

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096311.D
 Acq On : 30 Jun 2017 00:15
 Operator : SJ/MA
 Sample : I3882-10 5X
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G47-1.5-3

Manual Integrations
 APPROVED

mohammad
 6/30/2017 2:52:17 PM

Quant Time: Jun 30 03:52:30 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	169535	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	643480	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	224514	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	341439	20.00	ng	0.00
75) Chrysene-d12	13.92	240	329128	20.00	ng	0.00
86) Perylene-d12	15.34	264	225458	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	248232	21.09	ng	0.00
7) Phenol-d6	6.39	99	298168	20.93	ng	0.00
23) Nitrobenzene-d5	7.32	82	151600	16.31	ng	-0.04
41) 2,4,6-Tribromophenol	10.59	330	41608	23.55	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	260345	21.24	ng	-0.02
78) Terphenyl-d14	12.87	244	189234	14.35	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.52	163	33931	2.11	ng	Qvalue # 97
74) Fluoranthene	12.49	202	118496	6.25	ng	96
77) Pyrene	12.72	202	115560	4.27	ng	99
80) Benzo(a)anthracene	13.91	228	49018	2.44	ng	98
82) Chrysene	13.94	228	55111	2.66	ng	94
87) Benzo(b)fluoranthene	14.93	252	57045m	3.85	ng	
89) Benzo(a)pyrene	15.28	252	28439	2.17	ng	# 71

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

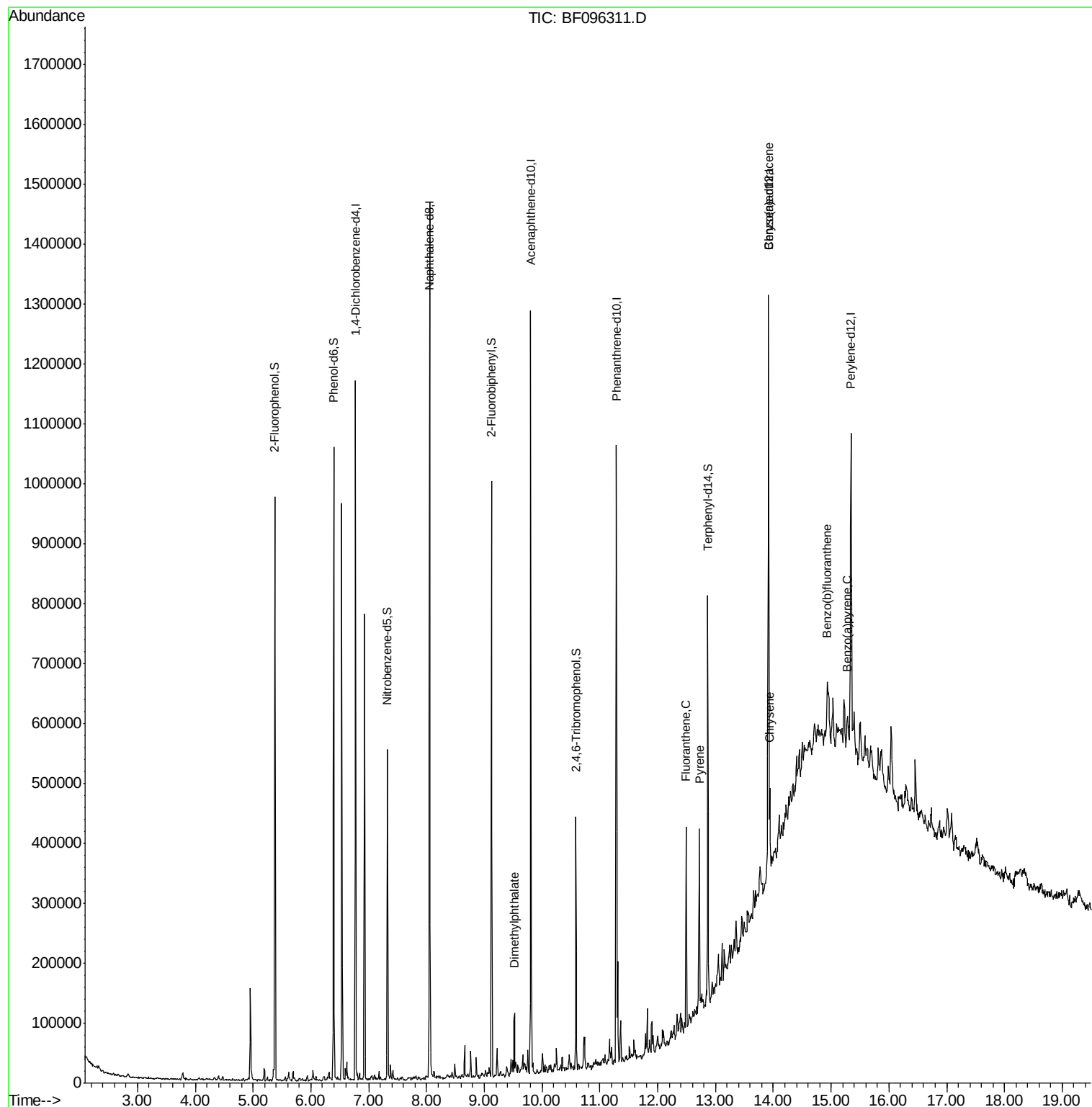
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
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ALS Vial : 17 Sample Multiplier: 1

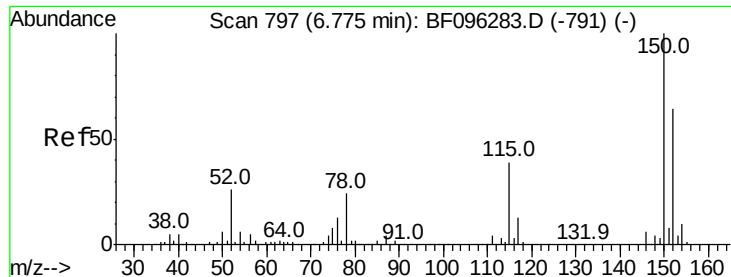
Instrument :
BNA_F
ClientSampleId :
G47-1.5-3

Manual Integrations
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6/30/2017 2:52:17 PM

Quant Time: Jun 30 03:52:30 2017
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Response via : Initial Calibration





