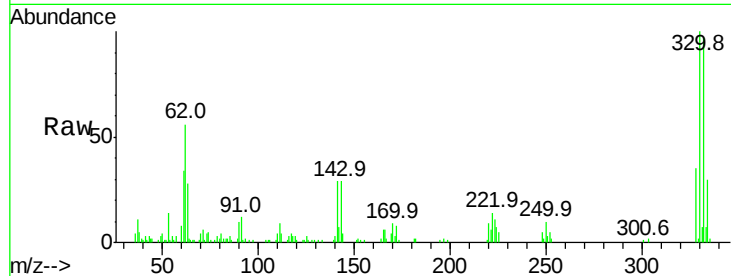
#41
 2,4,6-Tribromophenol
 Concen: 22.86 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF096348.D
 Acq: 30 Jun 2017 20:48

Instrument :
 BNA_F
 ClientSampleId :
 BU-03-062717-C

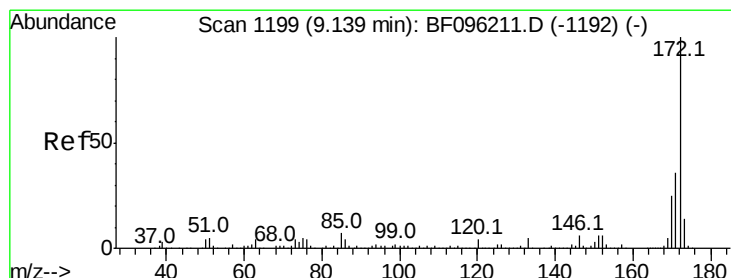
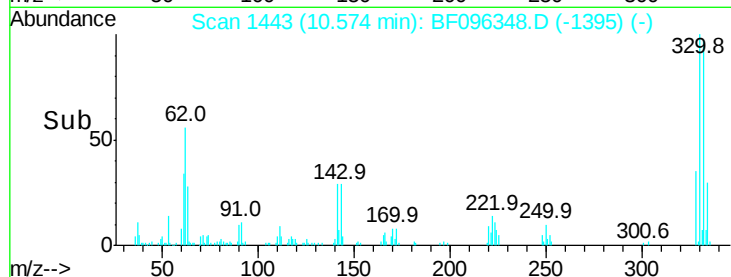
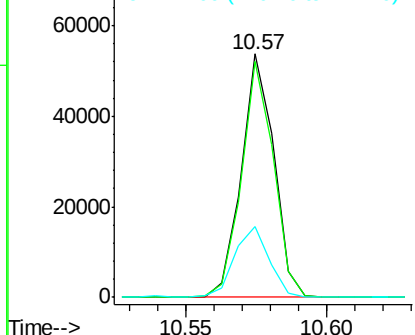
Tot Ion	Ratio	Resp	Lower	Upper
330	100			
332	95.4	76.6	115.0	
141	30.7	31.4	47.2#	

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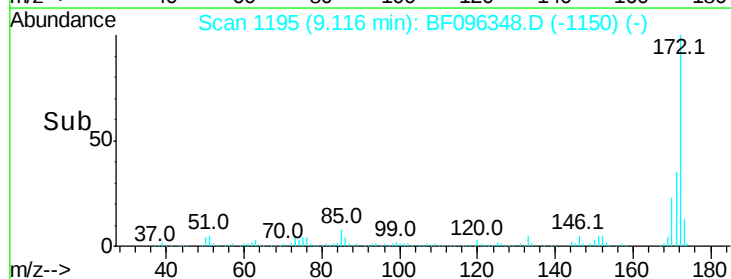
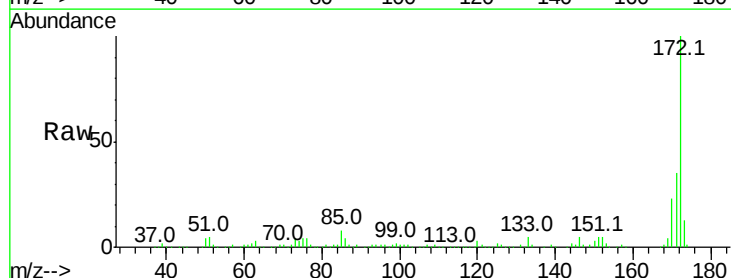
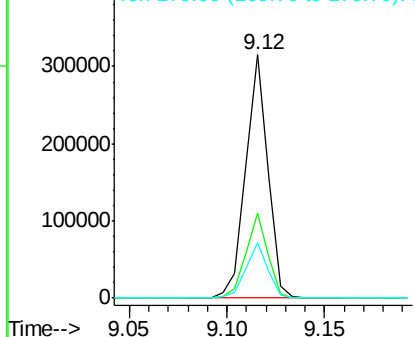
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

