

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
 Data File : BF096236.D
 Acq On : 28 Jun 2017 00:30
 Operator : SJ/MA
 Sample : I3852-03 5X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 G-32-0-1.5

Manual Integrations
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 6/30/2017 12:46:55 PM

Quant Time: Jun 28 05:42:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\Methods\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 27 15:17:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	220091	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	830033	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	294854	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	480897	20.00	ng	0.00
75) Chrysene-d12	13.92	240	394912	20.00	ng	0.00
86) Perylene-d12	15.35	264	270563	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	133977	8.77	ng	0.00
7) Phenol-d6	6.40	99	244734	13.23	ng	0.00
23) Nitrobenzene-d5	7.33	82	121869	10.16	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	2177	0.94	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	221775	13.77	ng	-0.02
78) Terphenyl-d14	12.87	244	160271	10.13	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.53	163	53553	2.538	ng	99
74) Fluoranthene	12.50	202	136898	5.125	ng	95
77) Pyrene	12.73	202	128737	3.967	ng	99
80) Benzo(a)anthracene	13.91	228	50907m	2.115	ng	
82) Chrysene	13.94	228	50144	2.014	ng	95
87) Benzo(b)fluoranthene	14.94	252	56086m	3.156	ng	
89) Benzo(a)pyrene	15.29	252	38935	2.480	ng	# 69

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

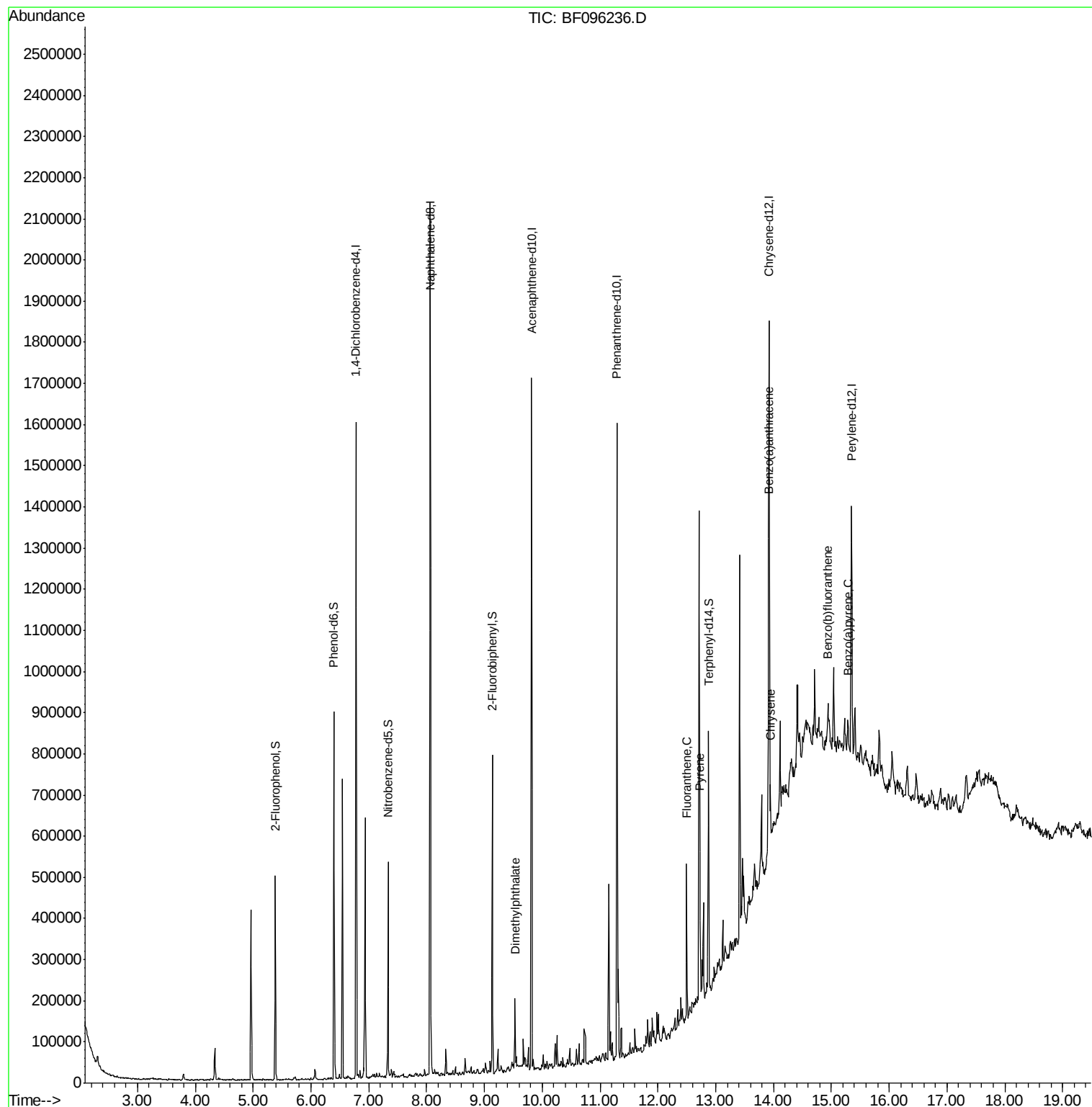
Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062717\
Data File : BF096236.D
Acq On : 28 Jun 2017 00:30
Operator : SJ/MA
Sample : I3852-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

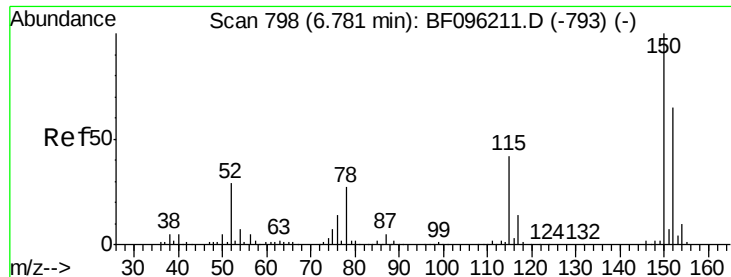
Instrument :
BNA_F
ClientSampleId :
G-32-0-1.5

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Quant Time: Jun 28 05:42:58 2017
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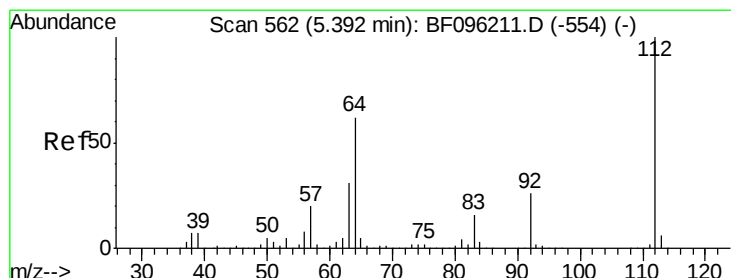
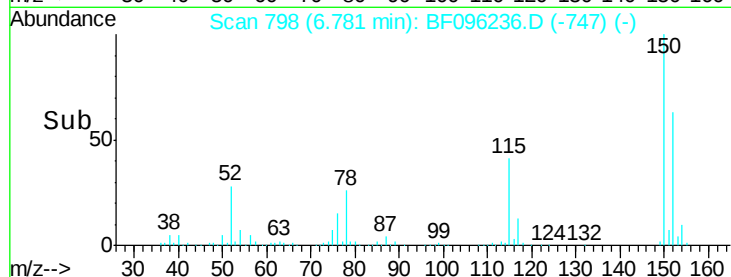
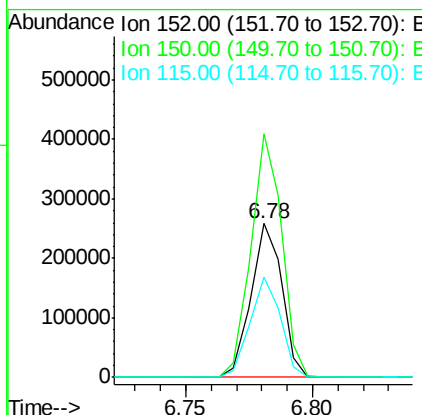
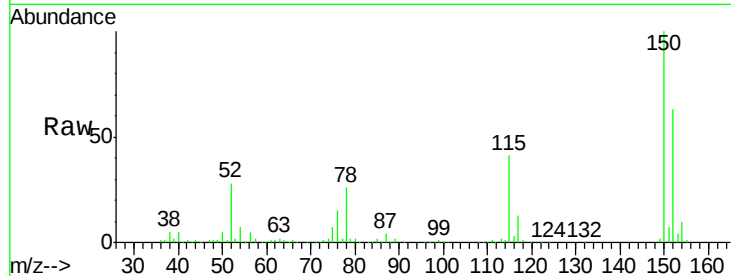
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.78 min Scan# 798
 Delta R.T. -0.00 min
 Lab File: BF096236.D
 Acq: 28 Jun 2017 00:30

