

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096349.D
 Acq On : 30 Jun 2017 21:16
 Operator : SJ/MA
 Sample : I3908-03 5X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-57-0-1.5

Manual Integrations
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mohammad
 7/3/2017 11:37:16 AM

Quant Time: Jul 01 00:04:38 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	162058	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	642361	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	240074	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	325555	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	329753	20.00	ng	-0.01
86) Perylene-d12	15.32	264	252728	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	83506	7.42	ng	-0.02
7) Phenol-d6	6.38	99	131080	9.62	ng	-0.01
23) Nitrobenzene-d5	7.31	82	69127	7.45	ng	-0.05
41) 2,4,6-Tribromophenol	10.57	330	2989	1.58	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	128785	9.82	ng	-0.03
78) Terphenyl-d14	12.85	244	83830	6.34	ng	-0.02
Target Compounds						Qvalue
74) Fluoranthene	12.48	202	79340	4.39	ng	97
77) Pyrene	12.70	202	82034	3.03	ng	97
80) Benzo(a)anthracene	13.89	228	47684m	2.37	ng	
82) Chrysene	13.93	228	54155	2.60	ng	97
87) Benzo(b)fluoranthene	14.92	252	88998m	5.36	ng	
89) Benzo(a)pyrene	15.26	252	38044	2.59	ng	# 80

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

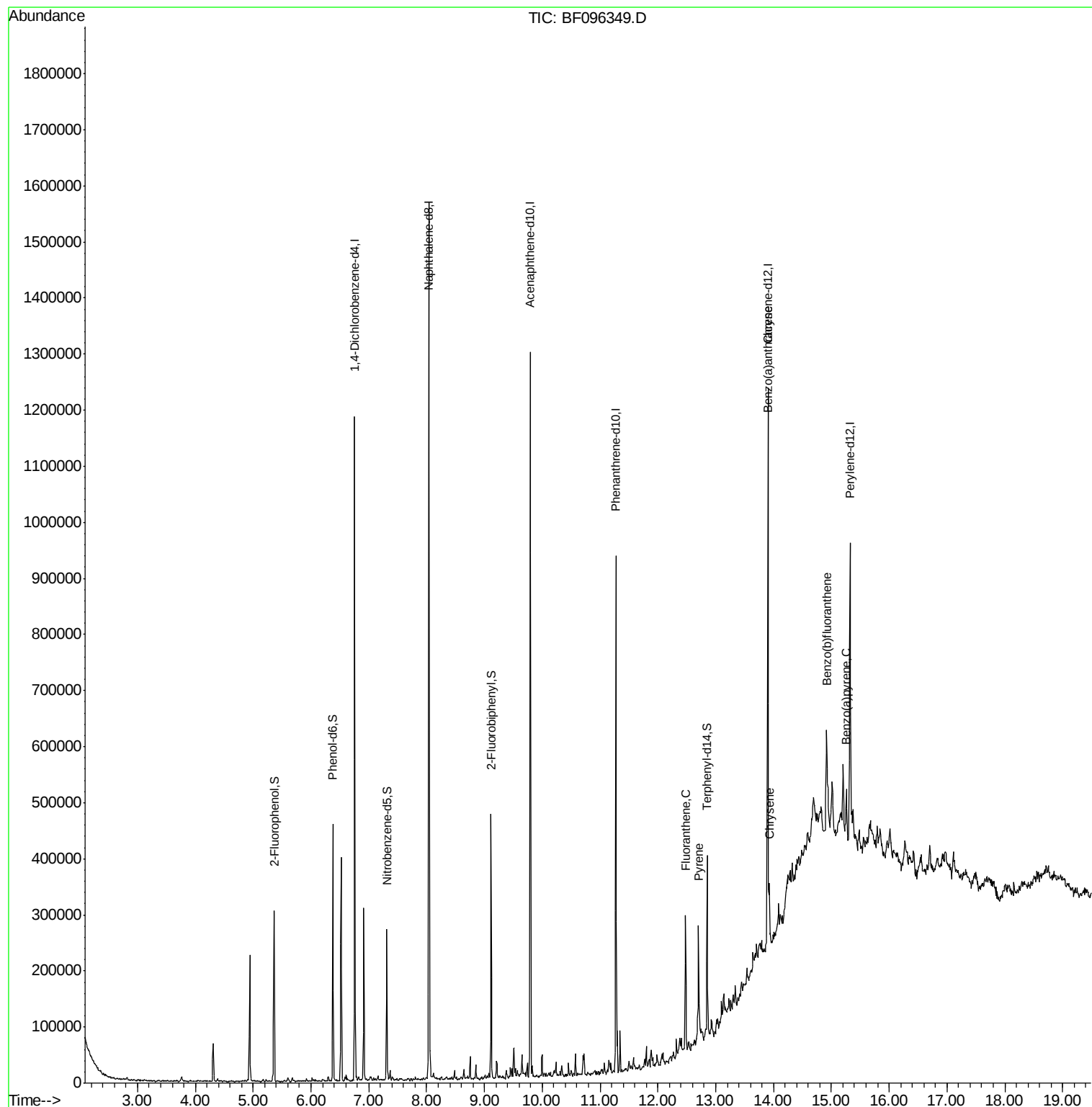
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
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Acq On : 30 Jun 2017 21:16
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Misc :
ALS Vial : 26 Sample Multiplier: 1

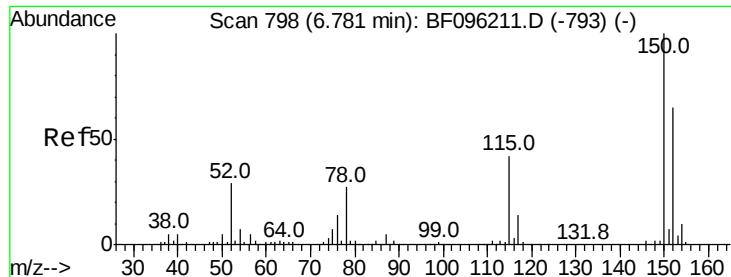
Instrument :
BNA_F
ClientSampleId :
G-57-0-1.5

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Quant Time: Jul 01 00:04:38 2017
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

