

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097899.D
 Acq On : 21 Aug 2017 11:50
 Operator : SJ/JU
 Sample : I4683-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Manual Integrations
 APPROVED

Sohil
 8/22/2017 5:43:44 PM

Quant Time: Aug 22 01:31:30 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	150598	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	594222	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	249376	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	414351	20.00	ng	0.00
75) Chrysene-d12	13.89	240	296340	20.00	ng	0.00
86) Perylene-d12	15.31	264	270586	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	915363	92.45	ng	0.00
7) Phenol-d6	6.38	99	1262352	93.84	ng	0.00
23) Nitrobenzene-d5	7.31	82	783695	71.65	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	196578	90.85	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	1032763	60.85	ng	0.00
78) Terphenyl-d14	12.84	244	649177	45.68	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.50	163	233967	12.835	ng	99
70) Phenanthrene	11.28	178	206696	9.361	ng	99
71) Anthracene	11.33	178	52237	2.333	ng	99
74) Fluoranthene	12.47	202	332224	14.416	ng	98
77) Pyrene	12.70	202	296212	12.221	ng	97
80) Benzo(a)anthracene	13.88	228	154004	8.671	ng	97
82) Chrysene	13.92	228	131446	7.440	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	28799	2.797	ng	# 98
85) Indeno(1,2,3-cd)pyrene	16.68	276	69905	5.378	ng	# 88
87) Benzo(b)fluoranthene	14.90	252	192971m	11.314	ng	
88) Benzo(k)fluoranthene	14.93	252	60945m	3.803	ng	
89) Benzo(a)pyrene	15.25	252	130188	8.622	ng	97
91) Benzo(a,h,i)perylene	17.09	276	63087	4.919	ng	93

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

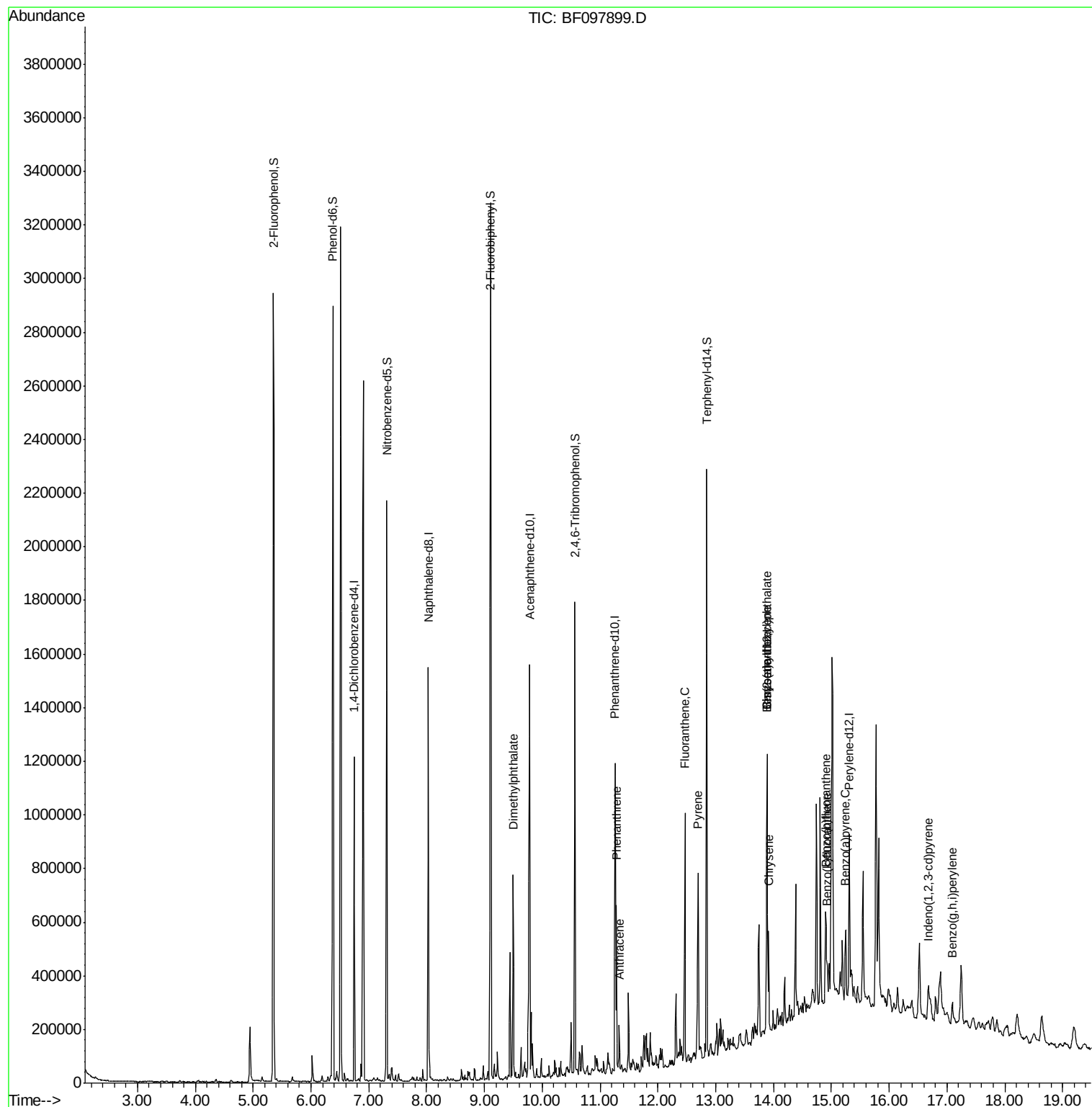
Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
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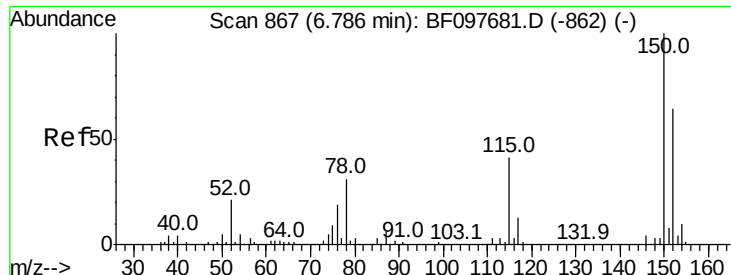
Instrument :
BNA_F
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CAPTAINSCOVE-WC-001

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Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
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#1

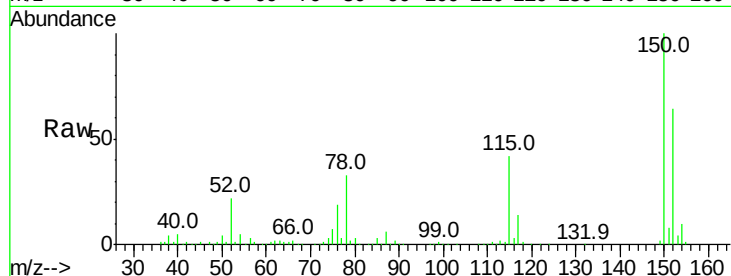
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.8	126.2	189.2
115	64.9	52.2	78.2

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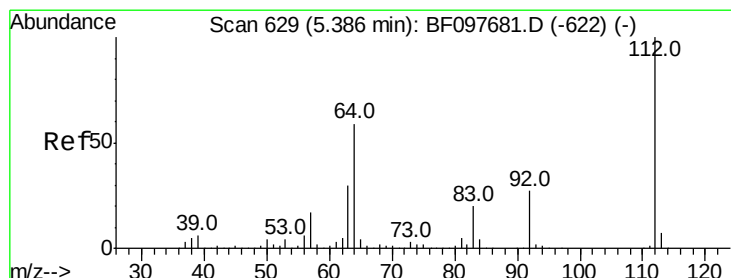
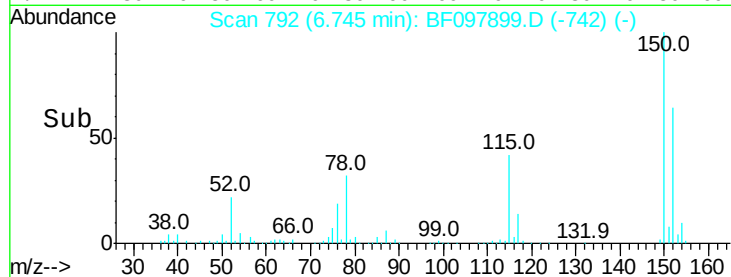
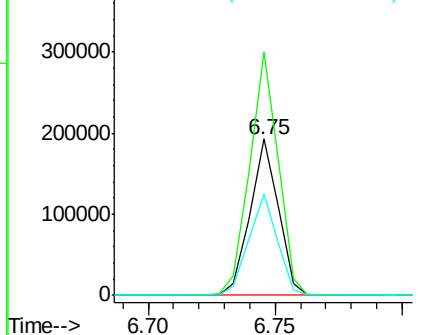


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

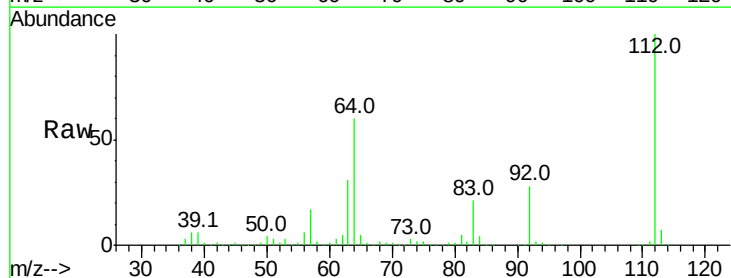
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
Concen: 92.454 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.9	46.0	69.0
63	31.2	23.4	35.0

