

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097902.D
 Acq On : 21 Aug 2017 13:13
 Operator : SJ/JU
 Sample : I4849-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-002

Manual Integrations
 APPROVED

Sohil
 8/22/2017 5:43:47 PM

Quant Time: Aug 22 01:49:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	150922	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	589782	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	250632	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	404270	20.00	ng	0.00
75) Chrysene-d12	13.89	240	309117	20.00	ng	0.00
86) Perylene-d12	15.32	264	283291	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1184359	119.37	ng	0.01
7) Phenol-d6	6.39	99	1610988	119.50	ng	0.00
23) Nitrobenzene-d5	7.32	82	1014019	93.40	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	259842	119.49	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1300015	76.21	ng	0.00
78) Terphenyl-d14	12.85	244	769411	51.91	ng	0.00
Target Compounds						
10) Phenol	6.40	94	39571	2.510	ng	99
32) Benzoic acid	7.73	122	2265	6.691	ng	88
49) Dimethylphthalate	9.50	163	292014	15.939	ng	99
74) Fluoranthene	12.47	202	69172	3.076	ng	99
77) Pyrene	12.69	202	56305	2.227	ng	97
87) Benzo(b)fluoranthene	14.90	252	44581m	2.497	ng	

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

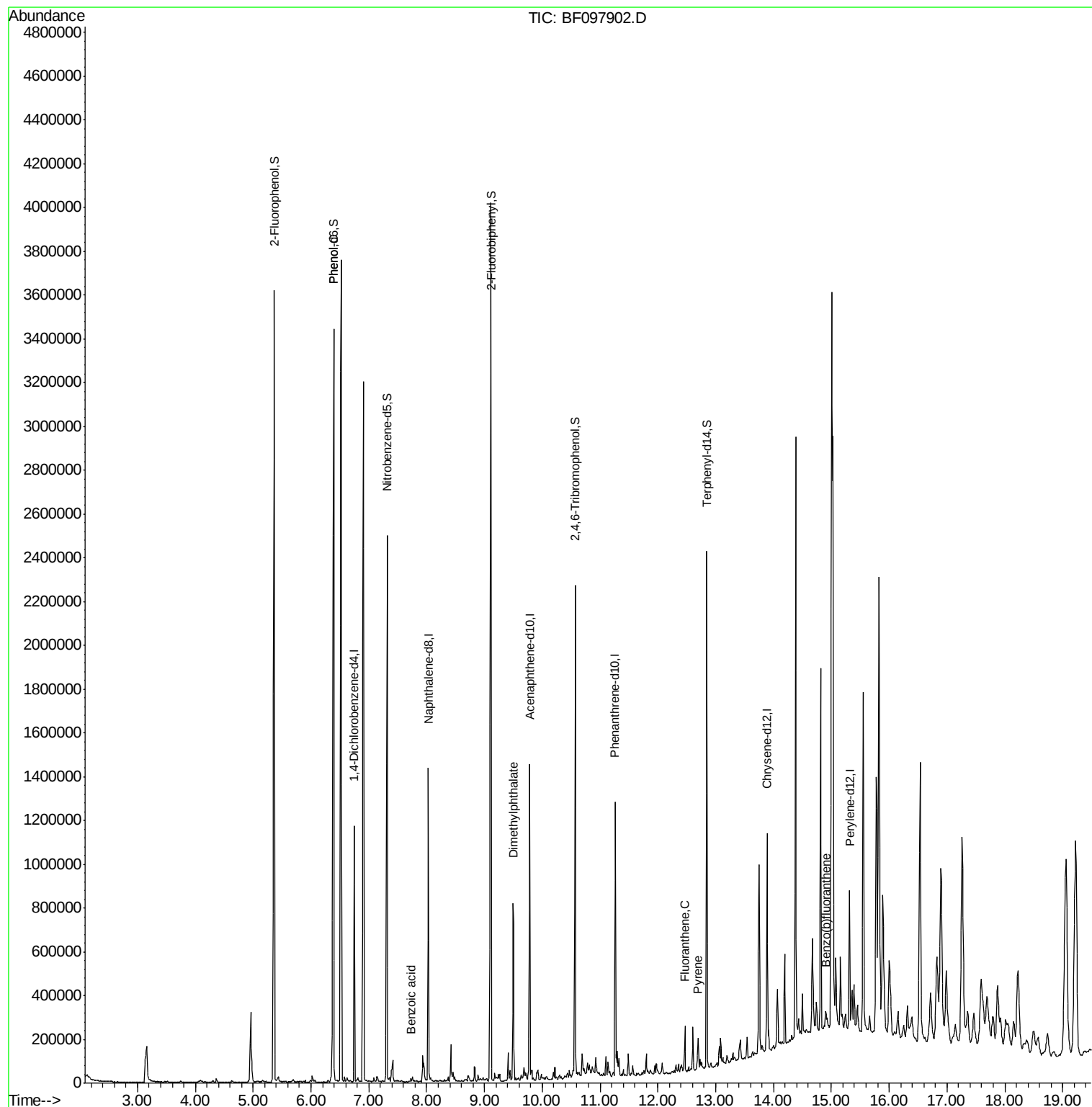
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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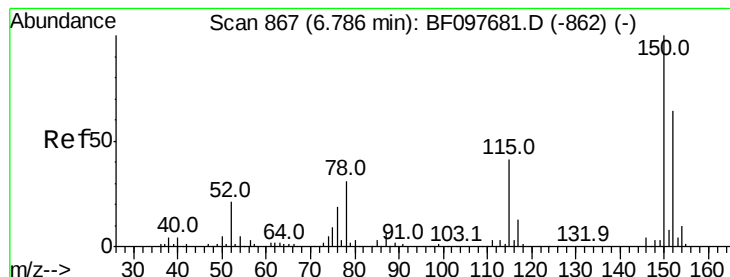
Instrument :
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#1