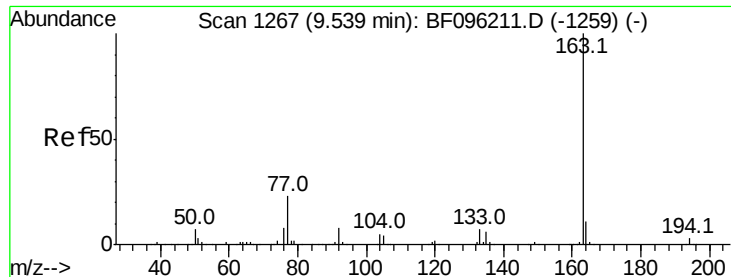


#44
 2-Fluorobiphenyl
 Concen: 18.98 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096348.D
 Acq: 30 Jun 2017 20:48

Tgt Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.0	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





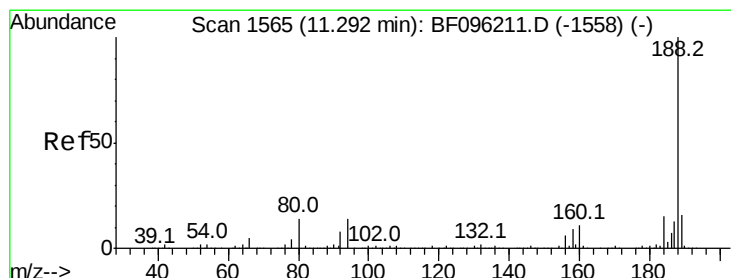
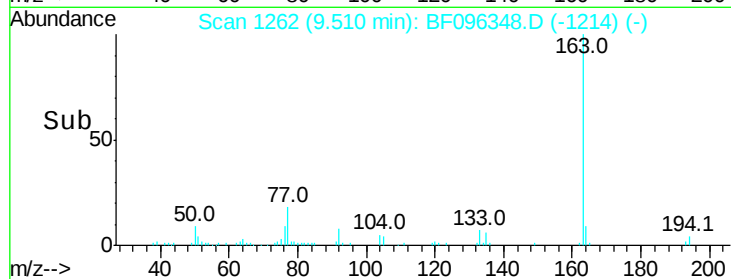
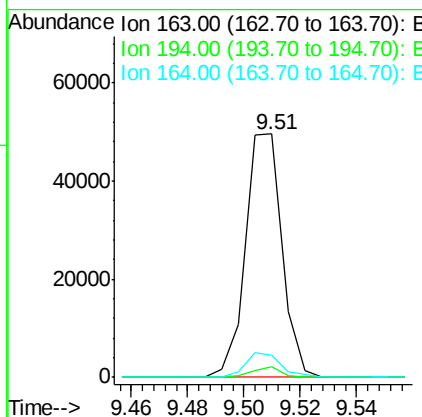
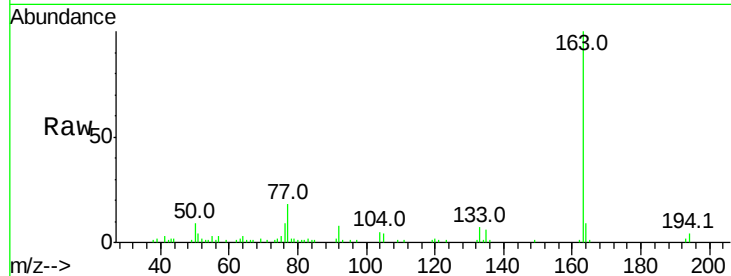
#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-C