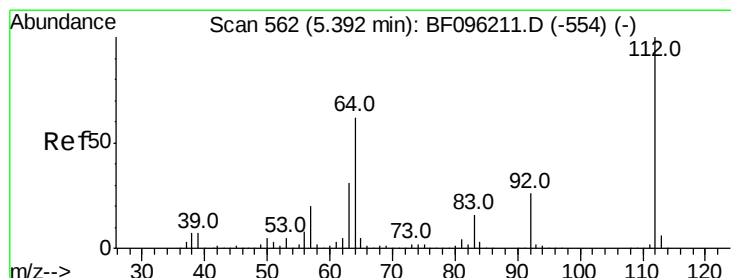
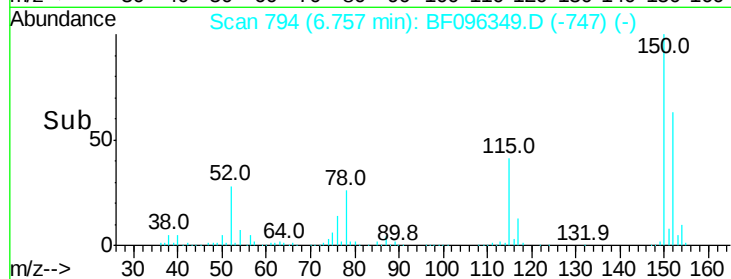
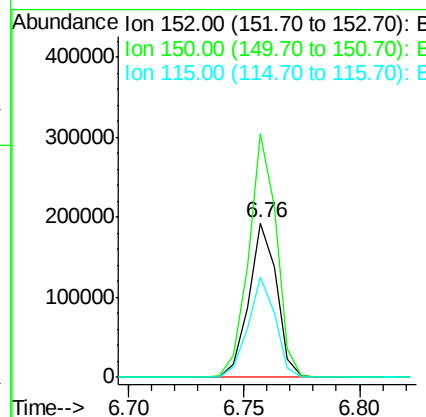
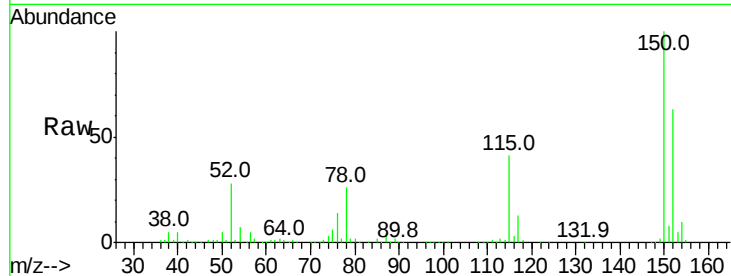
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Instrument :
BNA_F
ClientSampleId :
G-57-0-1.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	64.9	52.2	78.2

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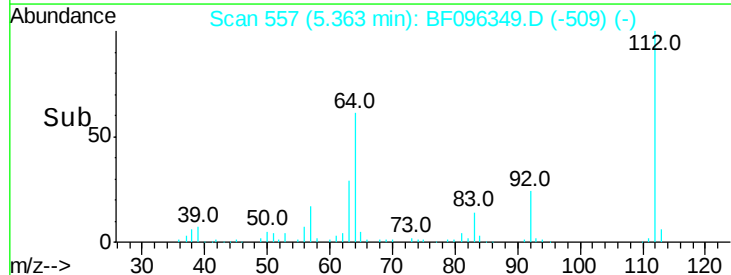
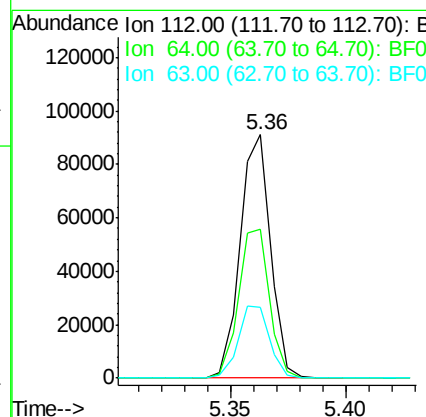
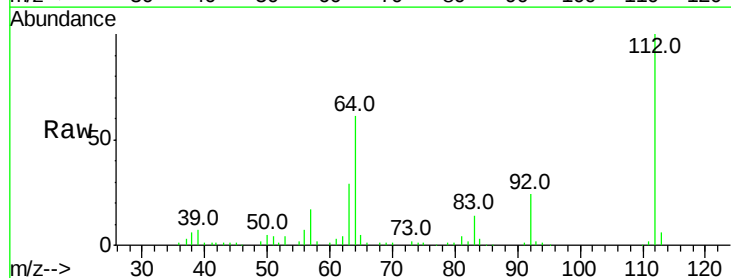
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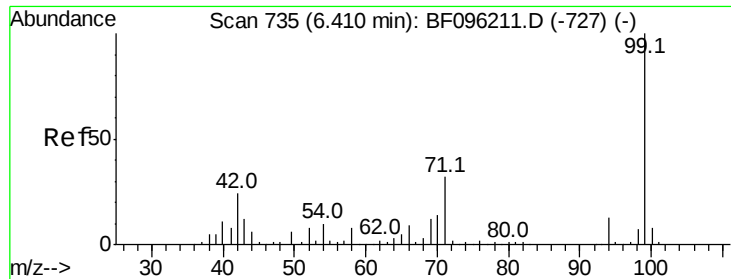


#5

2-Fluorophenol
Concen: 7.42 ng
RT: 5.36 min Scan# 557
Delta R.T. -0.02 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	46.0	69.0
63	28.9	23.4	35.0





#7

Phenol-d6

Concen: 9.62 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF096349.D

Acq: 30 Jun 2017 21:16

Instrument :

BNA_F

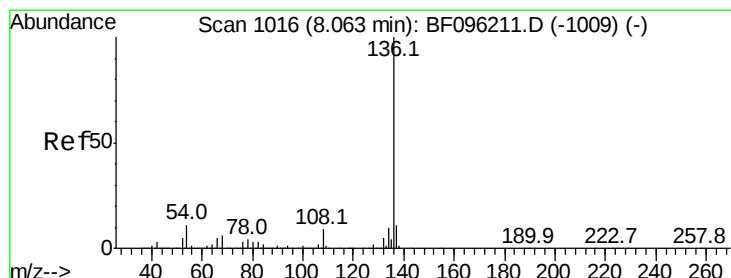
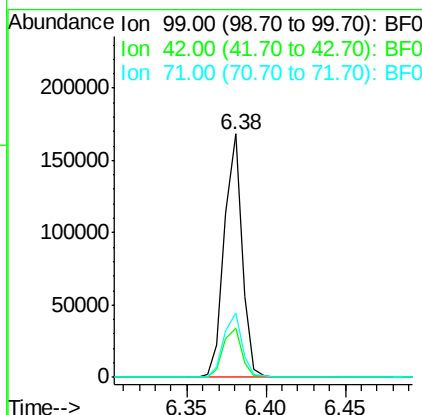
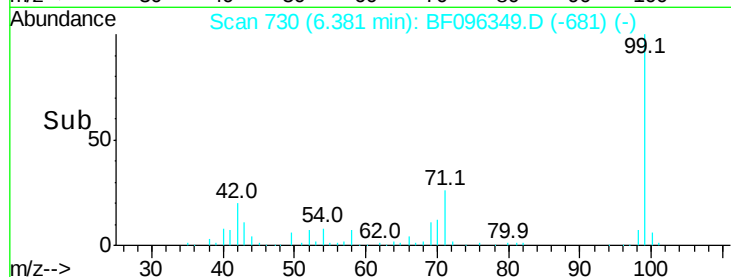
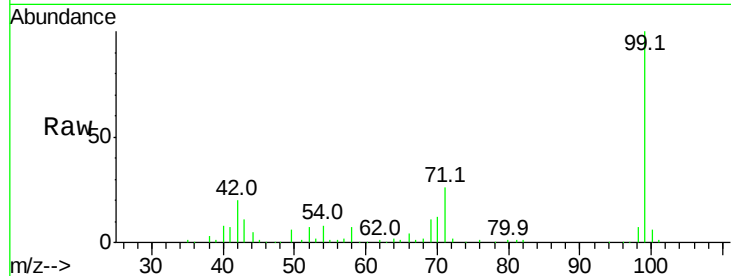
ClientSampleId :