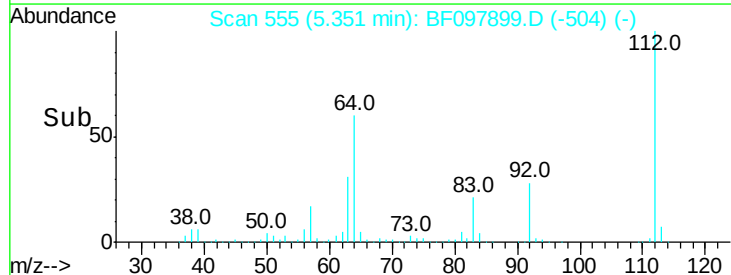
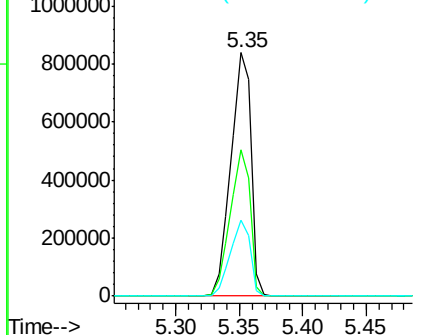


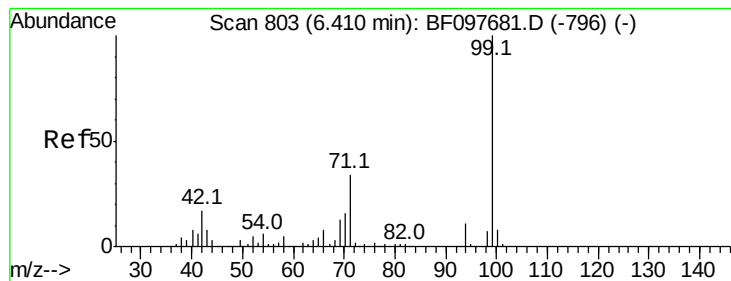
Abundance

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: 93.839 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097899.D

Acq: 21 Aug 2017 11:50

Instrument :

BNA_F

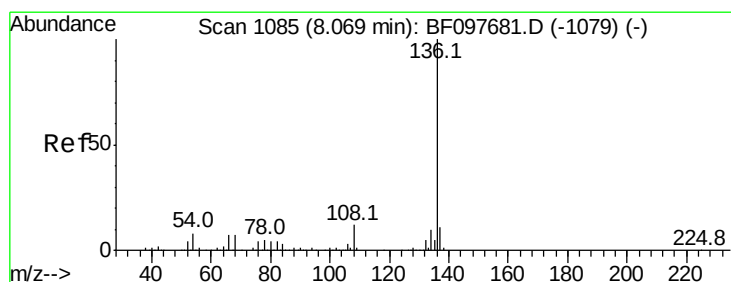
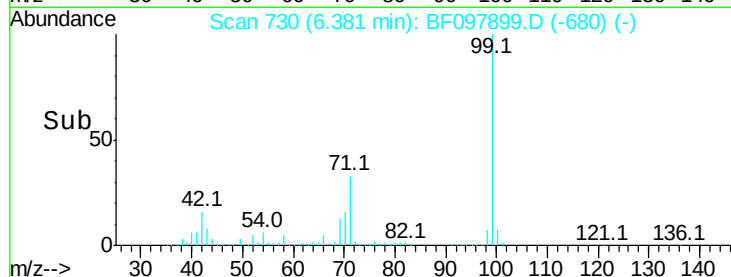
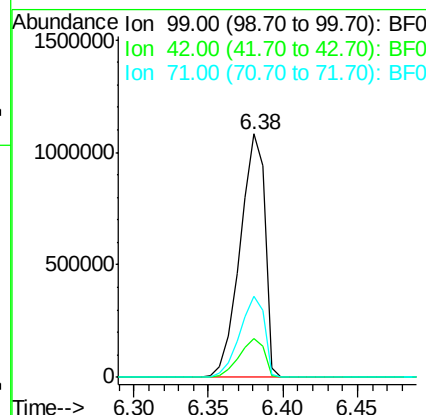
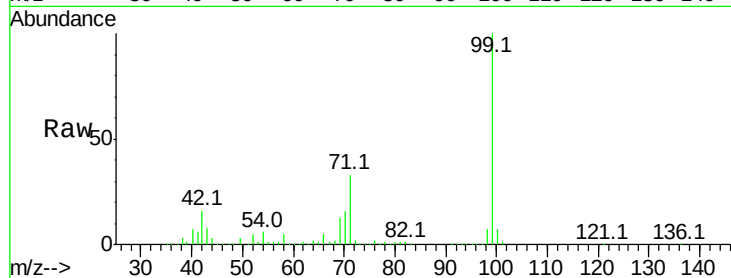
ClientSampleId :

CAPTAINSCOVE-WC-001

Tot Ion:	99	Resp:	1262352
Ion	Ratio	Lower	Upper
99	100		
42	16.1	13.5	20.3
71	33.3	24.5	36.7

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#21

Naphthalene-d8

Concen: 20.000 ng

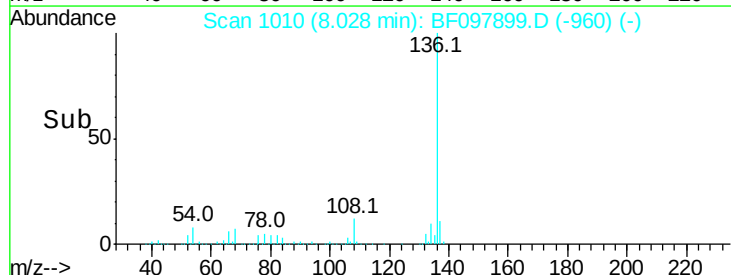
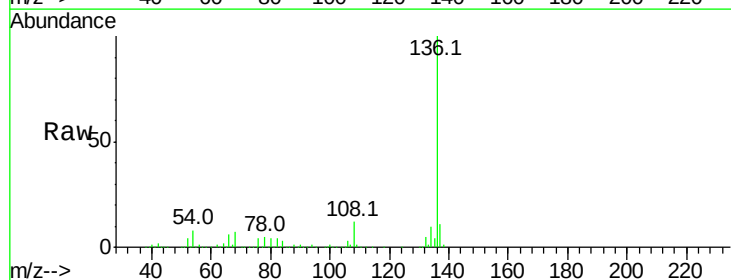
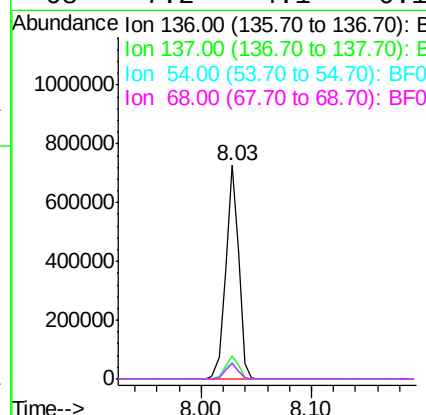
RT: 8.03 min Scan# 1010

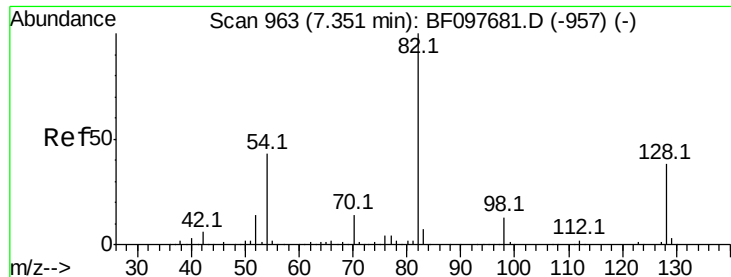
Delta R.T. -0.01 min

Lab File: BF097899.D

Acq: 21 Aug 2017 11:50

Tgt Ion:	136	Resp:	594222
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.5	12.7
54	7.7	4.9	7.3#
68	7.2	4.1	6.1#