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.1	2.6	4.0#
164	9.1	8.4	12.6

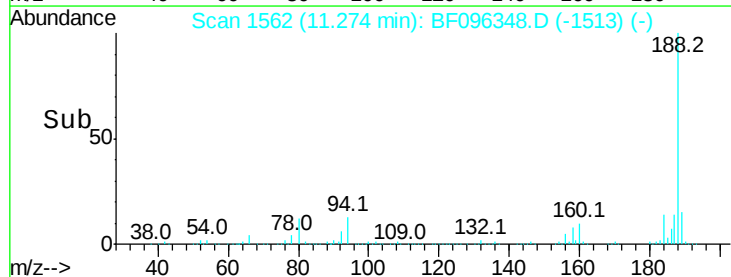
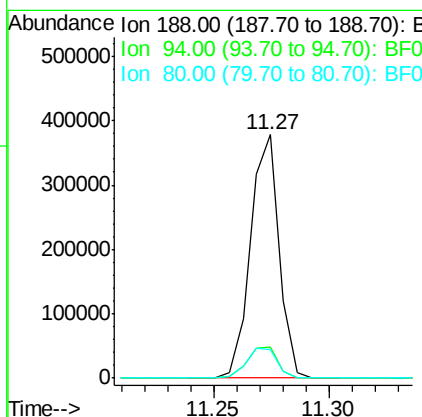
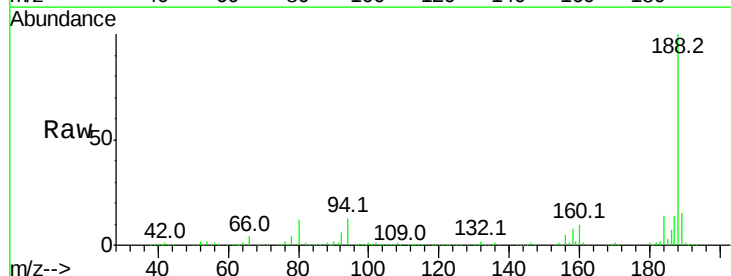
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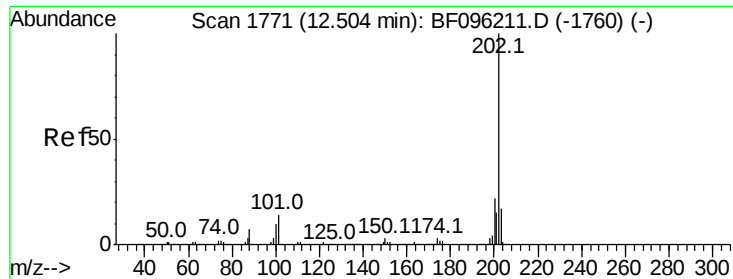
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	9.4	14.2
80	11.6	10.2	15.2





#74

Fluoranthene

Concen: 3.11 ng

RT: 12.48 min Scan# 1767

Delta R.T. -0.01 min

Lab File: BF096348.D

Acq: 30 Jun 2017 20:48

Instrument :

