

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
 Data File : BF096199.D
 Acq On : 24 Jun 2017 19:58
 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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Quant Time: Jun 29 13:46:11 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 20 16:05:47 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.26	152	62977	20.00	ng	-0.03
21) Naphthalene-d8	9.30	136	245655	20.00	ng	-0.03
38) Acenaphthene-d10	12.12	164	98639	20.00	ng	-0.04
63) Phenanthrene-d10	14.52	188	166797	20.00	ng	-0.02
75) Chrysene-d12	18.26	240	138226	20.00	ng	-0.02
86) Perylene-d12	19.93	264	99845	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	25220m	6.38	ng	0.11
7) Phenol-d6	6.93	99	59168m	12.51	ng	0.05
23) Nitrobenzene-d5	8.23	82	23316	5.89	ng	0.00
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	11.08	172	69882	9.86	ng	-0.03
78) Terphenyl-d14	16.90	244	55742	10.01	ng	-0.03
Target Compounds						
49) Dimethylphthalate	11.79	163	17028	2.27	ng	Qvalue # 98
70) Phenanthrene	14.56	178	21222	2.21	ng	97
74) Fluoranthene	16.35	202	43669	4.58	ng	97
77) Pyrene	16.66	202	40839	3.96	ng	99
82) Chrysene	18.29	228	18097m	2.25	ng	
87) Benzo(b)fluoranthene	19.53	252	19605m	3.14	ng	
89) Benzo(a)pyrene	19.89	252	13863	2.41	ng	# 82

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

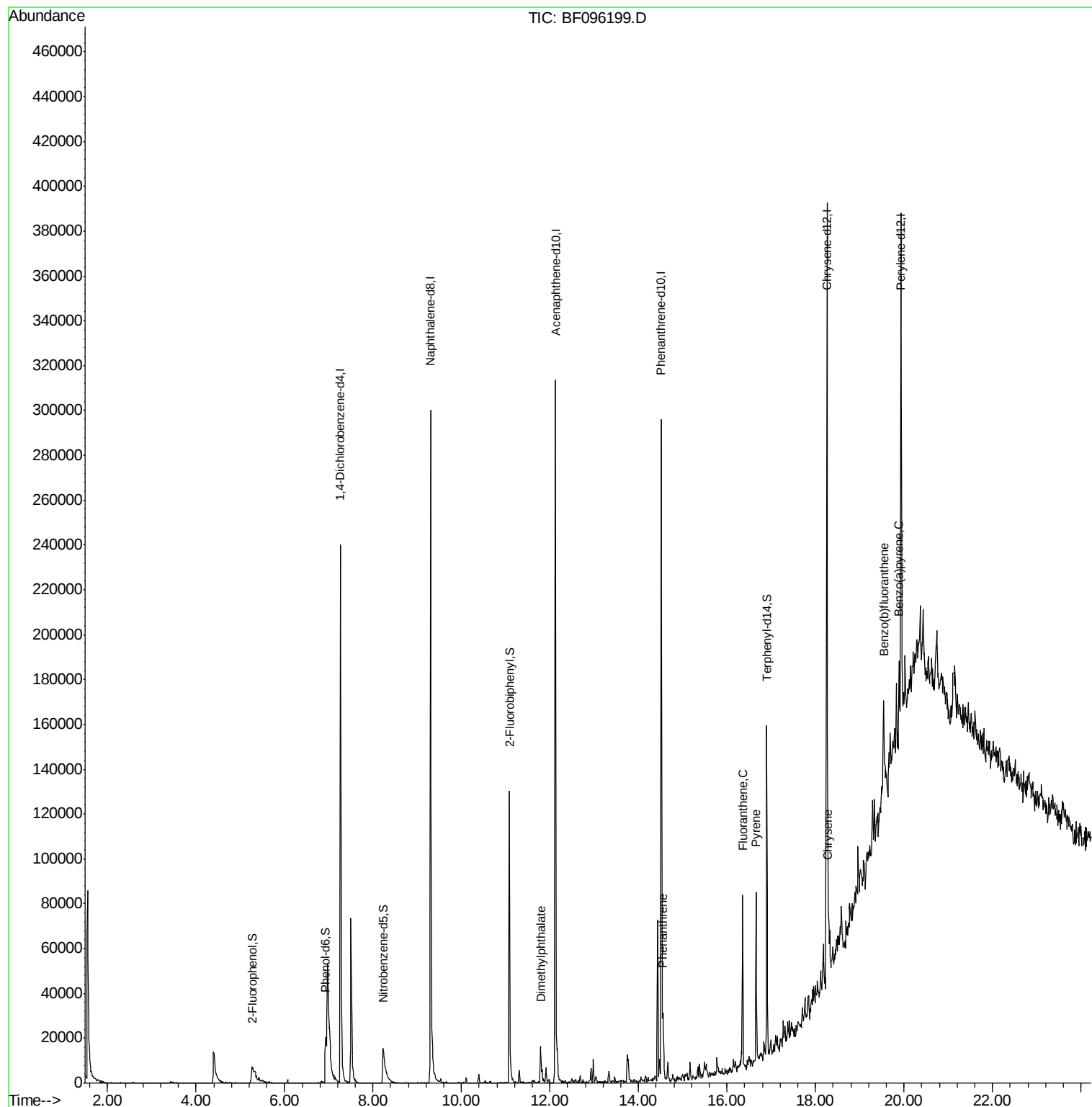
Data Path : Z:\HPCHEM1\BNA F\DATA\BF062417\
Data File : BF096199.D
Acq On : 24 Jun 2017 19:58
Operator : SJ/MA
Sample : I3852-03 5X
Misc :
ALS Vial : 21 Sample Multiplier: 1

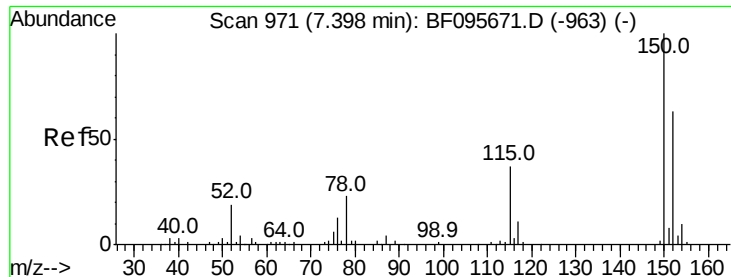
Instrument :
BNA_F
ClientSampleId :
G-32-0-1.5

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Quant Time: Jun 29 13:46:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

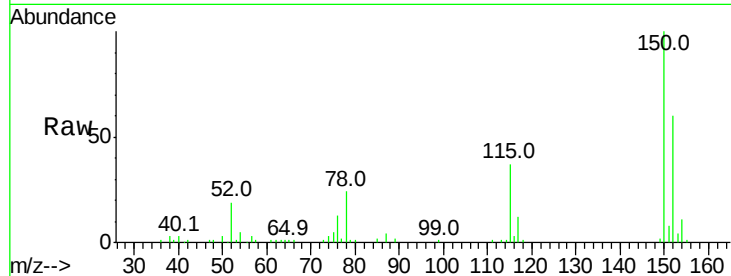
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.26 min Scan# 982
Delta R.T. -0.03 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