G-57-0-1.5

Tot Ion:	99	Resp:	131080
Ion Ratio	Lower	Upper	
99	100		
42	20.3	13.5	20.3
71	26.4	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

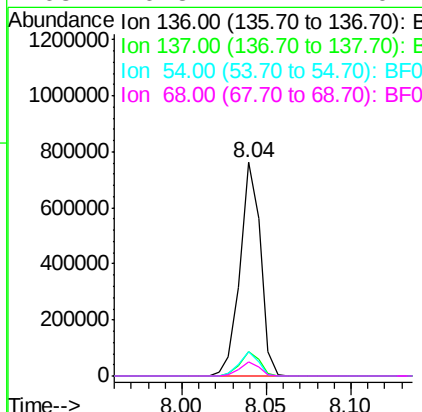
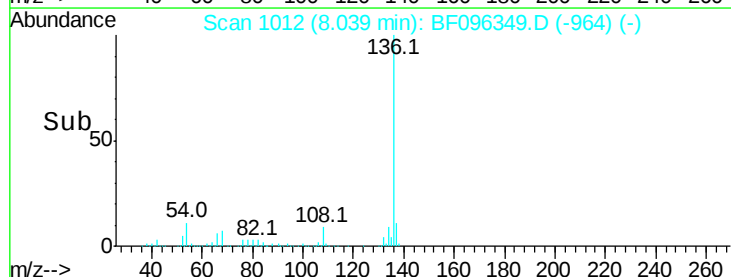
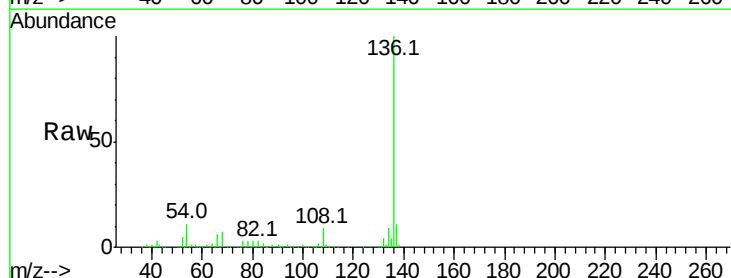
RT: 8.04 min Scan# 1012

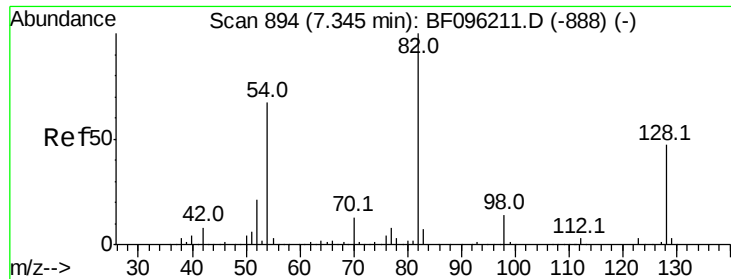
Delta R.T. -0.02 min

Lab File: BF096349.D

Acq: 30 Jun 2017 21:16

Tgt Ion:	136	Resp:	642361
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	11.3	4.9	7.3#
68	6.8	4.1	6.1#





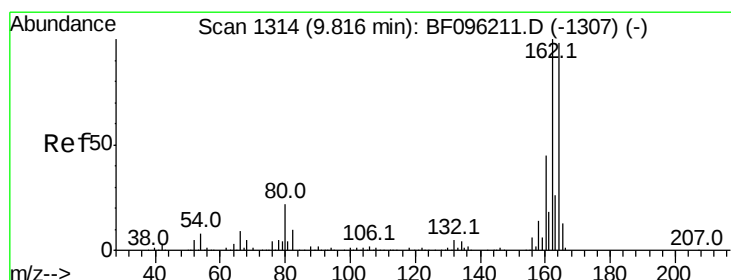
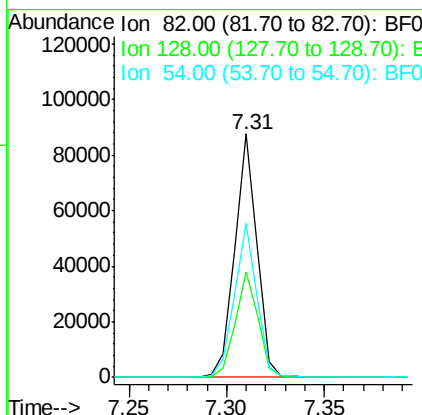
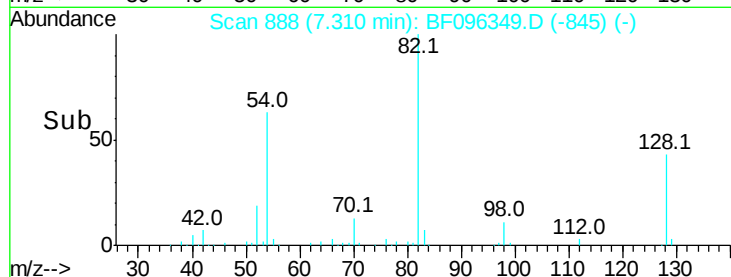
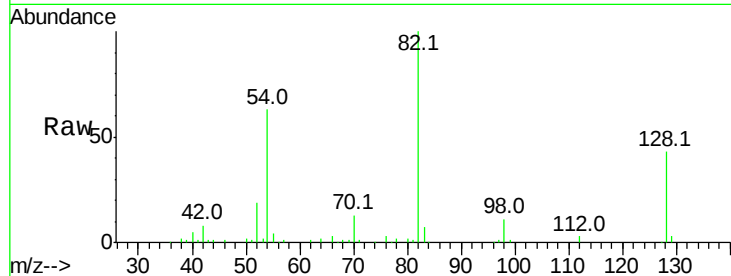
#23
Nitrobenzene-d5
Concen: 7.45 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.05 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Instrument :
BNA_F
ClientSampleId :
G-57-0-1.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.3	34.0	51.0
54	63.4	42.2	63.2

