

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096328.D
 Acq On : 30 Jun 2017 11:00
 Operator : SJ/MA
 Sample : I3952-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 23MC-WC-2(COMP)

Manual Integrations
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mohammad
 7/3/2017 11:36:43 AM

Quant Time: Jun 30 17:58:56 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	148352	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	623414	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	262168	20.00	ng	0.00
63) Phenanthrene-d10	11.29	188	436675	20.00	ng	0.00
75) Chrysene-d12	13.92	240	298947	20.00	ng	0.00
86) Perylene-d12	15.34	264	295916	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	689846	66.99	ng	0.00
7) Phenol-d6	6.40	99	970064	77.80	ng	0.00
23) Nitrobenzene-d5	7.33	82	511972	56.85	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	231993	112.44	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	772693	53.98	ng	-0.02
78) Terphenyl-d14	12.87	244	620245	51.77	ng	0.00
Target Compounds						Qvalue
32) Benzoic acid	7.76	122	36034	13.29	ng	91
49) Dimethylphthalate	9.52	163	226039	12.05	ng	99
74) Fluoranthene	12.50	202	209223	8.63	ng	100
77) Pyrene	12.72	202	188348	7.67	ng	98
80) Benzo(a)anthracene	13.90	228	73484	4.03	ng	99
82) Chrysene	13.94	228	72263m	3.83	ng	
85) Indeno(1,2,3-cd)pyrene	16.73	276	47153	3.01	ng	98
87) Benzo(b)fluoranthene	14.93	252	87122m	4.48	ng	
89) Benzo(a)pyrene	15.28	252	65250	3.80	ng	# 85
91) Benzo(g,h,i)perylene	17.15	276	48781	3.49	ng	# 89

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

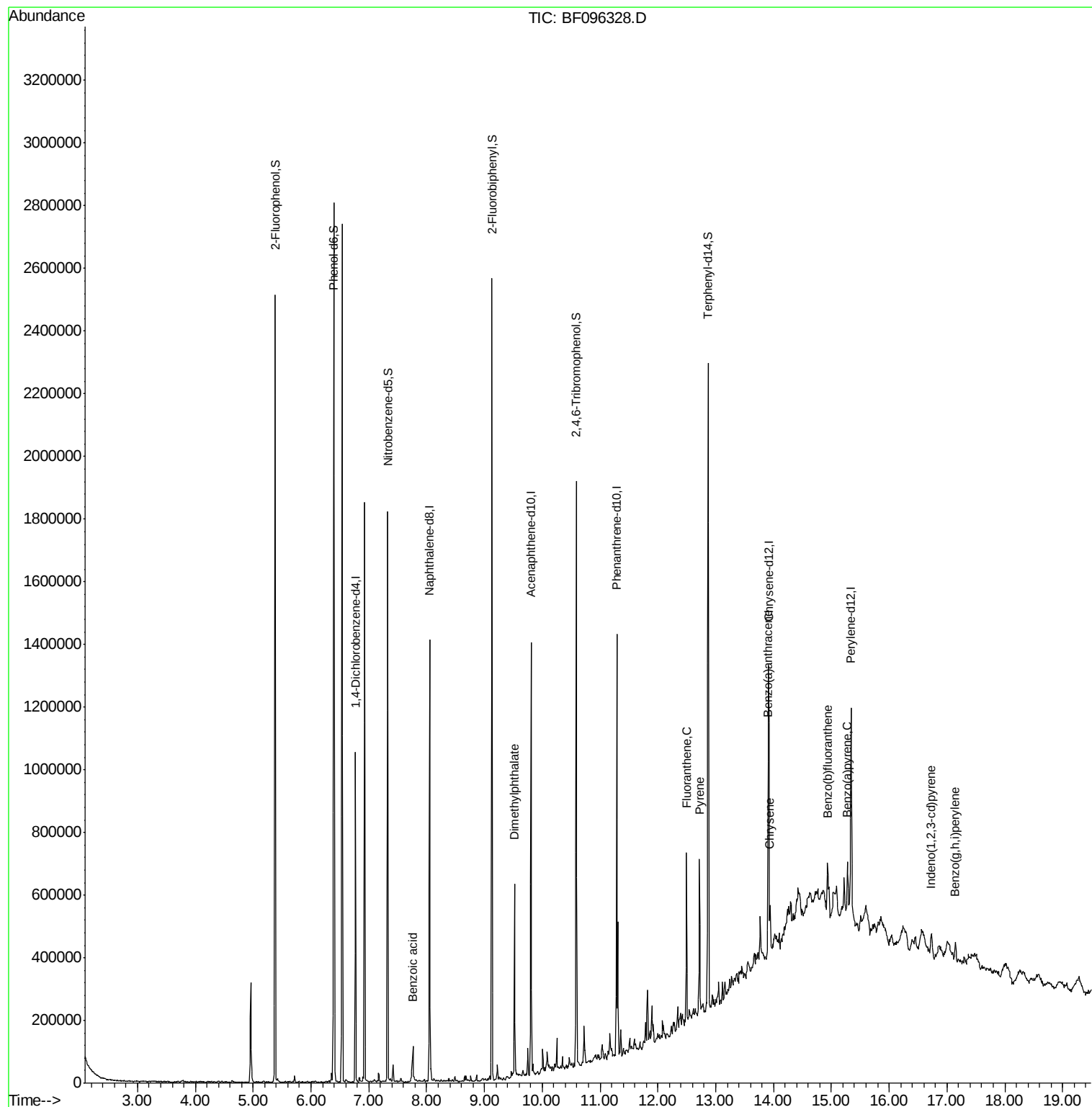
Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
Data File : BF096328.D
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Sample : I3952-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

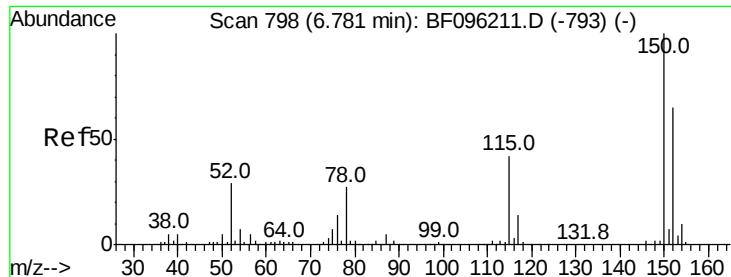
Instrument :
BNA_F
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23MC-WC-2(COMP)

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#1

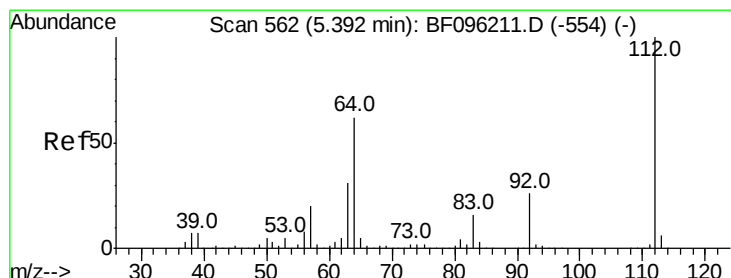
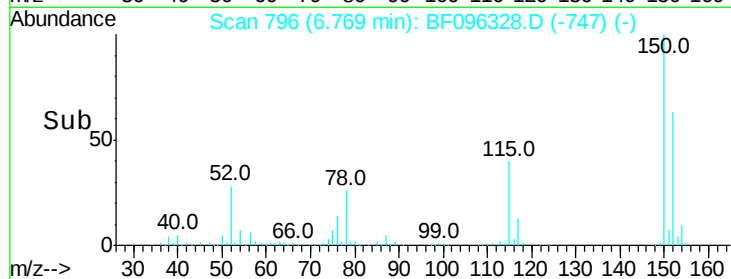
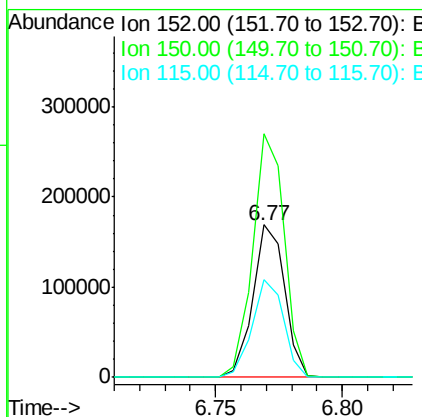
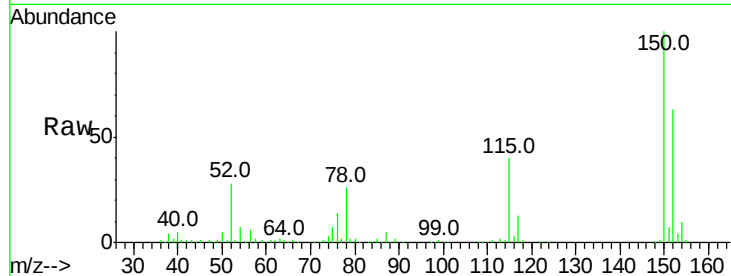
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Instrument :
BNA_F
ClientSampleId :
23MC-WC-2(COMP)