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

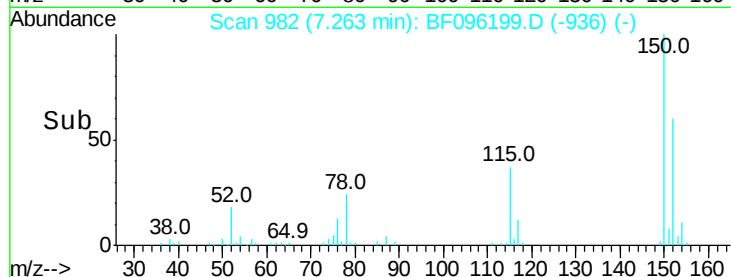
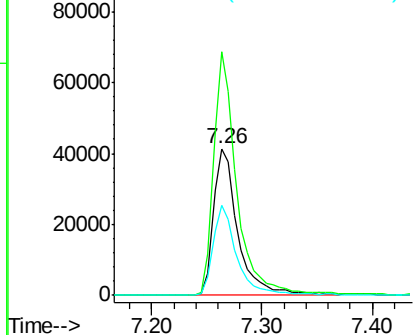
Tot Ion	Ratio	Lower	Upper
152	100		
150	166.4	126.2	189.2
115	61.5	52.2	78.2

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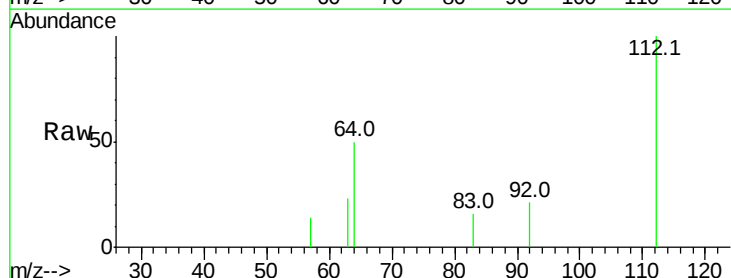
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



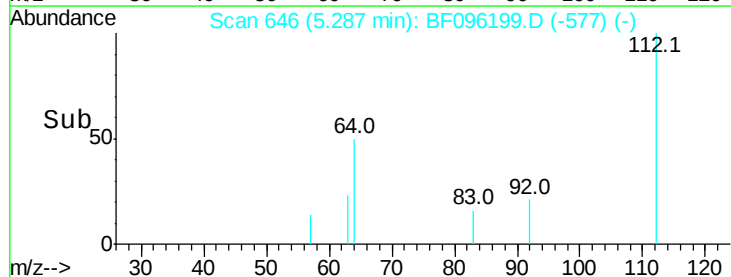
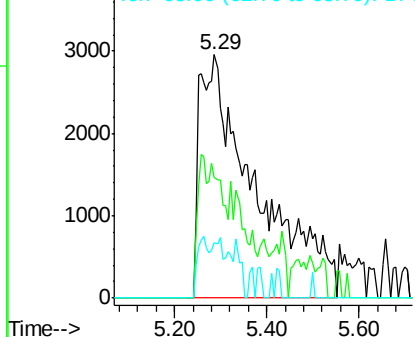
#5

2-Fluorophenol
Concen: 6.38 ng m
RT: 5.29 min Scan# 646
Delta R.T. 0.11 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	49.5	46.0	69.0
63	22.7	23.4	35.0#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 12.51 ng/mL

RT: 6.93 min Scan# 925

Delta R.T. 0.05 min

Lab File: BF096199.D

Acq: 24 Jun 2017 19:58

Instrument :

BNA_F

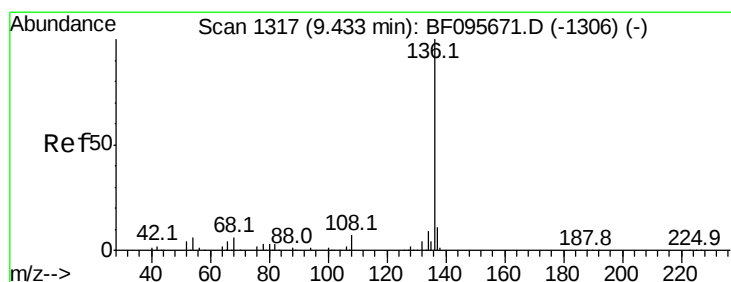
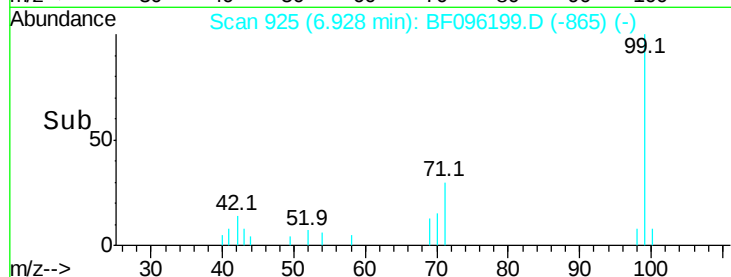
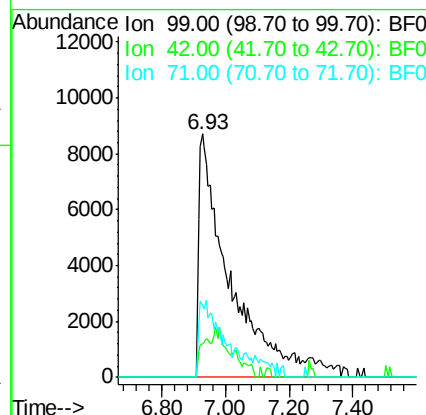
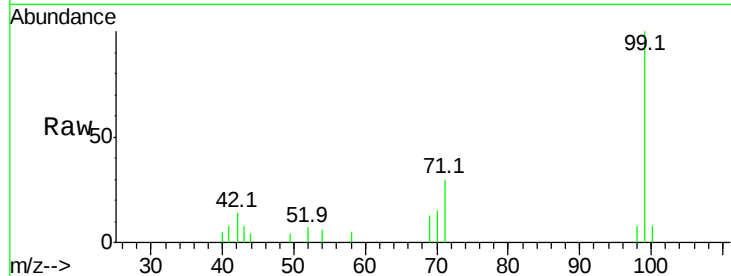
ClientSampleId :

G-32-0-1.5

Tot Ion:	99	Resp:	59168
Ion Ratio	Lower	Upper	
99	100		
42	14.0	13.5	20.3
71	29.8	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng/mL