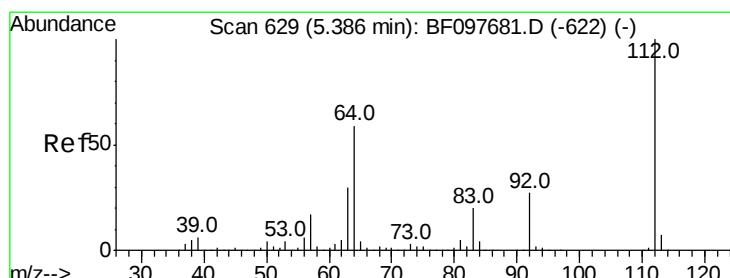
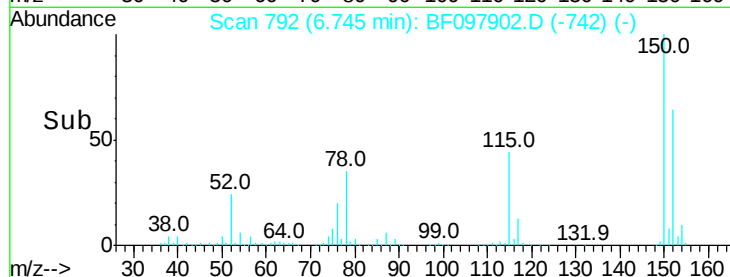
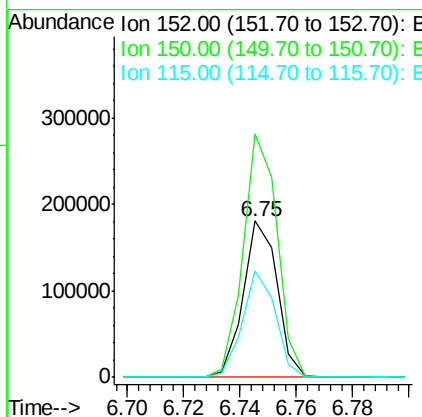
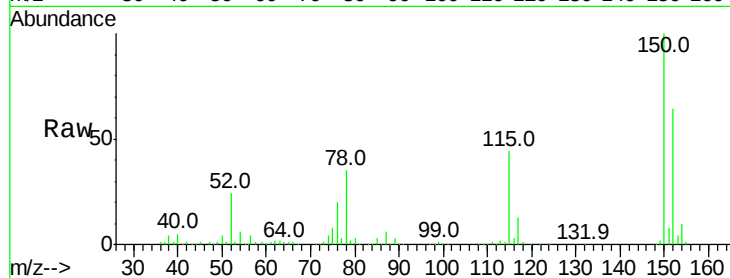
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-002

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.7	126.2	189.2
115	67.8	52.2	78.2

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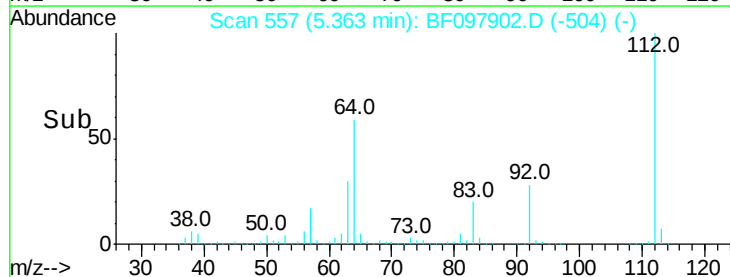
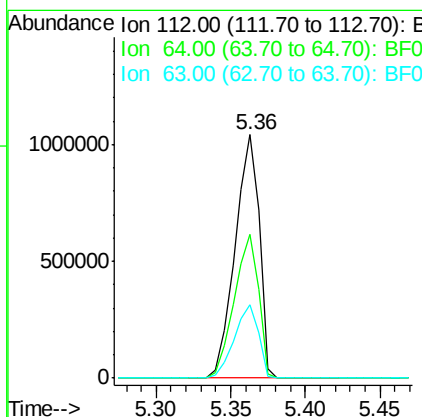
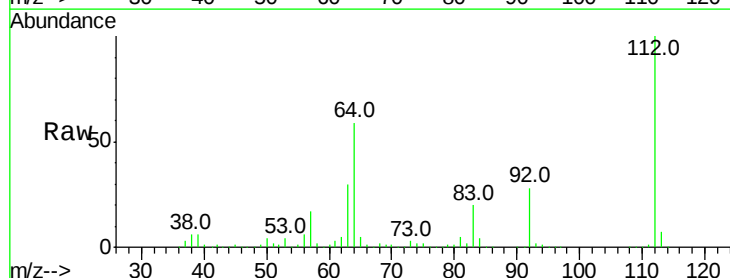
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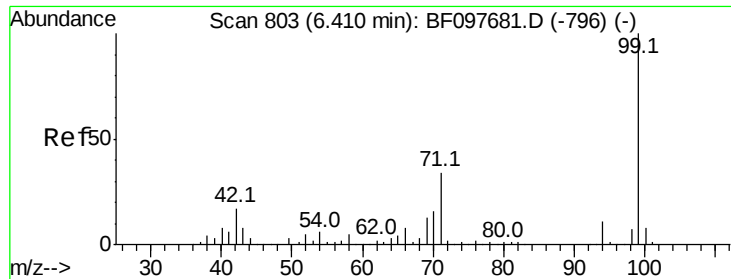


#5

2-Fluorophenol
Concen: 119.366 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.2	46.0	69.0
63	30.2	23.4	35.0





#7

Phenol-d6

Concen: 119.498 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Instrument :

BNA_F

ClientSampleId :

CAPTAINSCOVE-WC-002

Tot Ion: 99 Resp: 1610988

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

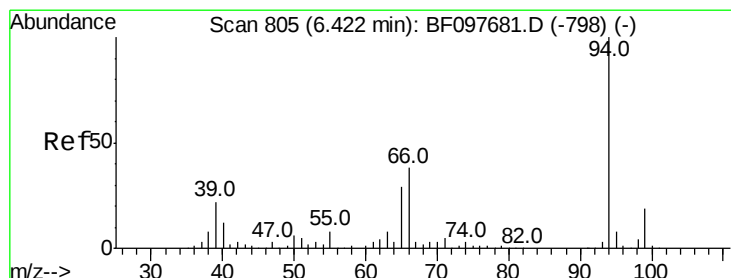
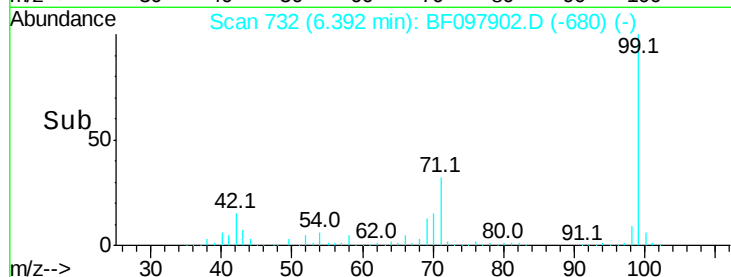
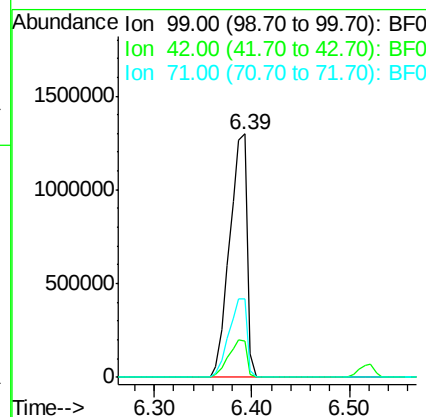
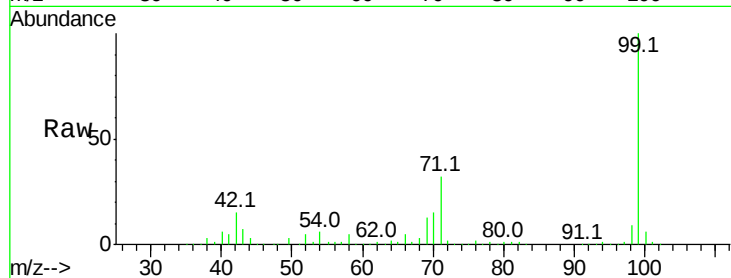
71 32.4 24.5 36.7