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	126.2	189.2
115	64.1	52.2	78.2

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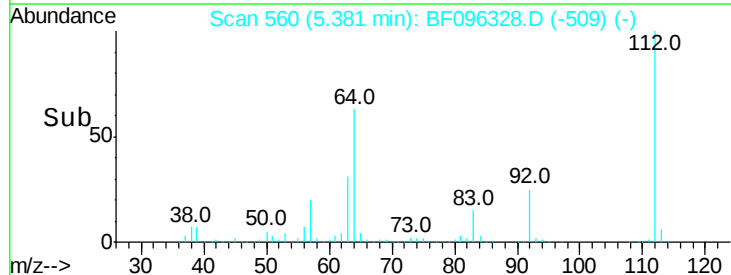
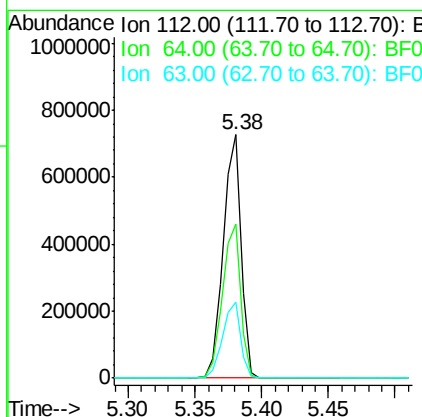
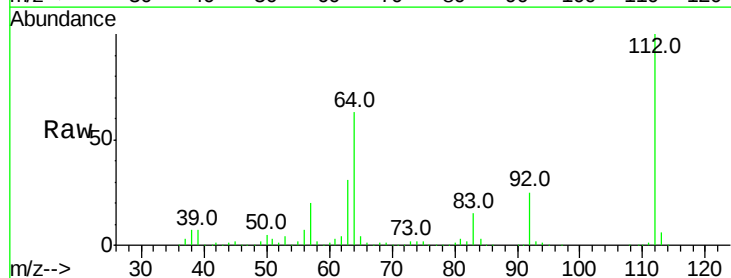
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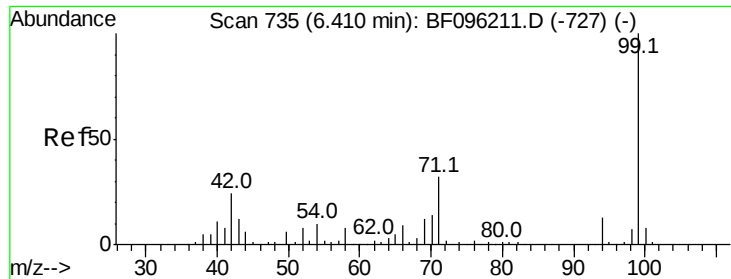


#5

2-Fluorophenol
Concen: 66.99 ng
RT: 5.38 min Scan# 560
Delta R.T. 0.00 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.0	46.0	69.0
63	31.2	23.4	35.0





#7

Phenol-d6

Concen: 77.80 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

Lab File: BF096328.D

Acq: 30 Jun 2017 11:00

Instrument :

BNA_F

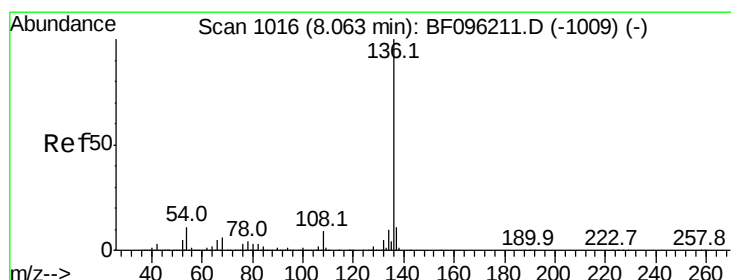
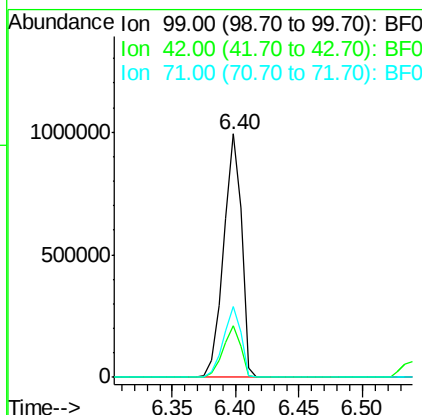
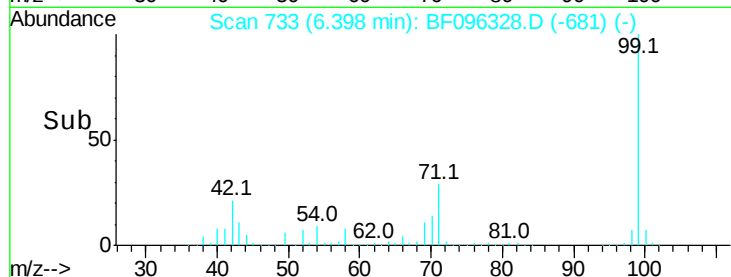
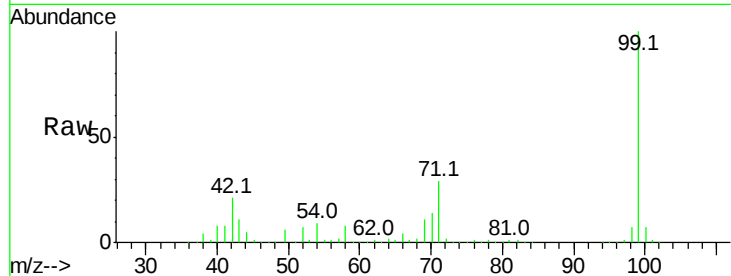
ClientSampleId :

23MC-WC-2(COMP)

Tot Ion	99	Resp	970064
Ion Ratio	Lower	Upper	
99	100		
42	21.3	13.5	20.3#
71	29.0	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.00 ng

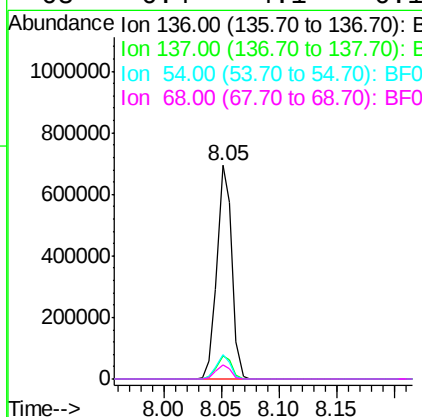
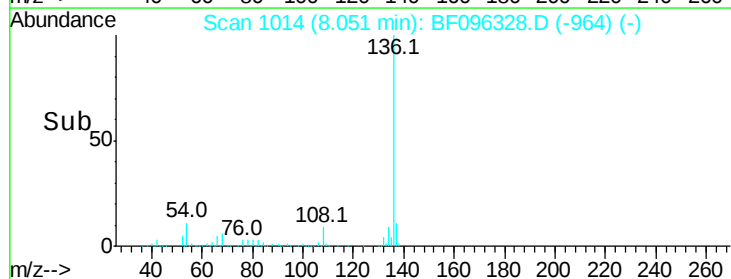
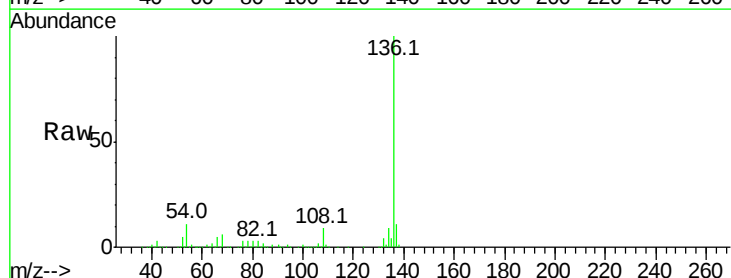
RT: 8.05 min Scan# 1014