#1

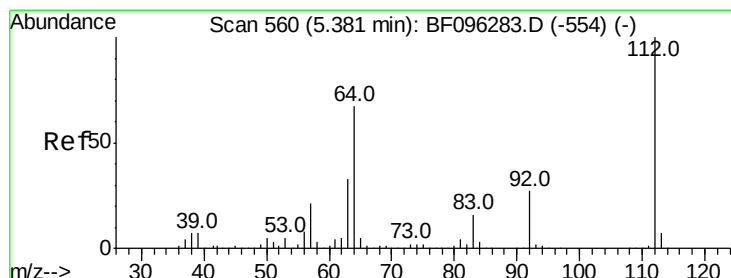
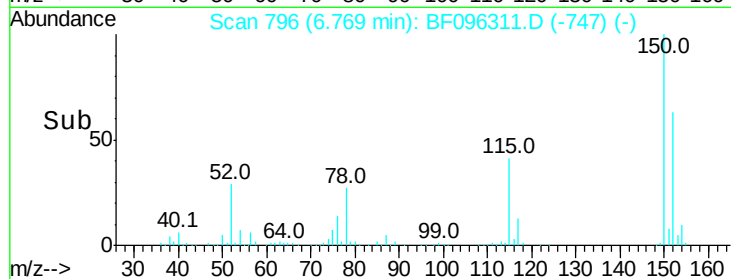
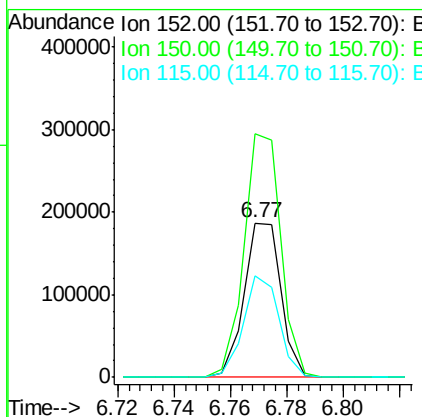
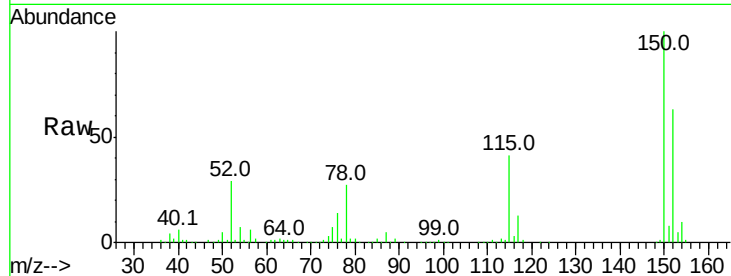
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Instrument :
BNA_F
ClientSampleId :
G47-1.5-3

Tot Ion	Ratio	Lower	Upper
152	100		
150	157.8	126.2	189.2
115	65.5	52.2	78.2

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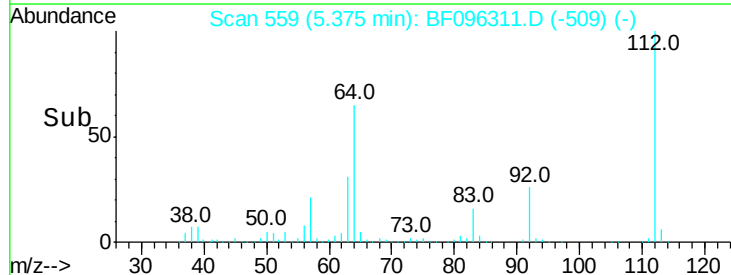
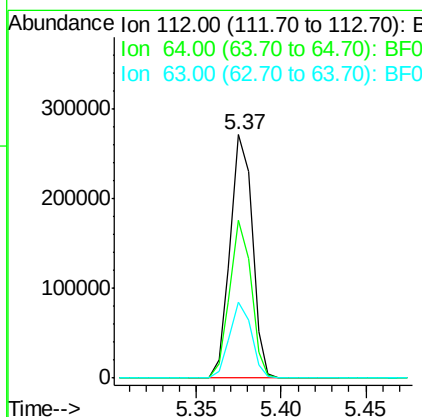
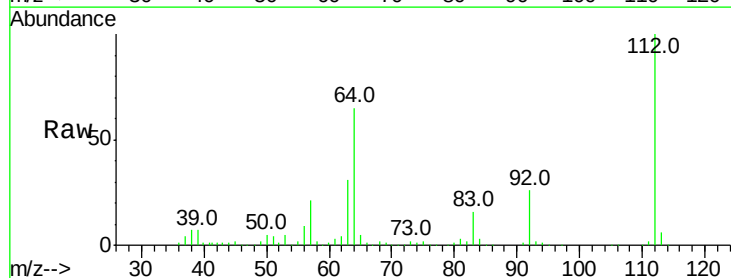
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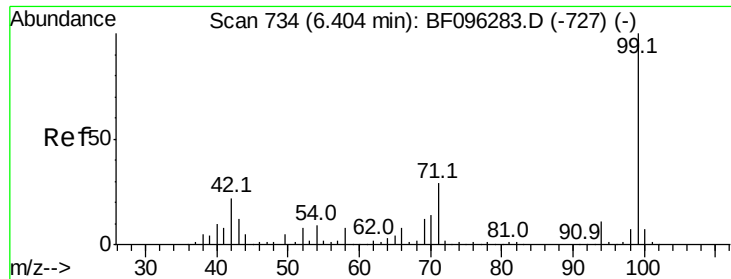


#5

2-Fluorophenol
Concen: 21.09 ng
RT: 5.37 min Scan# 559
Delta R.T. -0.01 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	46.0	69.0
63	31.4	23.4	35.0





#7

Phenol-d6

Concen: 20.93 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Instrument :

BNA_F

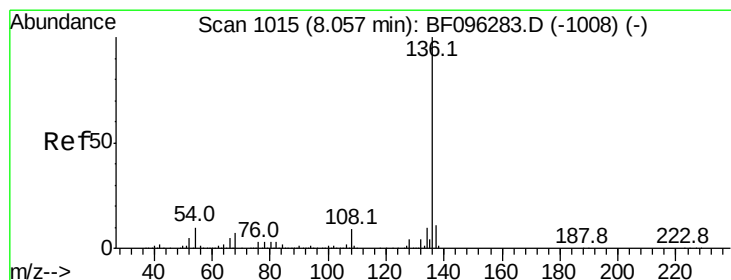
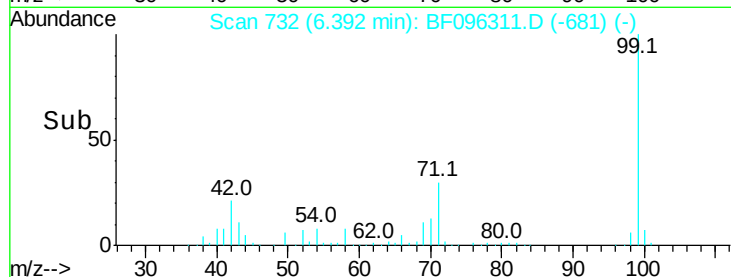
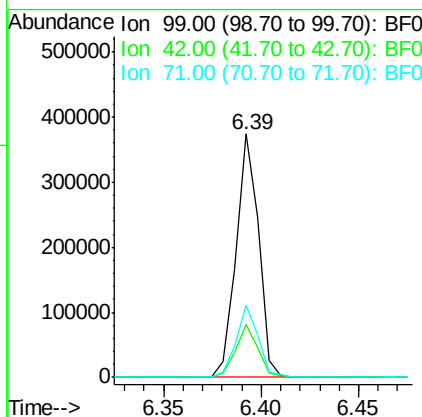
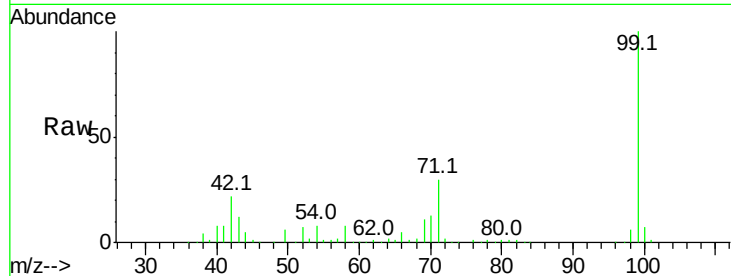
ClientSampleId :

G47-1.5-3

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		298168		
42	21.5	13.5	20.3#		
71	29.6	24.5	36.7		