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#10

Phenol

Concen: 2.510 ng

RT: 6.40 min Scan# 733

Delta R.T. -0.00 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

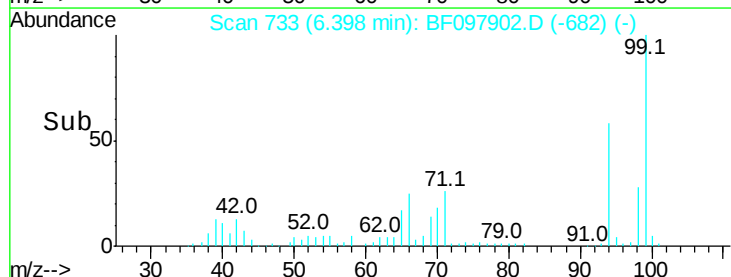
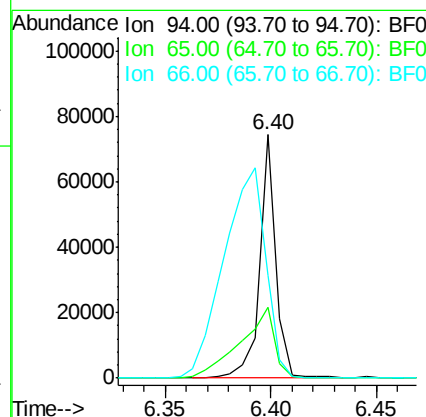
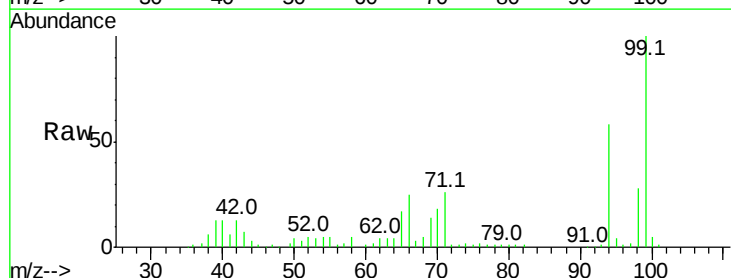
Tgt Ion: 94 Resp: 39571

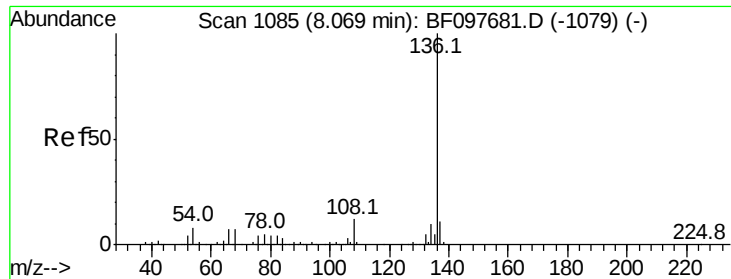
Ion Ratio Lower Upper

94 100

65 29.2 9.9 49.9

66 42.4 23.1 63.1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Instrument :

BNA_F

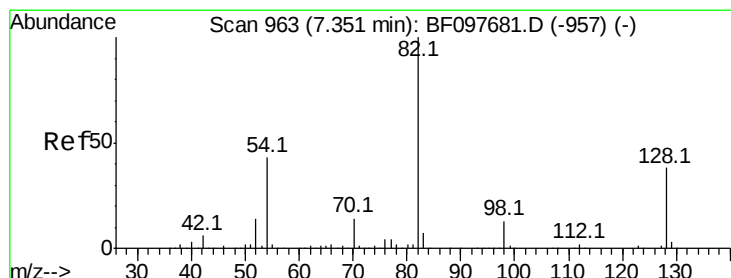
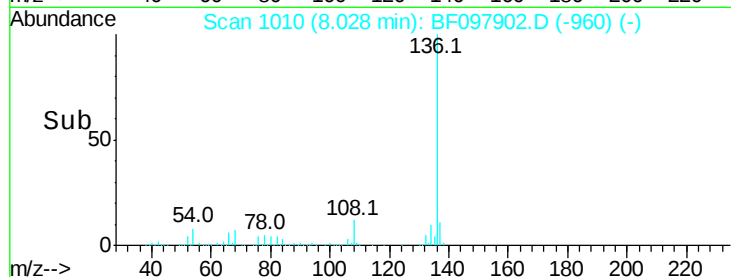
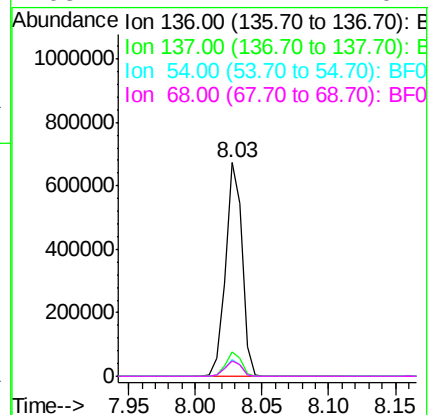
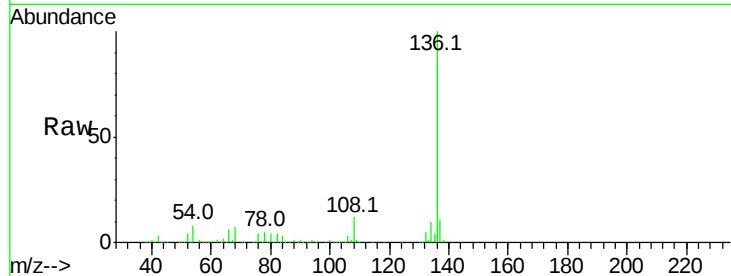
ClientSampleId :

CAPTAINSCOVE-WC-002

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	11.1	8.5	12.7	
54	8.0	4.9	7.3#	
68	7.4	4.1	6.1#	