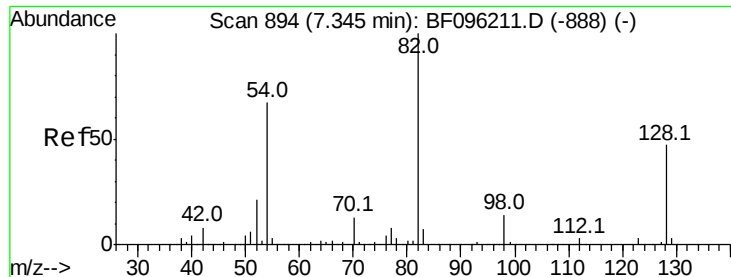
Delta R.T. -0.01 min

Lab File: BF096328.D

Acq: 30 Jun 2017 11:00

Tgt Ion	136	Resp	623414
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	11.4	4.9	7.3#
68	6.4	4.1	6.1#





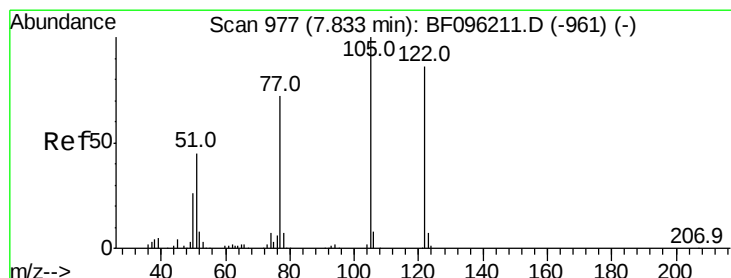
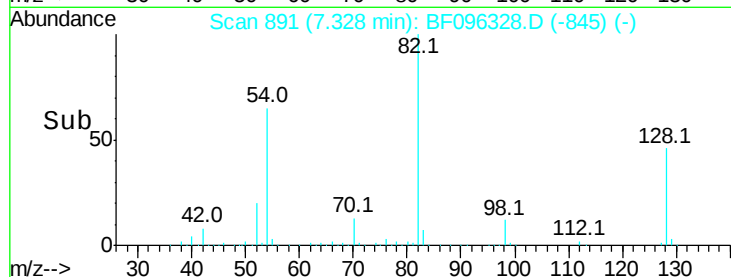
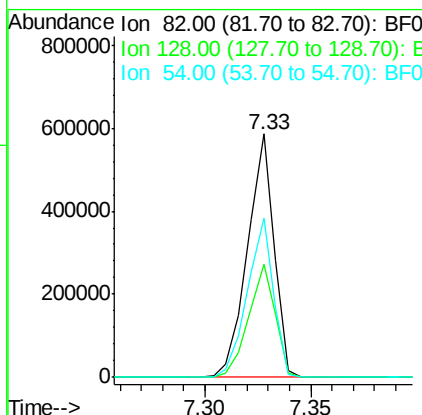
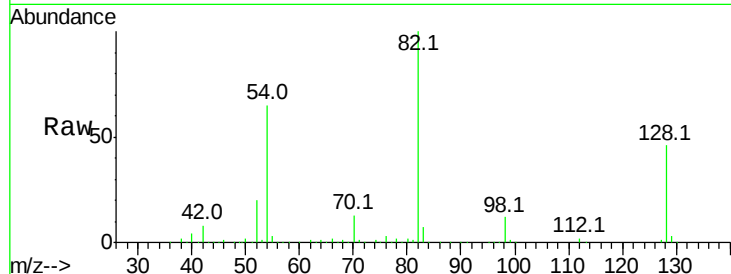
#23
Nitrobenzene-d5
Concen: 56.85 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Instrument :
BNA_F
ClientSampleId :
23MC-WC-2(COMP)

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	46.4	34.0	51.0	
54	65.3	42.2	63.2	

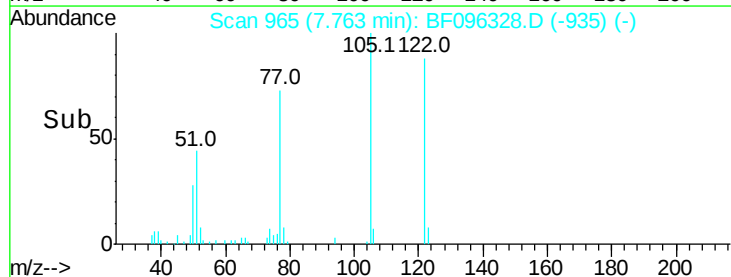
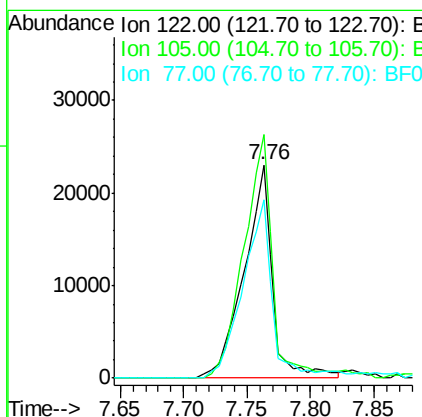
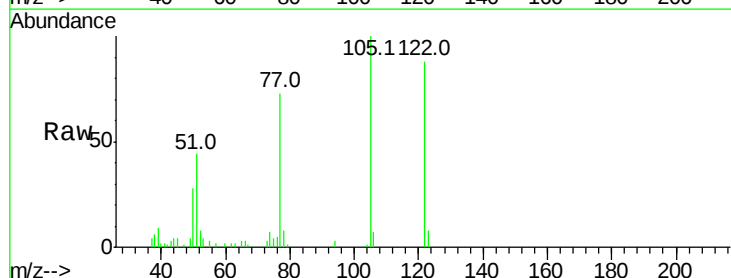
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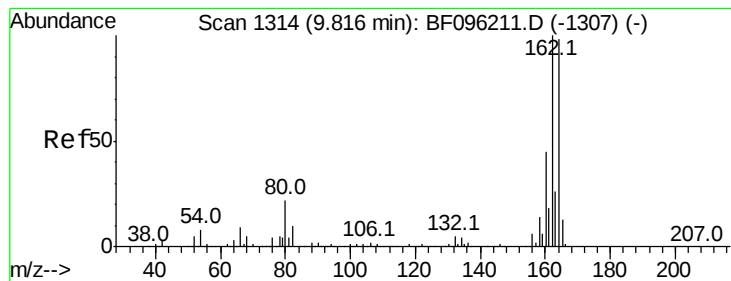
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#32
Benzoic acid
Concen: 13.29 ng
RT: 7.76 min Scan# 965
Delta R.T. -0.12 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	114.0	103.3	143.3	
77	83.5	73.7	113.7	





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.01 min

Lab File: BF096328.D

Acq: 30 Jun 2017 11:00

Instrument :

BNA_F

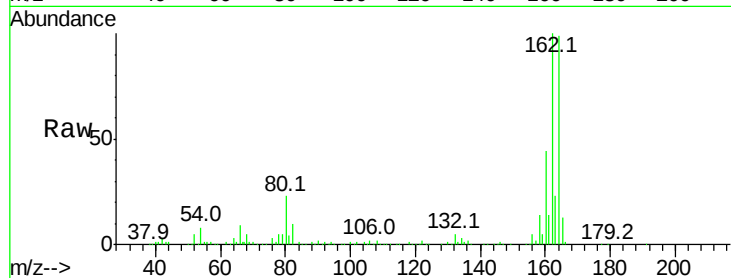
ClientSampleId :

23MC-WC-2(COMP)

