

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097644.D
 Acq On : 12 Aug 2017 20:21
 Operator : SJ/JU
 Sample : I4683-01 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

Quant Time: Aug 14 05:21:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

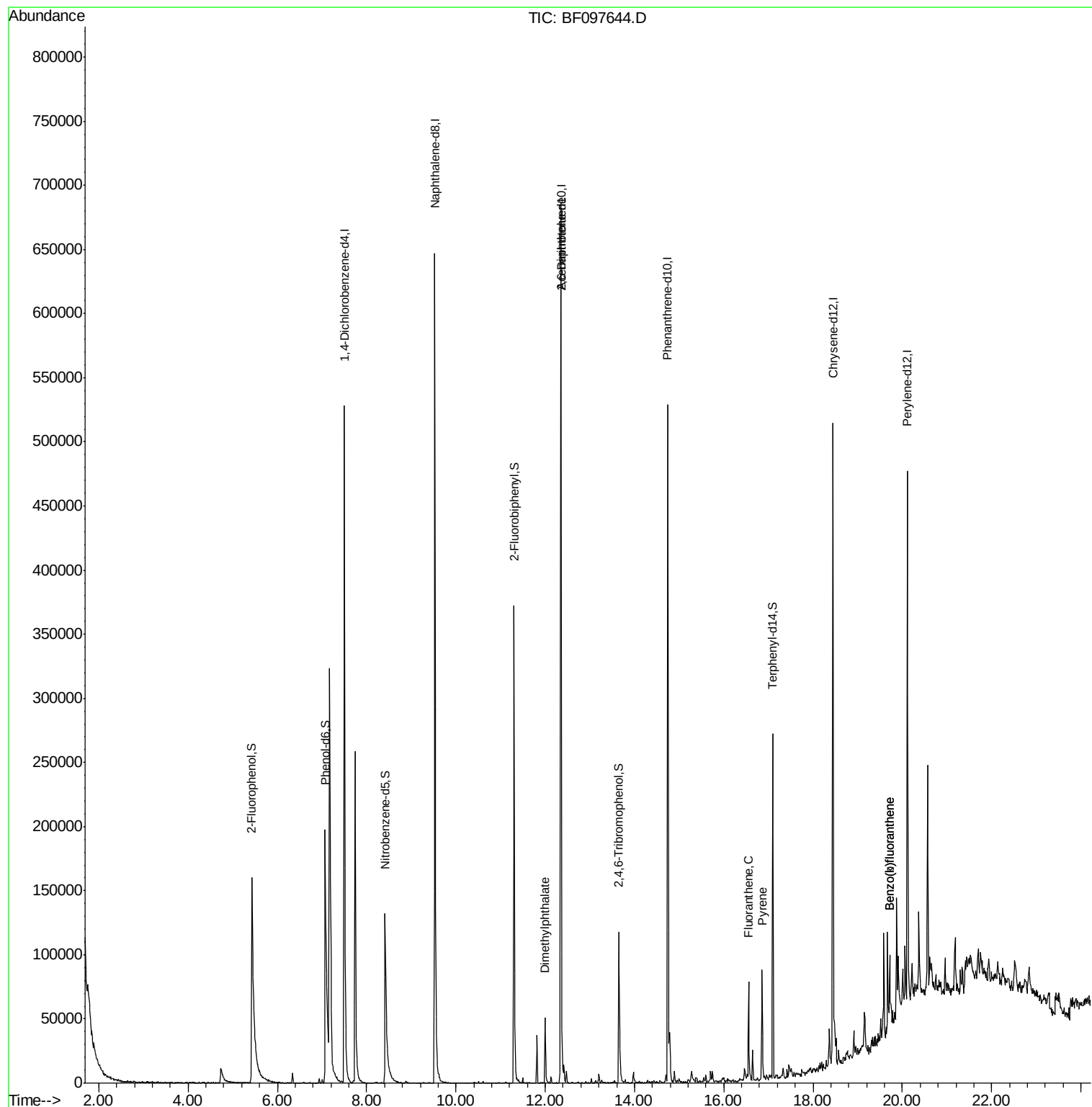
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	122422	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	458215	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	184278	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	268831	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	201757	20.00	ng	-0.02
86) Perylene-d12	20.11	264	185348	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	152958	19.86	ng	0.02
7) Phenol-d6	7.07	99	197346	20.66	ng	0.01
23) Nitrobenzene-d5	8.42	82	109797	15.03	ng	0.00
41) 2,4,6-Tribromophenol	13.65	330	22505	16.07	ng	-0.01
44) 2-Fluorobiphenyl	11.30	172	170824	13.99	ng	-0.02
78) Terphenyl-d14	17.10	244	91742	9.41	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.00	163	32785	2.31	ng	97
50) 2,6-Dinitrotoluene	12.35	165	22212	7.57	ng	# 31
74) Fluoranthene	16.56	202	43342	3.10	ng	96
77) Pyrene	16.86	202	39679	2.38	ng	# 95
87) Benzo(b)fluoranthene	19.71	252	34565	3.11	ng	# 90
88) Benzo(k)fluoranthene	19.71	252	34565	3.08	ng	94