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#23

Nitrobenzene-d5

Concen: 93.401 ng

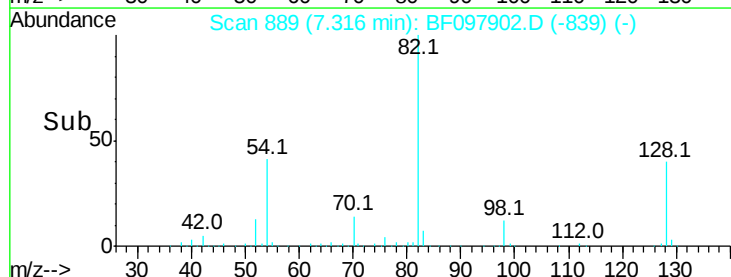
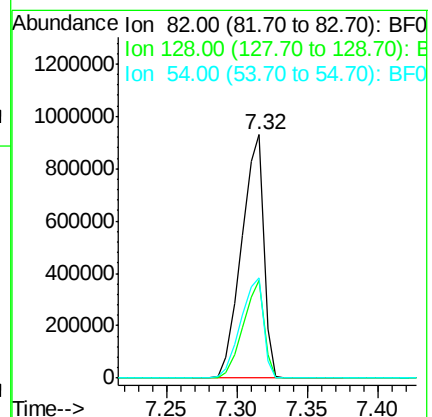
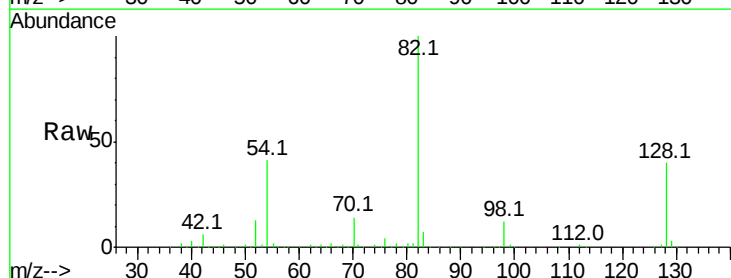
RT: 7.32 min Scan# 889

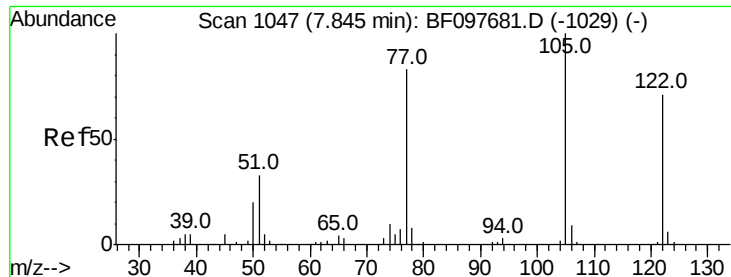
Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
82	100			
128	39.9	34.0	51.0	
54	41.0	42.2	63.2#	





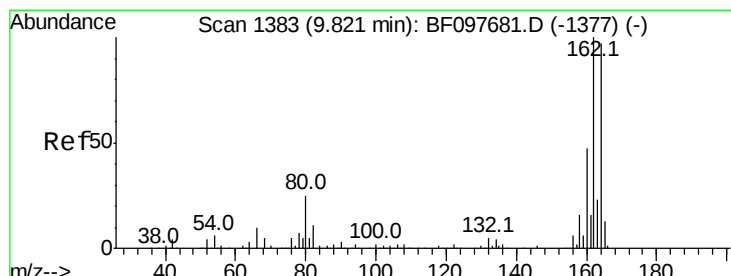
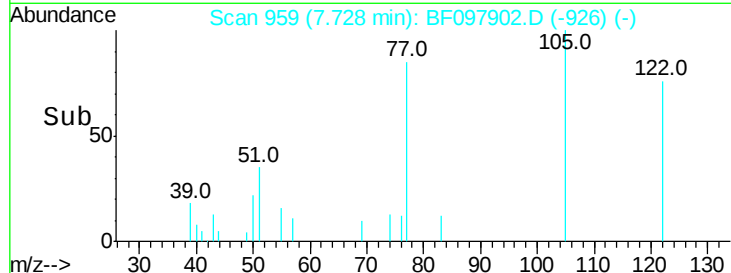
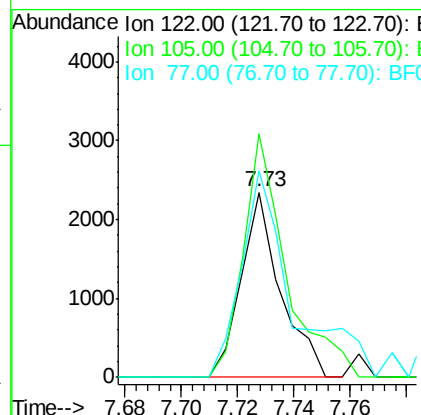
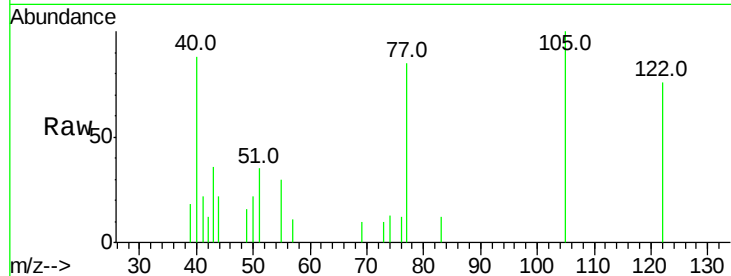
#32
Benzoic acid
Concen: 6.691 ng
RT: 7.73 min Scan# 959
Delta R.T. -0.11 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
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ClientSampleId :
CAPTAINSCOVE-WC-002

Tot Ion:	122	Resp:	2265
Ion Ratio	Lower	Upper	
122	100		
105	131.5	103.3	143.3
77	111.4	73.7	113.7

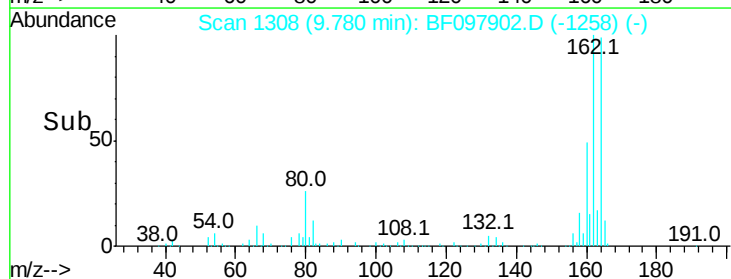
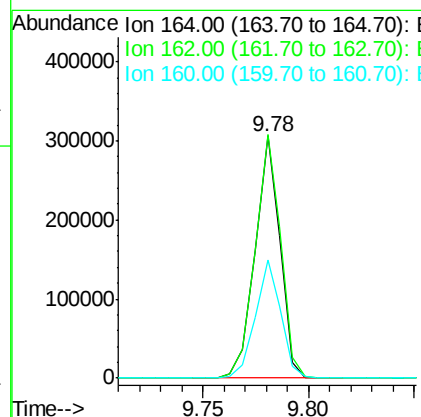
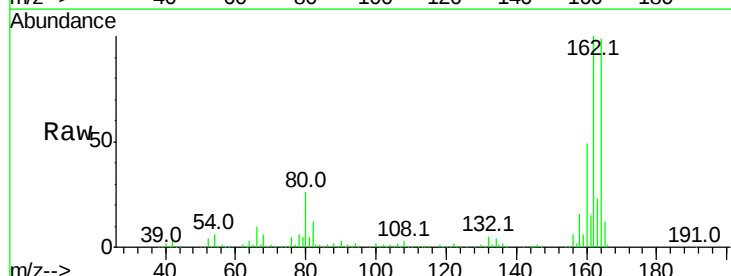
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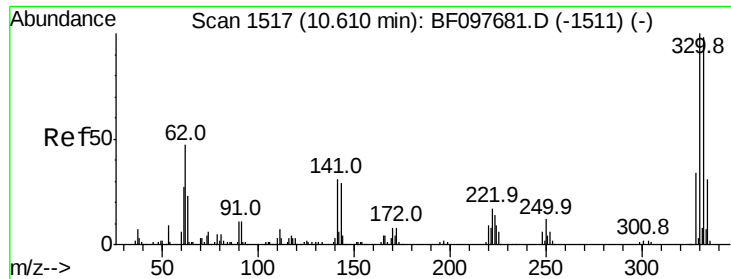
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.78 min Scan# 1308
Delta R.T. -0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion:	164	Resp:	250632
Ion Ratio	Lower	Upper	
164	100		
162	100.7	82.6	123.8
160	48.9	36.2	54.2