Instrument :
 BNA_F
 ClientSampled :
 G-32-0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	220091		
150	158.4	126.2	189.2	
115	65.6	52.2	78.2	

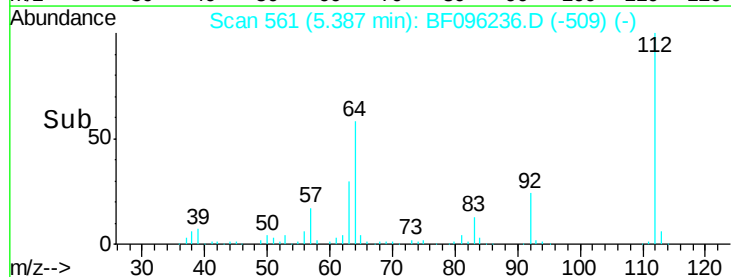
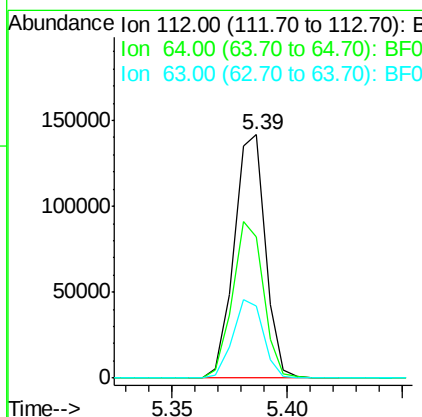
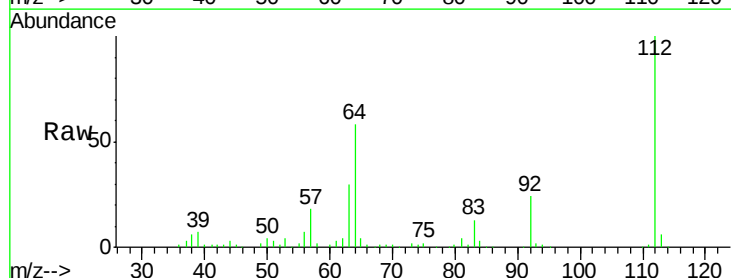
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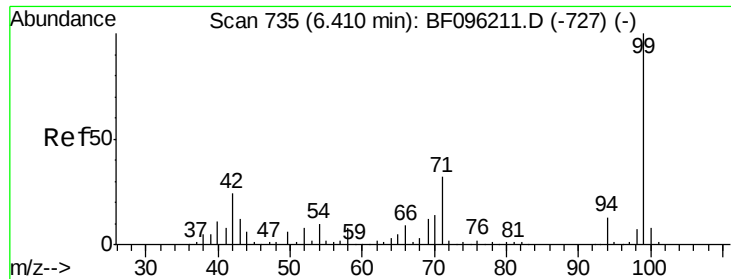
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#5
 2-Fluorophenol
 Concen: 8.770 ng
 RT: 5.39 min Scan# 561
 Delta R.T. 0.01 min
 Lab File: BF096236.D
 Acq: 28 Jun 2017 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
112	100	133977		
64	57.9	46.0	69.0	
63	29.5	23.4	35.0	





#7

Phenol-d6

Concen: 13.230 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096236.D

Acq: 28 Jun 2017 00:30

Instrument :

BNA_F

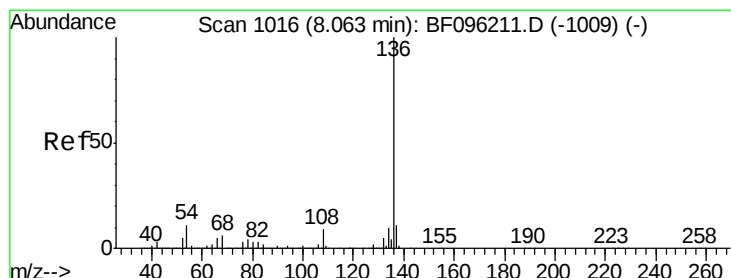
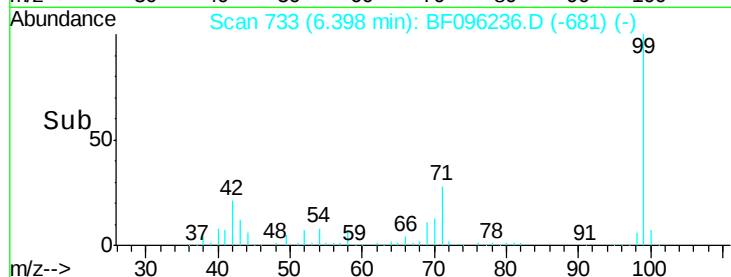
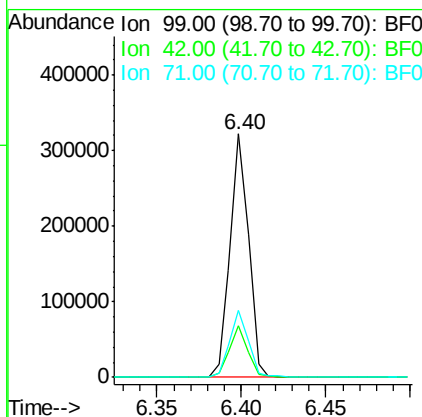
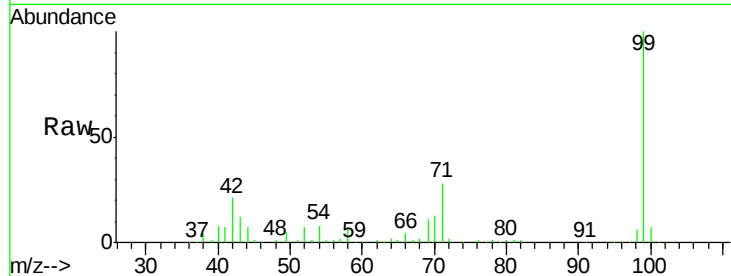
ClientSampleId :

G-32-0-1.5

Tgt Ion:	99	Resp:	244734
Ion Ratio	Lower	Upper	
99	100		
42	21.3	13.5	20.3#
71	27.7	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