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#21

Naphthalene-d8

Concen: 20.00 ng

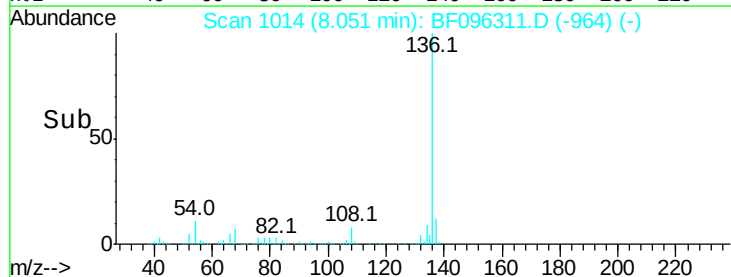
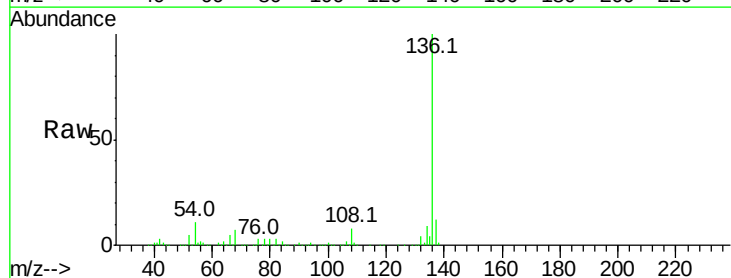
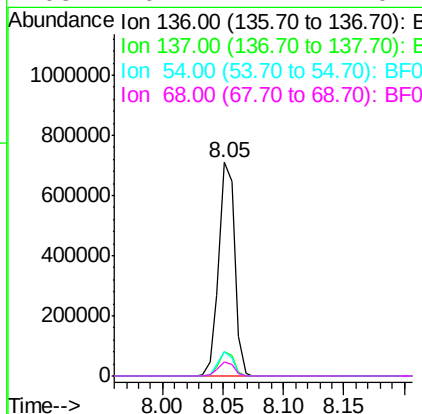
RT: 8.05 min Scan# 1014

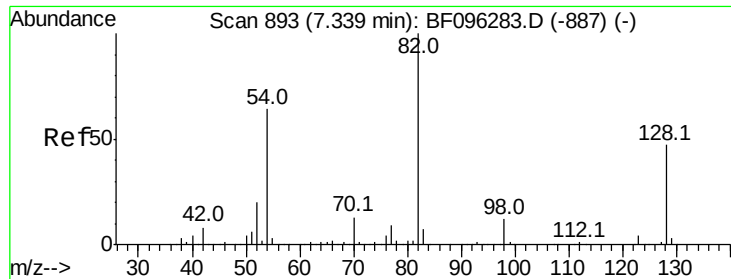
Delta R.T. -0.01 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		643480		
137	11.7	8.5	12.7		
54	11.4	4.9	7.3#		
68	6.7	4.1	6.1#		





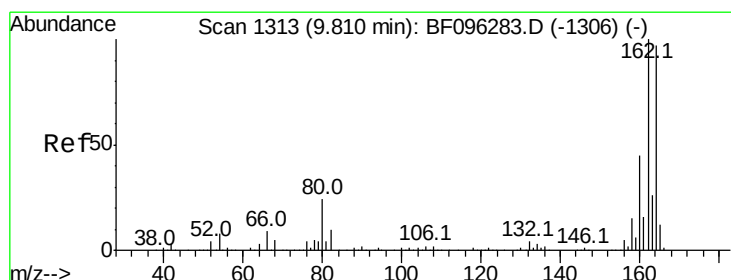
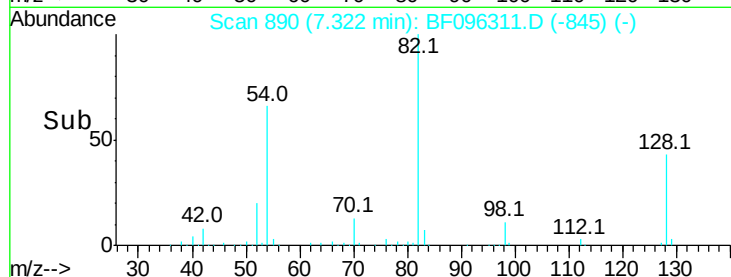
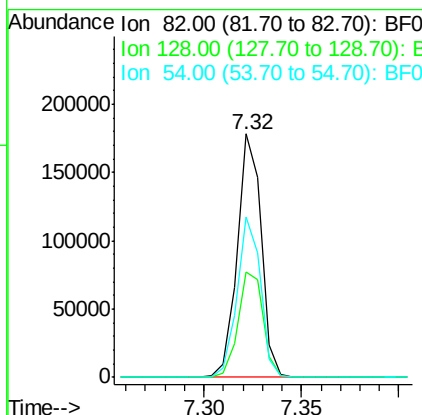
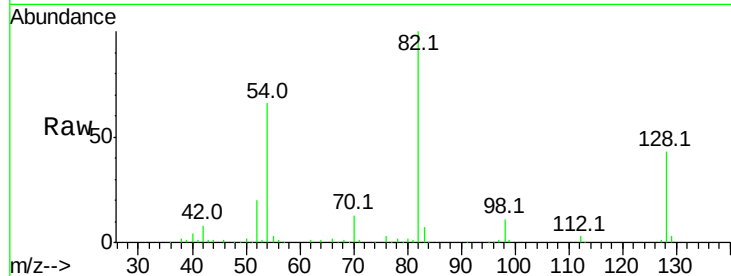
#23
Nitrobenzene-d5
Concen: 16.31 ng
RT: 7.32 min Scan# 890
Delta R.T. -0.04 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Instrument :
BNA_F
ClientSampleId :
G47-1.5-3

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	34.0	51.0
54	65.8	42.2	63.2

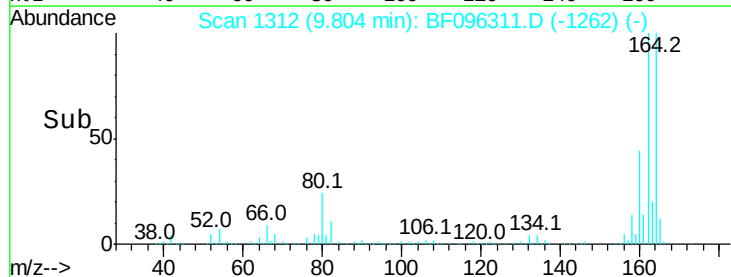
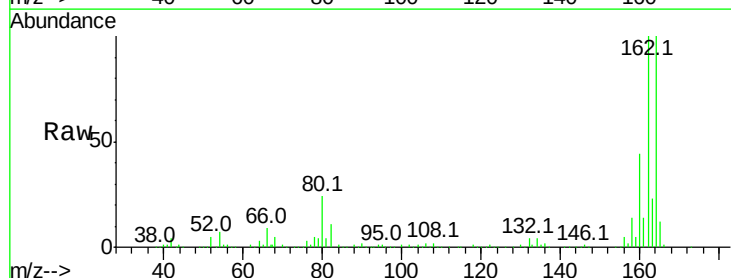
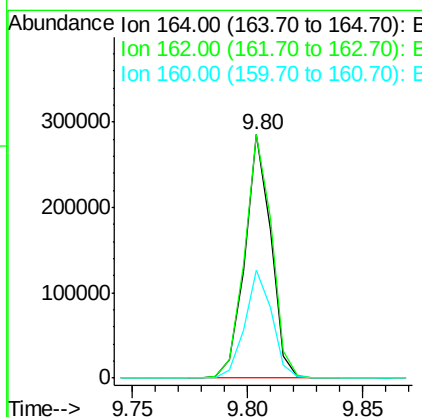
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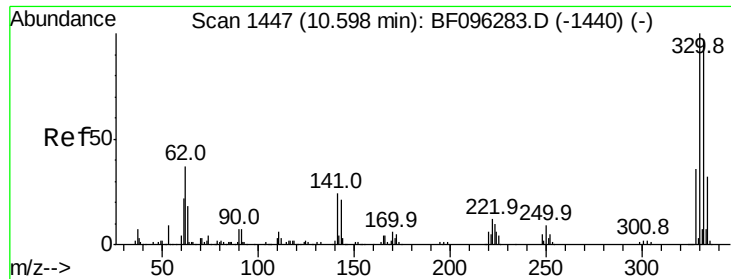
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.0	82.6	123.8
160	44.2	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 23.55 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Instrument :