#41

2,4,6-Tribromophenol

Concen: 119.487 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Instrument :

BNA_F

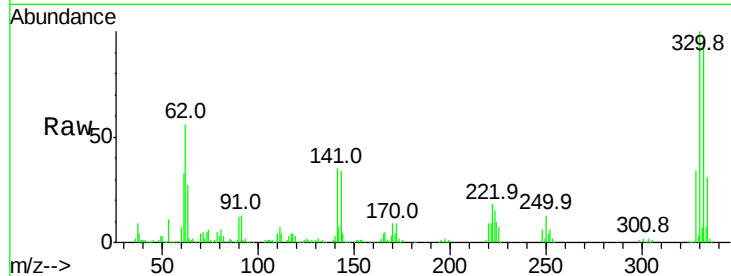
ClientSampleId :

CAPTAINSCOVE-WC-002

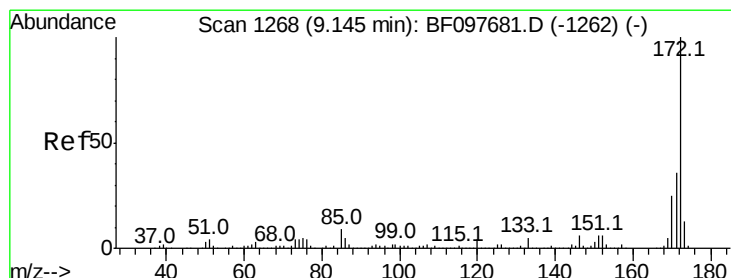
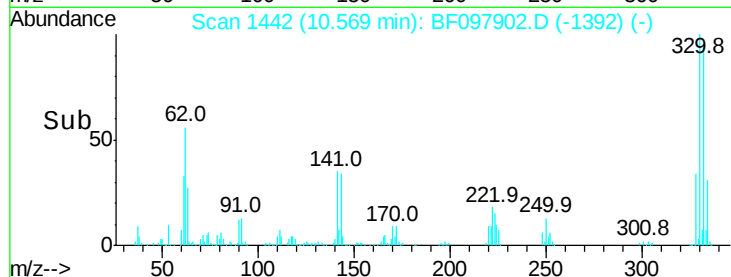
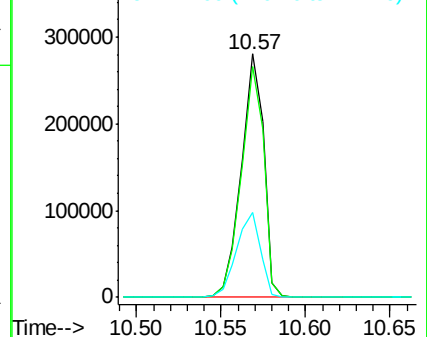
Tot Ion:	330	Resp:	259842
Ion Ratio	Lower	Upper	
330	100		
332	95.8	76.6	115.0
141	37.2	31.4	47.2

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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: 76.207 ng

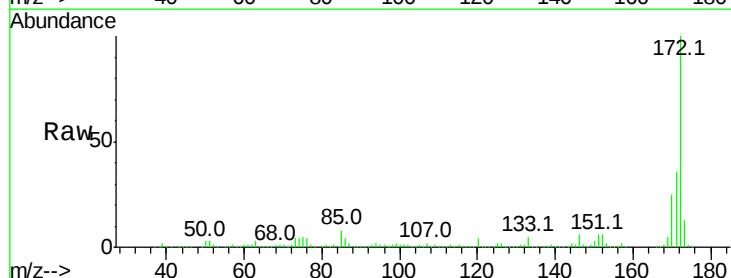
RT: 9.11 min Scan# 1194

Delta R.T. -0.00 min

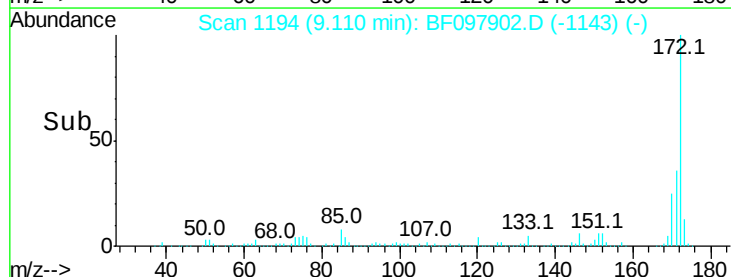
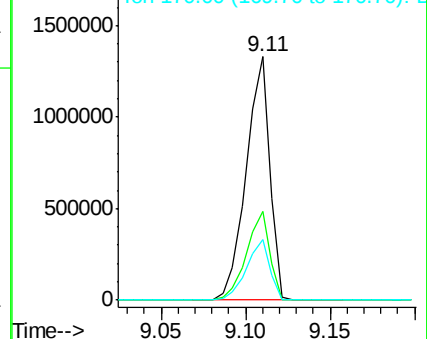
Lab File: BF097902.D

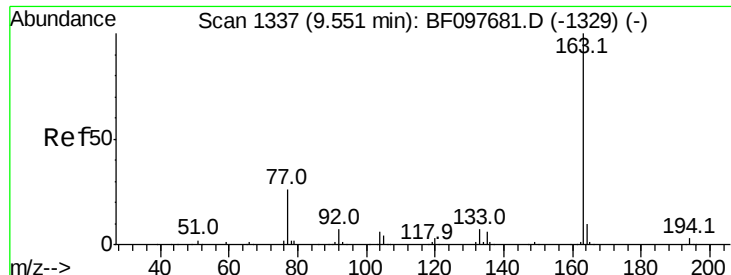
Acq: 21 Aug 2017 13:13

Tgt Ion:	172	Resp:	1300015
Ion Ratio	Lower	Upper	
172	100		
171	36.2	29.6	44.4
170	24.9	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