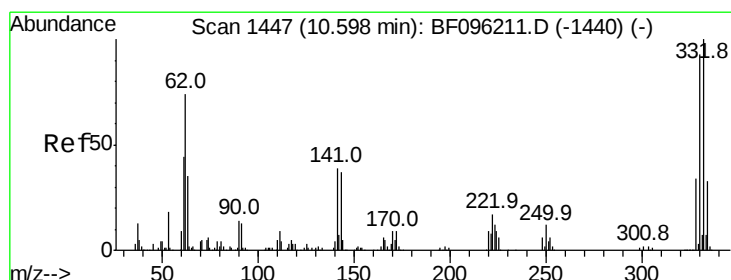
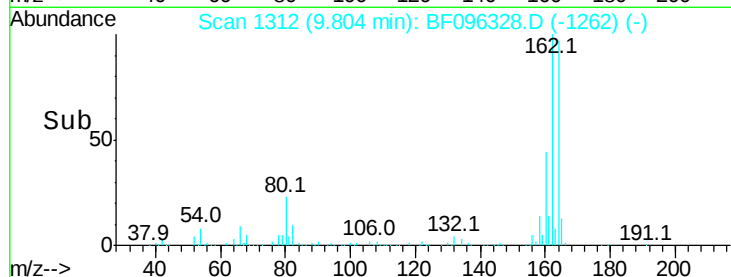
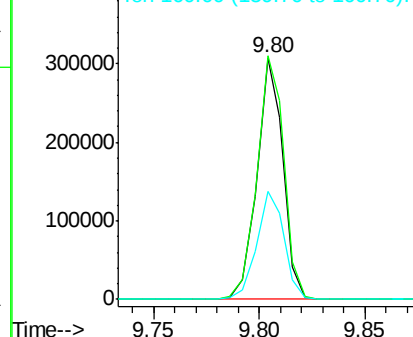
Tot Ion:	164	Resp:	262168
Ion Ratio	Lower	Upper	
164	100		
162	101.0	82.6	123.8
160	44.7	36.2	54.2

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Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 112.44 ng

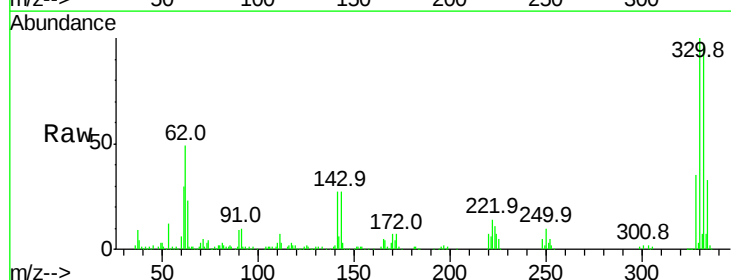
RT: 10.59 min Scan# 1446

Delta R.T. -0.00 min

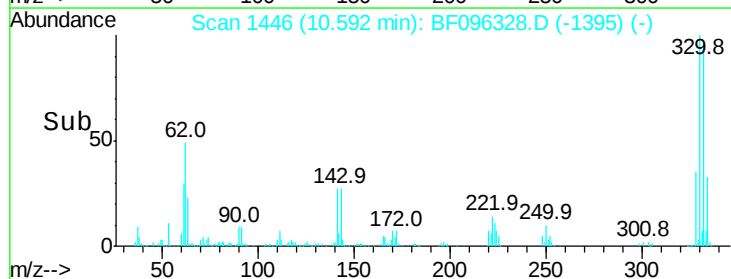
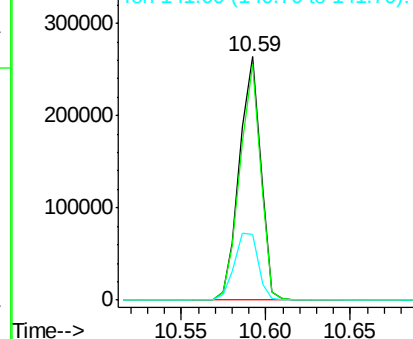
Lab File: BF096328.D

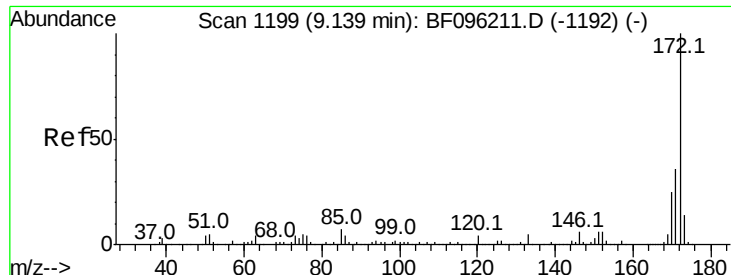
Acq: 30 Jun 2017 11:00

Tgt Ion:	330	Resp:	231993
Ion Ratio	Lower	Upper	
330	100		
332	94.8	76.6	115.0
141	30.3	31.4	47.2#



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





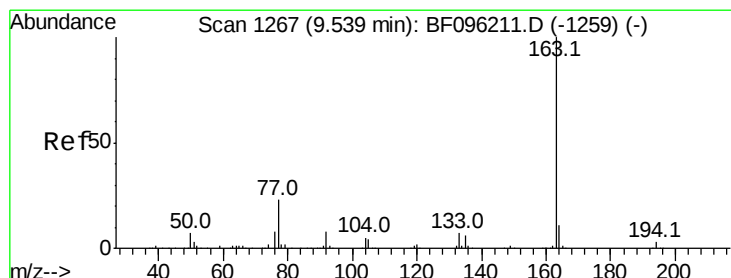
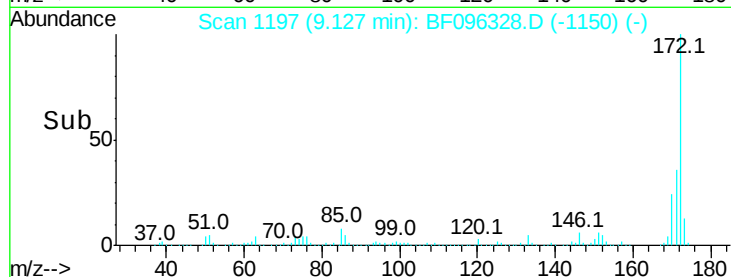
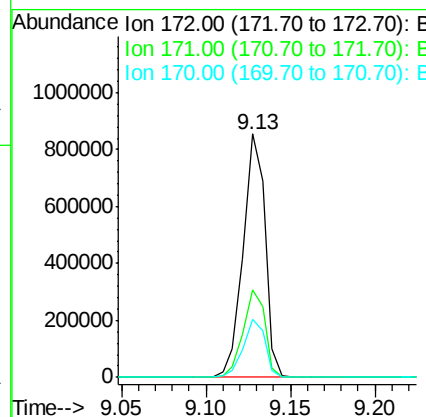
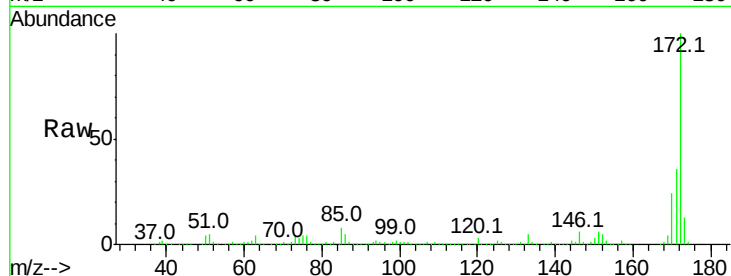
#44
2-Fluorobiphenyl
Concen: 53.98 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Instrument :
BNA_F
ClientSampleId :
23MC-WC-2(COMP)

Tot Ion	Ratio	Resp	Lower	Upper
172	100			
171	35.8	29.6	44.4	
170	24.1	19.8	29.8	

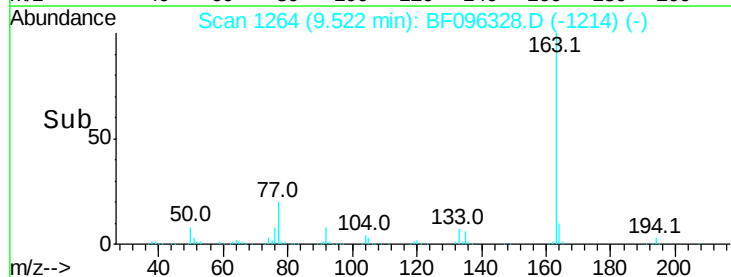
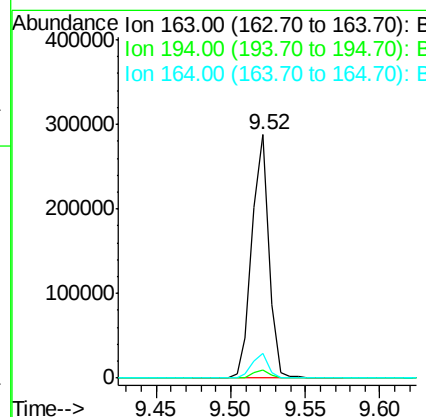
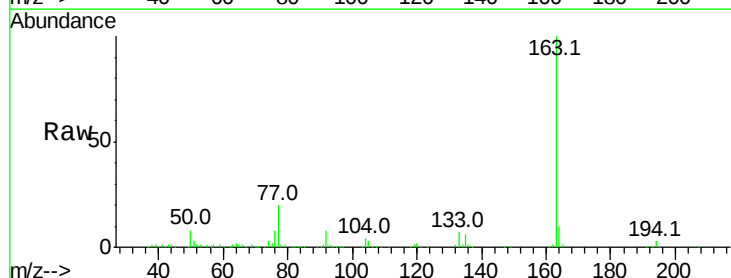
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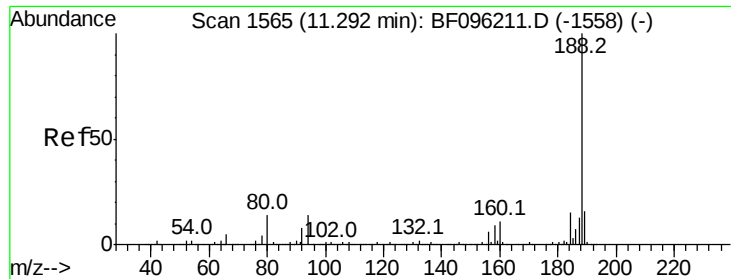
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#49
Dimethylphthalate
Concen: 12.05 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	10.2	8.4	12.6	