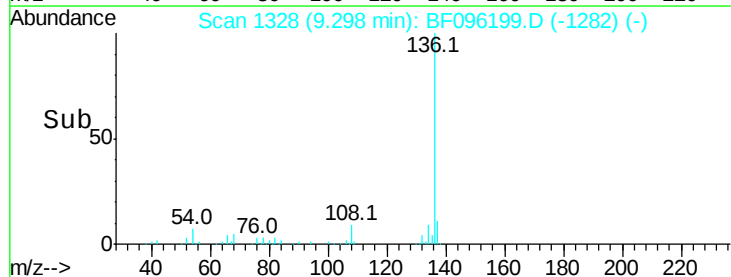
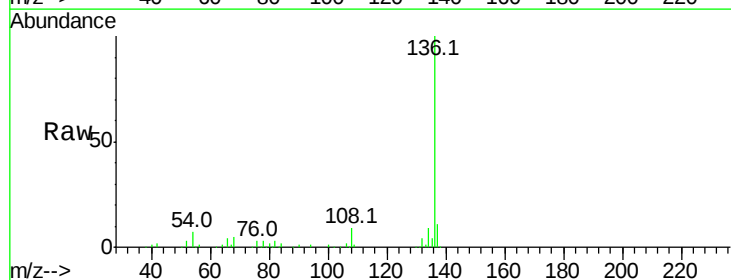
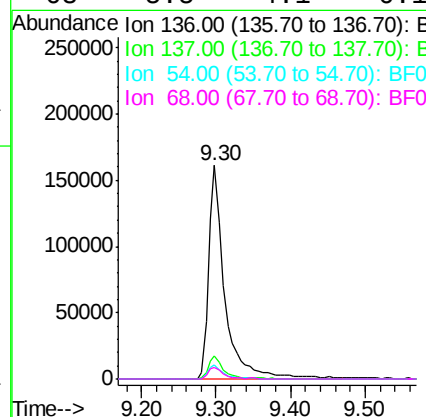
RT: 9.30 min Scan# 1328

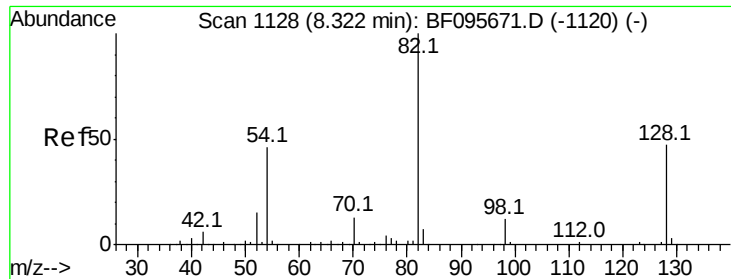
Delta R.T. -0.03 min

Lab File: BF096199.D

Acq: 24 Jun 2017 19:58

Tgt Ion:	136	Resp:	245655
Ion Ratio	Lower	Upper	
136	100		
137	10.7	8.5	12.7
54	6.6	4.9	7.3
68	5.5	4.1	6.1





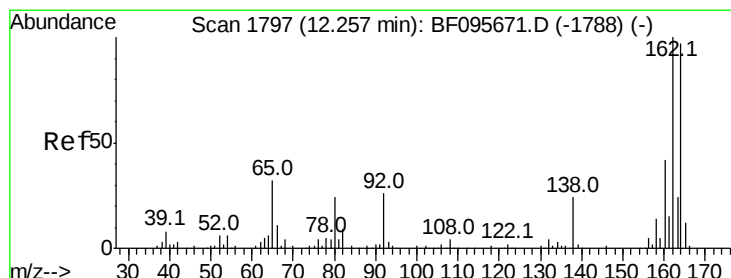
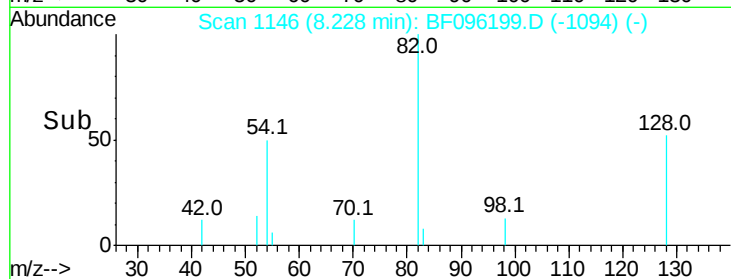
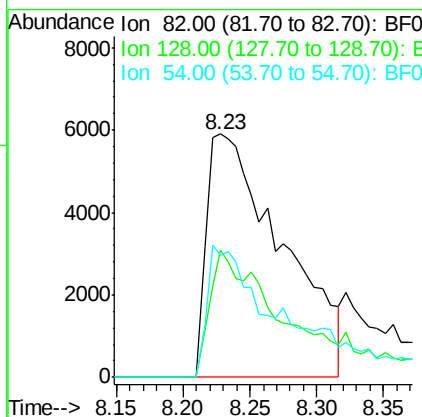
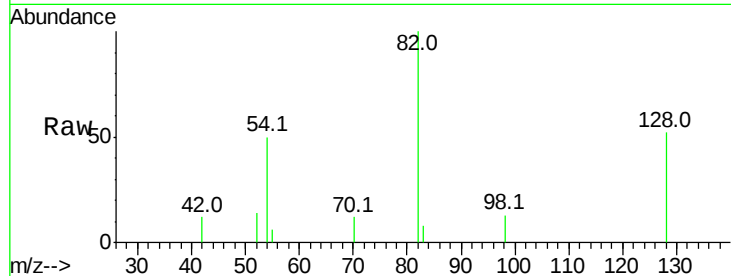
#23
Nitrobenzene-d5
Concen: 5.89 ng
RT: 8.23 min Scan# 1146
Delta R.T. 0.01 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