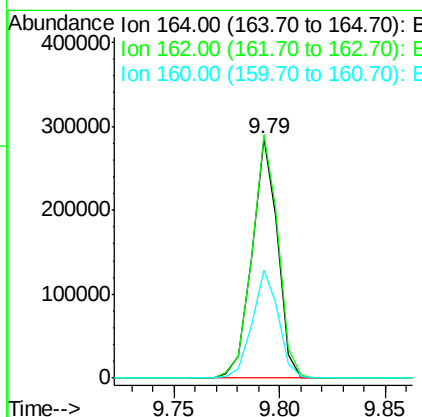
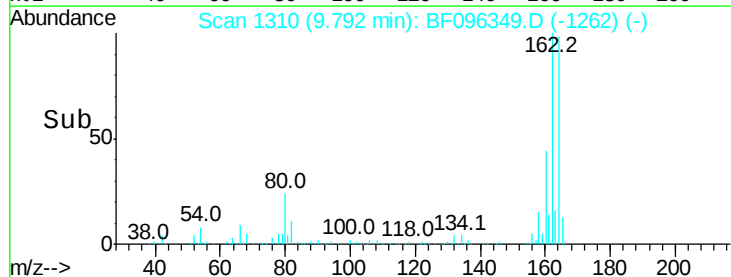
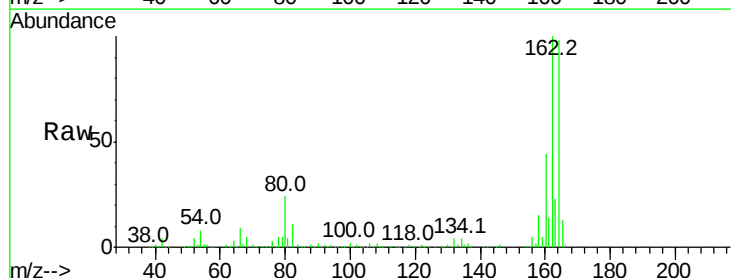
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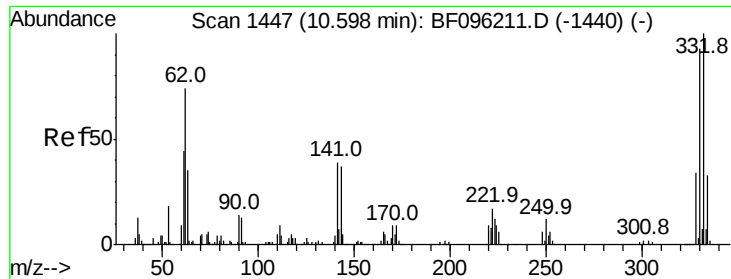
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.02 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	82.6	123.8
160	44.9	36.2	54.2





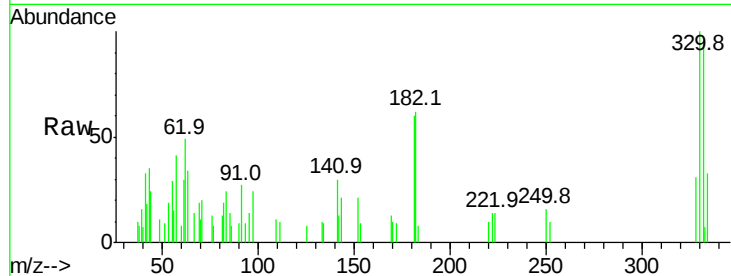
#41
 2,4,6-Tribromophenol
 Concen: 1.58 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.02 min
 Lab File: BF096349.D
 Acq: 30 Jun 2017 21:16

Instrument :
 BNA_F
 ClientSampled :
 G-57-0-1.5

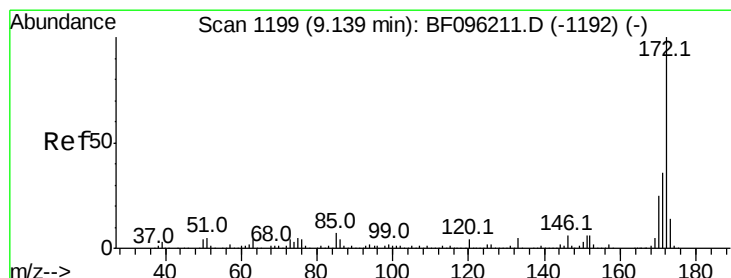
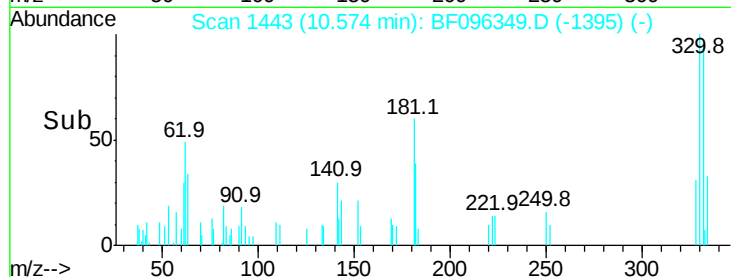
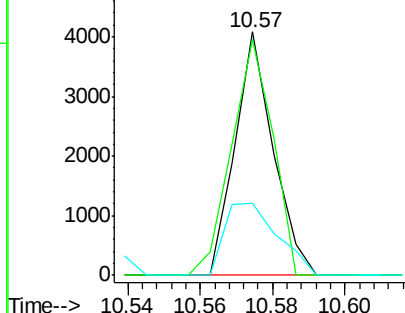
Tot Ion	Ratio	Lower	Upper
330	100		
332	104.2	76.6	115.0
141	41.8	31.4	47.2

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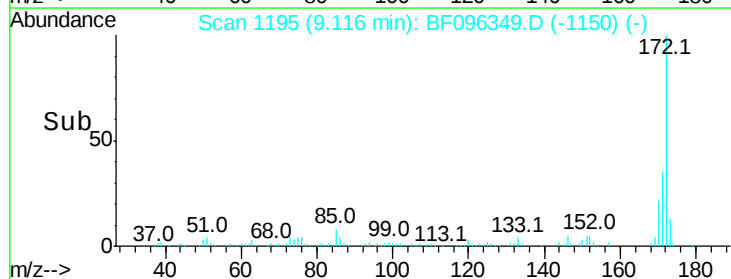
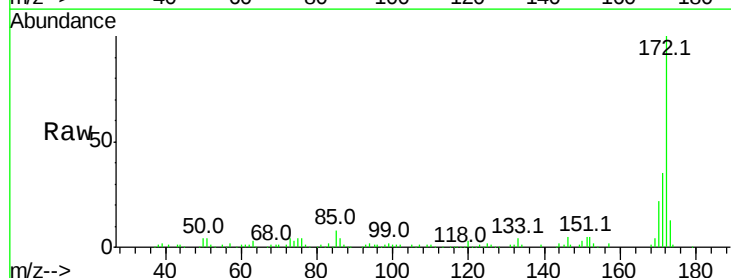
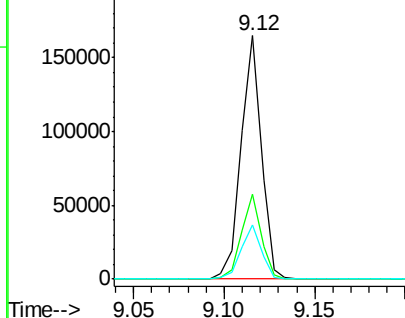
Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