BNA_F

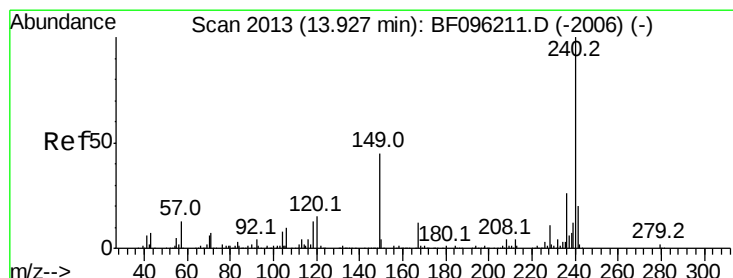
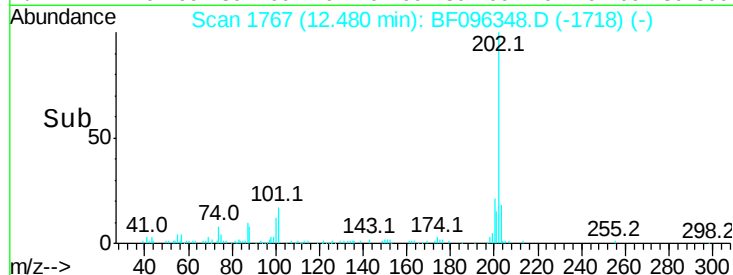
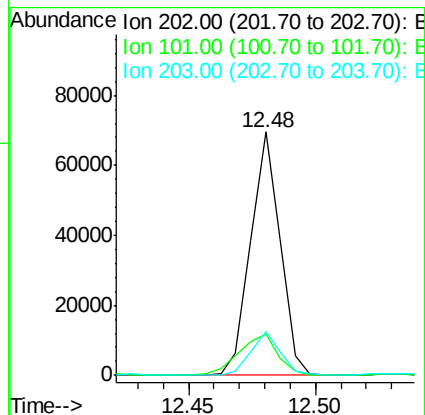
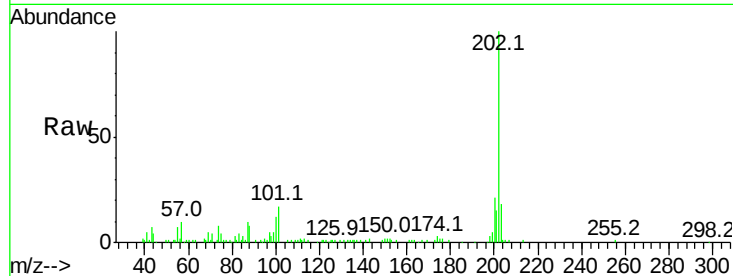
ClientSampleId :

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Tot Ion:	202	Resp:	56429
Ion Ratio	Lower	Upper	
202	100		
101	16.8	0.0	33.2
203	18.2	0.0	38.1

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#75

Chrysene-d12

Concen: 20.00 ng

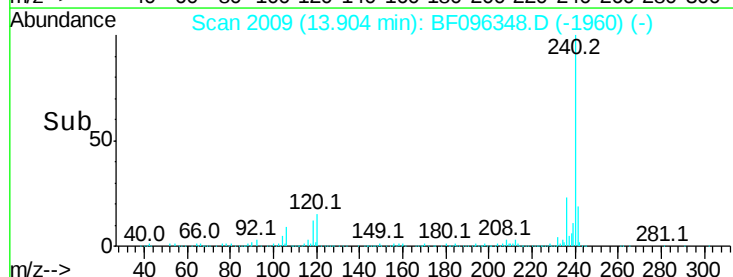
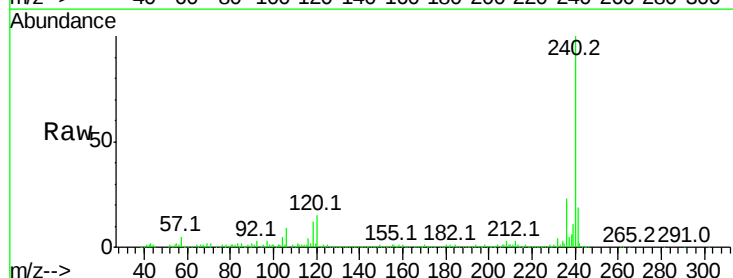
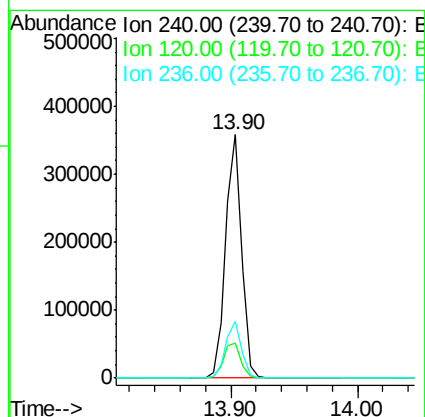
RT: 13.90 min Scan# 2009