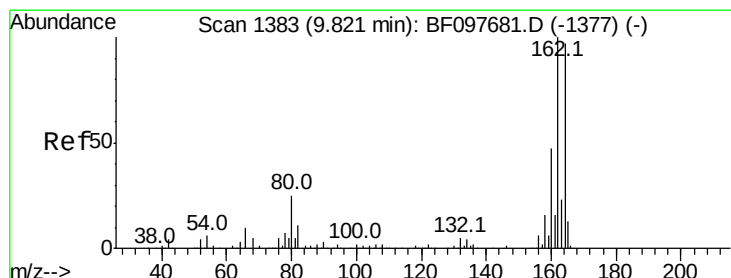
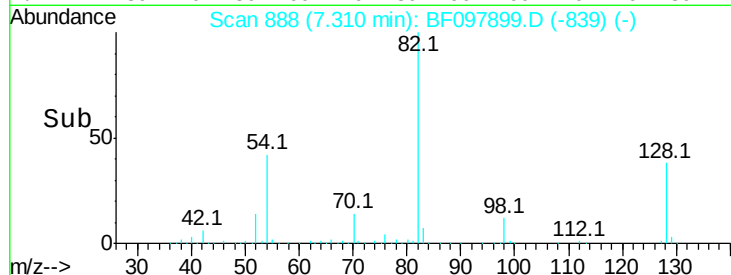
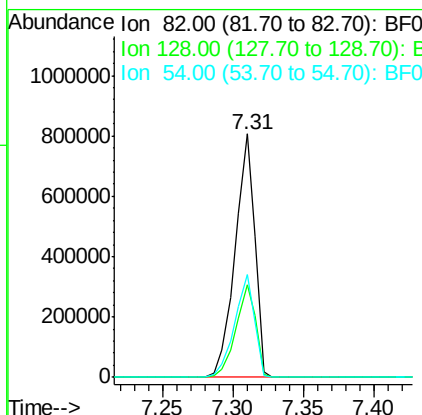
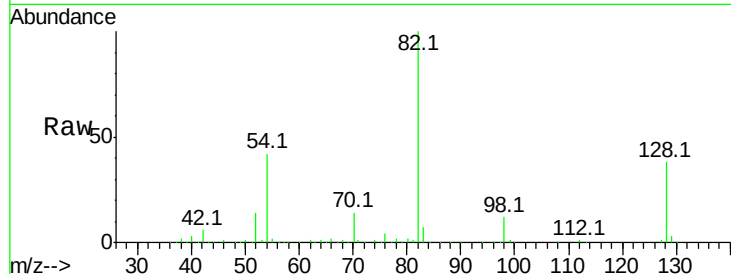
#23
 Nitrobenzene-d5
 Concen: 71.646 ng
 RT: 7.31 min Scan# 888
 Delta R.T. -0.01 min
 Lab File: BF097899.D
 Acq: 21 Aug 2017 11:50

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	38.1	34.0	51.0	
54	42.1	42.2	63.2	

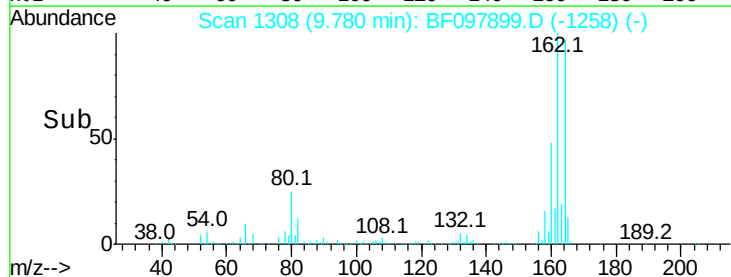
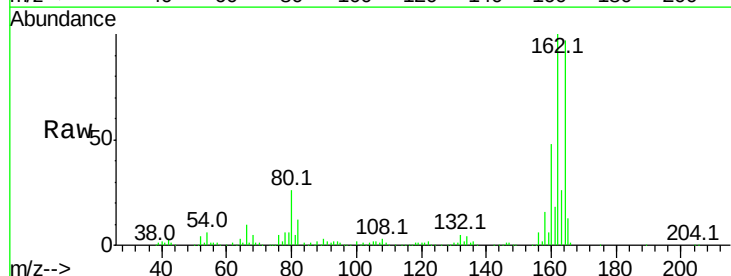
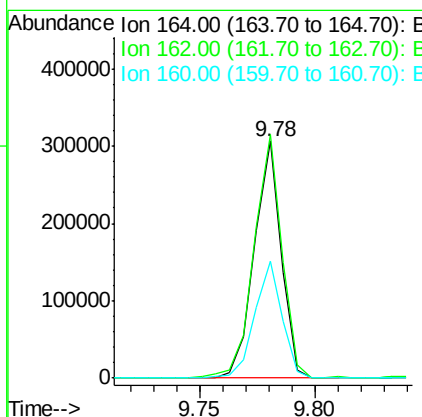
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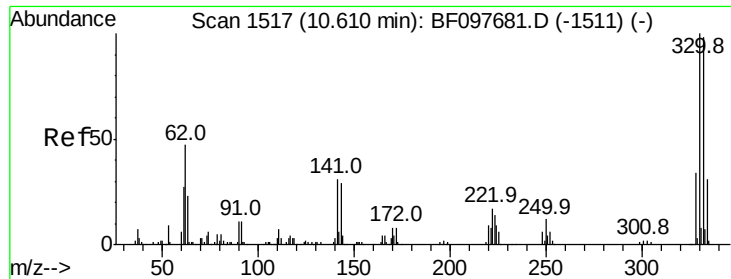
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#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097899.D
 Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
164	100			
162	102.9	82.6	123.8	
160	49.3	36.2	54.2	





#41

2,4,6-Tribromophenol

Concen: 90.851 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF097899.D

Acq: 21 Aug 2017 11:50

Instrument :

BNA_F

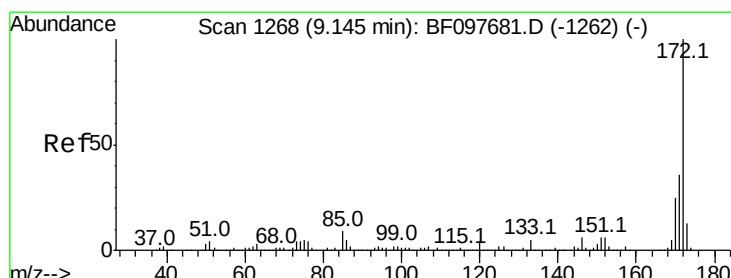
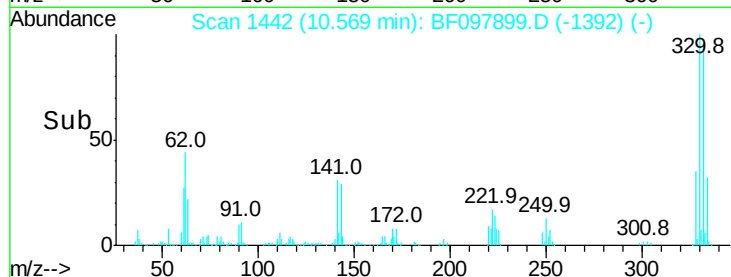
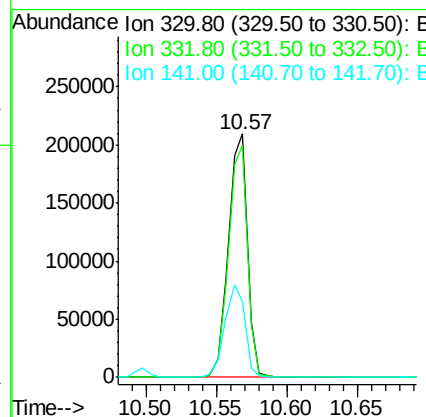
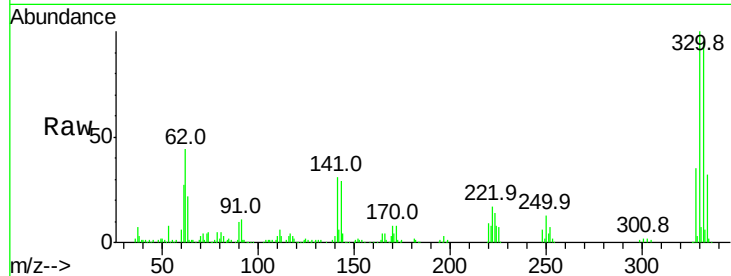
ClientSampleId :

CAPTAINSCOVE-WC-001

Tot Ion:	330	Resp:	196578
Ion Ratio	Lower	Upper	
330	100		
332	95.1	76.6	115.0
141	40.4	31.4	47.2

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#44

2-Fluorobiphenyl

Concen: 60.846 ng

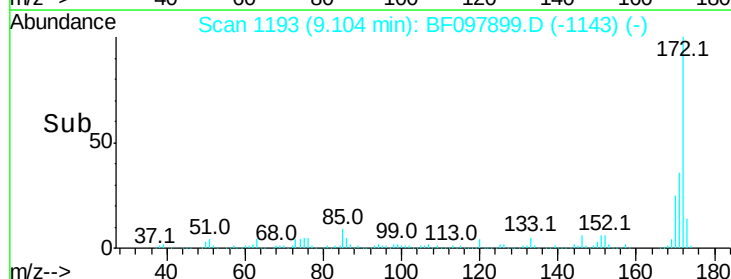
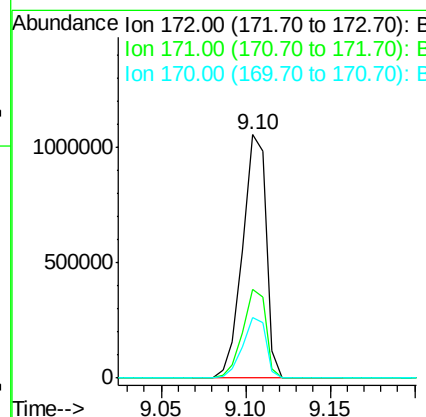
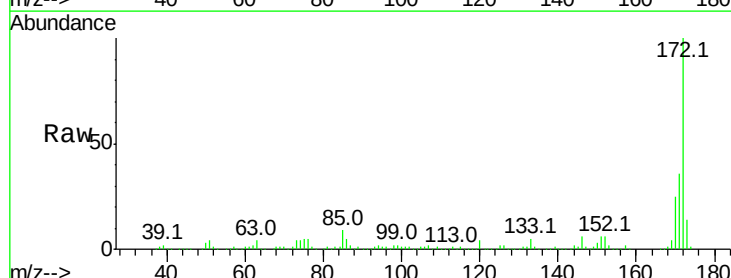
RT: 9.10 min Scan# 1193