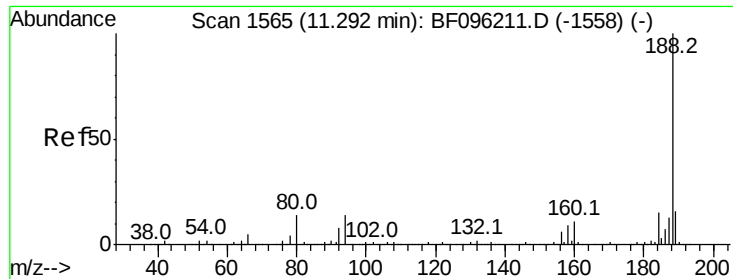


#44
 2-Fluorobiphenyl
 Concen: 9.82 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096349.D
 Acq: 30 Jun 2017 21:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.7	29.6	44.4
170	22.3	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





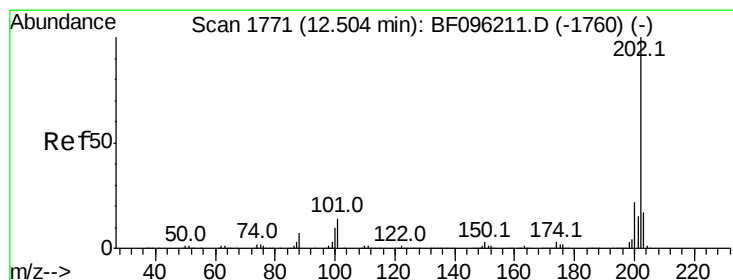
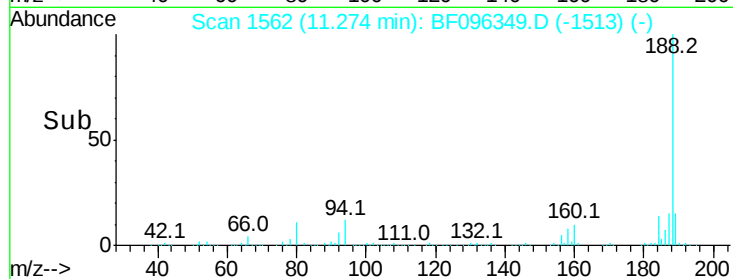
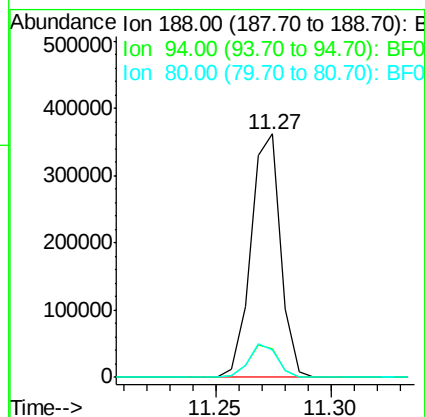
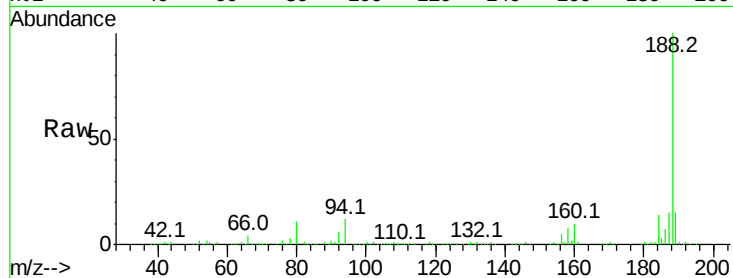
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.27 min Scan# 1562
Delta R.T. -0.01 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Instrument :
BNA_F
ClientSampleId :
G-57-0-1.5

Tot Ion:	188	Resp:	325555
Ion Ratio	Lower	Upper	
188	100		
94	11.5	9.4	14.2
80	11.0	10.2	15.2

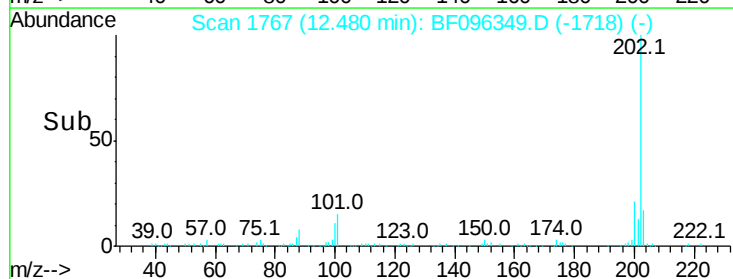
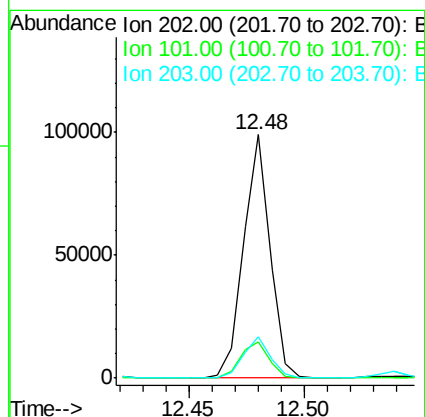
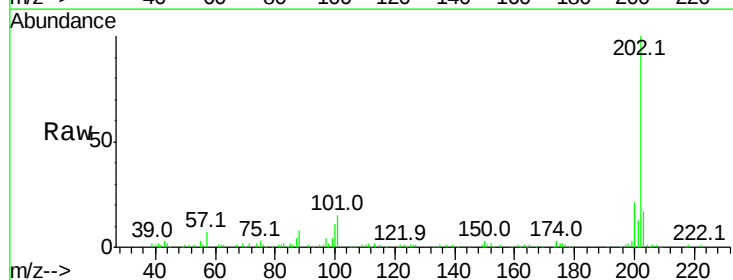
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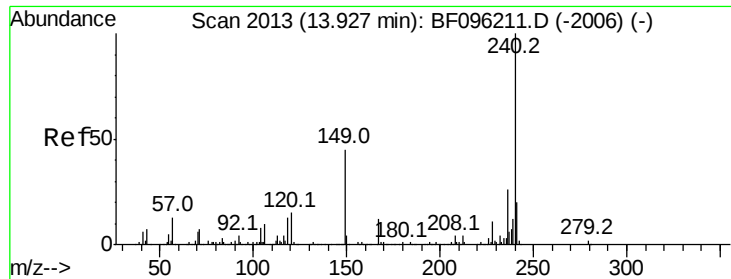
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#74
Fluoranthene
Concen: 4.39 ng
RT: 12.48 min Scan# 1767
Delta R.T. -0.01 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Tgt Ion:	202	Resp:	79340
Ion Ratio	Lower	Upper	
202	100		
101	14.8	0.0	33.2
203	17.0	0.0	38.1





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096349.D

Acq: 30 Jun 2017 21:16

Instrument :