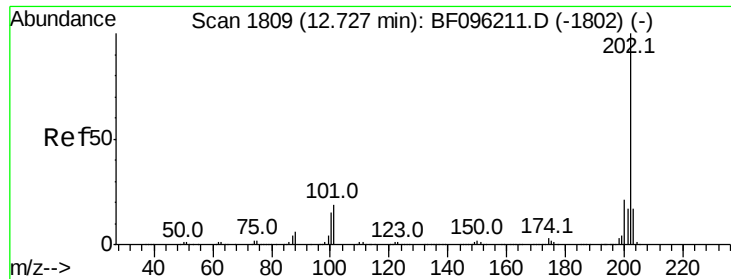
Delta R.T. -0.01 min

Lab File: BF096348.D

Acq: 30 Jun 2017 20:48

Tgt Ion:	240	Resp:	315549
Ion Ratio	Lower	Upper	
240	100		
120	14.6	5.8	8.8#
236	23.1	20.5	30.7





#77

Pvrene

Concen: 2.03 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF096348.D

Acq: 30 Jun 2017 20:48

Instrument :

BNA_F

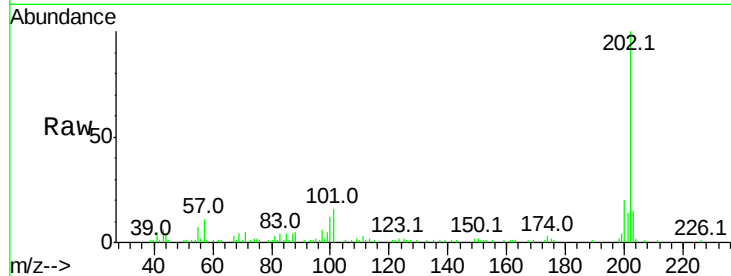
ClientSampleId :

BU-03-062717-C

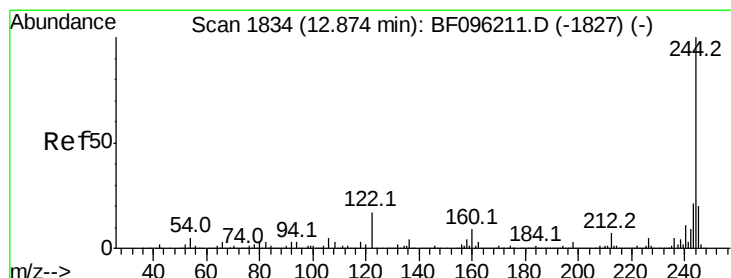
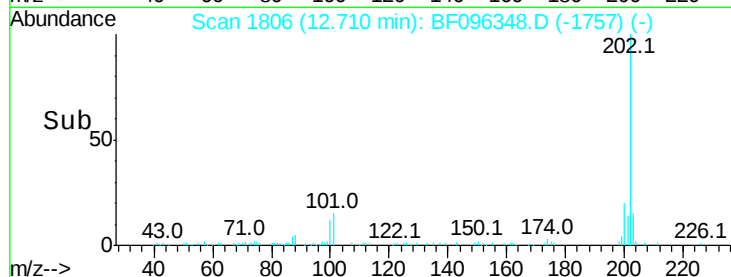
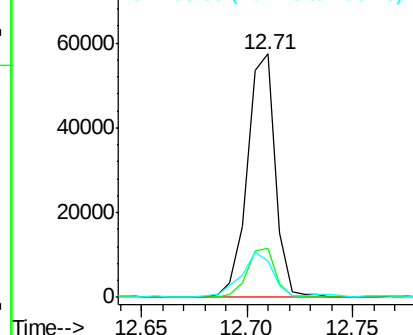
Tot Ion:	202	Resp:	52653
Ion Ratio	Lower	Upper	
202	100		
200	20.1	17.6	26.4
203	14.6	14.4	21.6

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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 11.87 ng

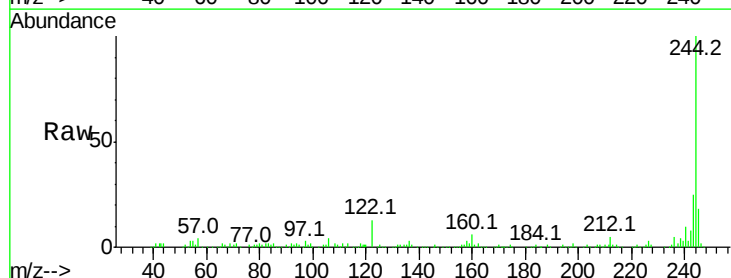
RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