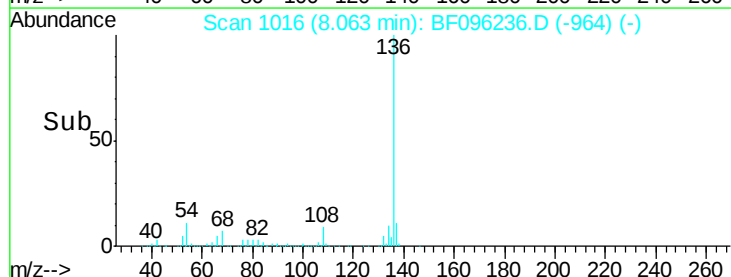
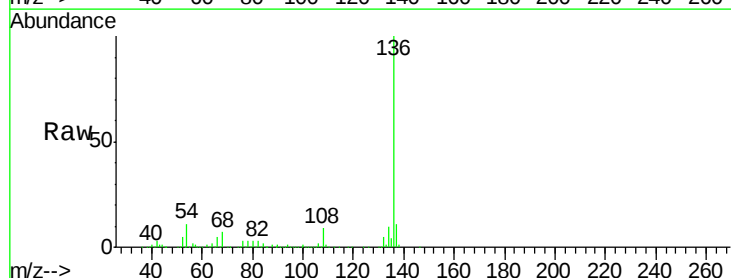
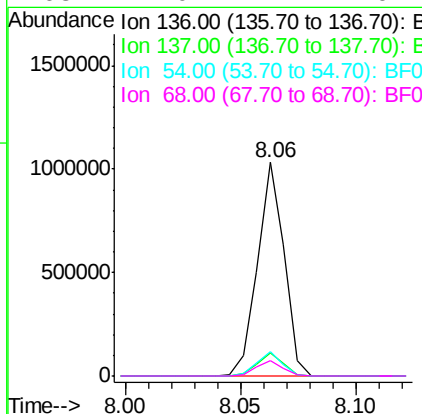
RT: 8.06 min Scan# 1016

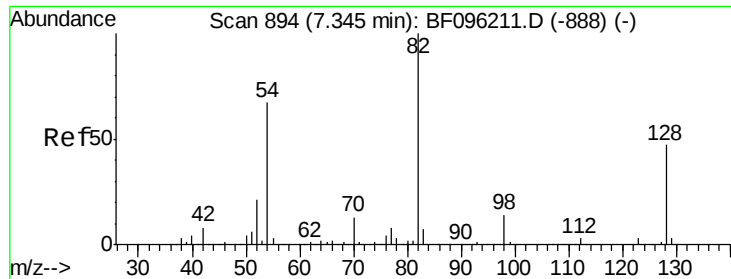
Delta R.T. 0.01 min

Lab File: BF096236.D

Acq: 28 Jun 2017 00:30

Tgt Ion:	136	Resp:	830033
Ion Ratio	Lower	Upper	
136	100		
137	11.0	8.5	12.7
54	11.3	4.9	7.3#
68	7.0	4.1	6.1#





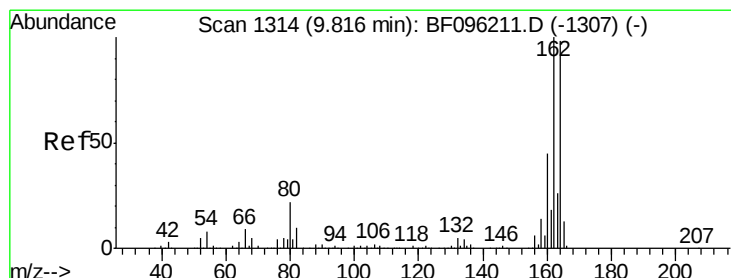
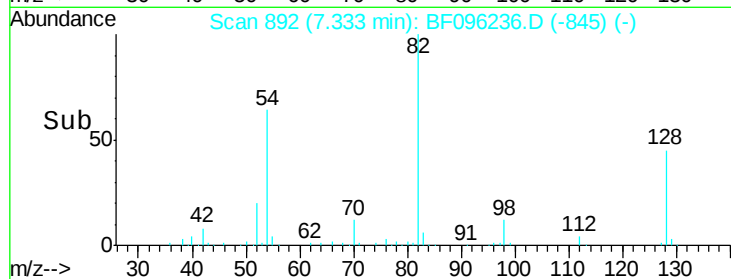
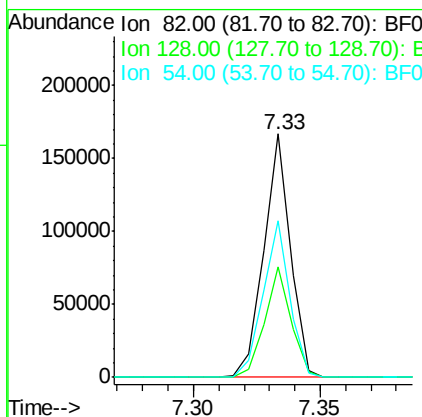
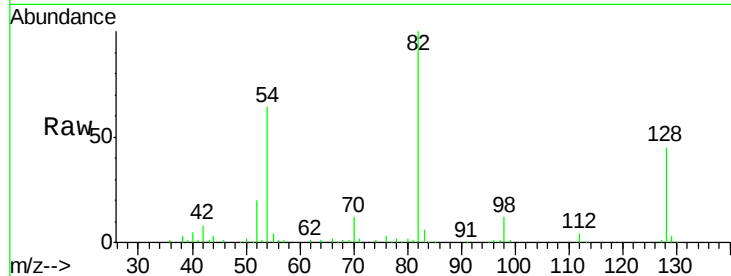
#23
 Nitrobenzene-d5
 Concen: 10.164 ng
 RT: 7.33 min Scan# 892
 Delta R.T. -0.02 min
 Lab File: BF096236.D
 Acq: 28 Jun 2017 00:30

Instrument :
 BNA_F
 ClientSampleId :
 G-32-0-1.5

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	121869		
128	45.2	34.0	51.0	
54	64.1	42.2	63.2	

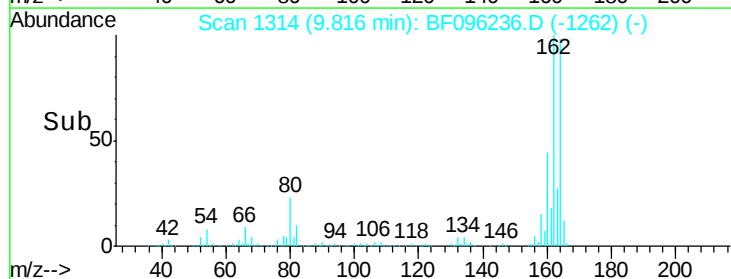
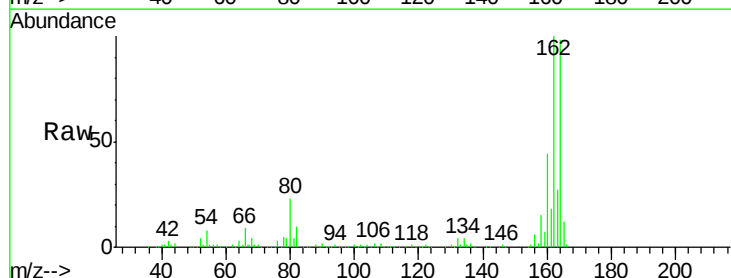
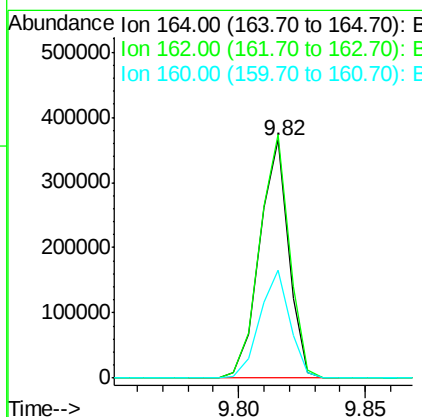
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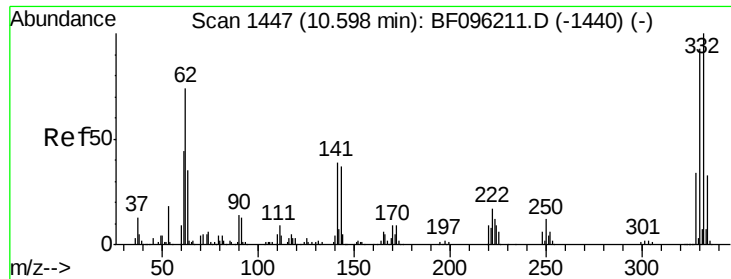
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1314
 Delta R.T. 0.01 min
 Lab File: BF096236.D
 Acq: 28 Jun 2017 00:30