BNA_F

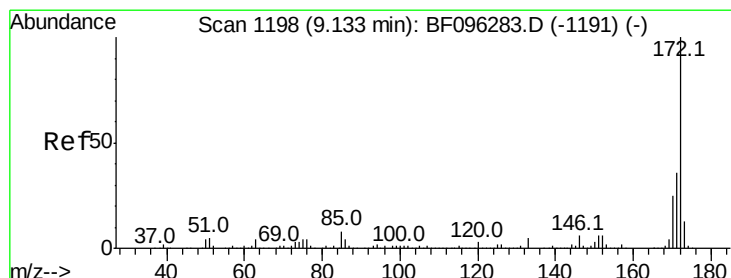
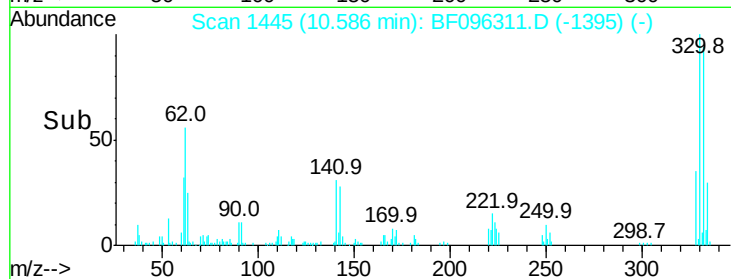
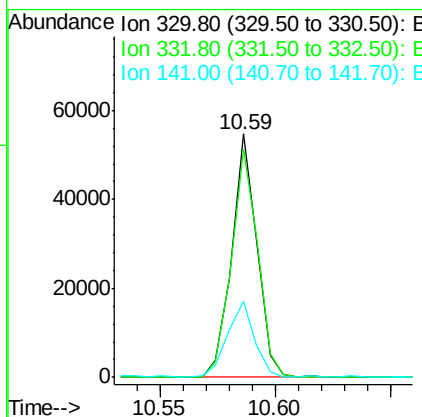
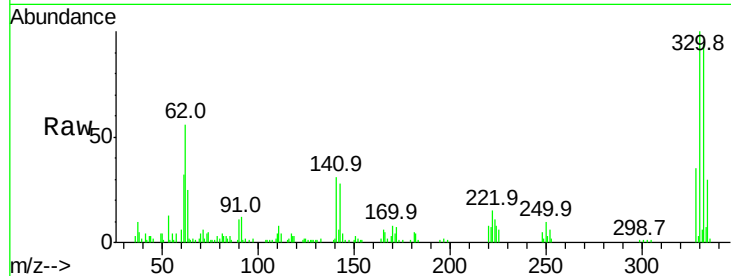
ClientSampleId :

G47-1.5-3

Tot Ion:	330	Resp:	41608
Ion Ratio	Lower	Upper	
330	100		
332	97.7	76.6	115.0
141	33.4	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 21.24 ng

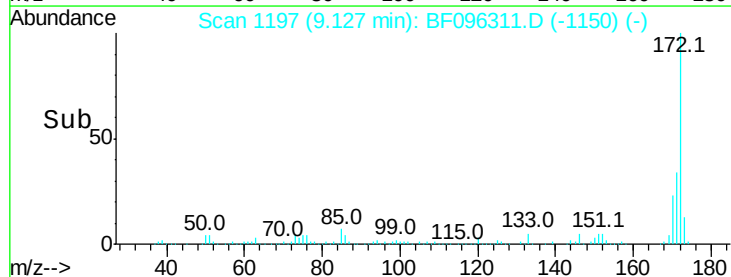
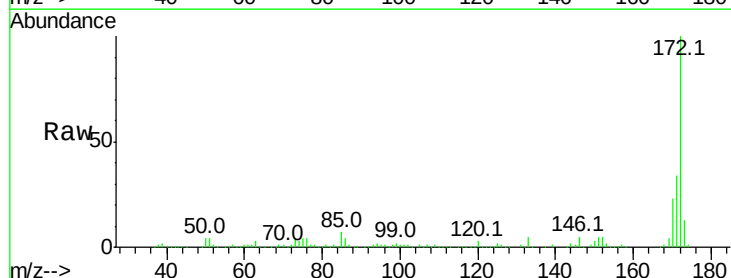
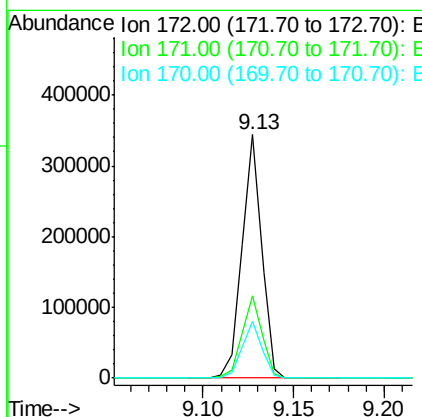
RT: 9.13 min Scan# 1197

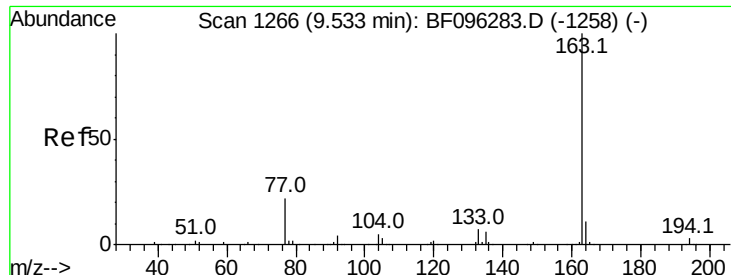
Delta R.T. -0.02 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Tgt Ion:	172	Resp:	260345
Ion Ratio	Lower	Upper	
172	100		
171	33.8	29.6	44.4
170	23.4	19.8	29.8