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

Tot Ion	Ratio	Lower	Upper
82	100		
128	52.0	34.0	51.0#
54	49.9	42.2	63.2

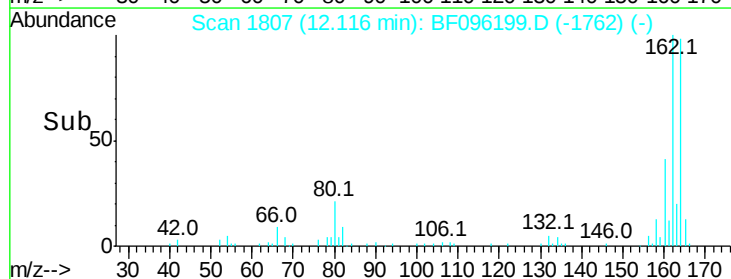
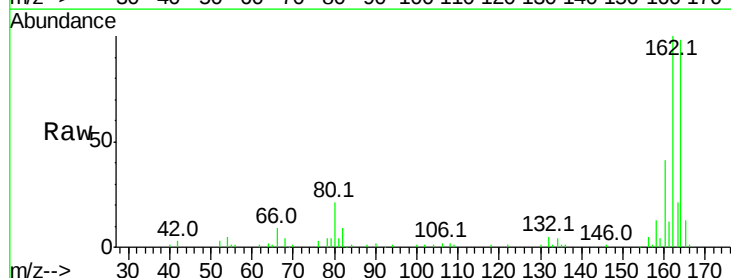
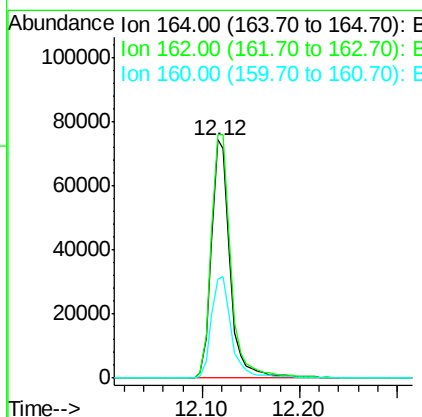
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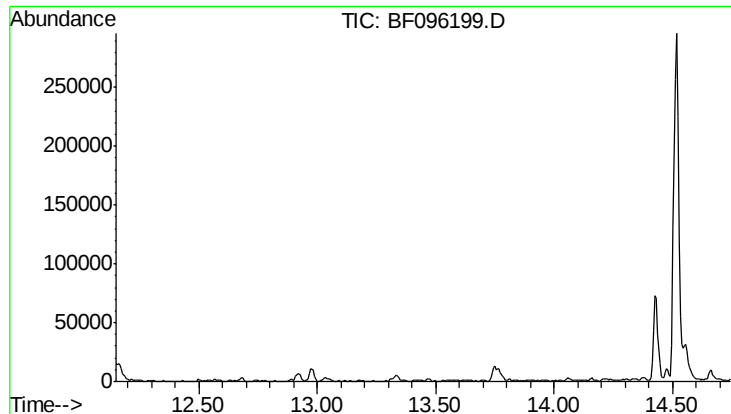
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#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 12.12 min Scan# 1807
Delta R.T. -0.04 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.3	82.6	123.8
160	41.5	36.2	54.2





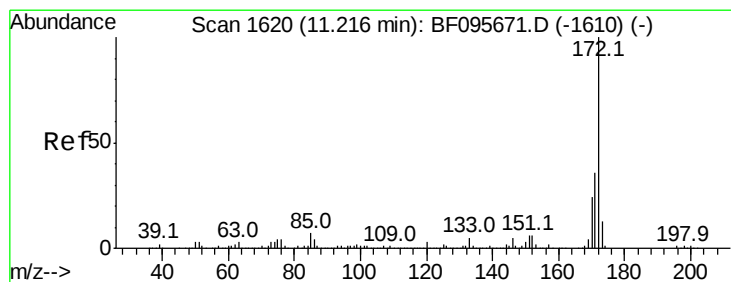
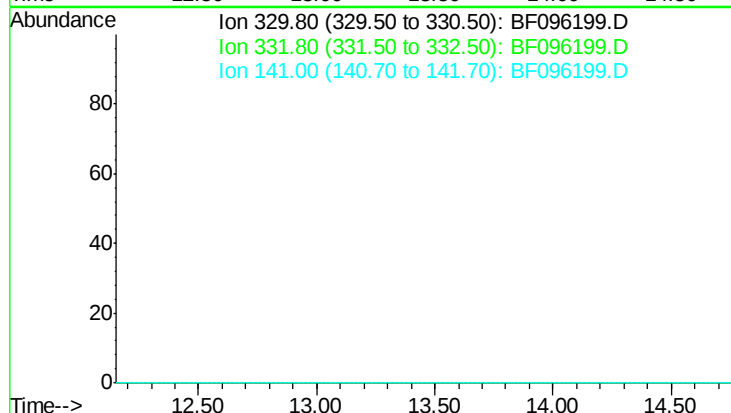
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 13.45 min
 Lab File: BF096199.D
 Acq: 24 Jun 2017 19:58

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

Tot Ion	330	332	141
Exp Ratio	100	95.8	39.3

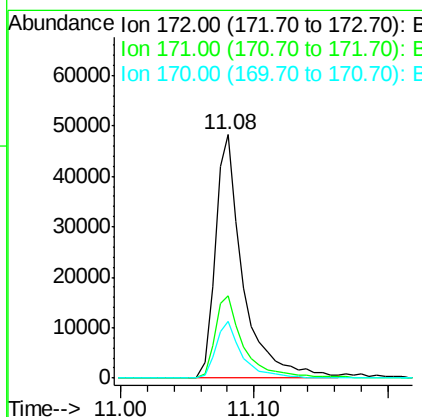
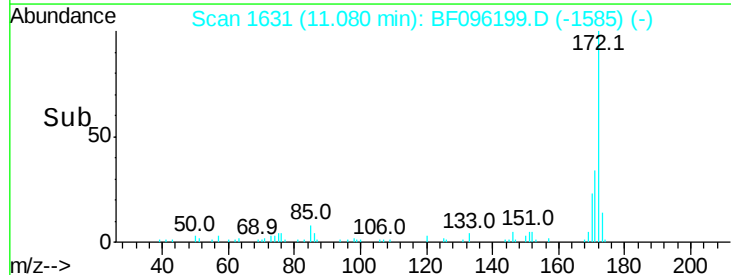
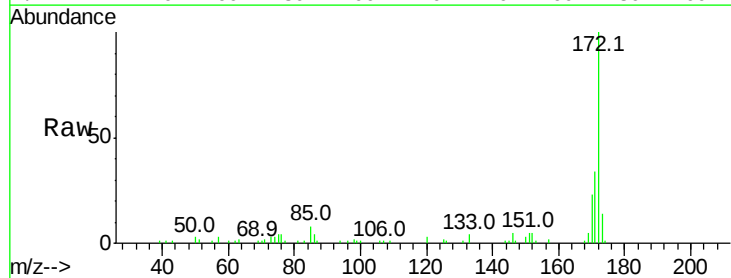
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#44
 2-Fluorobiphenyl
 Concen: 9.86 ng
 RT: 11.08 min Scan# 1631
 Delta R.T. -0.03 min
 Lab File: BF096199.D
 Acq: 24 Jun 2017 19:58

Tgt Ion	172	Resp	Lower	Upper
Ion Ratio	100			
171	33.7	29.6	44.4	
170	23.3	19.8	29.8	