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	294854		
162	102.3	82.6	123.8	
160	45.1	36.2	54.2	





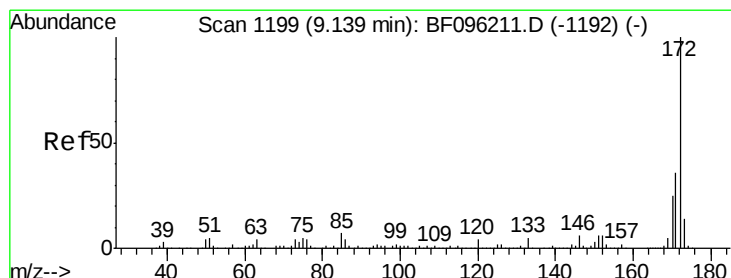
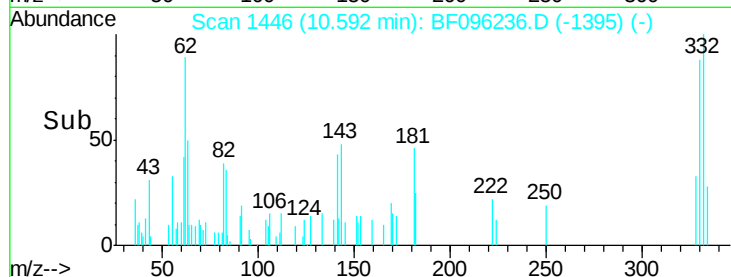
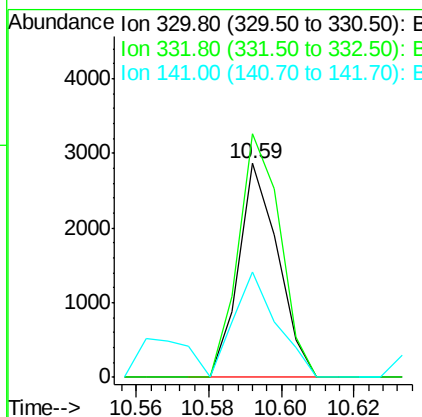
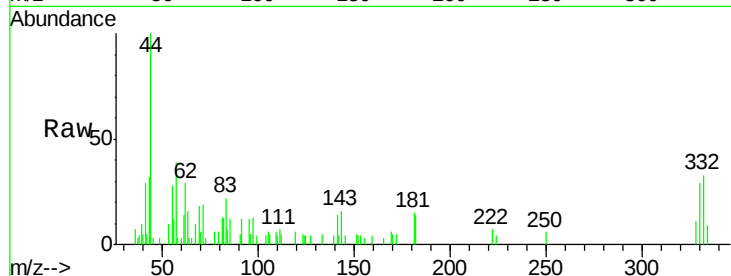
#41
 2,4,6-Tribromophenol
 Concen: 0.938 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096236.D
 Acq: 28 Jun 2017 00:30

Instrument :
 BNA_F
 ClientSampled :
 G-32-0-1.5

Tgt Ion	Ratio	Lower	Upper
330	100		
332	119.9	76.6	115.0#
141	53.4	31.4	47.2#

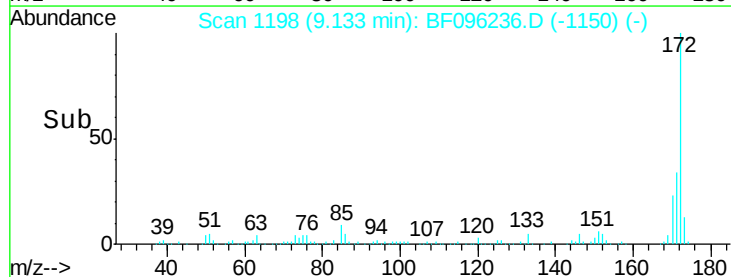
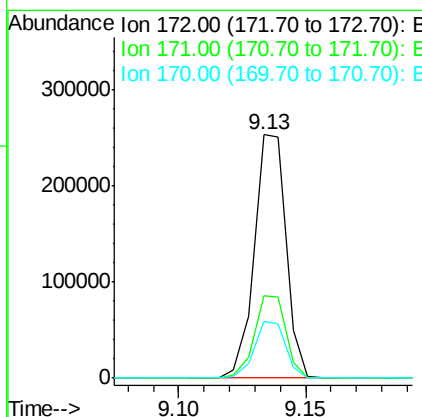
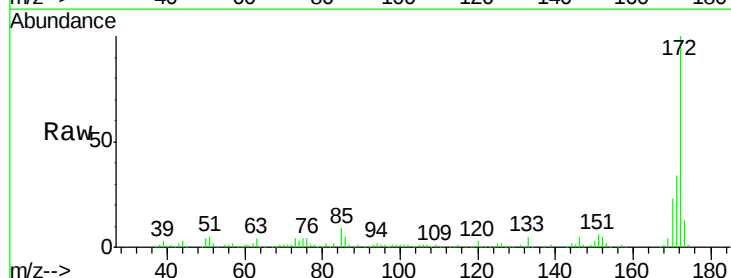
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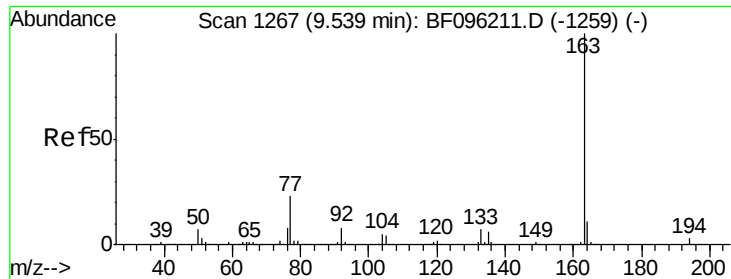
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#44
 2-Fluorobiphenyl
 Concen: 13.775 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF096236.D
 Acq: 28 Jun 2017 00:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.9	29.6	44.4
170	23.3	19.8	29.8





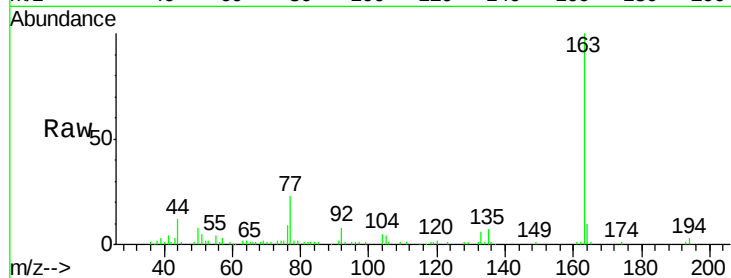
#49
Dimethylphthalate
Concen: 2.538 ng
RT: 9.53 min Scan# 1265
Delta R.T. -0.00 min
Lab File: BF096236.D
Acq: 28 Jun 2017 00:30