BNA_F

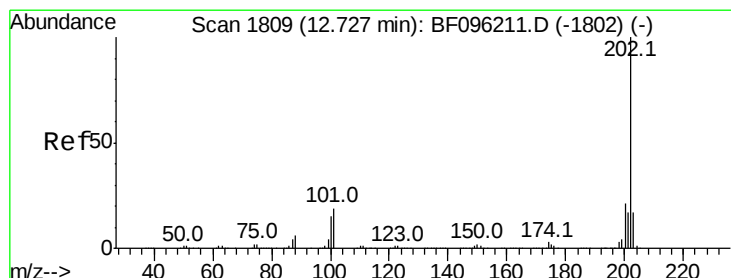
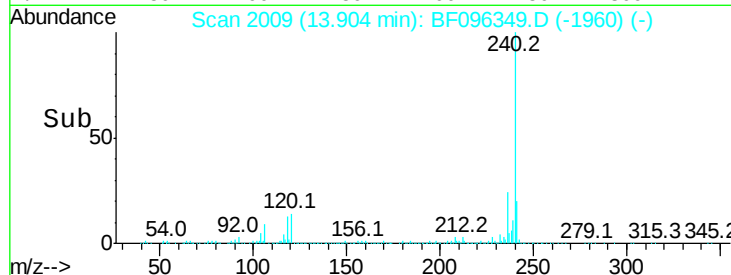
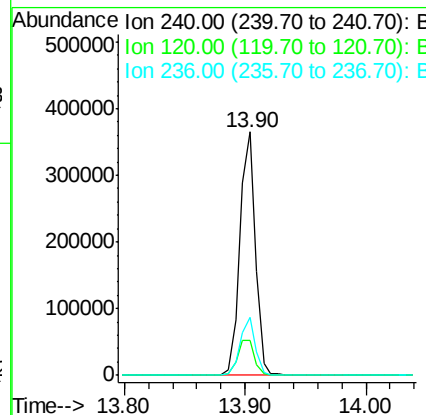
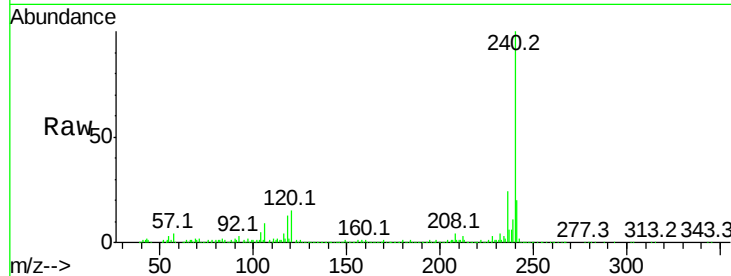
ClientSampled :

G-57-0-1.5

Tot Ion	Ratio	Lower	Upper
240	100		
120	14.6	5.8	8.8#
236	23.9	20.5	30.7

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#77

Pyrene

Concen: 3.03 ng

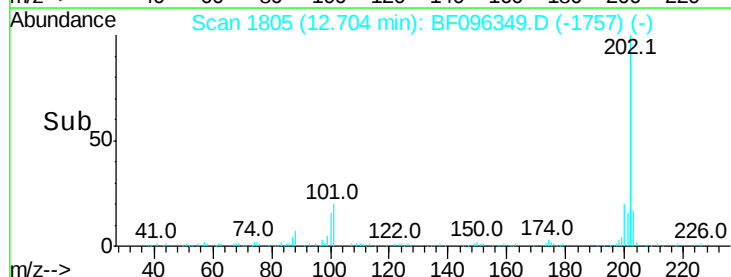
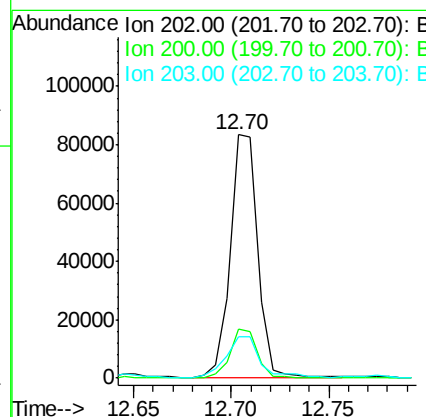
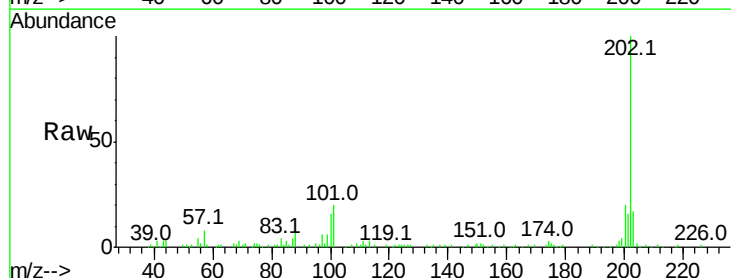
RT: 12.70 min Scan# 1805

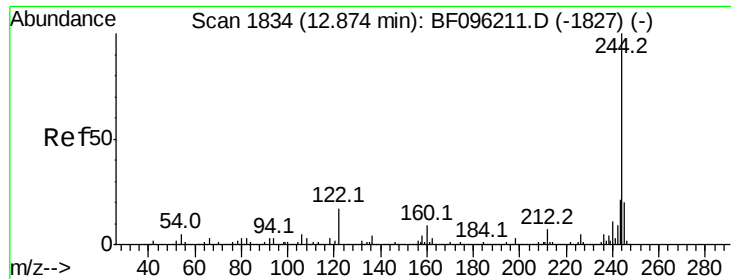
Delta R.T. -0.02 min

Lab File: BF096349.D

Acq: 30 Jun 2017 21:16

Tgt Ion	Ratio	Lower	Upper
202	100		
200	20.2	17.6	26.4
203	17.1	14.4	21.6





#78

Terphenyl-d14

Concen: 6.34 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.02 min

Lab File: BF096349.D

Acq: 30 Jun 2017 21:16

Instrument :

BNA_F

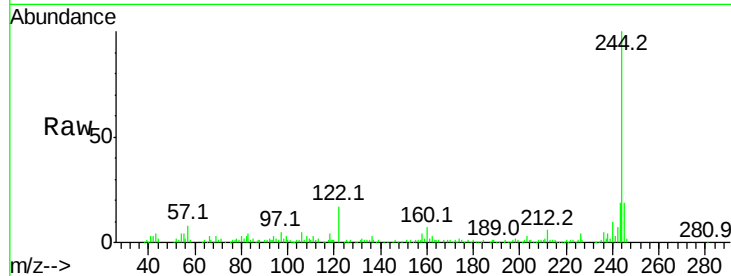
ClientSampled :

G-57-0-1.5

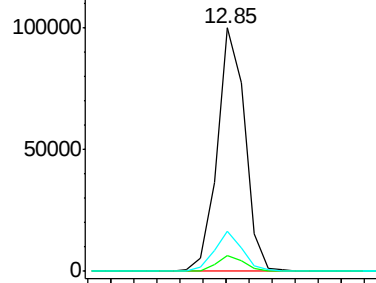
Tot Ion:	244	Resp:	83830
Ion Ratio	Lower	Upper	
244	100		
212	6.4	6.0	9.0
122	16.6	10.3	15.5#