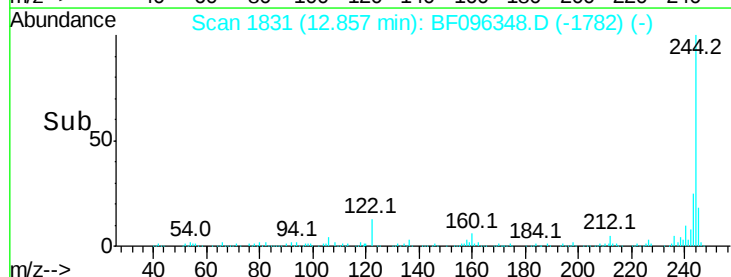
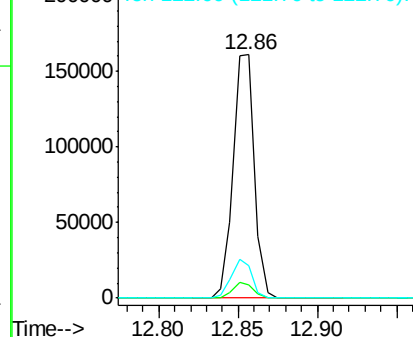
Lab File: BF096348.D

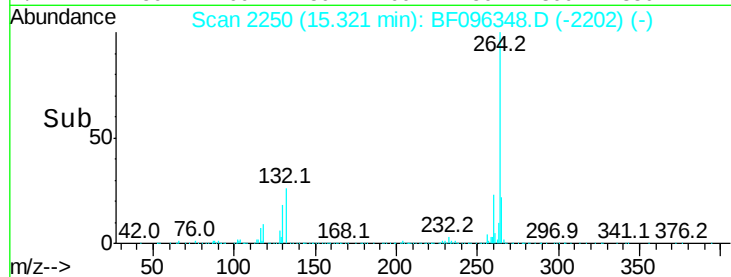
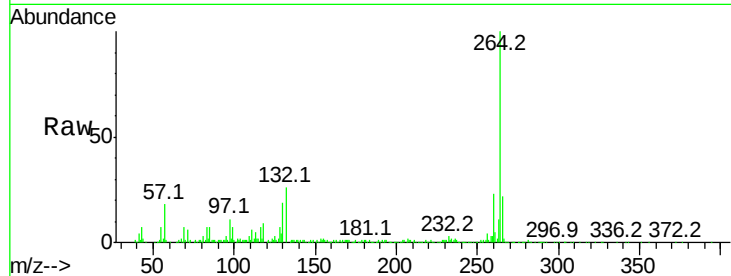
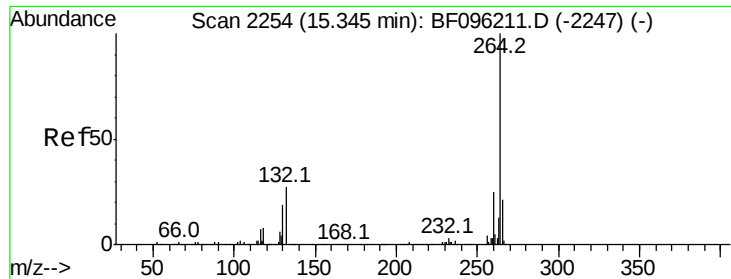
Acq: 30 Jun 2017 20:48

Tgt Ion:	244	Resp:	150107
Ion Ratio	Lower	Upper	
244	100		
212	5.4	6.0	9.0#
122	13.2	10.3	15.5



Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF096348.D
Acq: 30 Jun 2017 20:48

Instrument :
BNA_F
ClientSampleId :
BU-03-062717-C

Tot Ion	Ratio	Resp Lower	Upper
264	100		
260	22.7	19.5	29.3
265	22.1	17.2	25.8

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:13 AM