Instrument :
BNA_F
ClientSampleId :
G-32-0-1.5

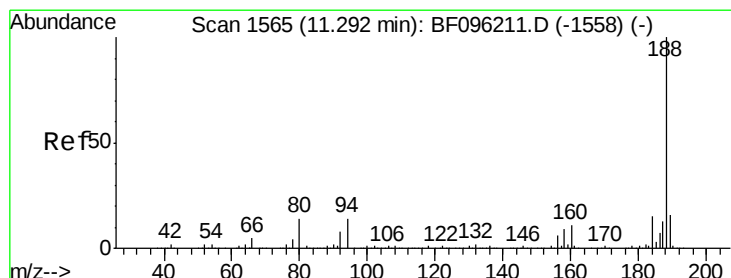
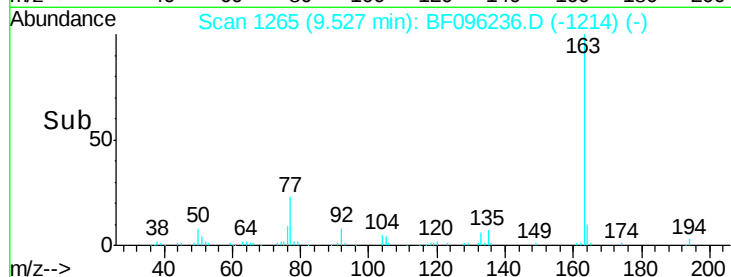
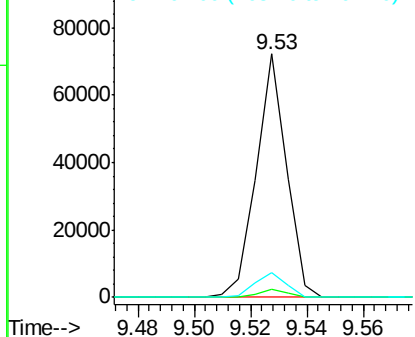
Tgt Ion	Ratio	Resp Lower	Resp Upper
163	100		
194	3.4	2.6	4.0
164	10.1	8.4	12.6

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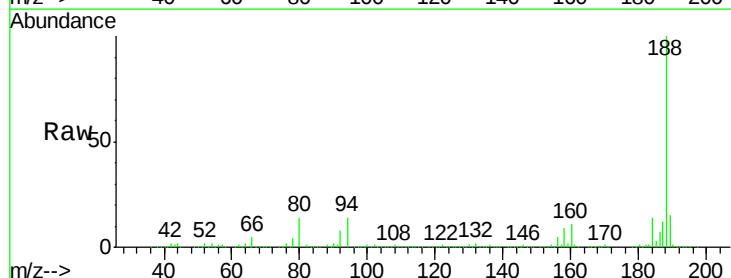


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

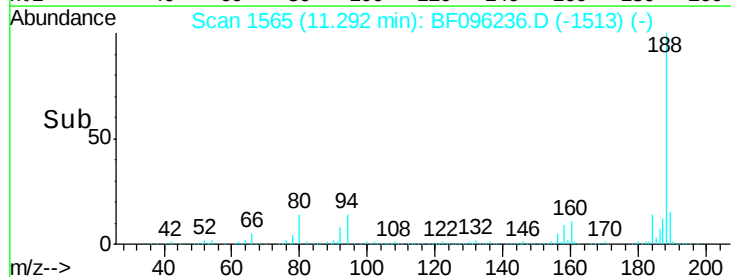
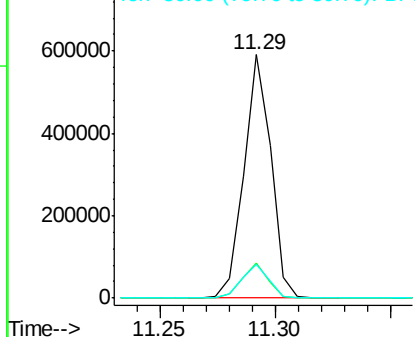


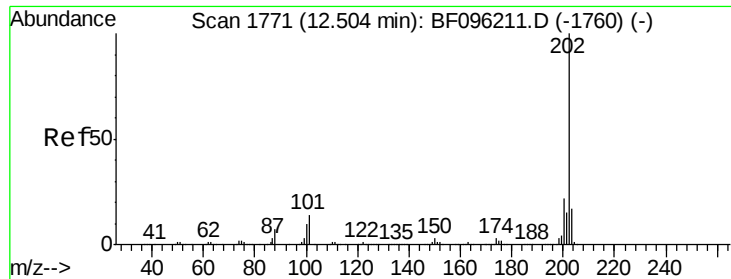
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.29 min Scan# 1565
Delta R.T. 0.01 min
Lab File: BF096236.D
Acq: 28 Jun 2017 00:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
188	100		
94	14.2	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: 5.125 ng

RT: 12.50 min Scan# 1770

Delta R.T. 0.01 min

Lab File: BF096236.D

Acq: 28 Jun 2017 00:30

Instrument :

BNA_F

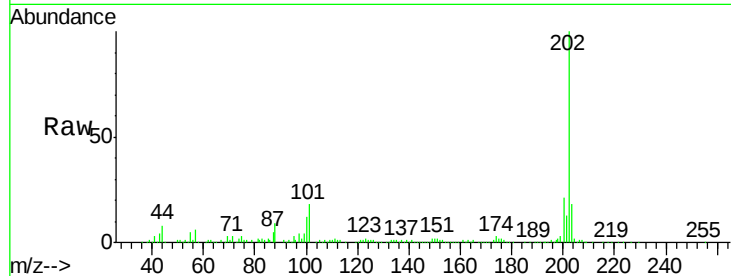
ClientSampleId :

G-32-0-1.5

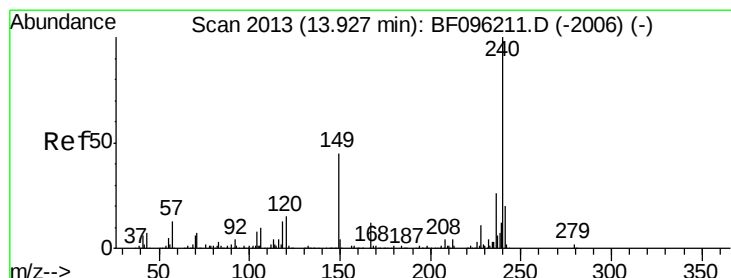
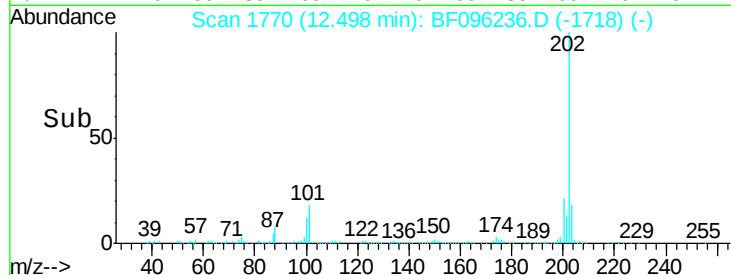
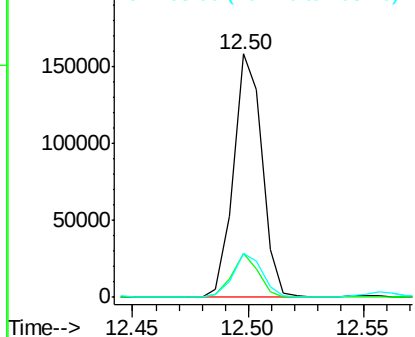
Tgt	Ion	202	Resp:	136898
Ion	Ratio		Lower	Upper
202	100			
101	17.9	0.0	33.2	
203	18.0	0.0	38.1	