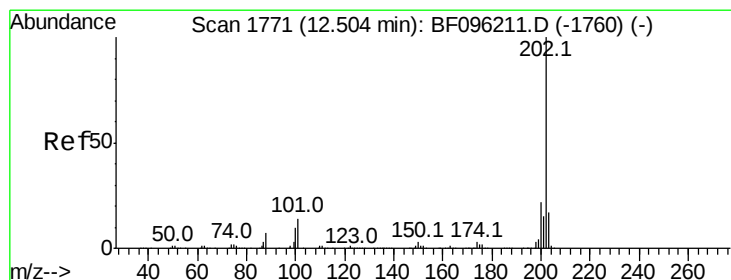
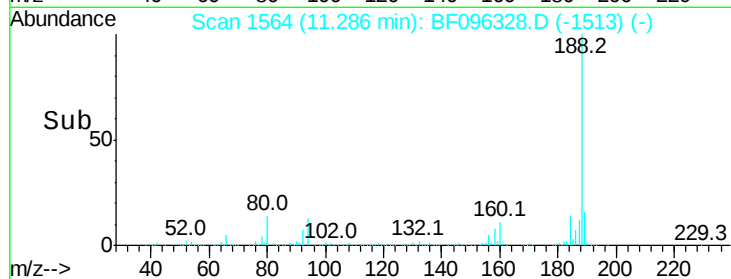
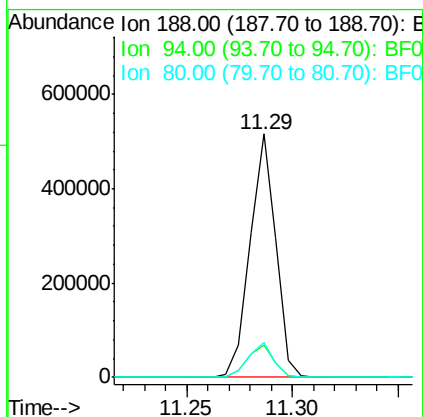
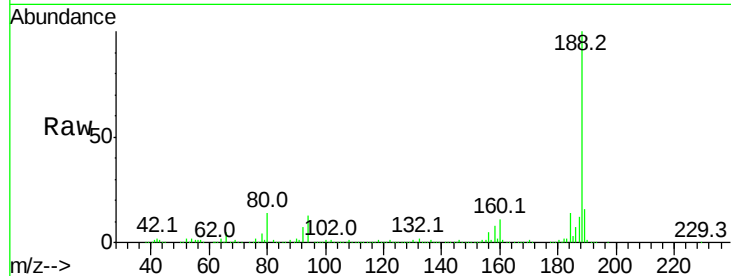
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.29 min Scan# 1564
Delta R.T. -0.00 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Instrument :
BNA_F
ClientSampleId :
23MC-WC-2(COMP)

Tot Ion	Ratio	Resp	Lower	Upper
188	100			
94	13.3	9.4	14.2	
80	14.1	10.2	15.2	

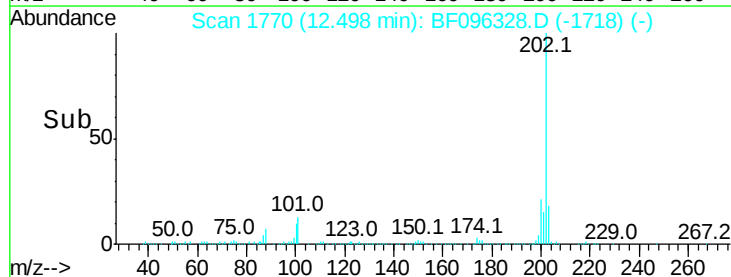
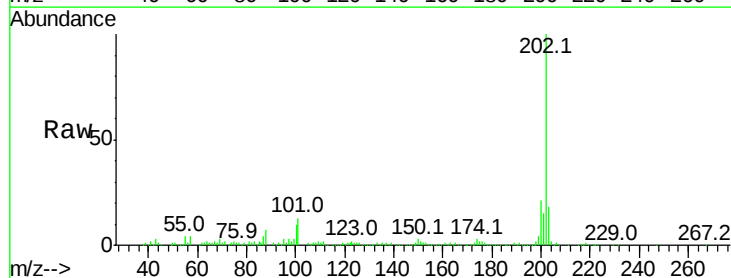
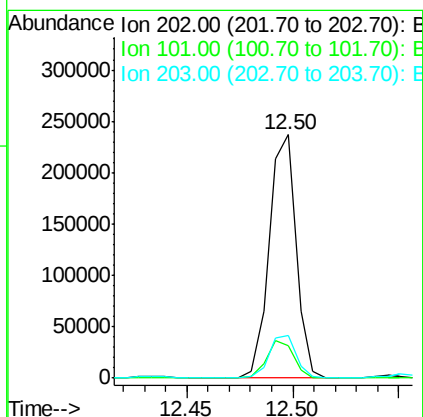
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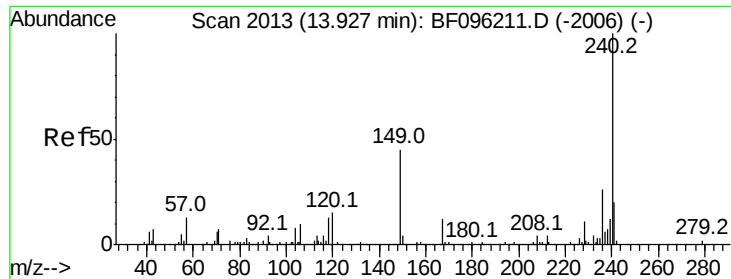
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#74
Fluoranthene
Concen: 8.63 ng
RT: 12.50 min Scan# 1770
Delta R.T. 0.01 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Resp	Lower	Upper
202	100			
101	13.2	0.0	33.2	
203	17.8	0.0	38.1	





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096328.D

Acq: 30 Jun 2017 11:00

Instrument :

BNA_F

ClientSampleId :

23MC-WC-2(COMP)