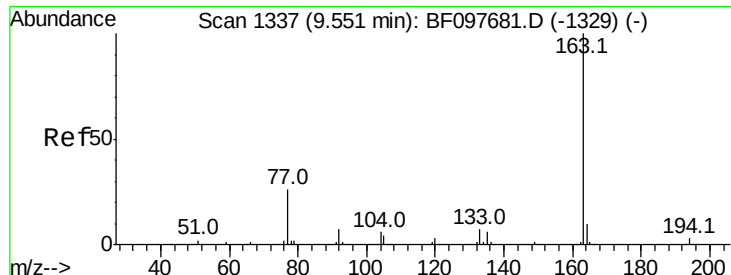
Delta R.T. -0.01 min

Lab File: BF097899.D

Acq: 21 Aug 2017 11:50

Tgt Ion:	172	Resp:	1032763
Ion Ratio	Lower	Upper	
172	100		
171	36.5	29.6	44.4
170	25.0	19.8	29.8





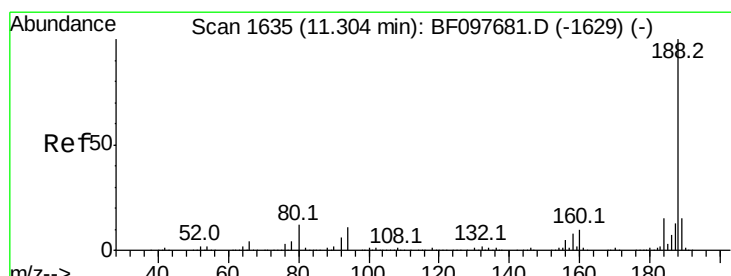
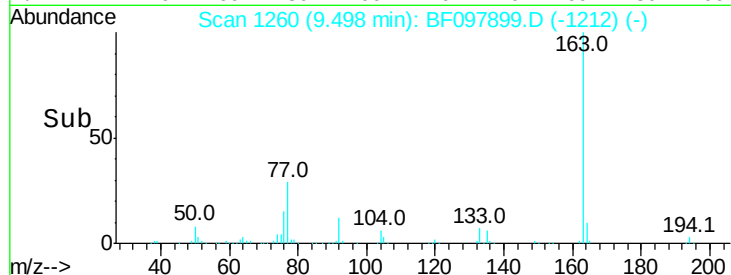
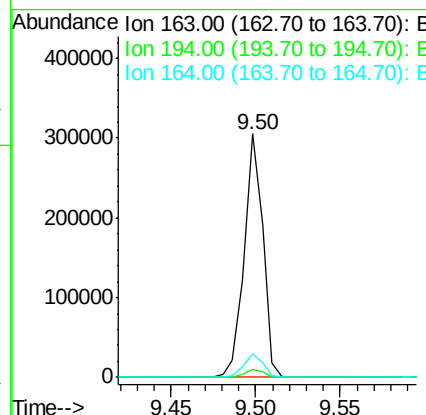
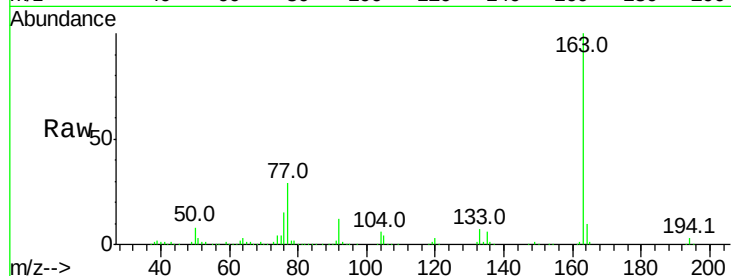
#49
Dimethylphthalate
Concen: 12.835 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	3.3	2.6	4.0	
164	9.8	8.4	12.6	

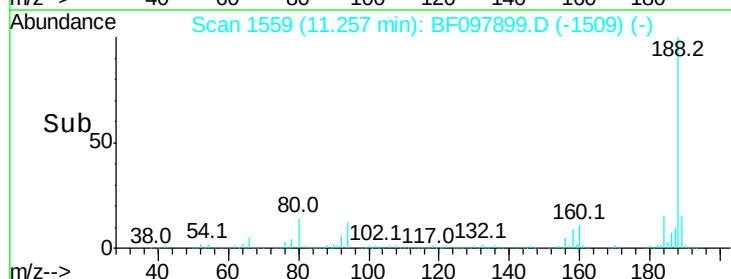
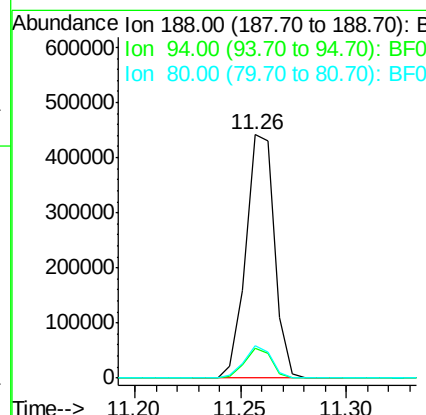
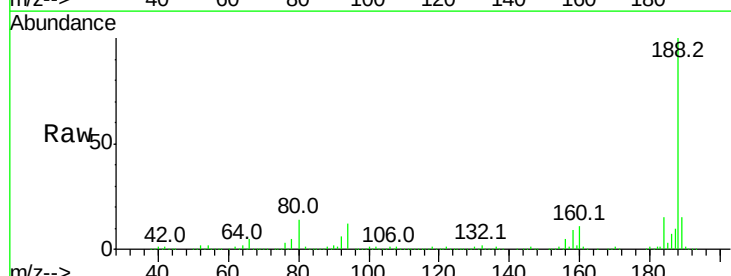
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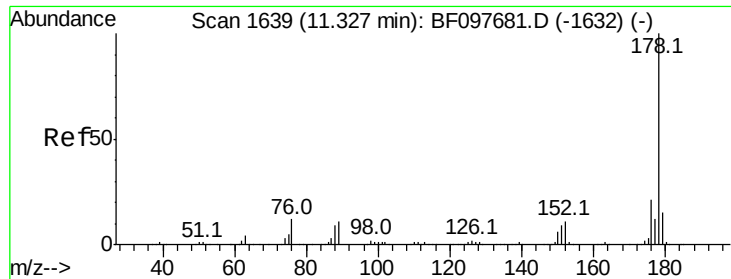
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#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
188	100			
94	12.2	9.4	14.2	
80	13.6	10.2	15.2	





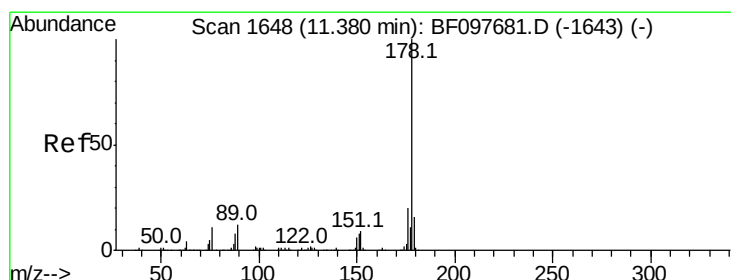
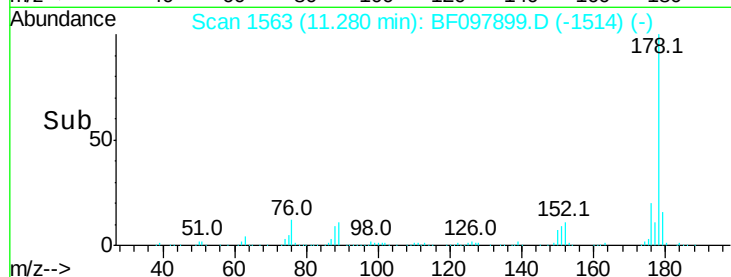
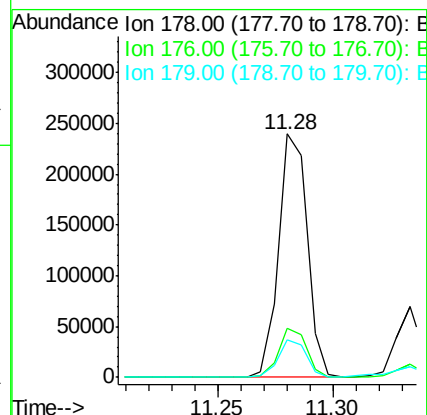
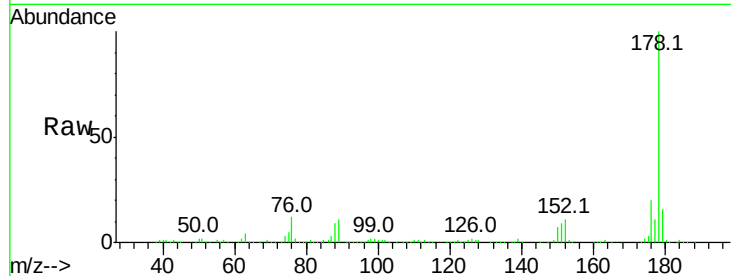
#70
Phenanthrene
Concen: 9.361 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	16.2	24.4
179	15.6	12.6	19.0