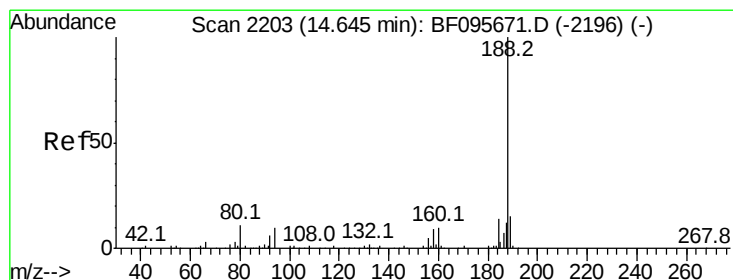
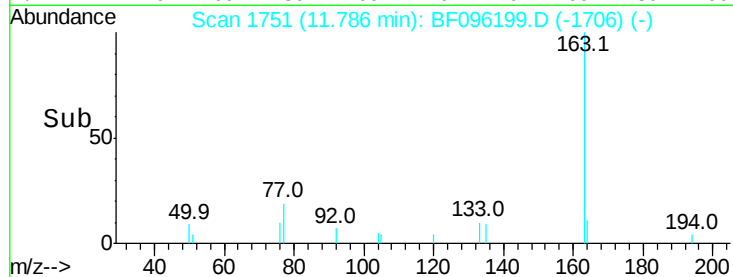
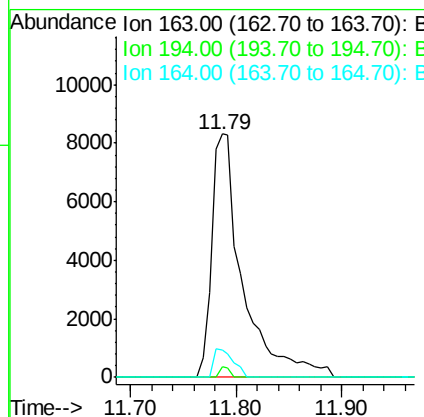
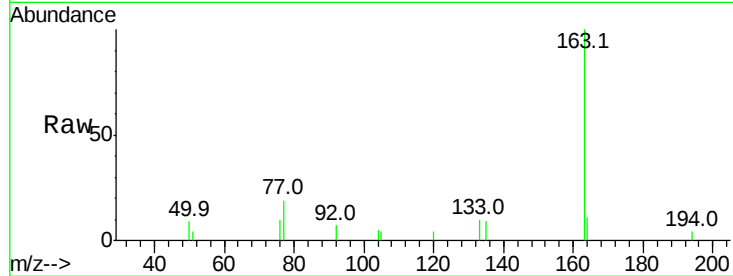
#49
Dimethylphthalate
Concen: 2.27 ng
RT: 11.79 min Scan# 1751
Delta R.T. -0.04 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

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

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.5	2.6	4.0#
164	11.3	8.4	12.6

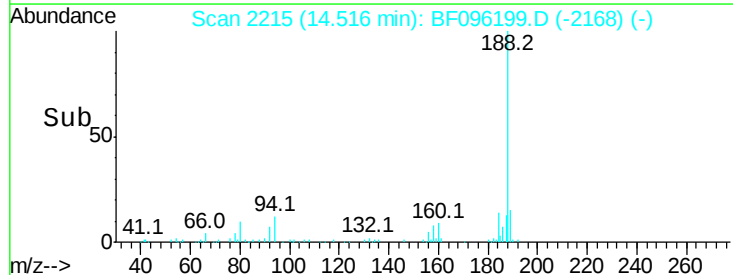
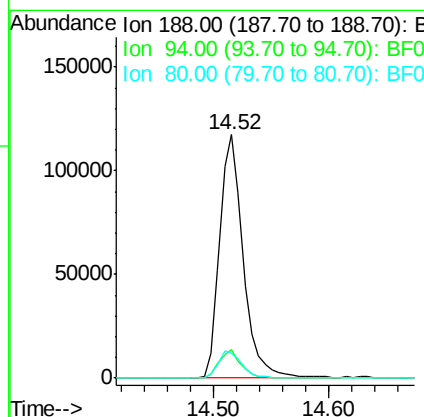
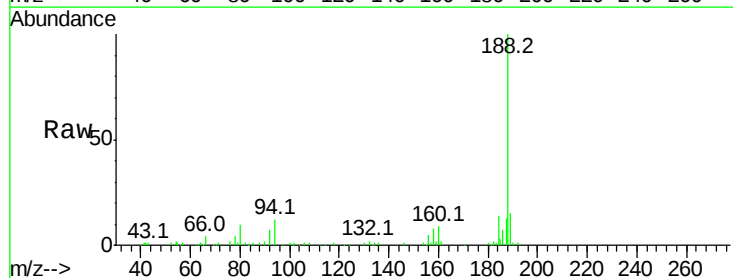
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#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.52 min Scan# 2215
Delta R.T. -0.02 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
188	100		
94	11.7	9.4	14.2
80	10.2	10.2	15.2





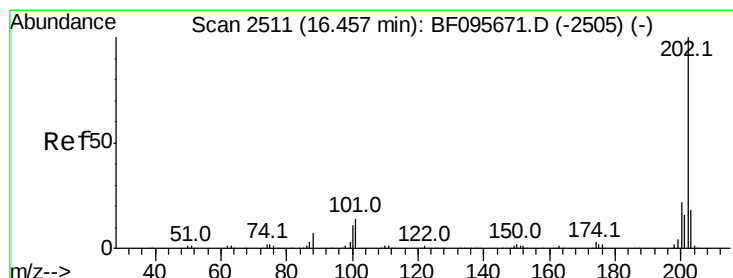
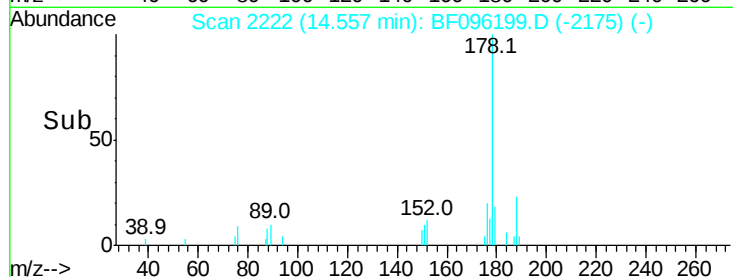
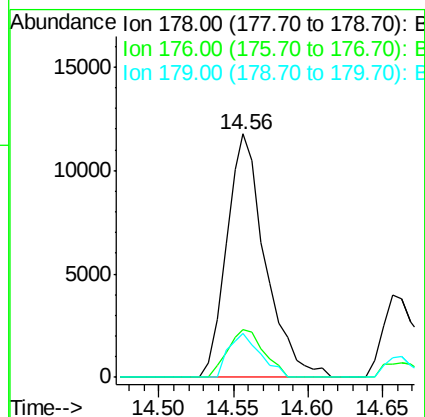
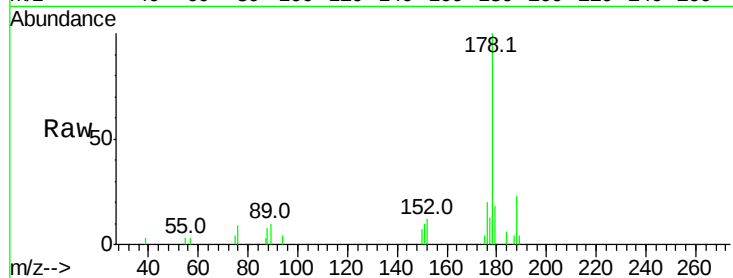
#70
Phenanthrene
Concen: 2.21 ng
RT: 14.56 min Scan# 2222
Delta R.T. -0.02 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

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

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.6	16.2	24.4
179	17.8	12.6	19.0