Tot Ion:240 Resp: 298947

Ion Ratio Lower Upper

240 100

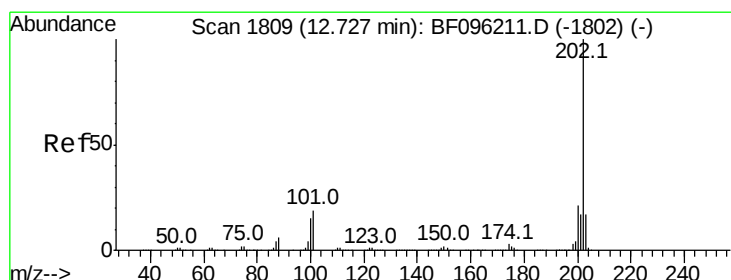
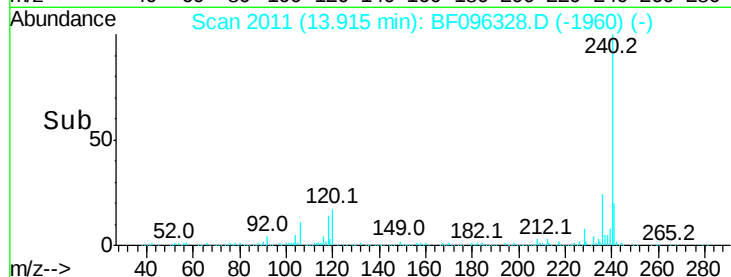
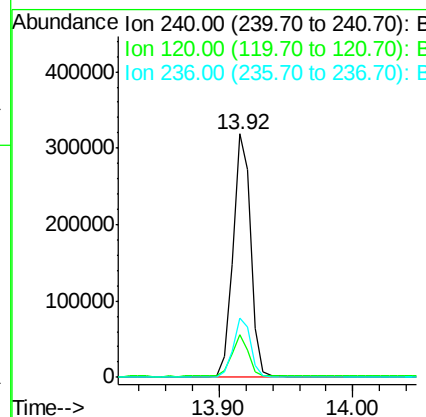
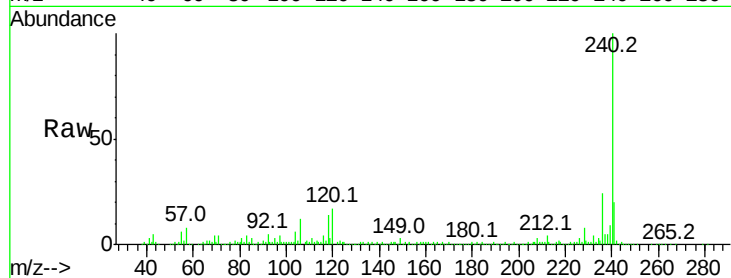
120 17.5 5.8 8.8#

236 24.4 20.5 30.7

Manual Integrations
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#77

Pyrene

Concen: 7.67 ng

RT: 12.72 min Scan# 1808

Delta R.T. -0.00 min

Lab File: BF096328.D

Acq: 30 Jun 2017 11:00

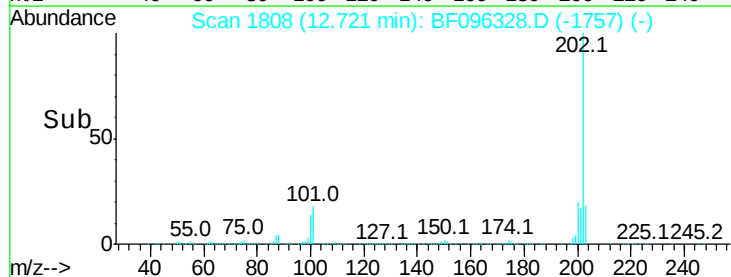
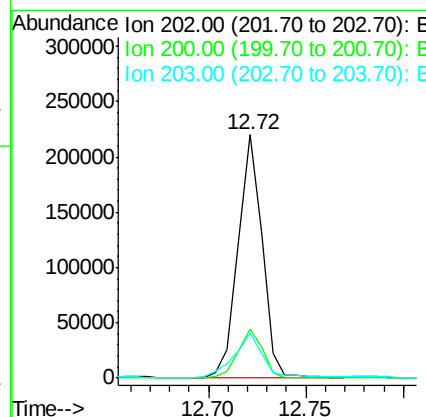
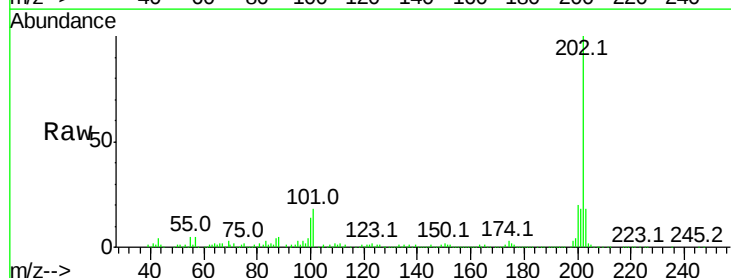
Tgt Ion:202 Resp: 188348

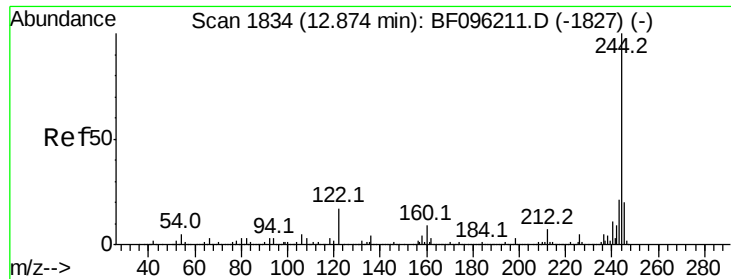
Ion Ratio Lower Upper

202 100

200 20.3 17.6 26.4

203 18.4 14.4 21.6





#78

Terphenyl-d14

Concen: 51.77 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096328.D

Acq: 30 Jun 2017 11:00

Instrument :

BNA_F

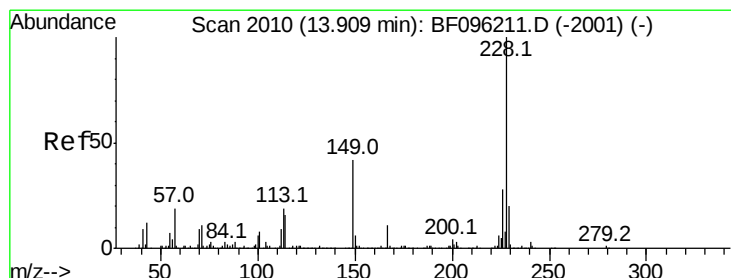
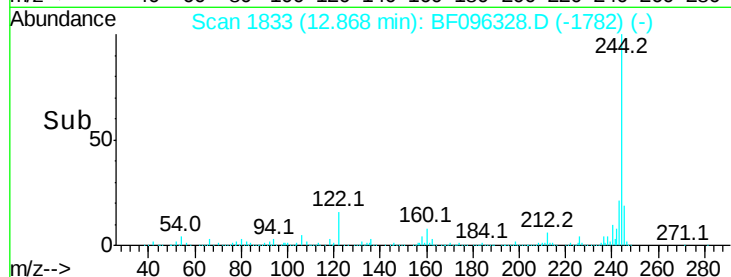
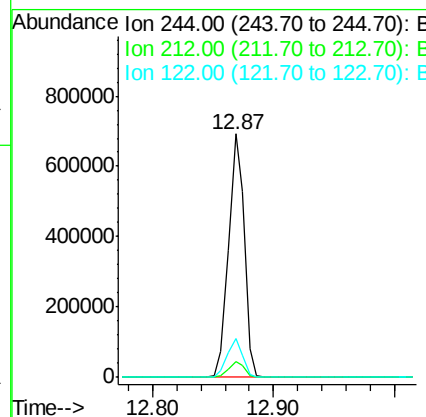
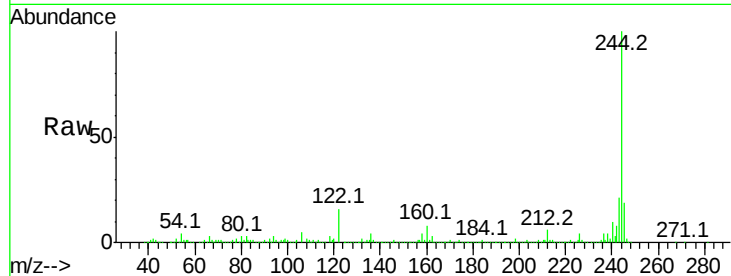
ClientSampleId :

23MC-WC-2(COMP)

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.2	6.0	9.0
122	16.0	10.3	15.5#

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#80

Benzo(a)anthracene

Concen: 4.03 ng

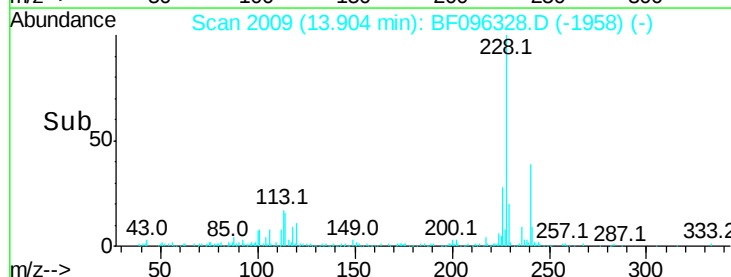
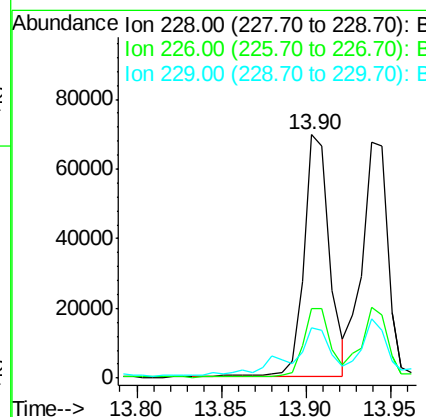
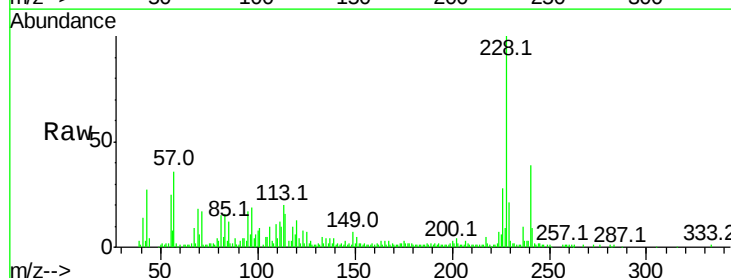
RT: 13.90 min Scan# 2009