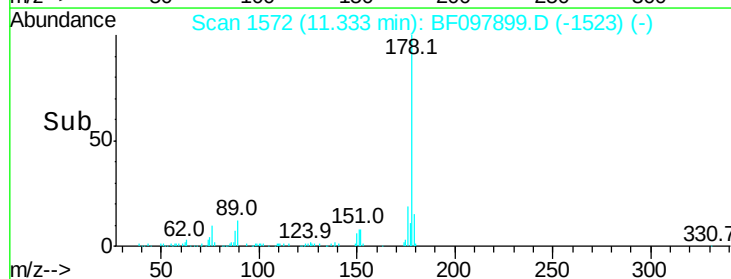
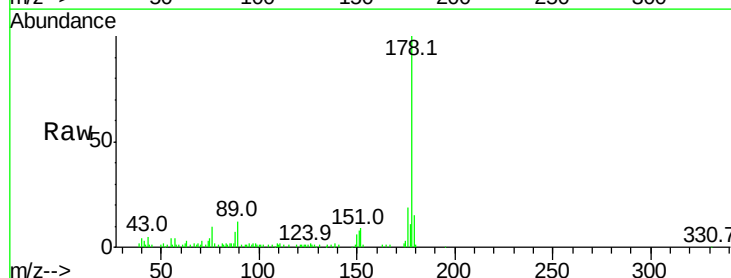
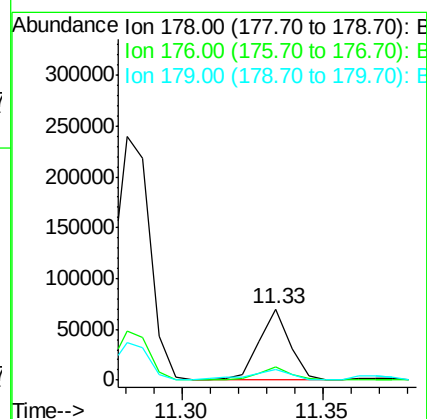
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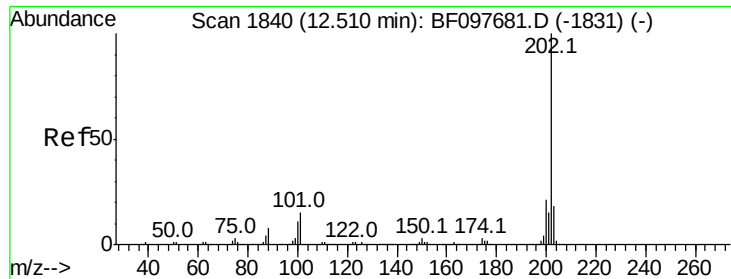
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#71
Anthracene
Concen: 2.333 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	15.2	12.7	19.1





#74

Fluoranthene

Concen: 14.416 ng

RT: 12.47 min Scan# 1765

Delta R.T. -0.01 min

Lab File: BF097899.D

Acq: 21 Aug 2017 11:50

Instrument :

BNA_F

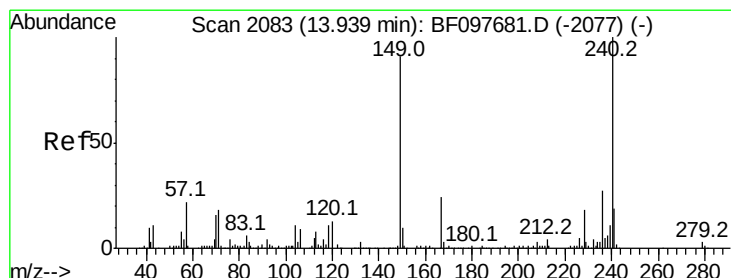
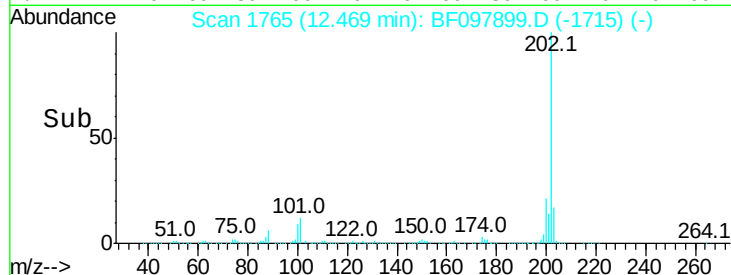
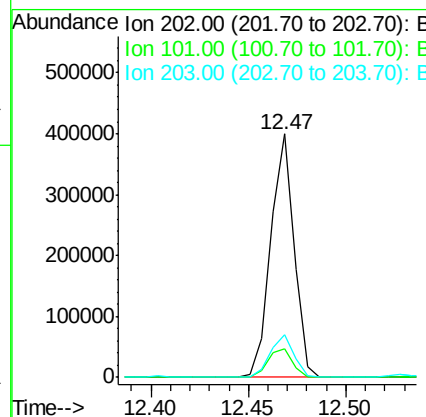
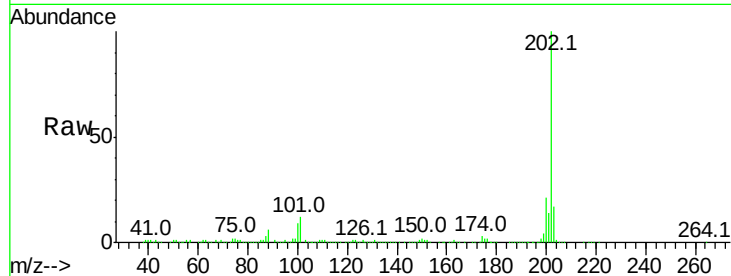
ClientSampleId :

CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	11.8	0.0	33.2
203	17.5	0.0	38.1

Manual Integrations
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#75

Chrysene-d12

Concen: 20.000 ng

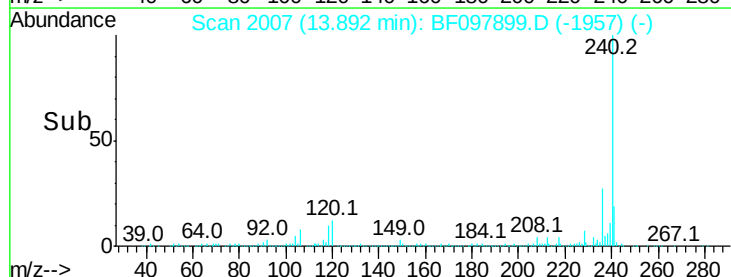
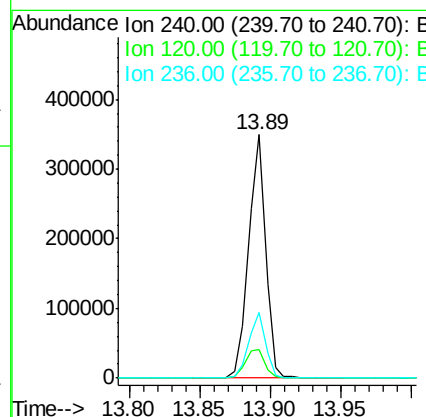
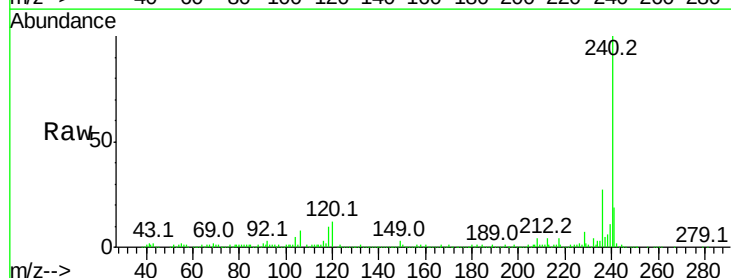
RT: 13.89 min Scan# 2007

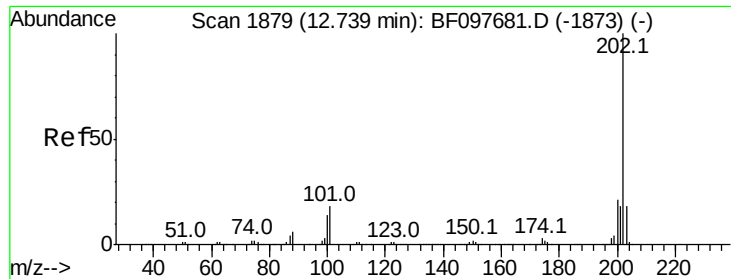
Delta R.T. -0.01 min

Lab File: BF097899.D

Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Resp Lower	Upper
240	100		
120	11.8	5.8	8.8#
236	26.9	20.5	30.7





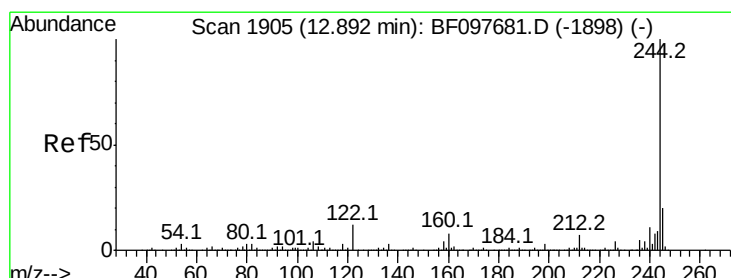
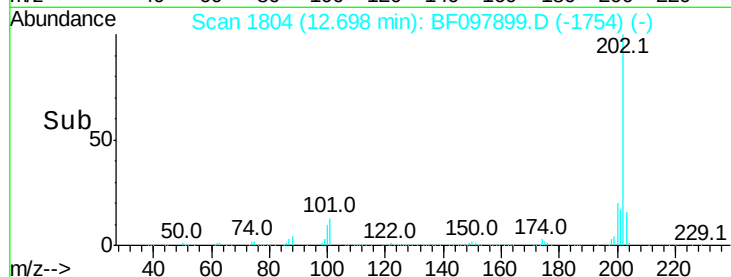
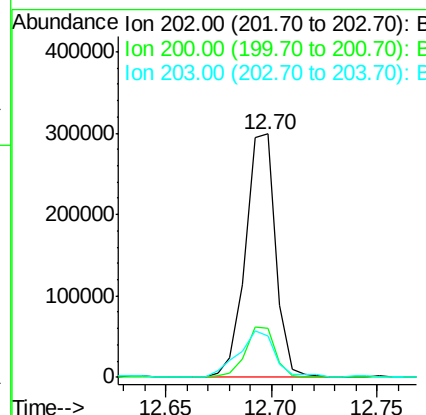
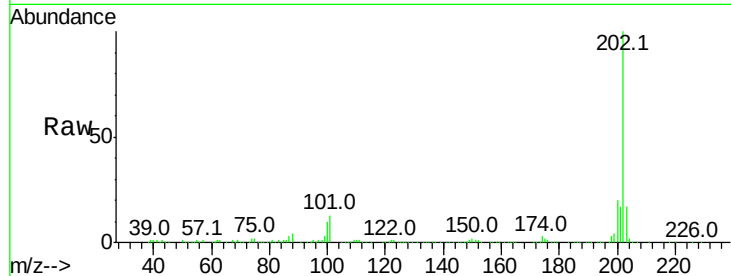
#77
Pvrene
Concen: 12.221 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp Lower	Upper
202	100		
200	20.1	17.6	26.4
203	16.8	14.4	21.6