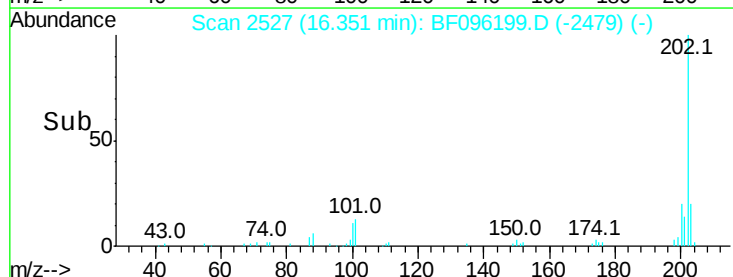
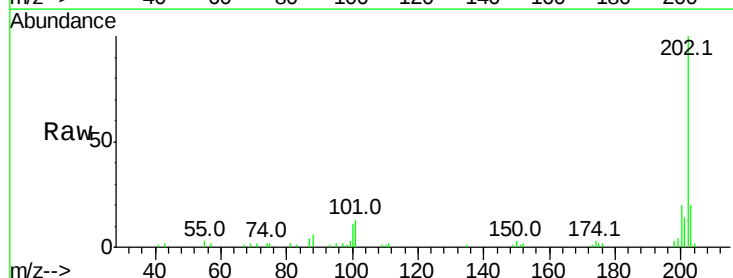
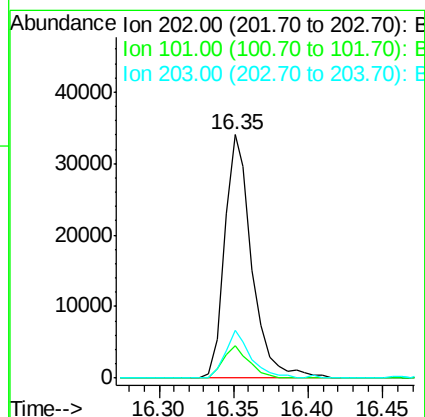
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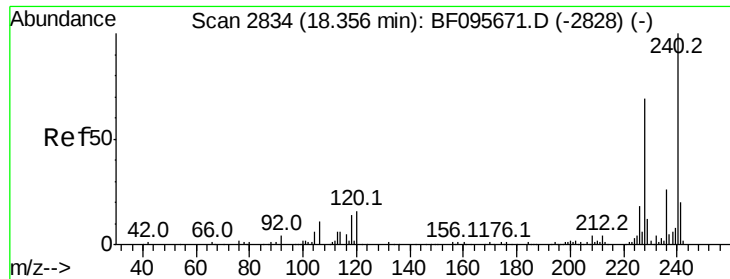
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#74
Fluoranthene
Concen: 4.58 ng
RT: 16.35 min Scan# 2527
Delta R.T. -0.02 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	33.2
203	19.8	0.0	38.1





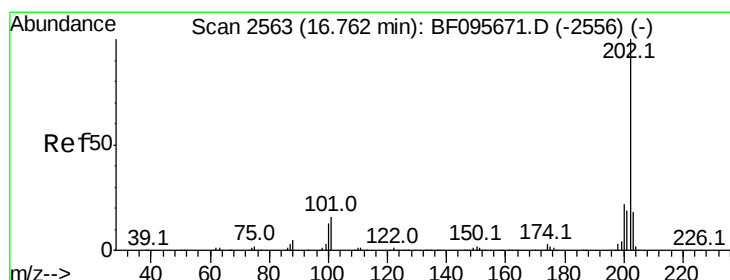
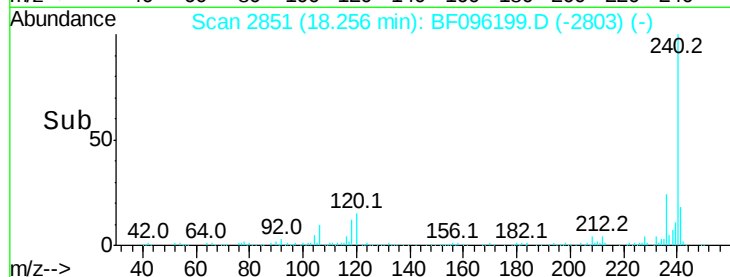
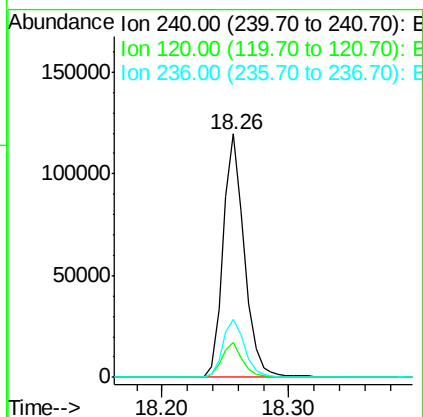
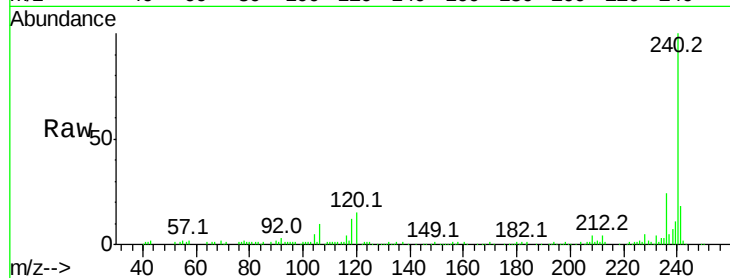
#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.26 min Scan# 2851
Delta R.T. -0.02 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

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

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

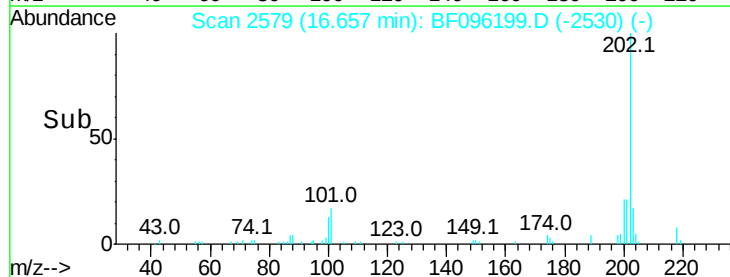
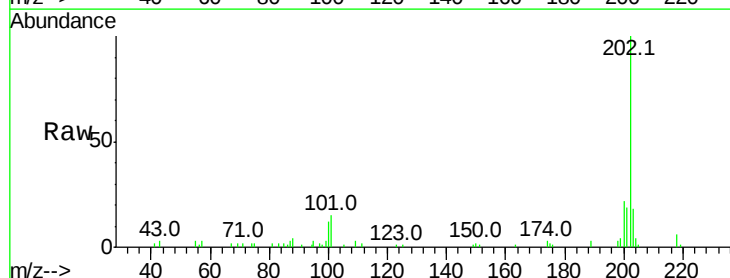
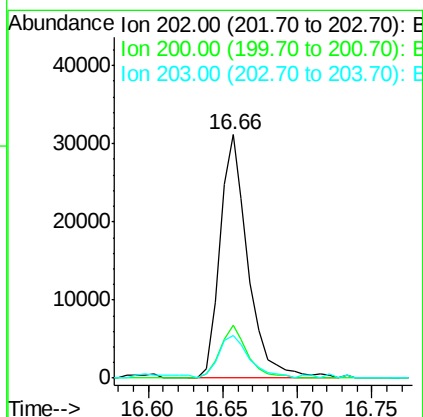
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#77
Pyrene
Concen: 3.96 ng
RT: 16.66 min Scan# 2579
Delta R.T. -0.01 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.6	26.4
203	17.6	14.4	21.6