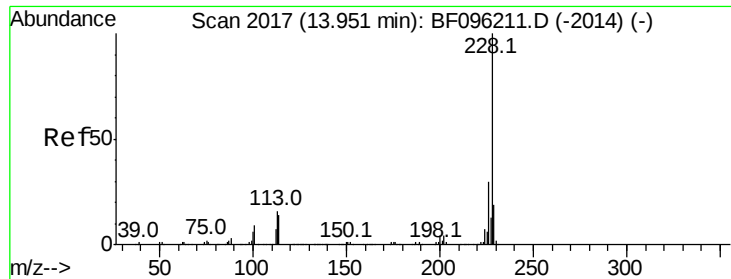
Delta R.T. -0.00 min

Lab File: BF096328.D

Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.6	33.8
229	20.8	16.3	24.5





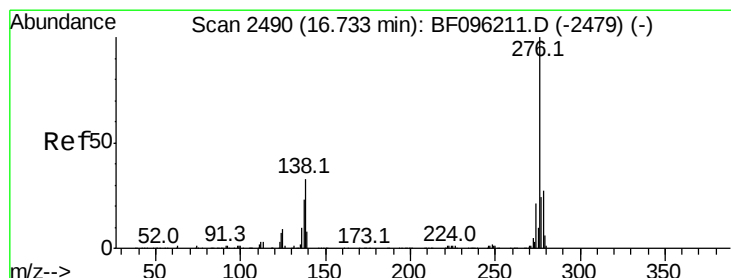
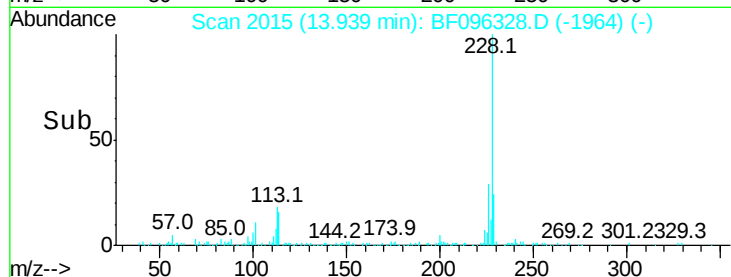
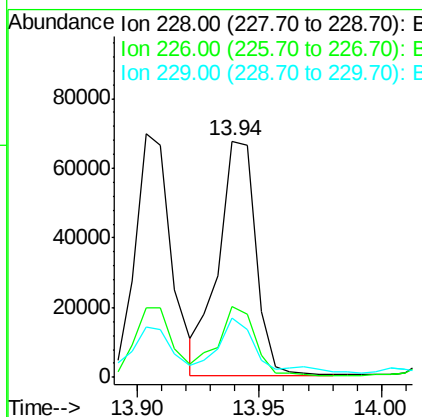
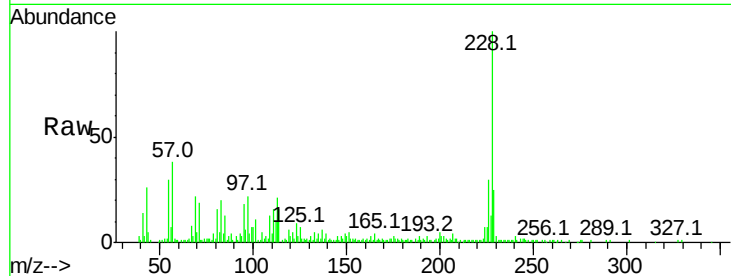
#82
Chrysene
Concen: 3.83 ng/ml
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Instrument :
BNA_F
ClientSampleId :
23MC-WC-2(COMP)

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.9	37.3
229	25.2	15.8	23.6

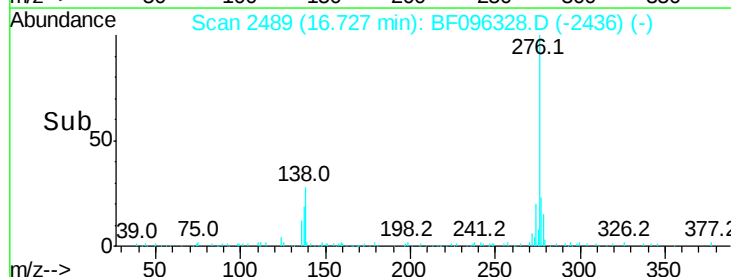
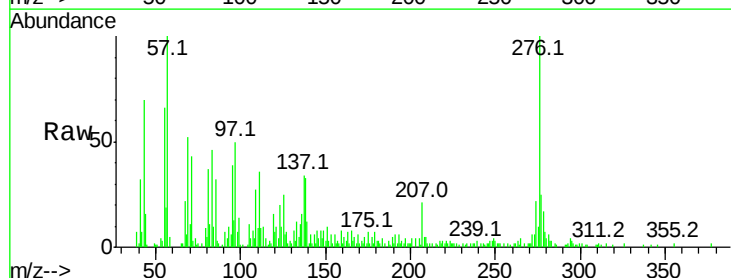
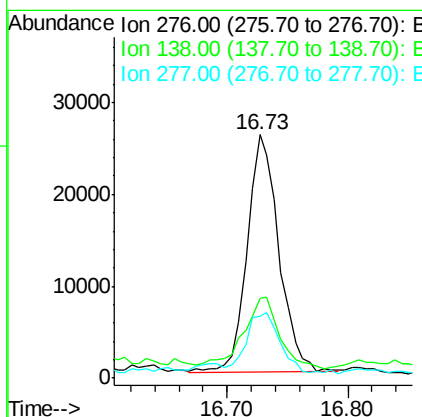
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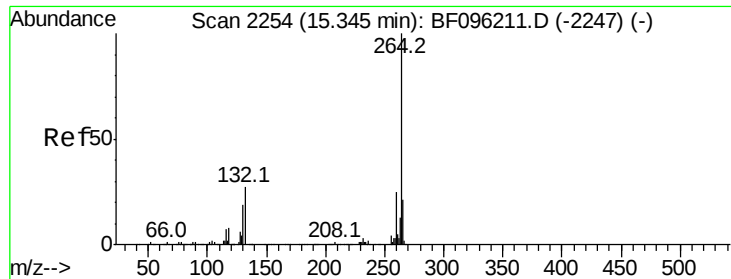
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#85
Indeno(1,2,3-cd)pyrene
Concen: 3.01 ng
RT: 16.73 min Scan# 2489
Delta R.T. 0.01 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Lower	Upper
276	100		
138	36.2	27.8	41.6
277	25.8	20.2	30.4