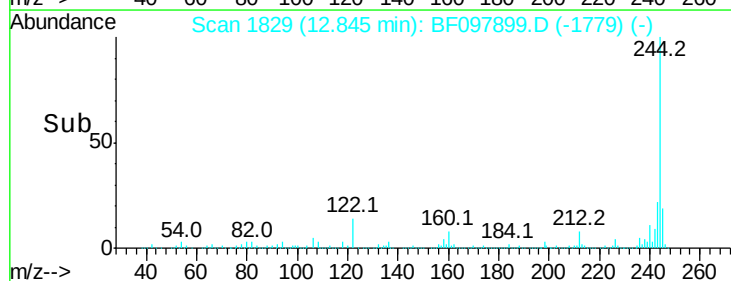
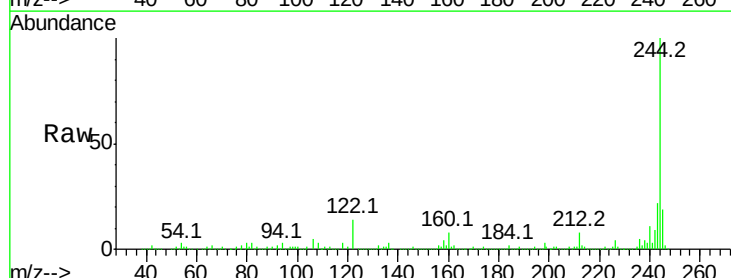
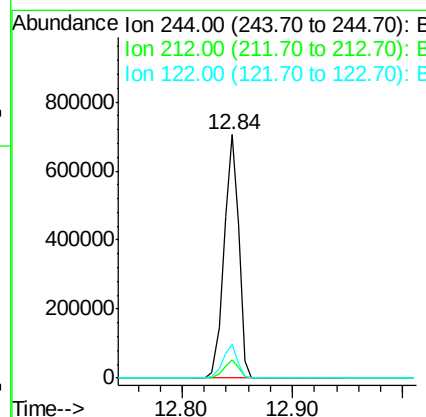
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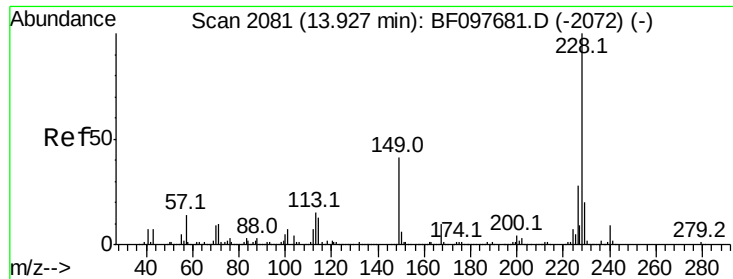
Sohil
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#78
Terphenyl-d14
Concen: 45.682 ng
RT: 12.84 min Scan# 1829
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Resp Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.7	10.3	15.5





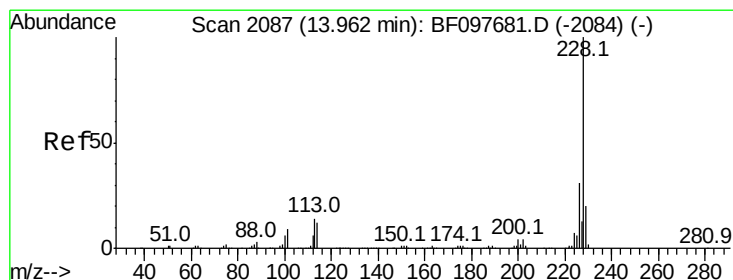
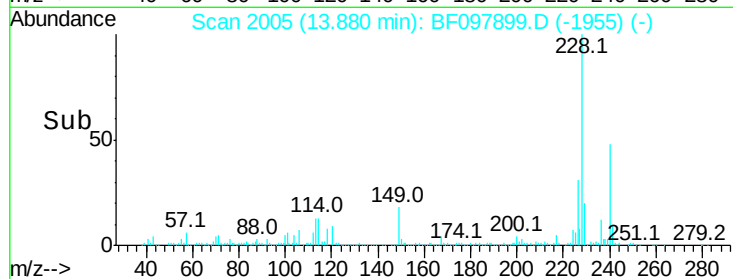
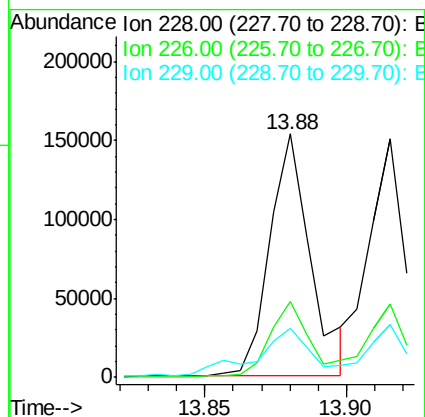
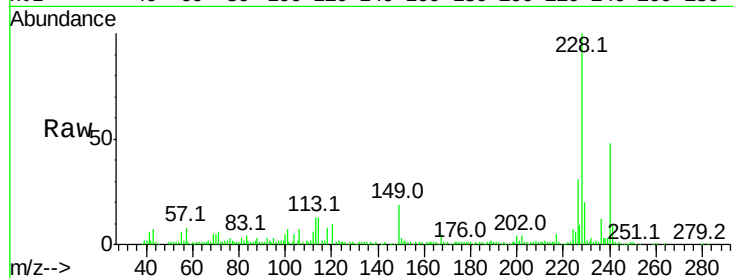
#80
Benzo(a)anthracene
Concen: 8.671 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.3	22.6	33.8
229	20.4	16.3	24.5

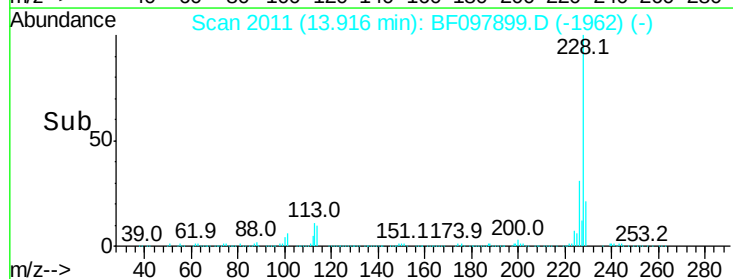
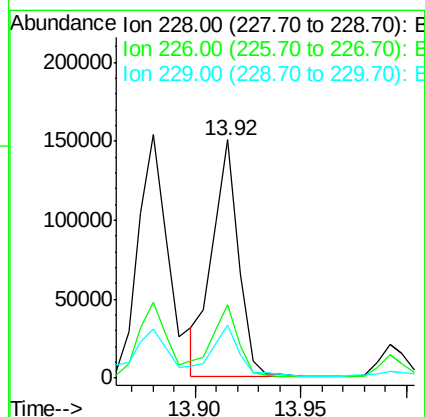
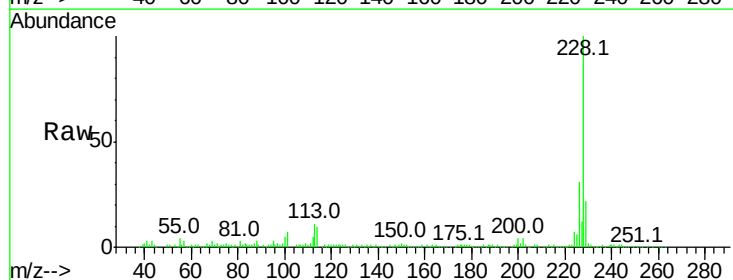
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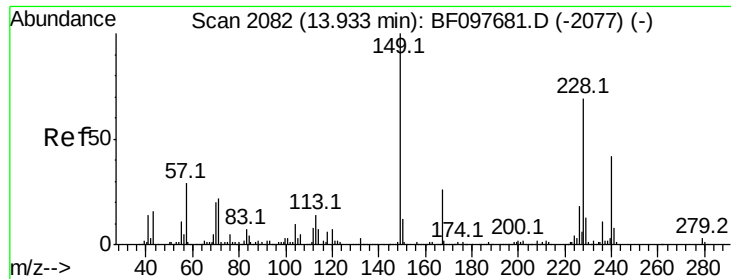
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#82
Chrysene
Concen: 7.440 ng
RT: 13.92 min Scan# 2011
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.9	37.3
229	22.1	15.8	23.6