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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: 20.000 ng

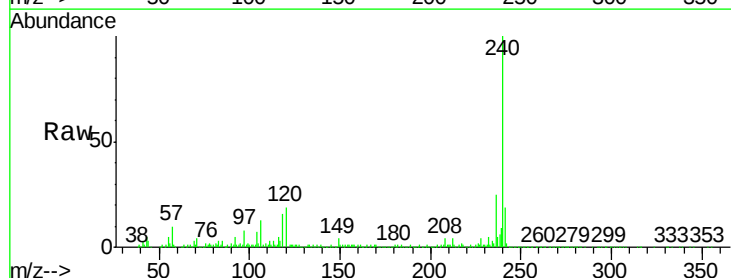
RT: 13.92 min Scan# 2012

Delta R.T. 0.01 min

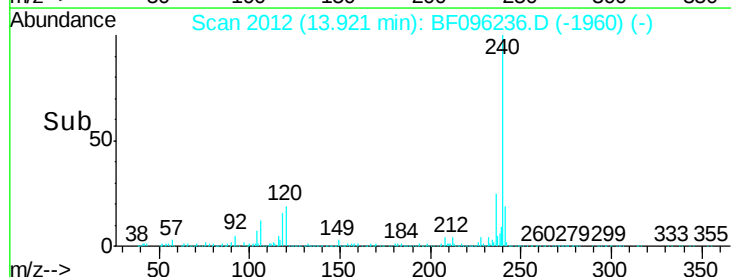
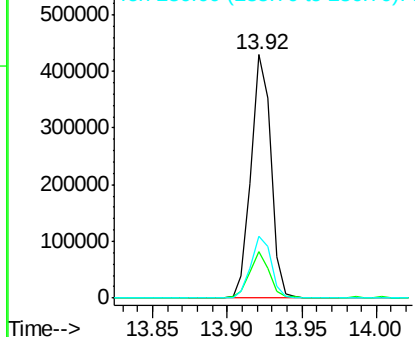
Lab File: BF096236.D

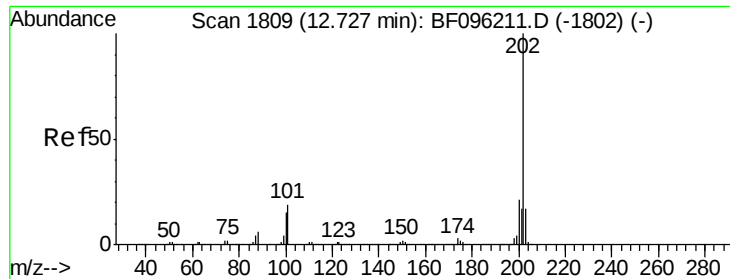
Acq: 28 Jun 2017 00:30

Tgt	Ion	240	Resp:	394912
Ion	Ratio		Lower	Upper
240	100			
120	19.3	5.8	8.8#	
236	25.4	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

Pyrene

Concen: 3.967 ng

RT: 12.73 min Scan# 1809

Delta R.T. 0.01 min

Lab File: BF096236.D

Acq: 28 Jun 2017 00:30

Instrument :

BNA_F

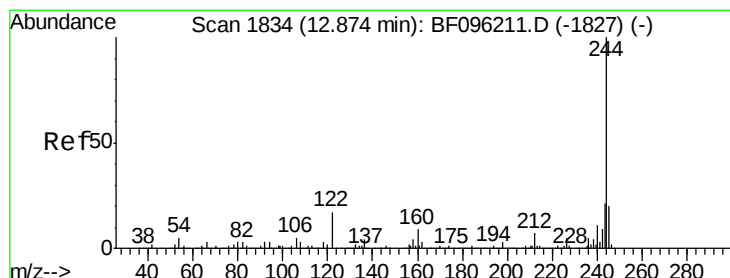
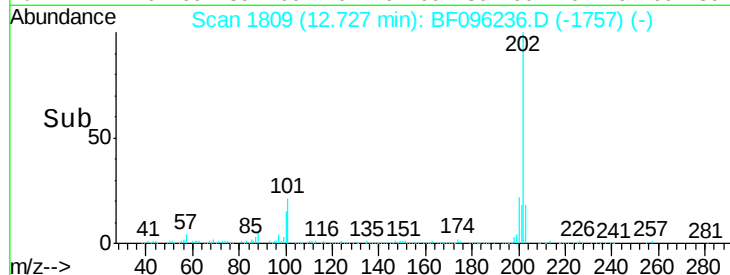
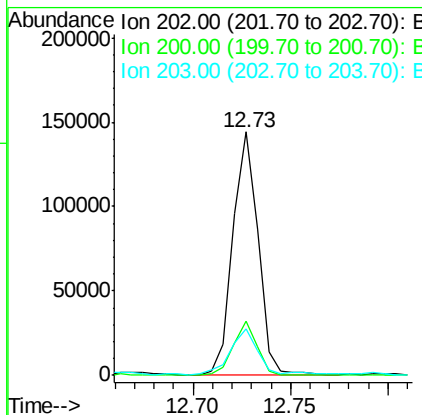
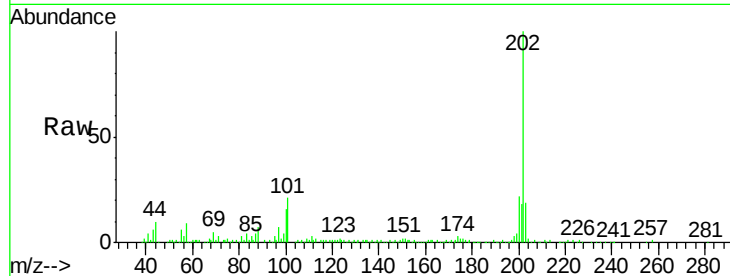
ClientSampleId :

G-32-0-1.5

Tgt Ion:	202	Resp:	128737
Ion Ratio	Lower	Upper	
202	100		
200	22.1	17.6	26.4
203	18.9	14.4	21.6

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#78

Terphenyl-d14

Concen: 10.127 ng

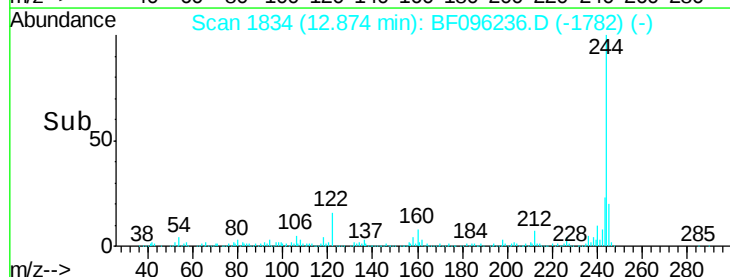
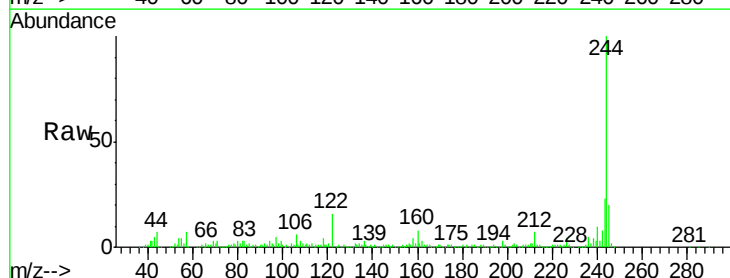
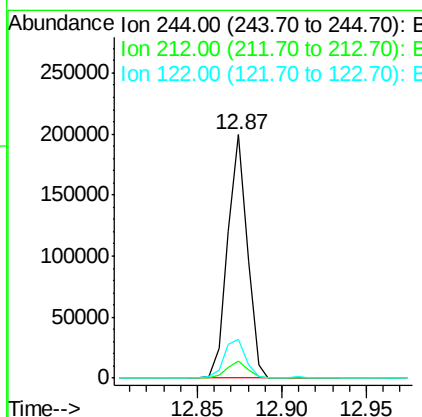
RT: 12.87 min Scan# 1834