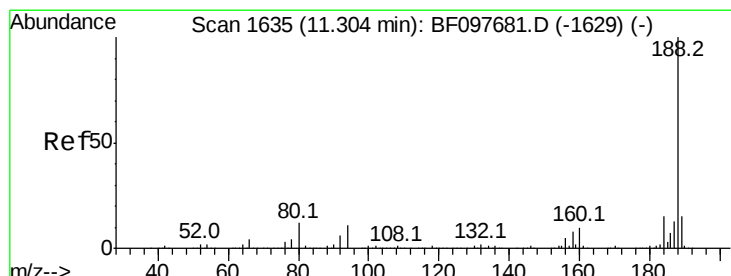
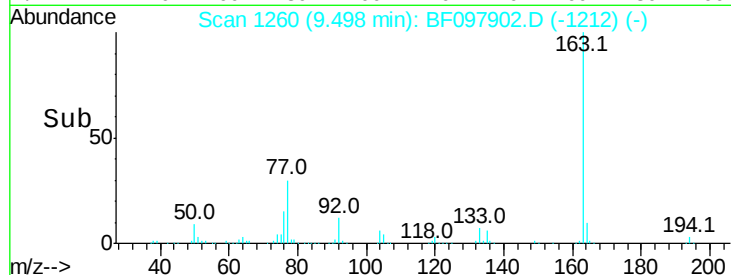
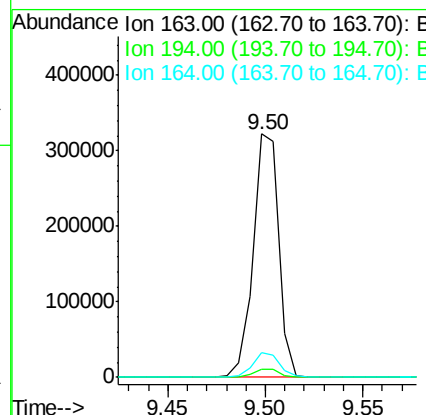
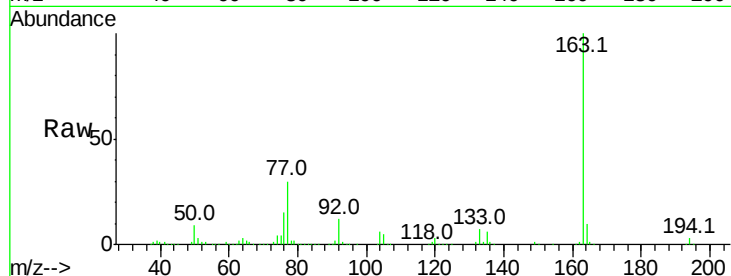
#49
Dimethylphthalate
Concen: 15.939 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
BNA_F
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
163	100	292014		
194	3.2		2.6	4.0
164	10.2		8.4	12.6

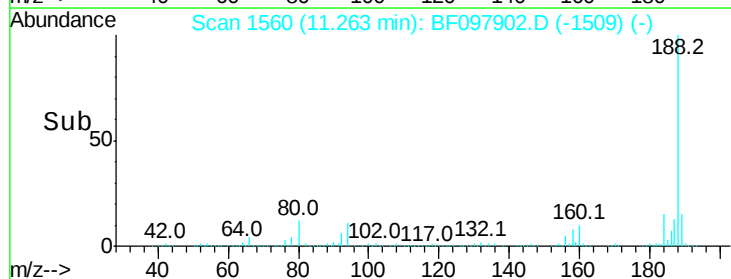
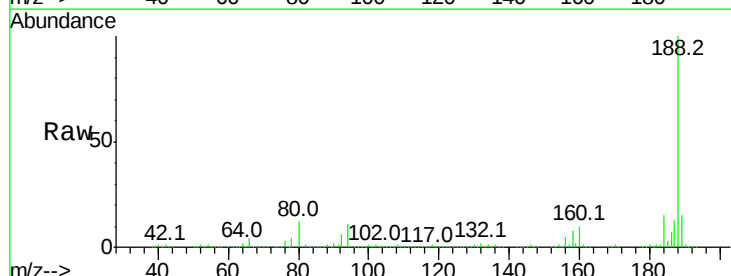
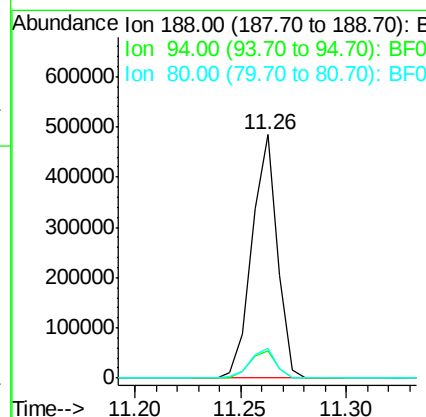
Manual Integrations
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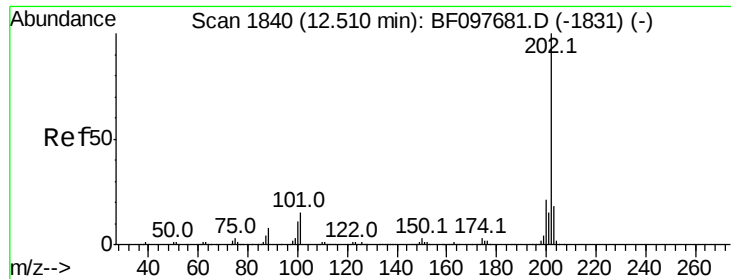
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1560
Delta R.T. -0.00 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	404270		
94	11.3		9.4	14.2
80	12.1		10.2	15.2





#74

Fluoranthene

Concen: 3.076 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Instrument :