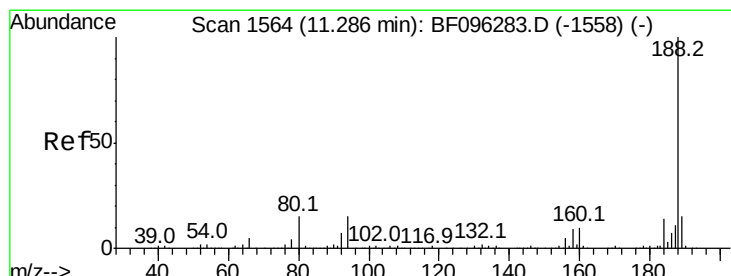
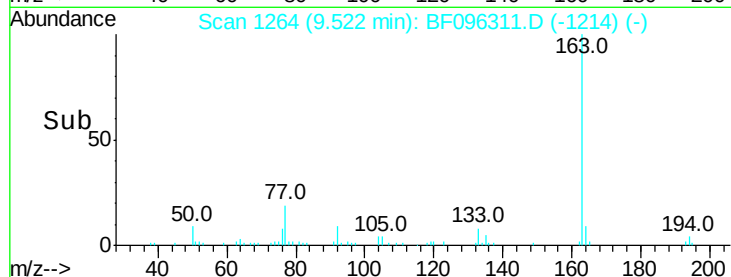
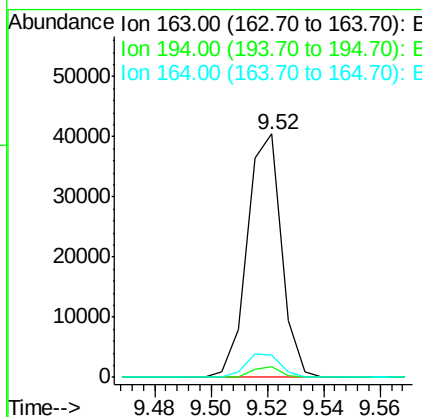
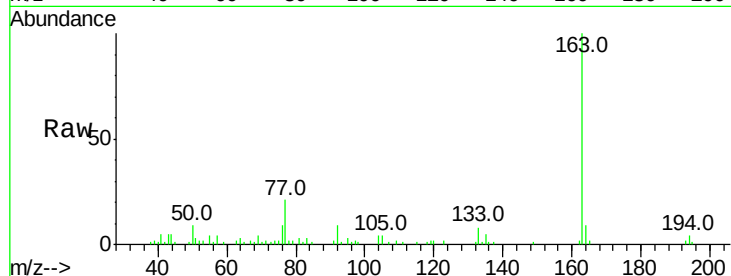
#49
Dimethylphthalate
Concen: 2.11 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Instrument :
BNA_F
ClientSampleId :
G47-1.5-3

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.1	2.6	4.0	
164	9.2	8.4	12.6	

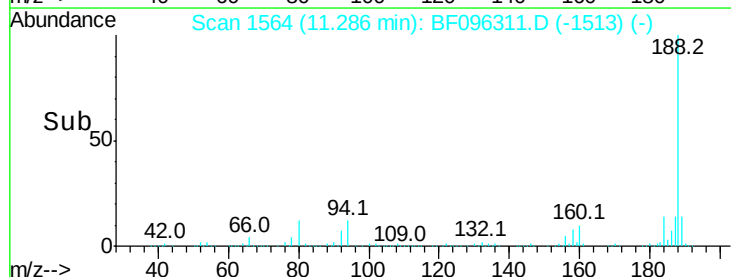
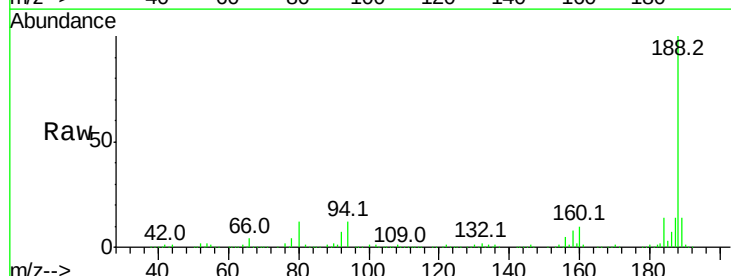
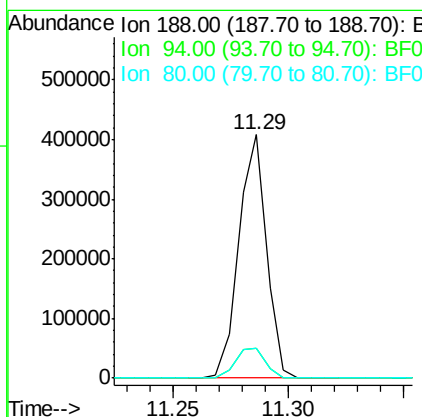
Manual Integrations
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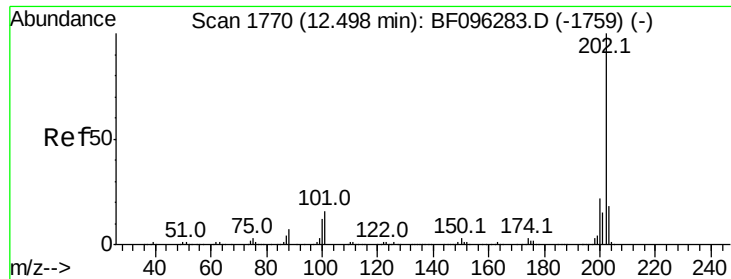
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.5	9.4	14.2	
80	12.5	10.2	15.2	





#74

Fluoranthene

Concen: 6.25 ng

RT: 12.49 min Scan# 1769

Delta R.T. -0.00 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Instrument :

BNA_F

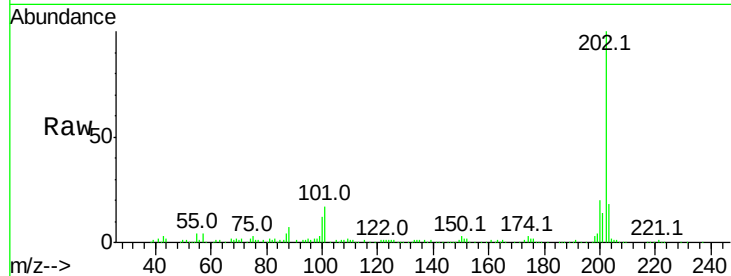
ClientSampleId :

G47-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	16.7	0.0	33.2
203	18.2	0.0	38.1

Manual Integrations
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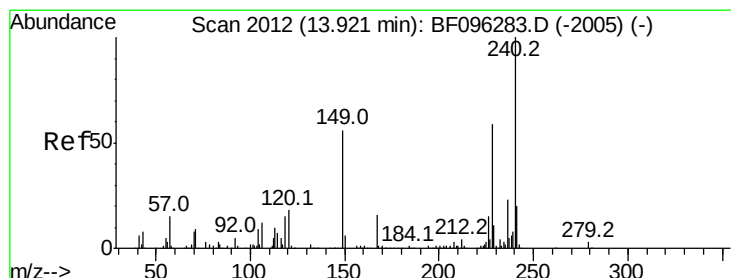
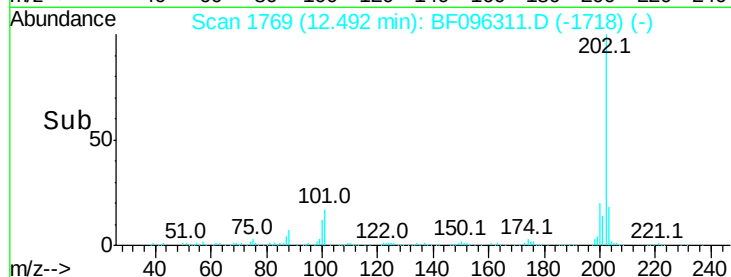
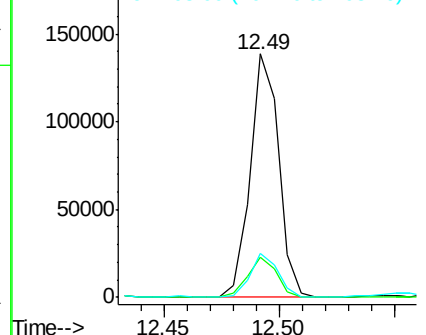
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096311.D