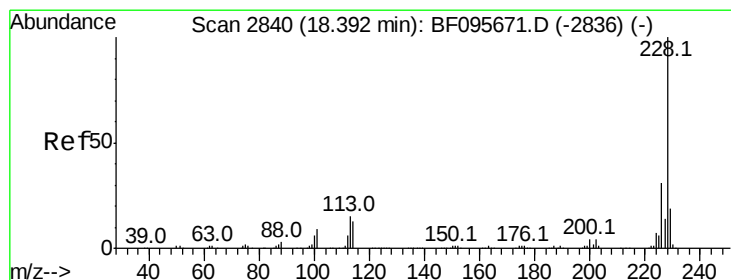
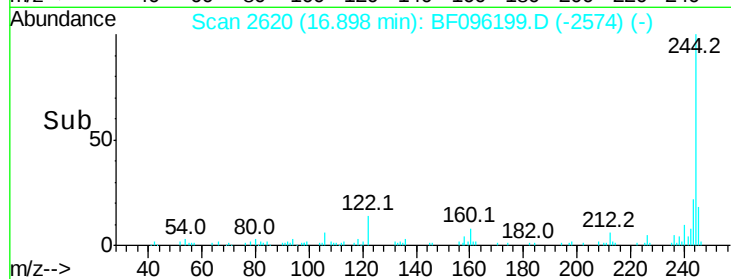
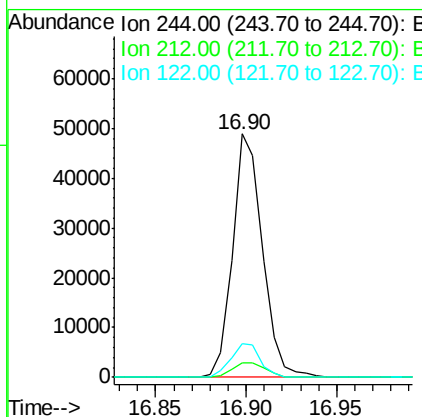
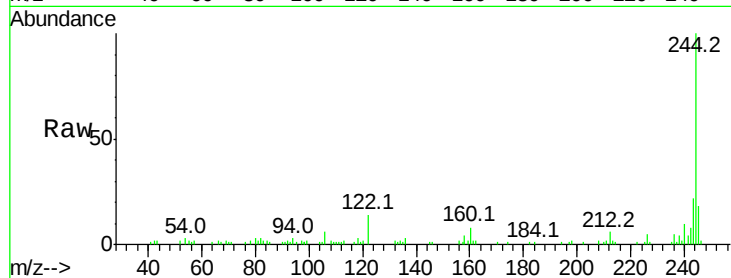
#78
 Terphenyl-d14
 Concen: 10.01 ng
 RT: 16.90 min Scan# 2620
 Delta R.T. -0.03 min
 Lab File: BF096199.D
 Acq: 24 Jun 2017 19:58

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

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.1	6.0	9.0
122	14.0	10.3	15.5

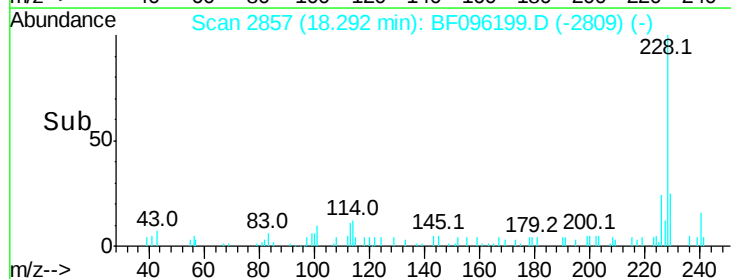
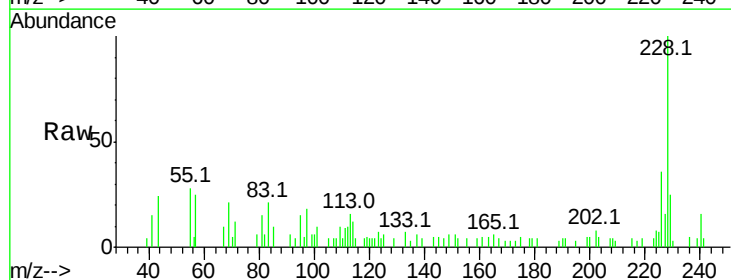
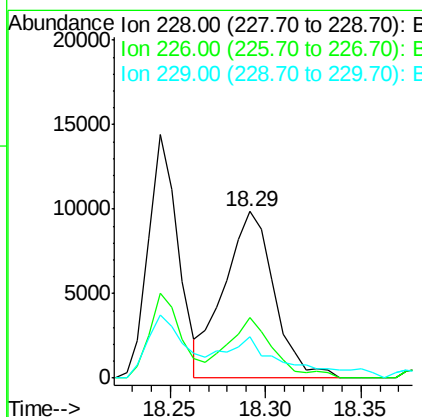
Manual Integrations
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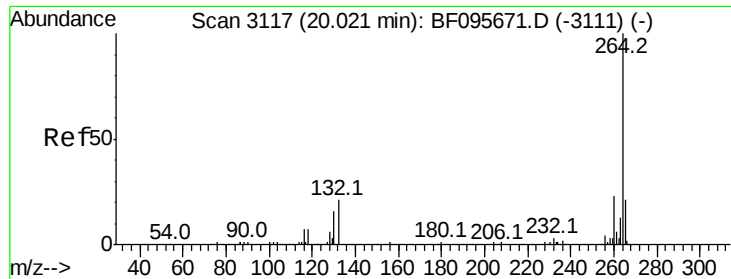
mohammad
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#82
 Chrysene
 Concen: 2.25 ng m
 RT: 18.29 min Scan# 2857
 Delta R.T. -0.02 min
 Lab File: BF096199.D
 Acq: 24 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	36.1	24.9	37.3
229	24.8	15.8	23.6