BNA_F

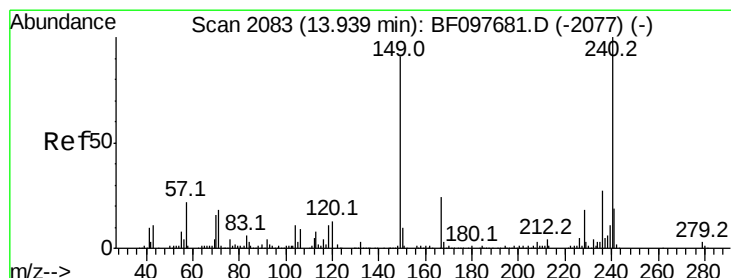
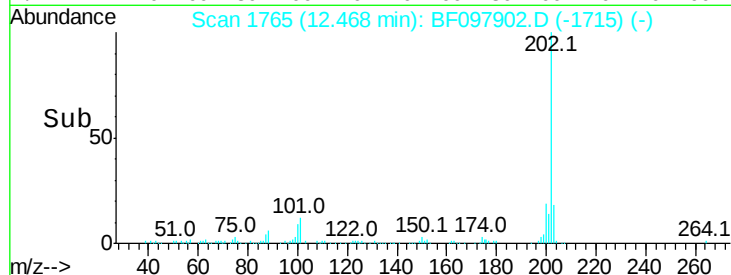
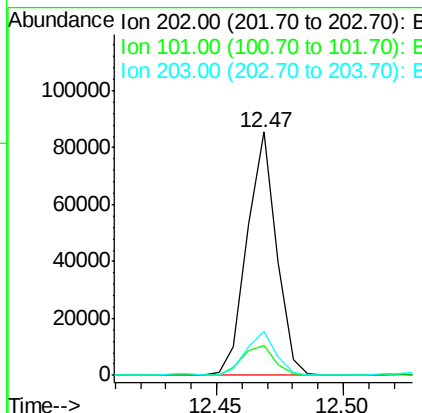
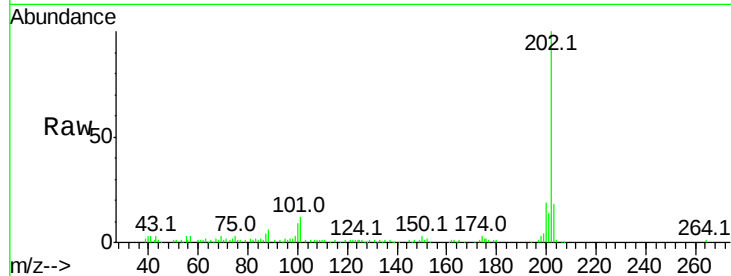
ClientSampleId :

CAPTAINSCOVE-WC-002

Tot Ion	Ion	Ratio	Resp	Lower	Upper
202	100		69172		
101	12.3	0.0	33.2		
203	17.9	0.0	38.1		

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

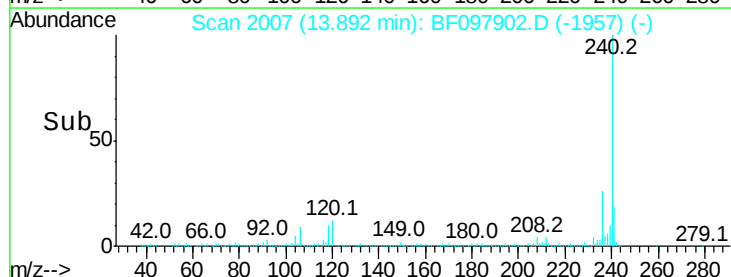
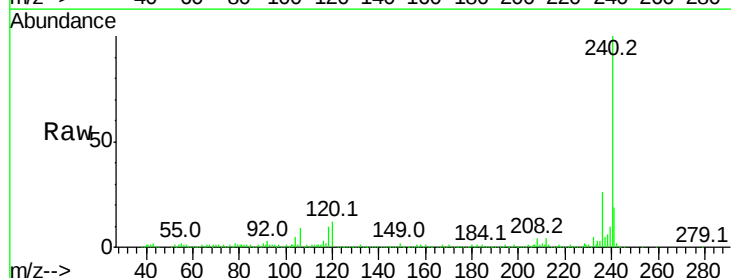
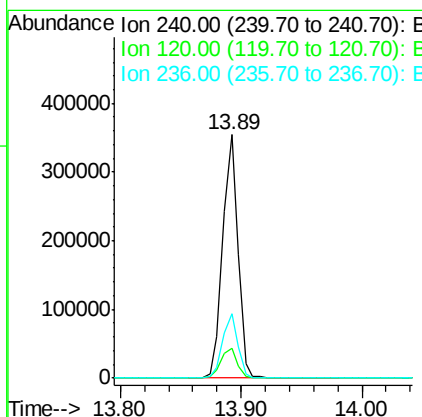
RT: 13.89 min Scan# 2007

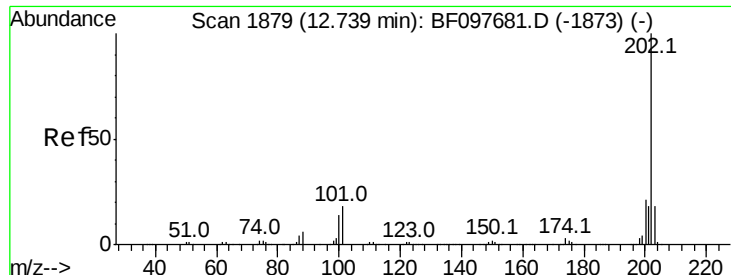
Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
240	100		309117		
120	12.3	5.8	8.8#		
236	26.4	20.5	30.7		





#77

Pvrene

Concen: 2.227 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Instrument :

BNA_F

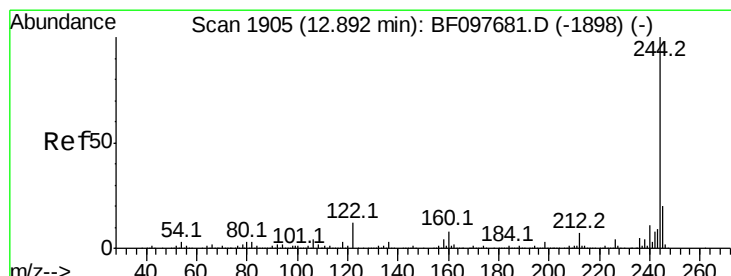
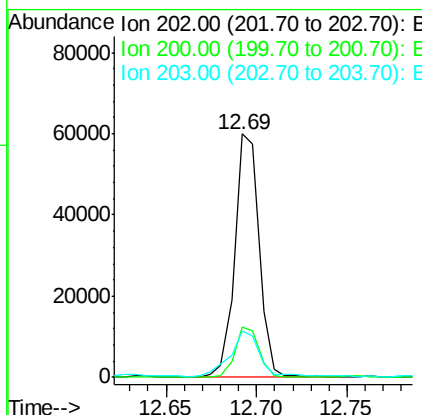
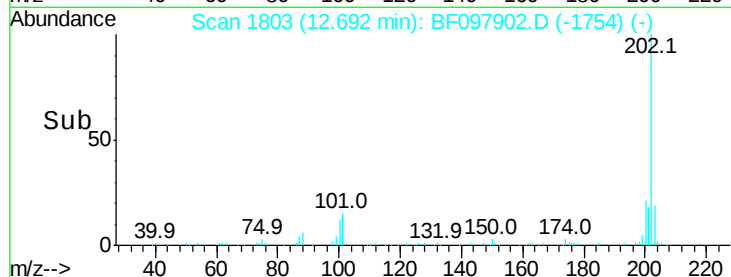
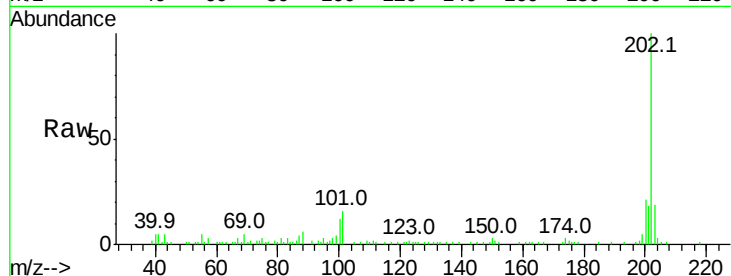
ClientSampleId :