Manual Integrations
APPROVED

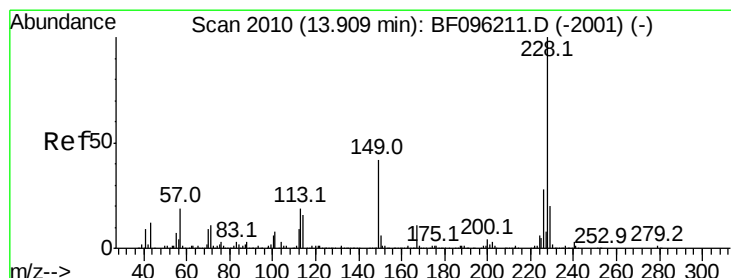
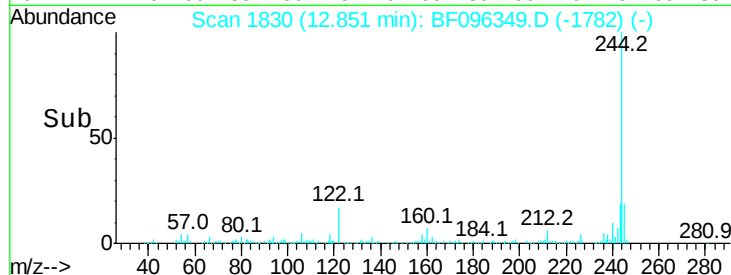
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Abundance Ion 244.00 (243.70 to 244.70): E
Ion 212.00 (211.70 to 212.70): E
Ion 122.00 (121.70 to 122.70): E



Time-->



#80

Benzo(a)anthracene

Concen: 2.37 ng m

RT: 13.89 min Scan# 2007

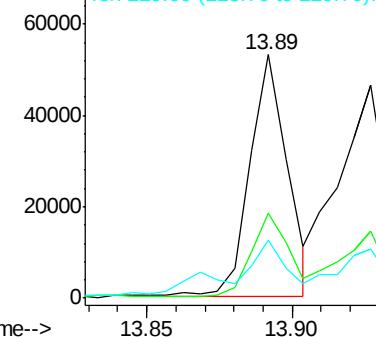
Delta R.T. -0.01 min

Lab File: BF096349.D

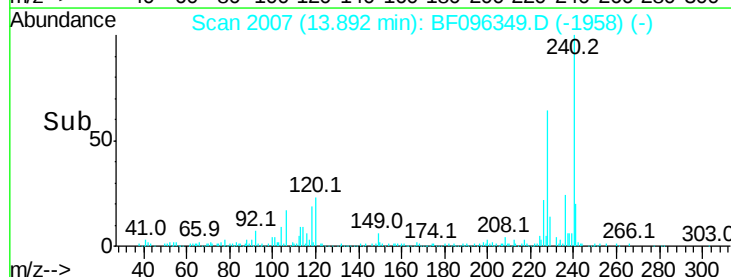
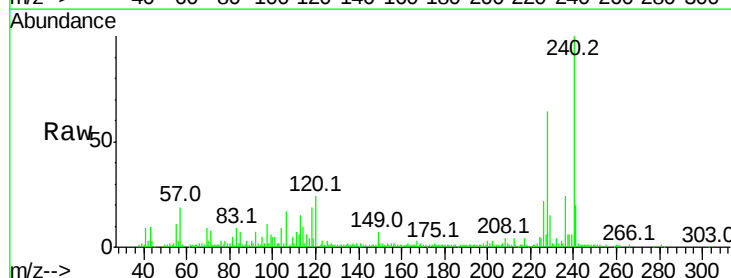
Acq: 30 Jun 2017 21:16

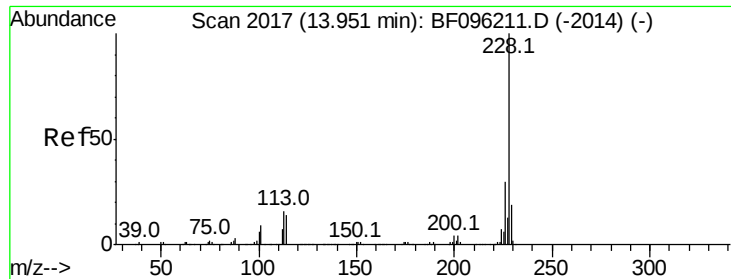
Tgt Ion:	228	Resp:	47684
Ion Ratio	Lower	Upper	
228	100		
226	34.7	22.6	33.8#
229	23.7	16.3	24.5

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



Time-->





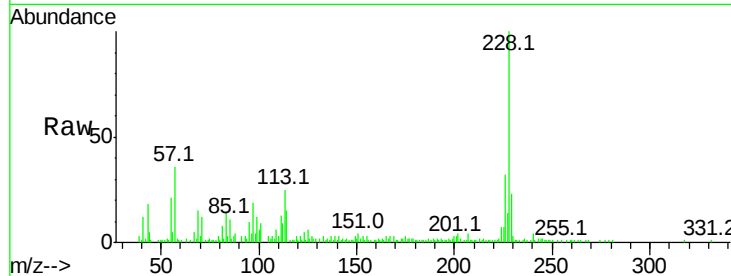
#82
Chrysene
Concen: 2.60 ng
RT: 13.93 min Scan# 2013
Delta R.T. -0.01 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Instrument :
BNA_F
ClientSampleId :
G-57-0-1.5

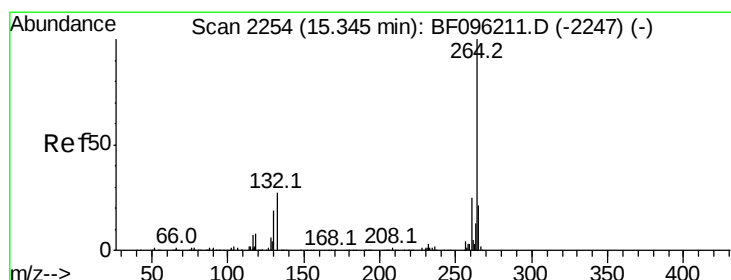
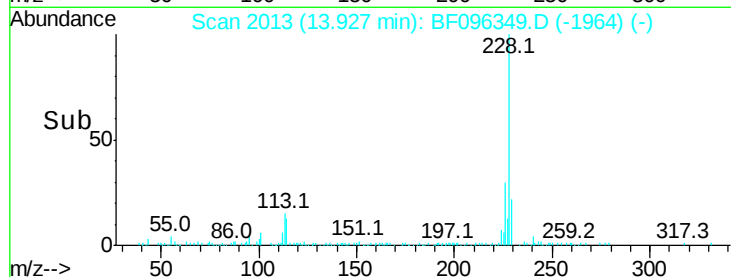
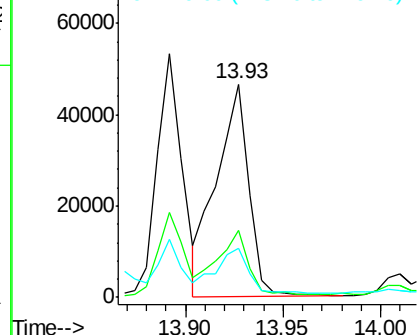
Tot Ion:	228	Resp:	54155
Ion Ratio	Lower	Upper	
228	100		
226	31.6	24.9	37.3
229	23.2	15.8	23.6