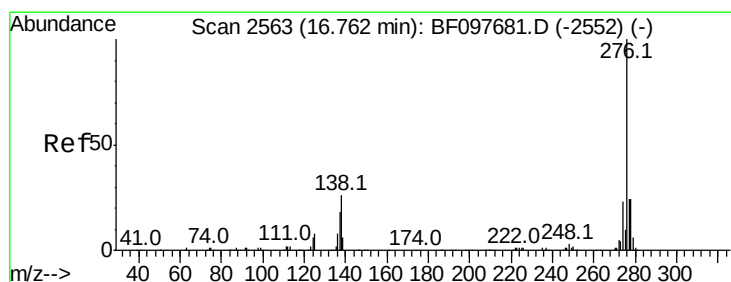
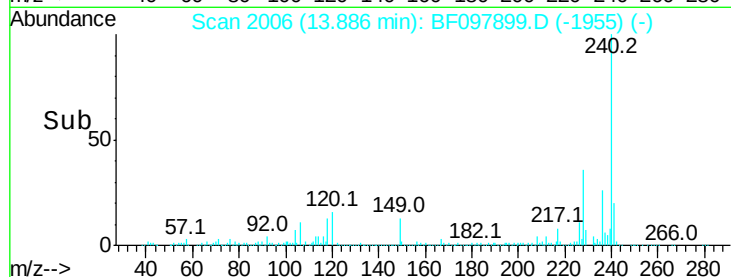
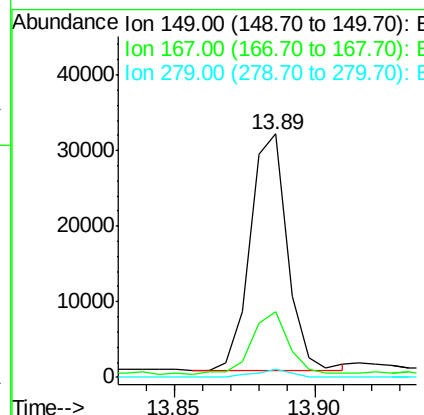
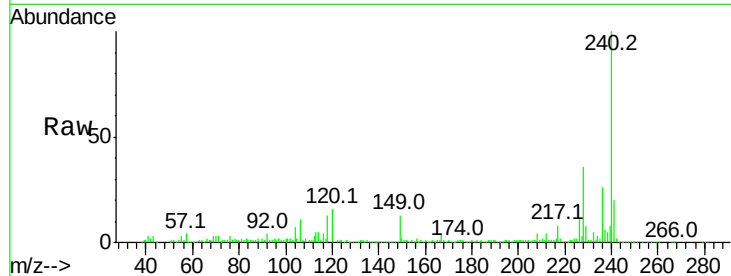
#83
Bis(2-ethylhexyl)phthalate
Concen: 2.797 ng
RT: 13.89 min Scan# 2006
Delta R.T. 0.00 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp	Lower	Upper
149	100	28799		
167	27.2		21.0	31.4
279	3.4		1.9	2.9#

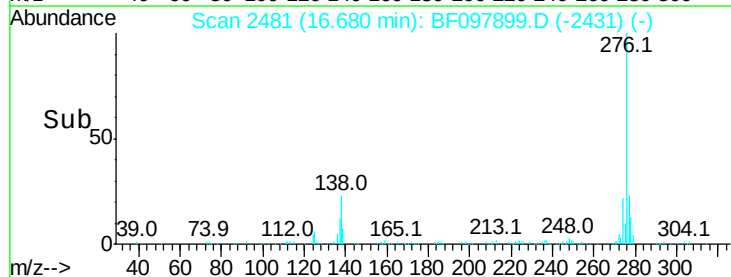
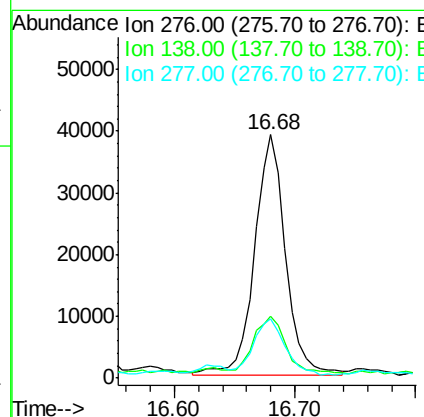
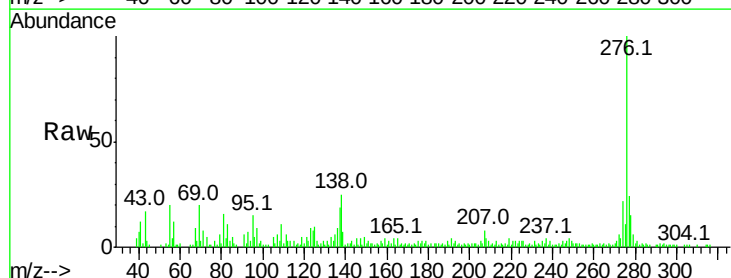
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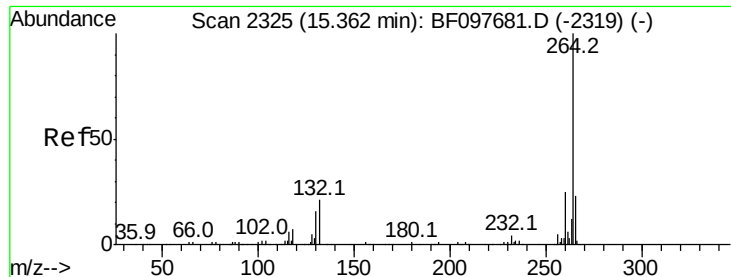
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#85
Indeno(1,2,3-cd)pyrene
Concen: 5.378 ng
RT: 16.68 min Scan# 2481
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	69905		
138	24.4		27.8	41.6#
277	23.4		20.2	30.4





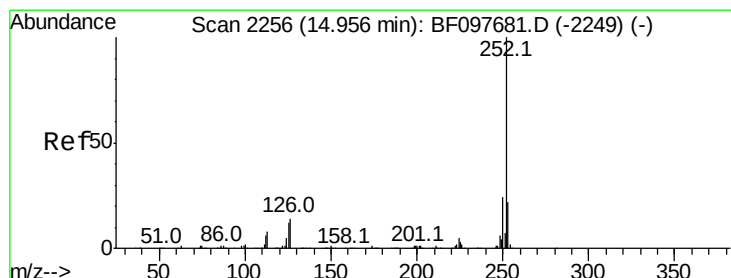
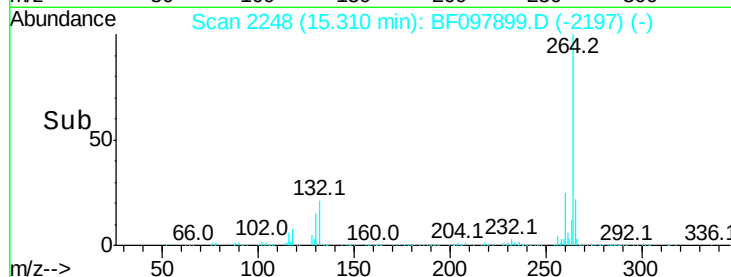
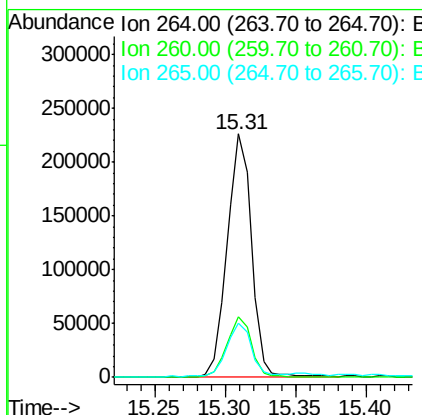
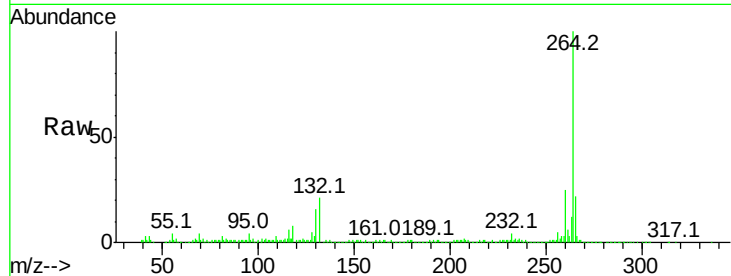
#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.31 min Scan# 2248
Delta R.T. 0.00 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.8	19.5	29.3
265	22.3	17.2	25.8