CAPTAINSCOVE-WC-002

Tot Ion:	202	Resp:	56305
Ion Ratio	Lower	Upper	
202	100		
200	20.7	17.6	26.4
203	19.3	14.4	21.6

Manual Integrations
APPROVED

Sohil
8/22/2017 5:43:47 PM



#78

Terphenyl-d14

Concen: 51.905 ng

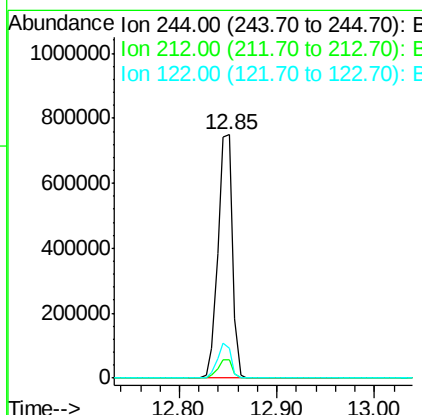
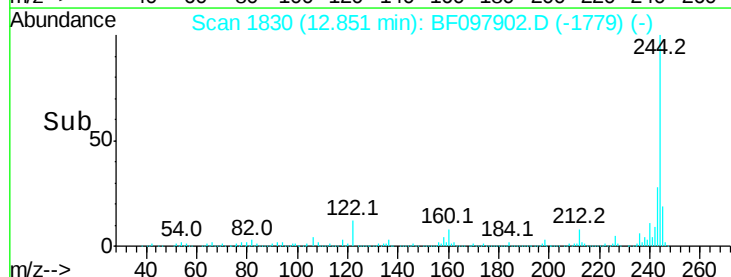
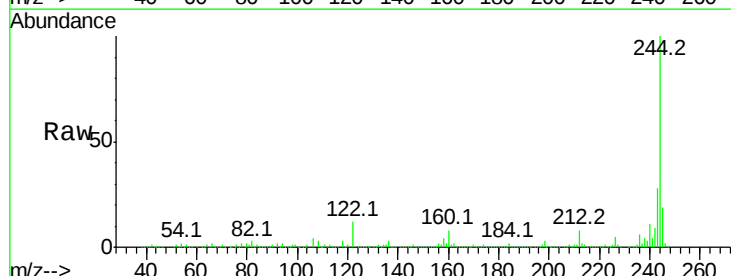
RT: 12.85 min Scan# 1830

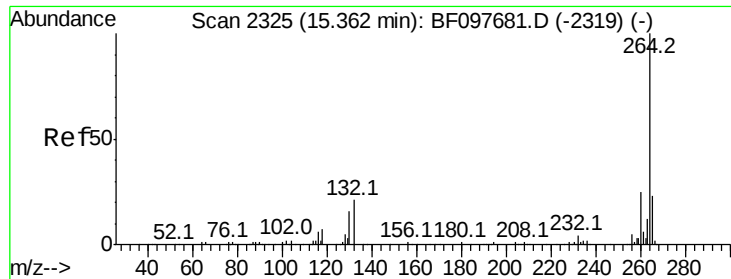
Delta R.T. -0.00 min

Lab File: BF097902.D

Acq: 21 Aug 2017 13:13

Tgt Ion:	244	Resp:	769411
Ion Ratio	Lower	Upper	
244	100		
212	7.7	6.0	9.0
122	12.1	10.3	15.5





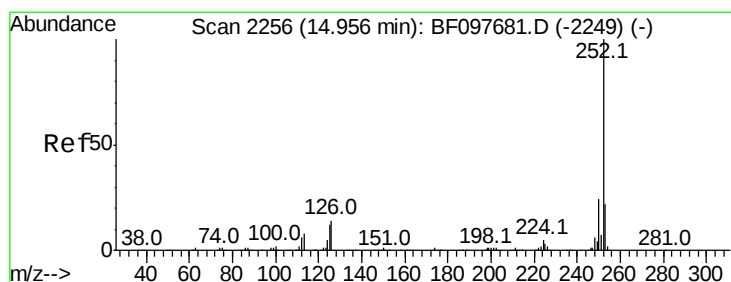
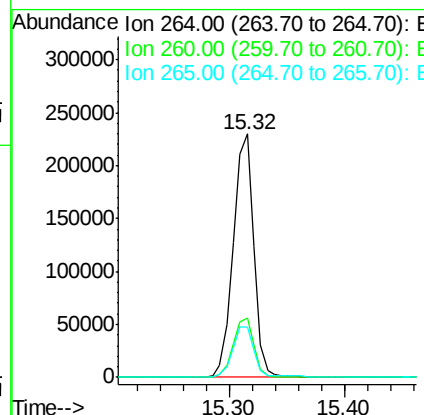
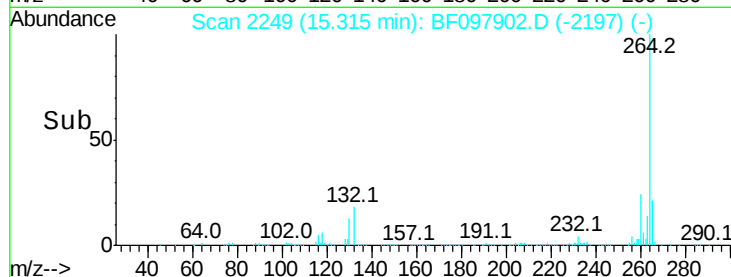
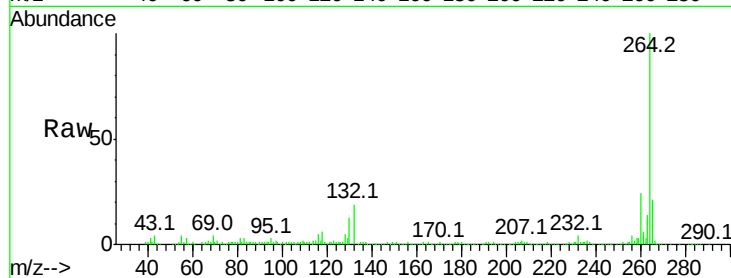
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-002

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	20.9	17.2	25.8

Manual Integrations
APPROVED

Sohil
8/22/2017 5:43:47 PM



#87
Benzo(b)fluoranthene
Concen: 2.497 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF097902.D
Acq: 21 Aug 2017 13:13

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.1	27.1
125	21.3	9.8	14.8#