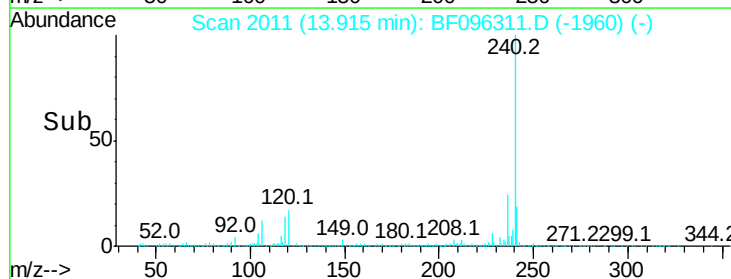
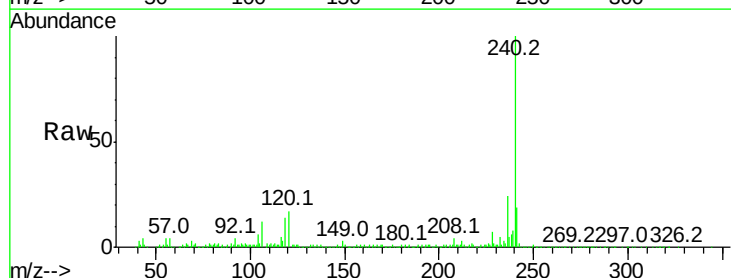
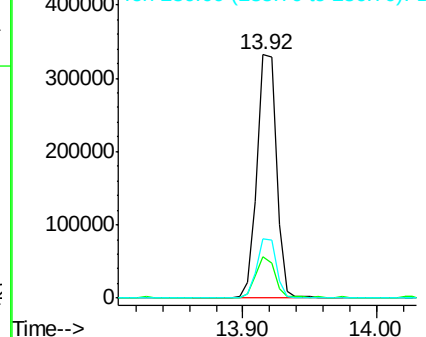
Acq: 30 Jun 2017 00:15

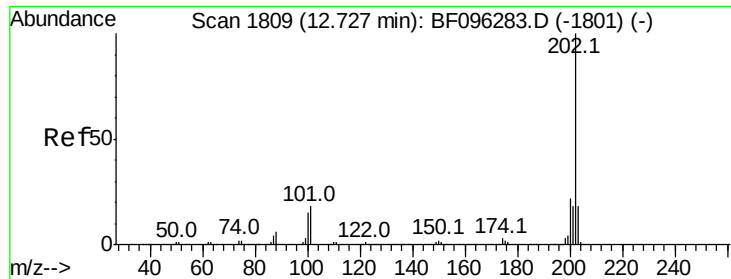
Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	17.2	5.8	8.8#
236	24.2	20.5	30.7

Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Pvrene

Concen: 4.27 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Instrument :

BNA_F

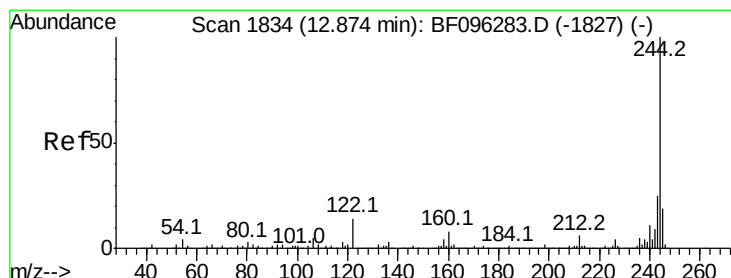
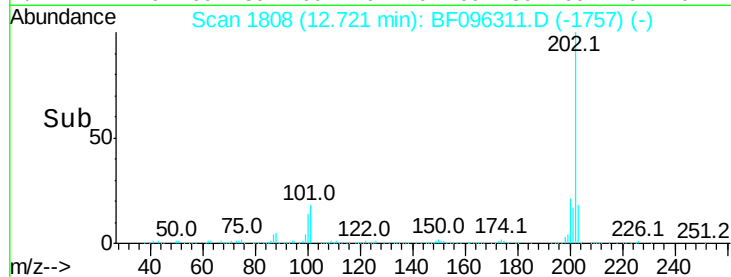
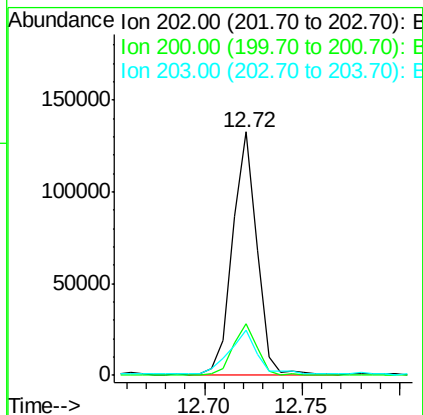
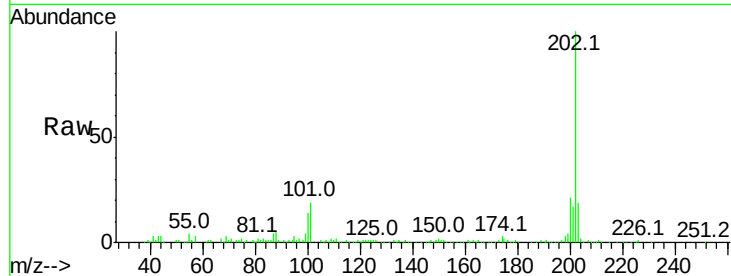
ClientSampleId :

G47-1.5-3

Tot Ion:	202	Resp:	115560
Ion Ratio		Lower	Upper
202	100		
200	21.4	17.6	26.4
203	18.7	14.4	21.6

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#78

Terphenyl-d14

Concen: 14.35 ng

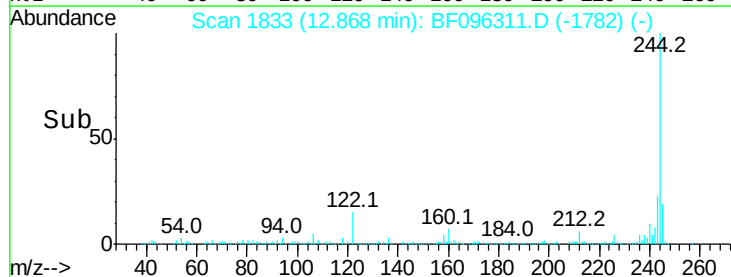
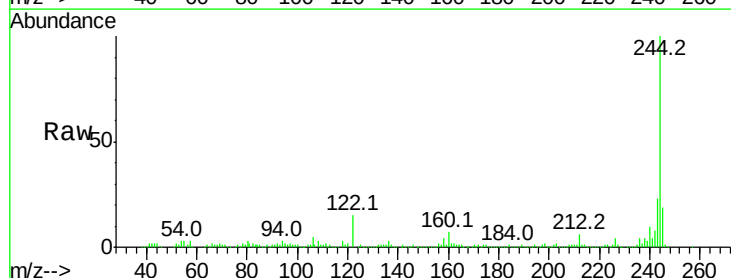
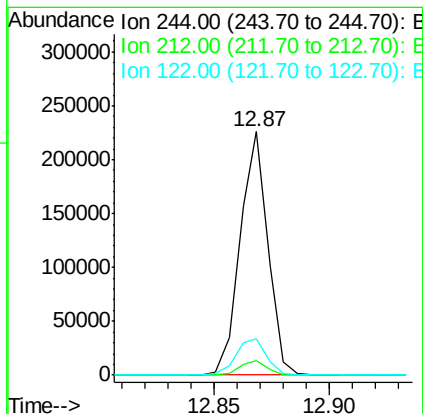
RT: 12.87 min Scan# 1833