Manual Integrations
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mohammad
7/3/2017 11:37:16 AM

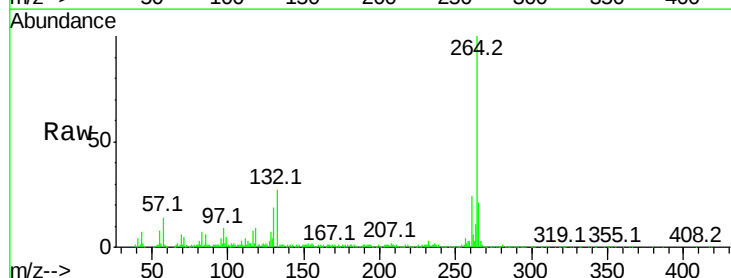


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

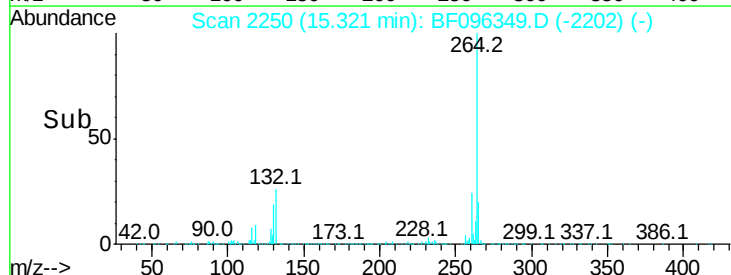
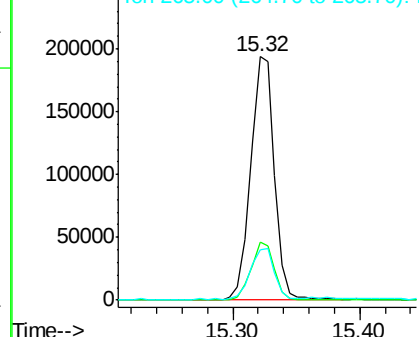


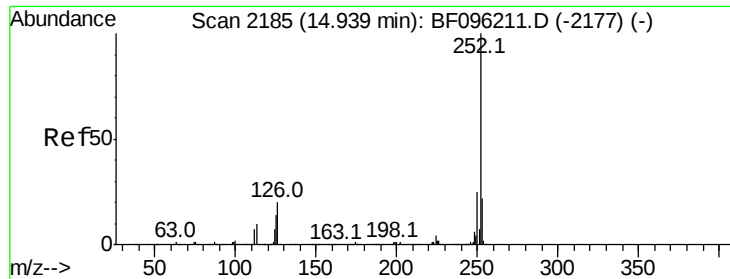
#86
Perylene-d12
Concen: 20.00 ng
RT: 15.32 min Scan# 2250
Delta R.T. -0.02 min
Lab File: BF096349.D
Acq: 30 Jun 2017 21:16

Tgt Ion:	264	Resp:	252728
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.5	29.3
265	20.5	17.2	25.8



Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 5.36 ng

RT: 14.92 min Scan# 2181

Delta R.T. -0.04 min

Lab File: BF096349.D

Acq: 30 Jun 2017 21:16

Instrument :

BNA_F

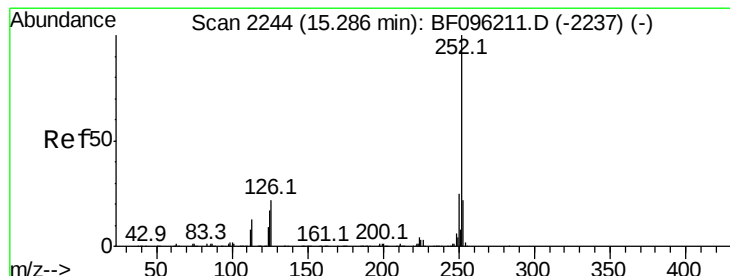
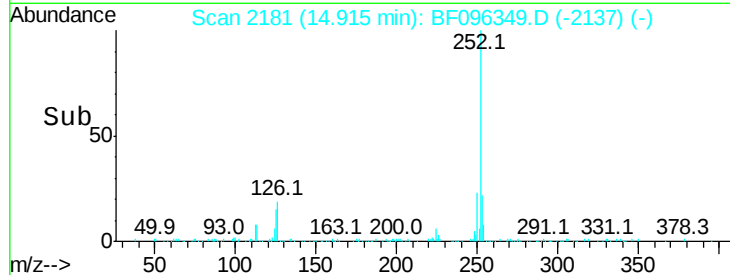
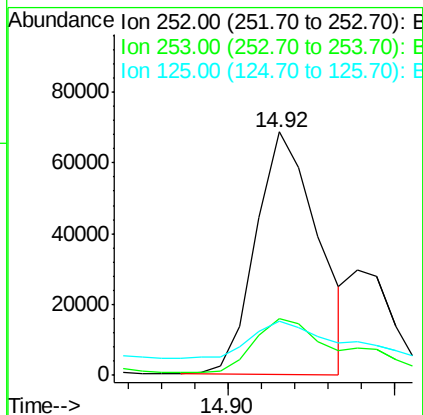
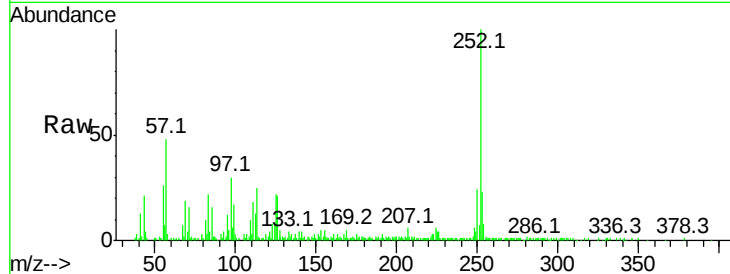
ClientSampleId :

G-57-0-1.5

Tot Ion:	252	Resp:	88998
Ion Ratio	Lower	Upper	
252	100		
253	23.4	18.1	27.1
125	22.4	9.8	14.8#

Manual Integrations
APPROVED

mohammad
7/3/2017 11:37:16 AM



#89

Benzo(a)pyrene

Concen: 2.59 ng

RT: 15.26 min Scan# 2240

Delta R.T. -0.01 min

Lab File: BF096349.D

Acq: 30 Jun 2017 21:16

Tgt Ion:	252	Resp:	38044
Ion Ratio	Lower	Upper	
252	100		
253	24.2	17.5	26.3
125	31.1	11.0	16.4#