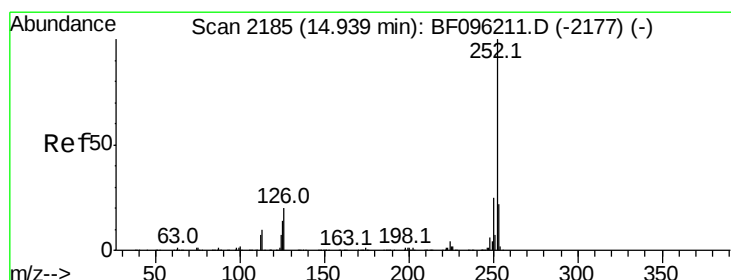
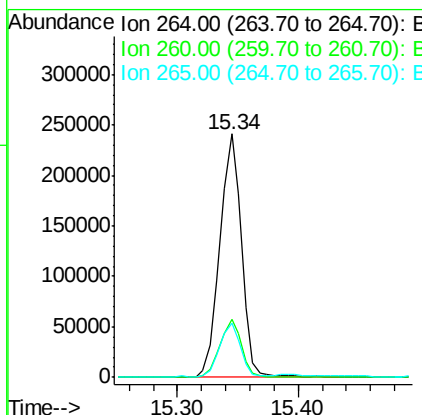
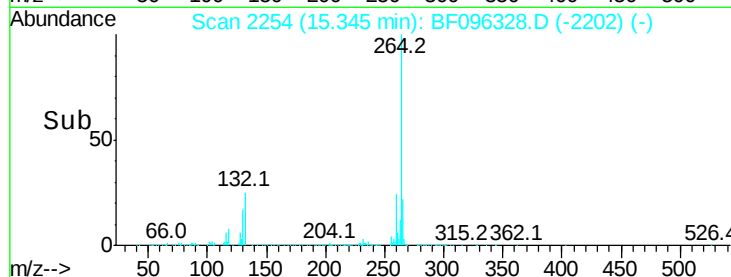
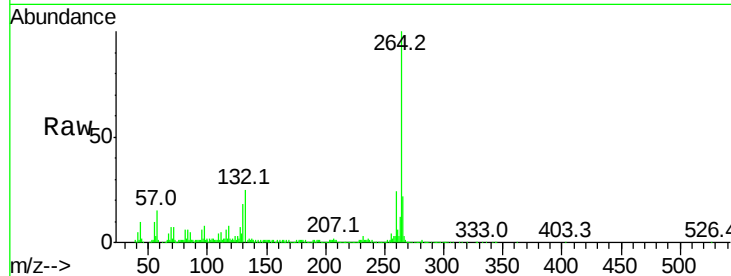
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2254
Delta R.T. 0.01 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Instrument :
BNA_F
ClientSampleId :
23MC-WC-2(COMP)

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.0	17.2	25.8

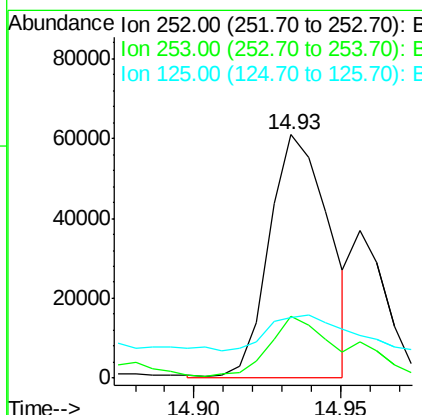
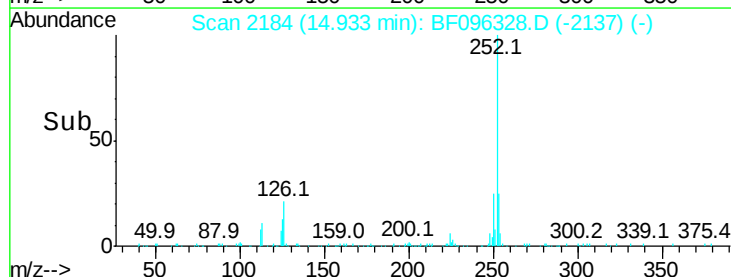
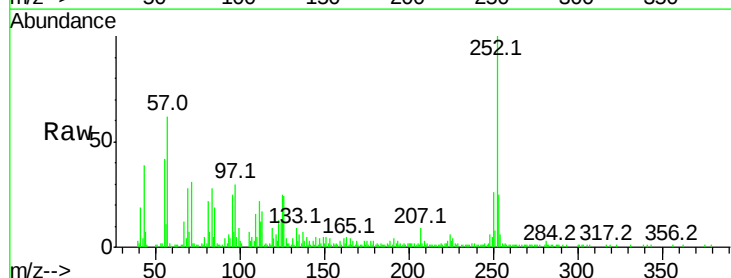
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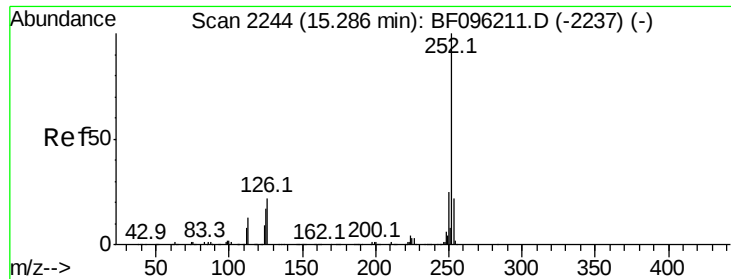
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#87
Benzo(b)fluoranthene
Concen: 4.48 ng m
RT: 14.93 min Scan# 2184
Delta R.T. -0.02 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.4	18.1	27.1
125	24.9	9.8	14.8





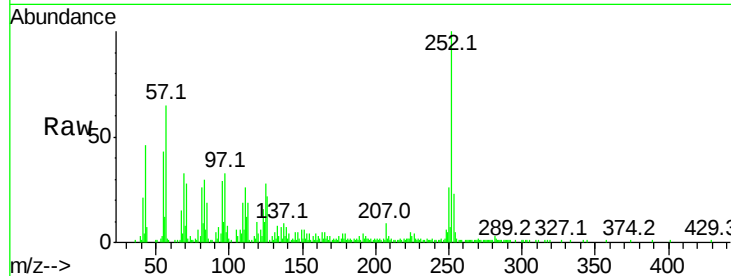
#89
Benzo(a)pyrene
Concen: 3.80 ng
RT: 15.28 min Scan# 2243
Delta R.T. 0.01 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Instrument :
BNA_F
ClientSampleId :
23MC-WC-2(COMP)

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.4	17.5	26.3
125	27.8	11.0	16.4

Manual Integrations
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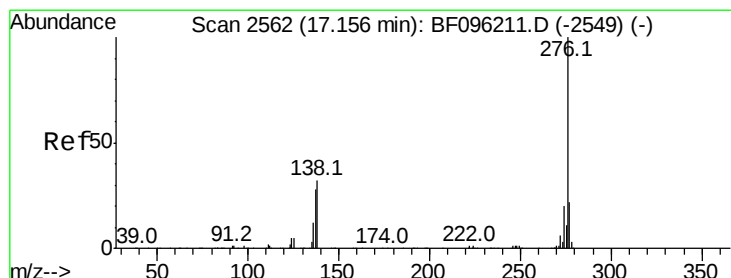
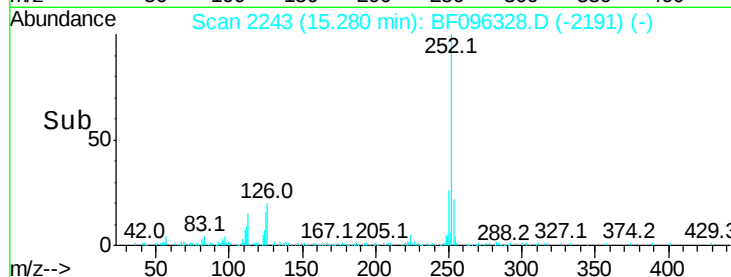
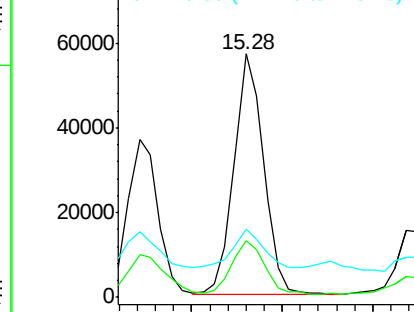


Abundance

Ion 252.00 (251.70 to 252.70): E

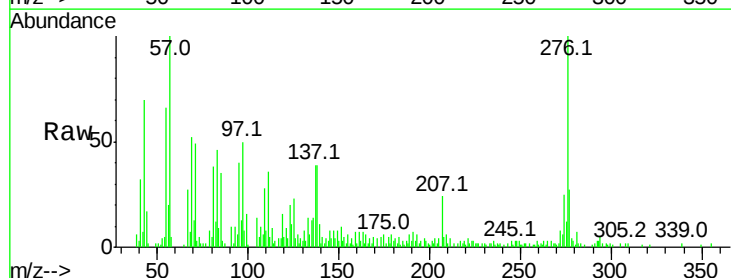
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91
Benzo(g,h,i)perylene
Concen: 3.49 ng
RT: 17.15 min Scan# 2561
Delta R.T. 0.02 min
Lab File: BF096328.D
Acq: 30 Jun 2017 11:00

Tgt Ion	Ratio	Lower	Upper
276	100		
277	27.0	18.6	28.0
138	38.8	25.4	38.0



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