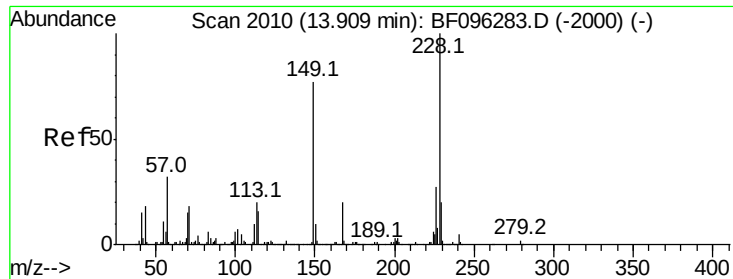
Delta R.T. -0.00 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Tgt Ion:	244	Resp:	189234
Ion Ratio		Lower	Upper
244	100		
212	6.0	6.0	9.0#
122	14.9	10.3	15.5





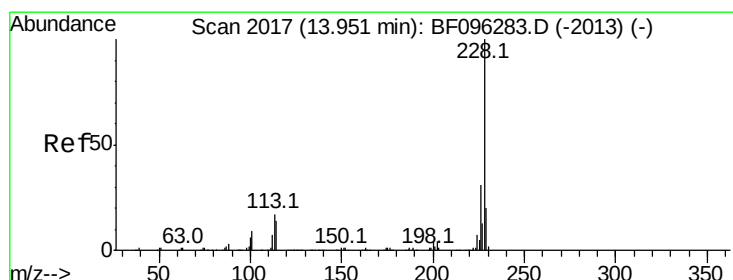
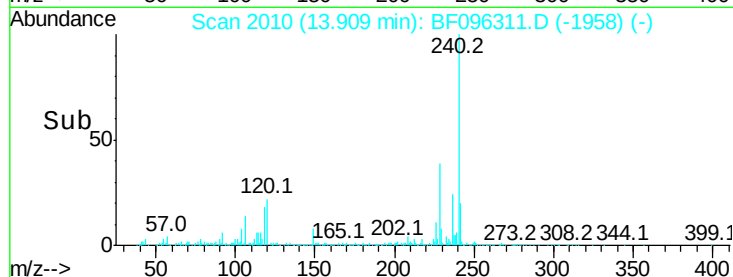
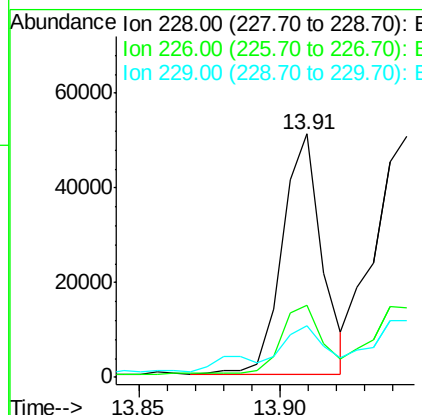
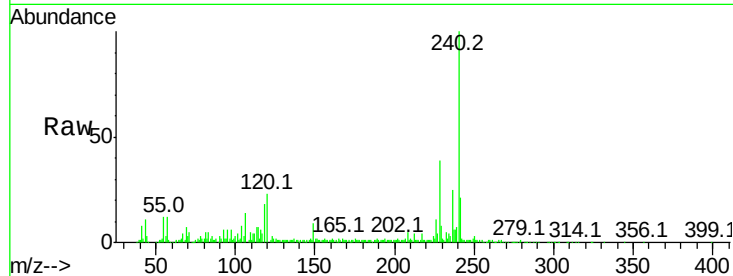
#80
Benzo(a)anthracene
Concen: 2.44 ng
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Instrument :
BNA_F
ClientSampleId :
G47-1.5-3

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.5	22.6	33.8
229	21.3	16.3	24.5

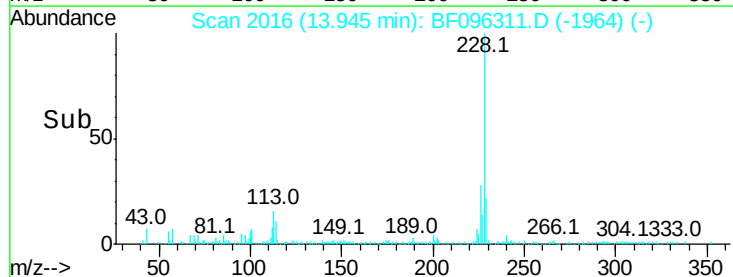
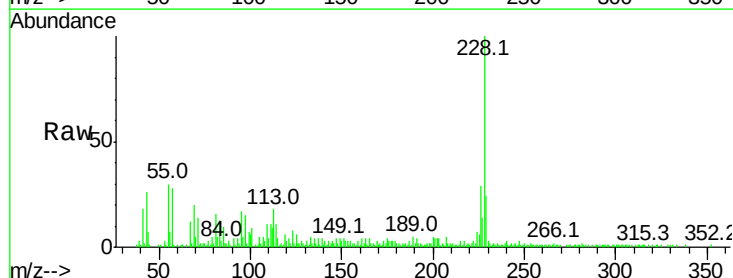
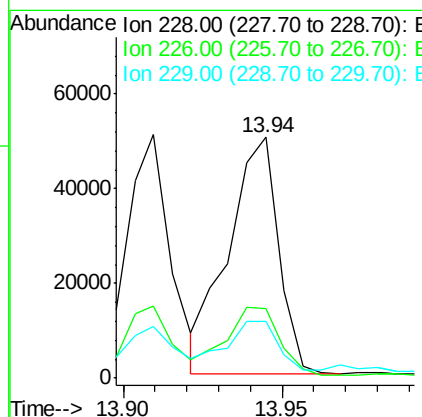
Manual Integrations
APPROVED

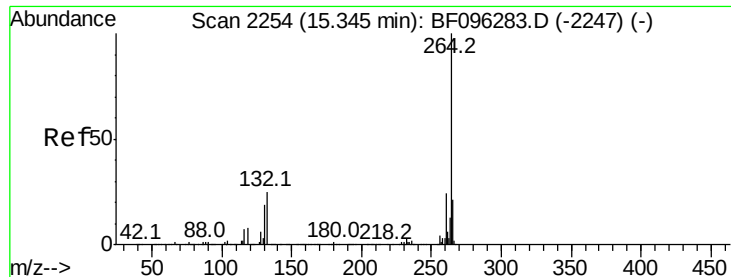
mohammad
6/30/2017 2:52:17 PM



#82
Chrysene
Concen: 2.66 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.0	24.9	37.3
229	23.6	15.8	23.6