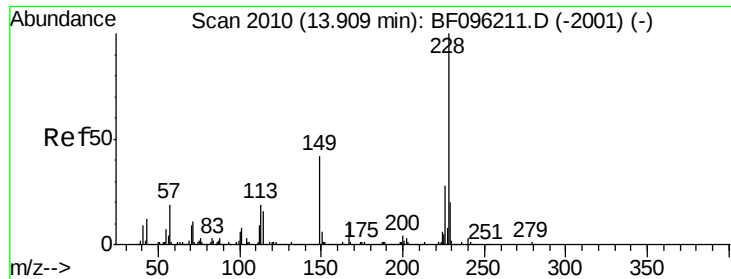
Delta R.T. 0.01 min

Lab File: BF096236.D

Acq: 28 Jun 2017 00:30

Tgt Ion:	244	Resp:	160271
Ion Ratio	Lower	Upper	
244	100		
212	6.8	6.0	9.0
122	16.1	10.3	15.5#





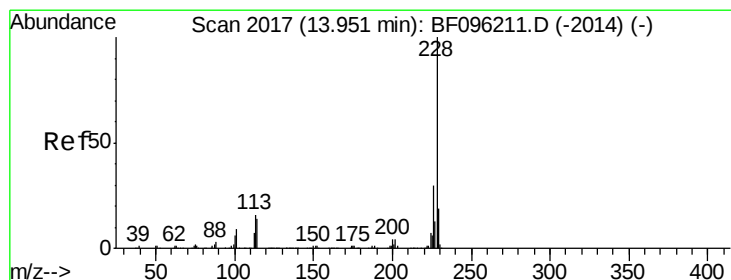
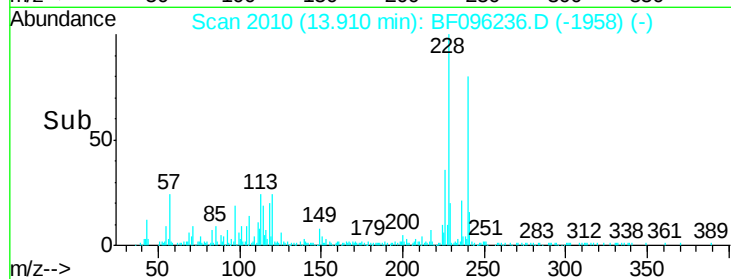
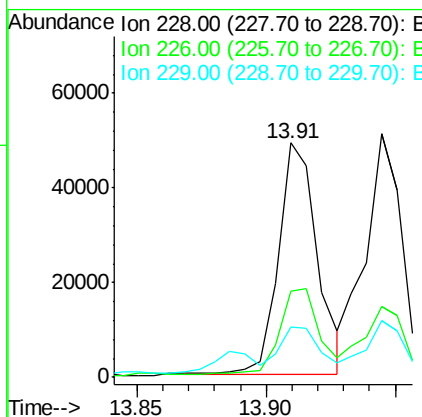
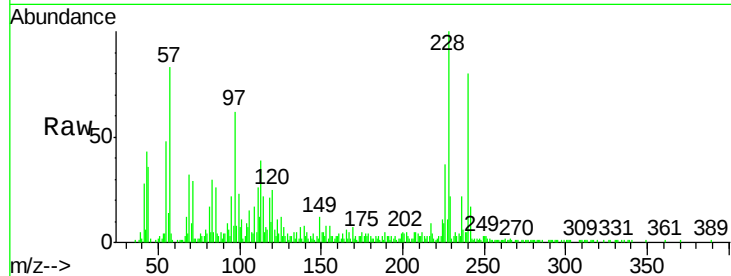
#80
Benzo(a)anthracene
Concen: 2.115 ng m
RT: 13.91 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BF096236.D
Acq: 28 Jun 2017 00:30

Instrument :
BNA_F
ClientSampleId :
G-32-0-1.5

Tgt Ion	Ratio	Lower	Upper
228	100		
226	37.1	22.6	33.8#
229	21.7	16.3	24.5

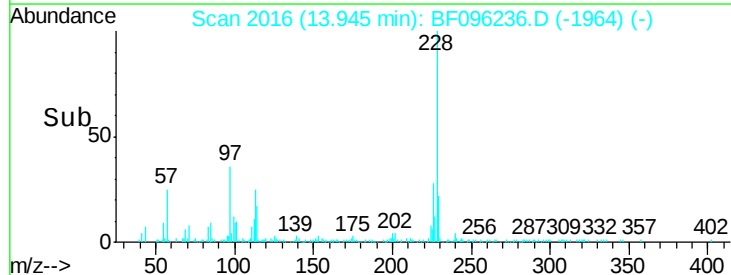
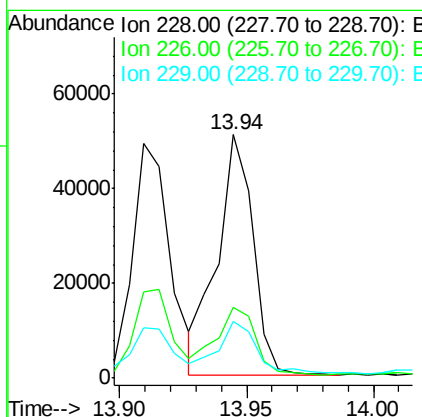
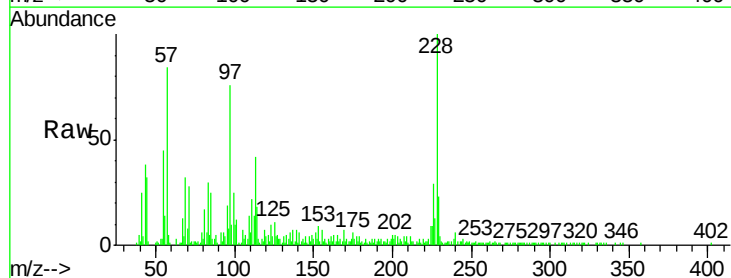
Manual Integrations
APPROVED

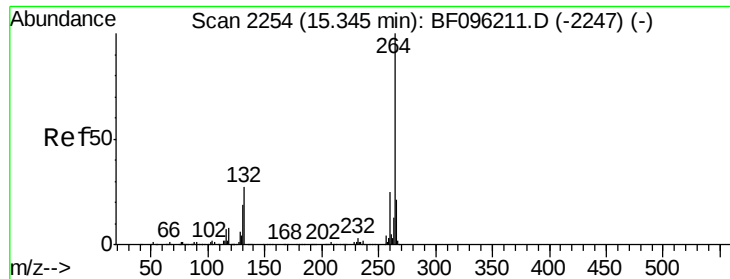
mohammad
6/30/2017 12:46:55 PM



#82
Chrysene
Concen: 2.014 ng
RT: 13.94 min Scan# 2016
Delta R.T. 0.01 min
Lab File: BF096236.D
Acq: 28 Jun 2017 00:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.1	24.9	37.3
229	23.5	15.8	23.6