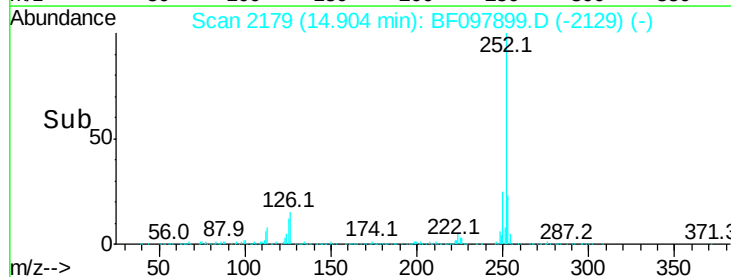
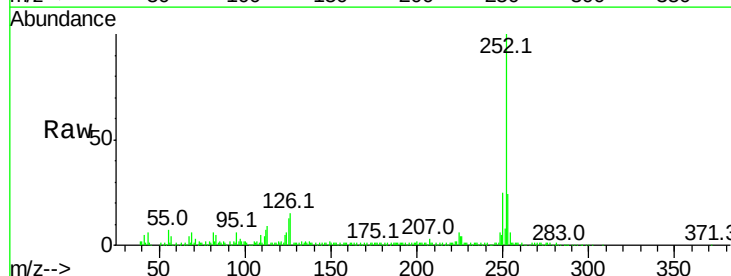
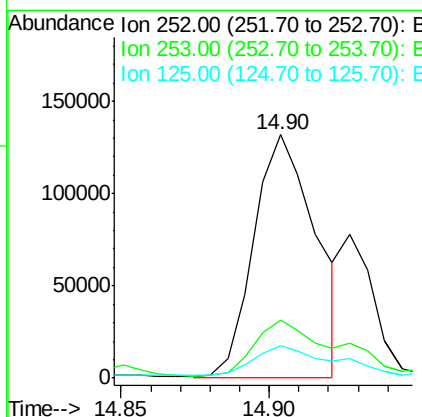
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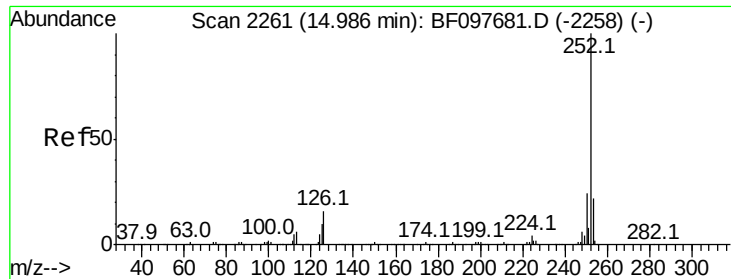
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#87
Benzo(b)fluoranthene
Concen: 11.314 ng m
RT: 14.90 min Scan# 2179
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.1	27.1
125	13.1	9.8	14.8





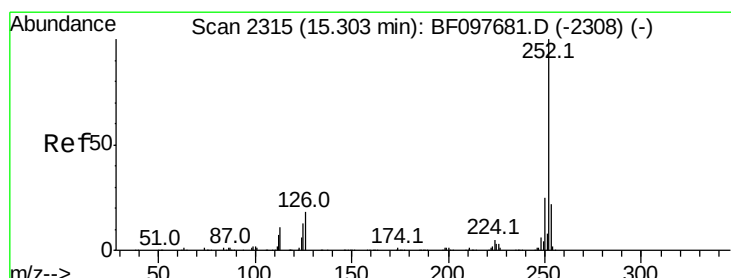
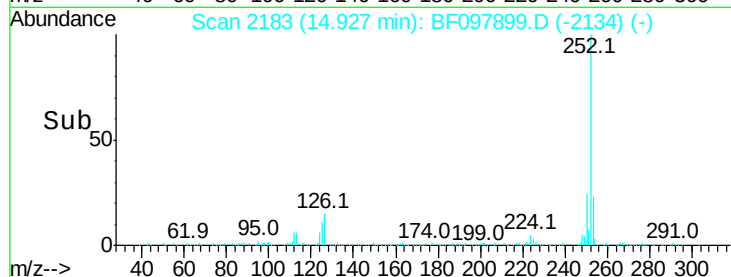
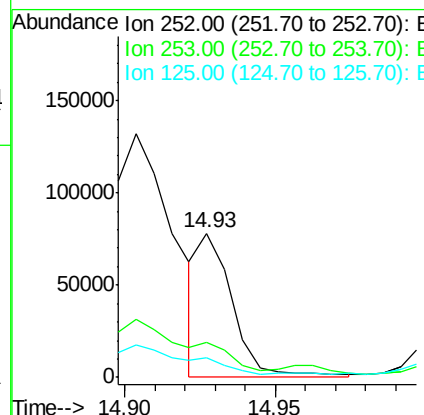
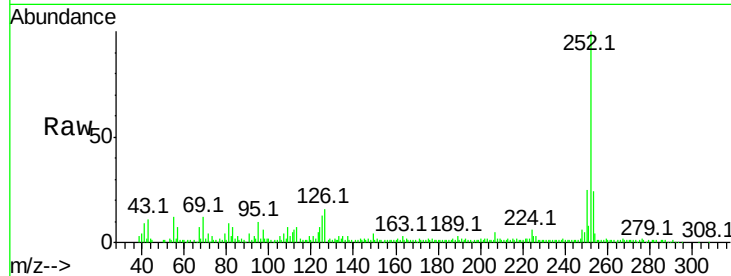
#88
Benzo(k)fluoranthene
Concen: 3.803 ng m
RT: 14.93 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Resp	Lower	Upper
252	100	60945		
253	23.9		18.4	27.6
125	13.2		13.1	19.7

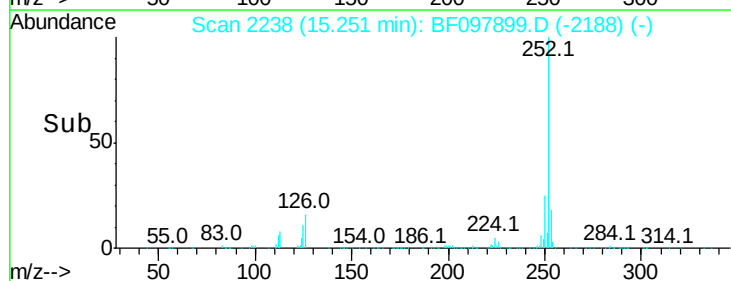
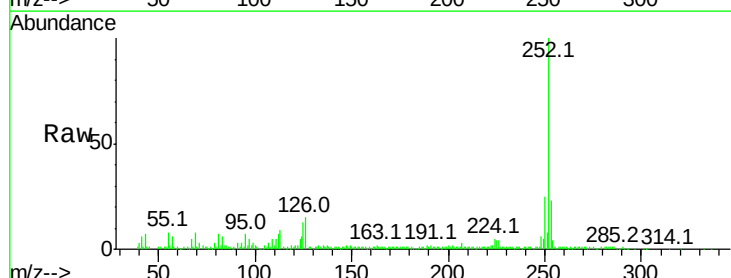
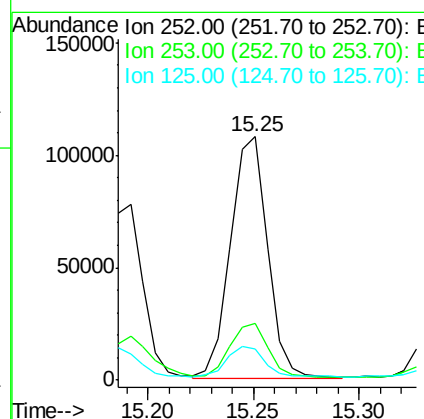
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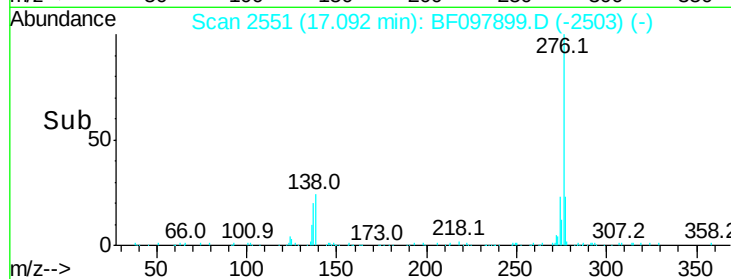
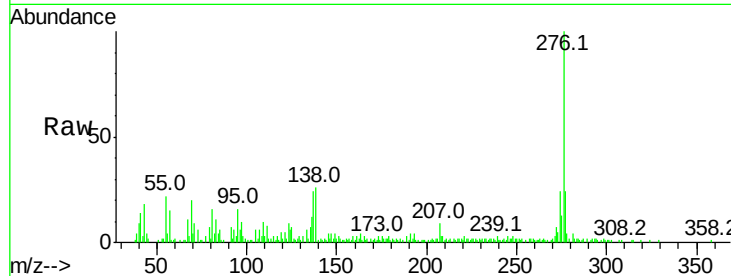
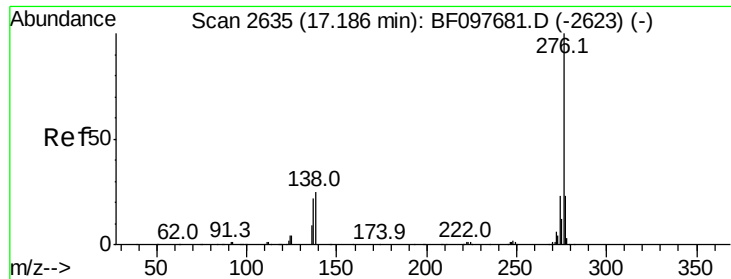
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#89
Benzo(a)pyrene
Concen: 8.622 ng
RT: 15.25 min Scan# 2238
Delta R.T. -0.01 min
Lab File: BF097899.D
Acq: 21 Aug 2017 11:50

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	130188		
253	23.1		17.5	26.3
125	12.7		11.0	16.4





#91
 Benzo(a,h,i)perylene
 Concen: 4.919 ng
 RT: 17.09 min Scan# 2551
 Delta R.T. -0.02 min
 Lab File: BF097899.D
 Acq: 21 Aug 2017 11:50

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.6	28.0
138	26.2	25.4	38.0

Manual Integrations
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