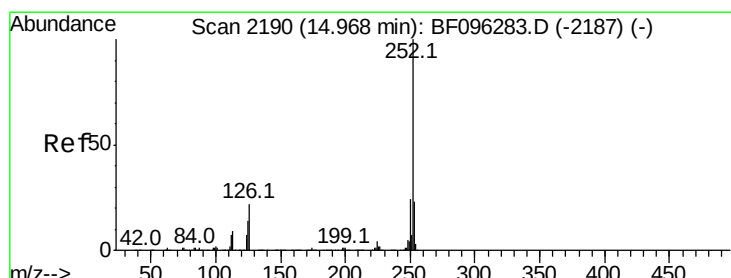
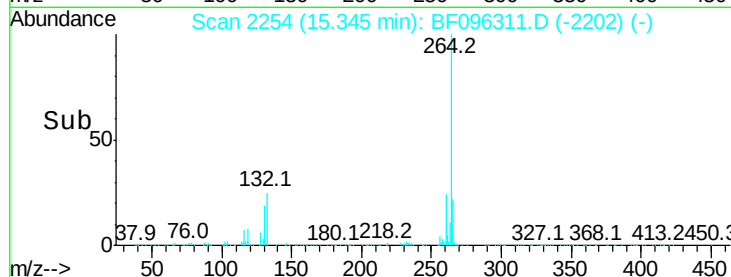
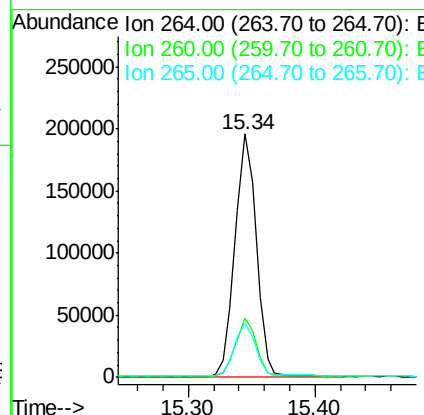
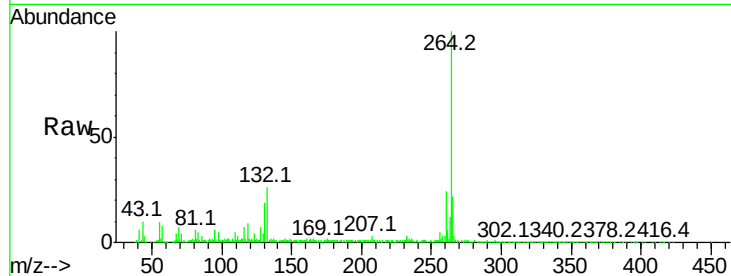
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Instrument :
BNA_F
ClientSampleId :
G47-1.5-3

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	22.1	17.2	25.8

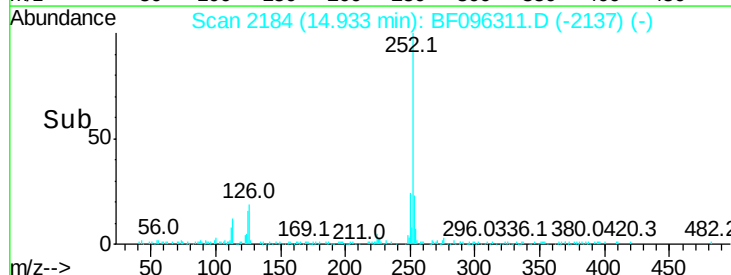
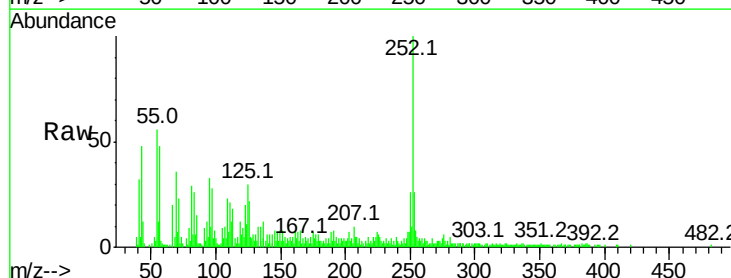
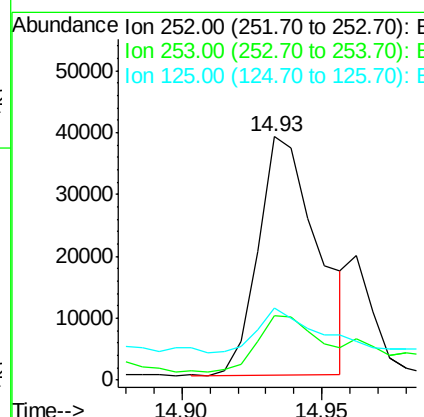
Manual Integrations
APPROVED

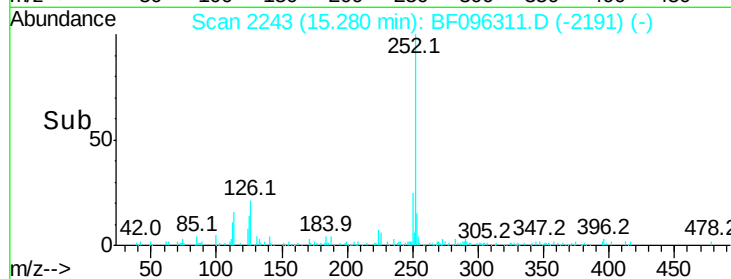
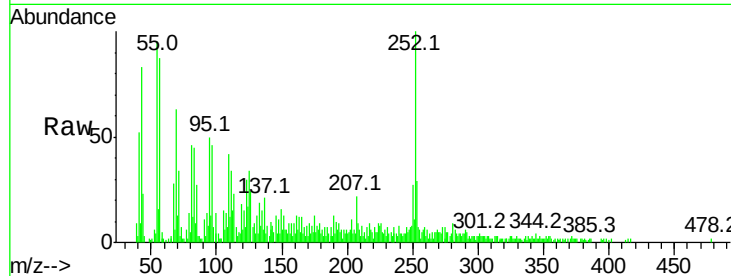
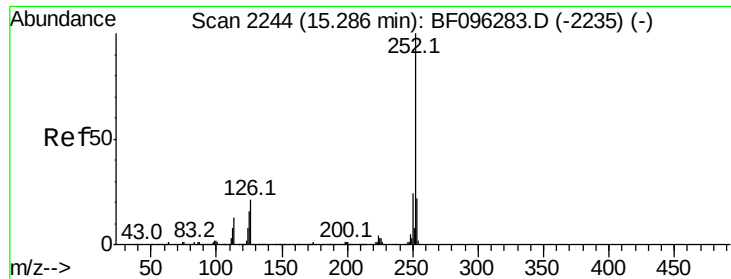
mohammad
6/30/2017 2:52:17 PM



#87
Benzo(b)fluoranthene
Concen: 3.85 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF096311.D
Acq: 30 Jun 2017 00:15

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.2	18.1	27.1
125	29.6	9.8	14.8





#89

Benzo(a)pyrene

Concen: 2.17 ng

RT: 15.28 min Scan# 2243

Delta R.T. 0.01 min

Lab File: BF096311.D

Acq: 30 Jun 2017 00:15

Instrument :

BNA_F

ClientSampleId :

G47-1.5-3

Tot Ion	Ratio	Resp Lower	Upper
252	100		
253	29.4	17.5	26.3#
125	33.9	11.0	16.4#

Manual Integrations
APPROVED

mohammad
6/30/2017 2:52:17 PM