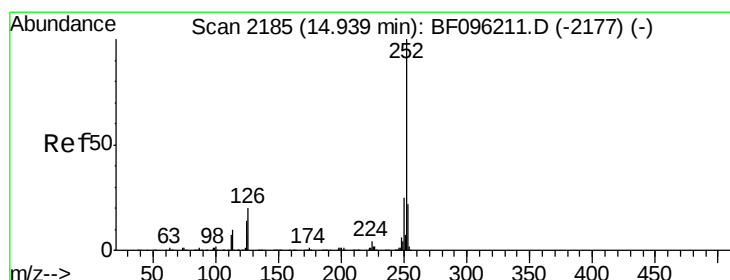
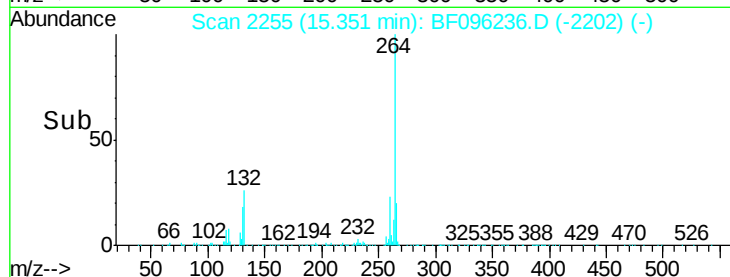
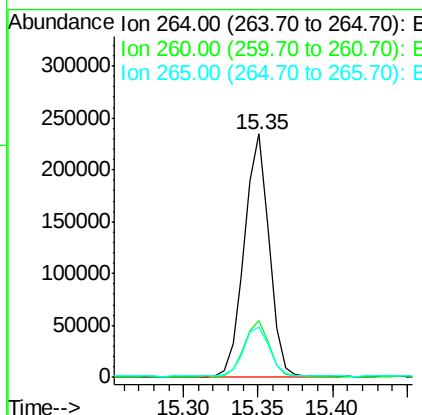
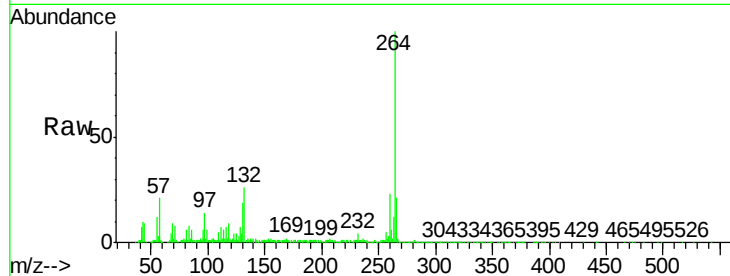
#86
Perylene-d12
Concen: 20.000 ng
RT: 15.35 min Scan# 2255
Delta R.T. 0.01 min
Lab File: BF096236.D
Acq: 28 Jun 2017 00:30

Instrument :
BNA_F
ClientSampleId :
G-32-0-1.5

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.2	19.5	29.3
265	20.8	17.2	25.8

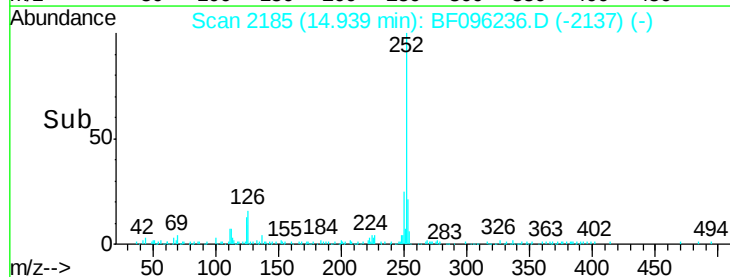
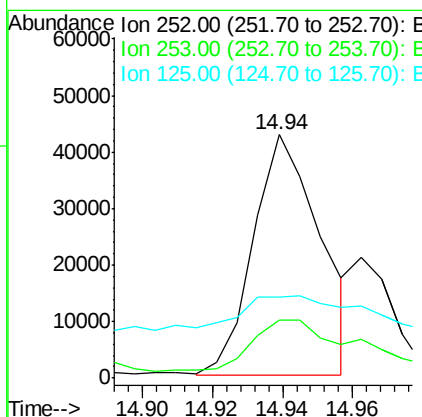
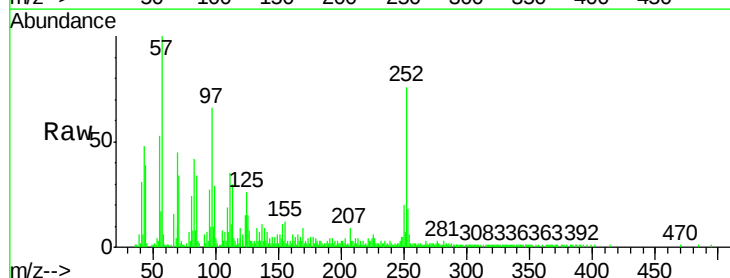
Manual Integrations
APPROVED

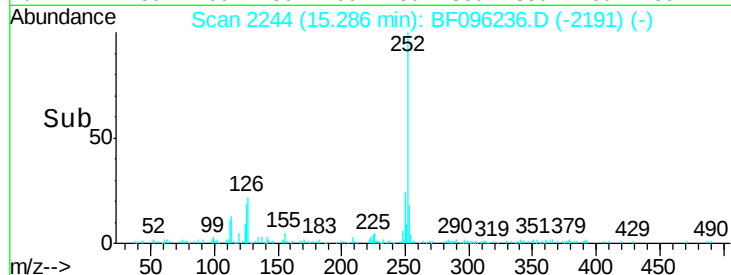
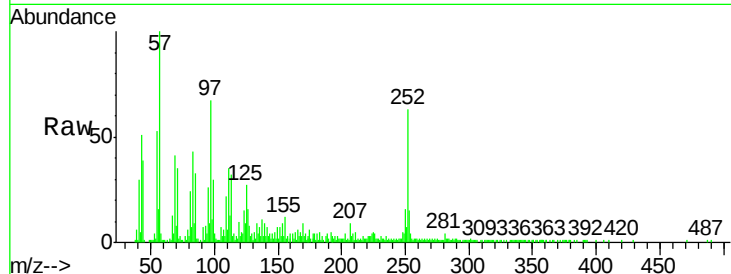
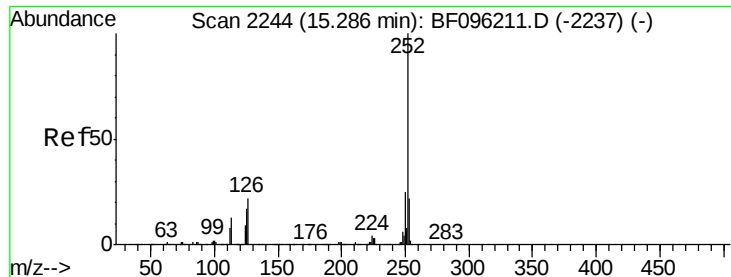
mohammad
6/30/2017 12:46:55 PM



#87
Benzo(b)fluoranthene
Concen: 3.156 ng m
RT: 14.94 min Scan# 2185
Delta R.T. -0.02 min
Lab File: BF096236.D
Acq: 28 Jun 2017 00:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.7	18.1	27.1
125	33.5	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.480 ng

RT: 15.29 min Scan# 2244

Delta R.T. 0.01 min

Lab File: BF096236.D

Acq: 28 Jun 2017 00:30

Instrument :

BNA_F

ClientSampleId :

G-32-0-1.5

Tgt Ion:	252	Resp:	38935
Ion Ratio	Lower	Upper	
252	100		
253	24.3	17.5	26.3
125	42.5	11.0	16.4

Manual Integrations
APPROVED

mohammad
6/30/2017 12:46:55 PM