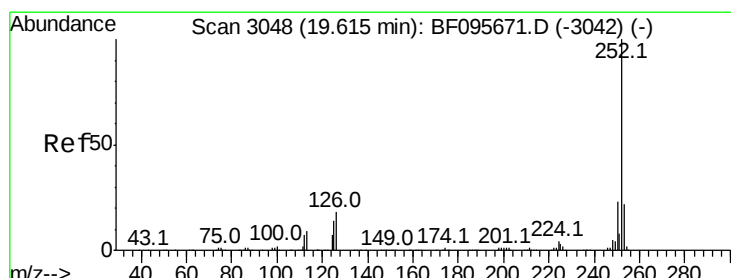
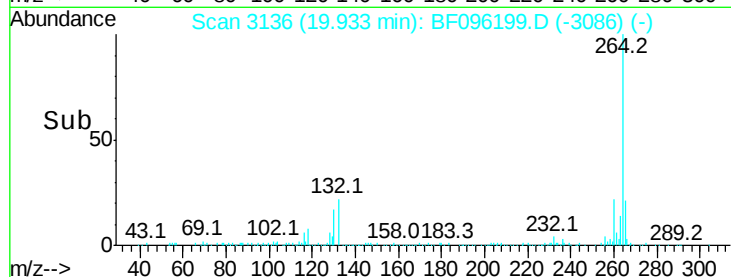
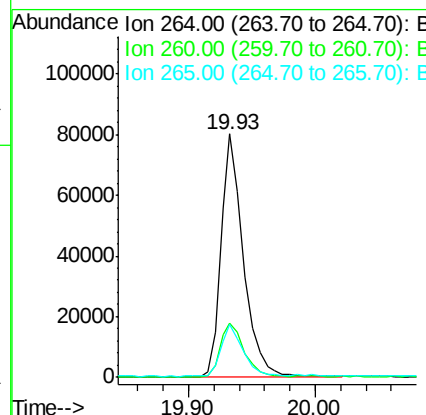
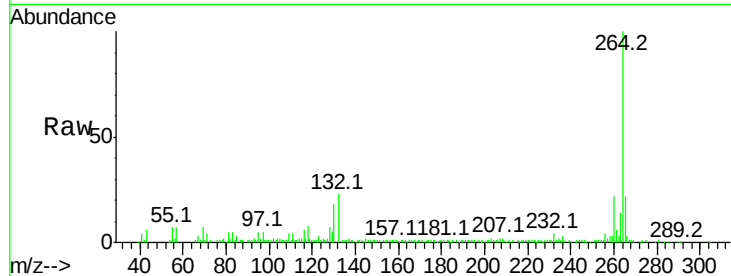
#86
Pervlene-d12
Concen: 20.00 ng
RT: 19.93 min Scan# 3136
Delta R.T. -0.01 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.1	19.5	29.3
265	21.7	17.2	25.8

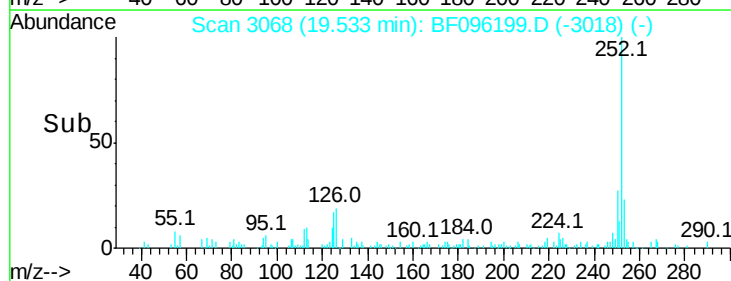
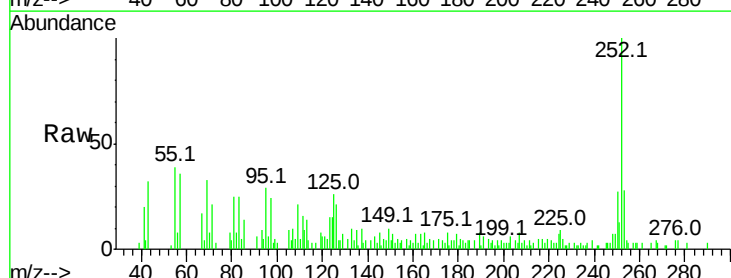
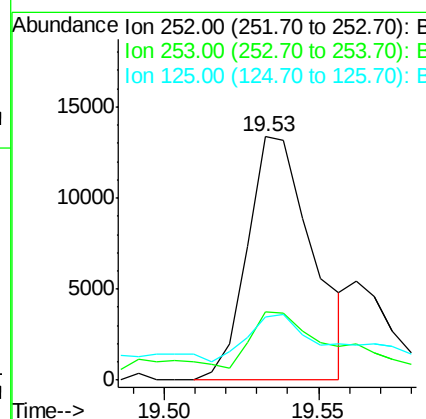
Manual Integrations
APPROVED

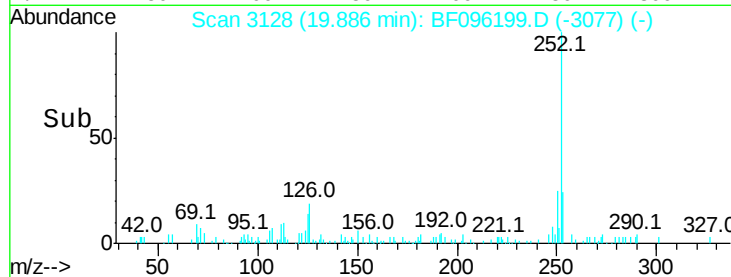
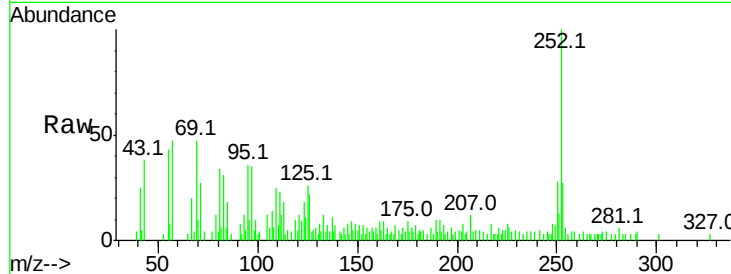
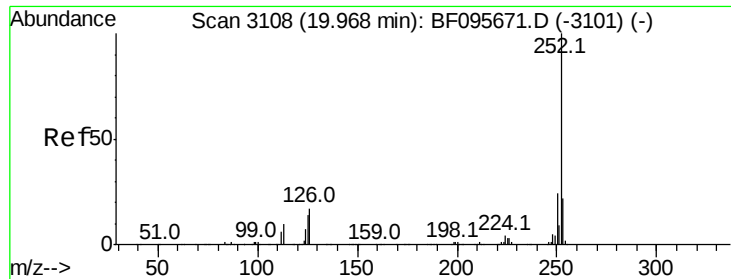
mohammad
6/29/2017 3:45:50 PM



#87
Benzo(b)fluoranthene
Concen: 3.14 ng m
RT: 19.53 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BF096199.D
Acq: 24 Jun 2017 19:58

Tgt Ion	Ratio	Lower	Upper
252	100		
253	28.2	18.1	27.1#
125	25.9	9.8	14.8#





#89

Benzo(a)pyrene

Concen: 2.41 ng

RT: 19.89 min Scan# 3128

Delta R.T. 0.00 min

Lab File: BF096199.D

Acq: 24 Jun 2017 19:58

Instrument :

BNA_F

ClientSampleId :

G-32-0-1.5

Tot Ion:	252	Resp:	13863
Ion Ratio	Lower	Upper	
252	100		
253	26.8	17.5	26.3#
125	26.4	11.0	16.4#

Manual Integrations
APPROVED

mohammad
6/29/2017 3:45:50 PM