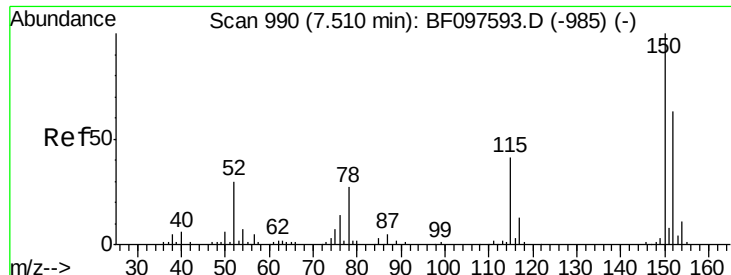
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
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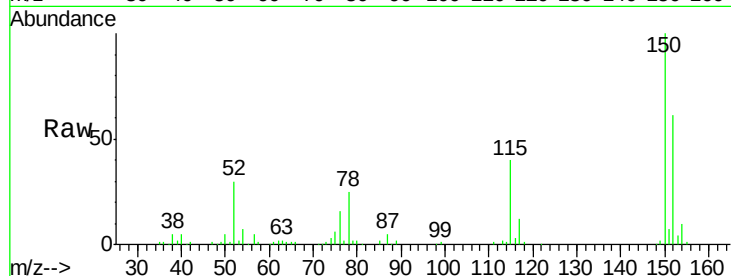


#1

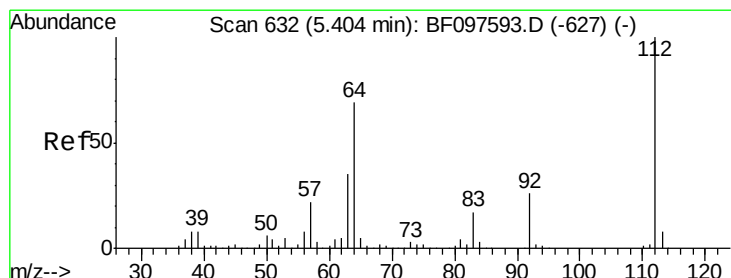
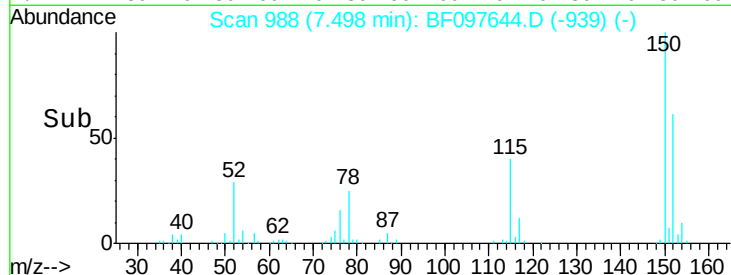
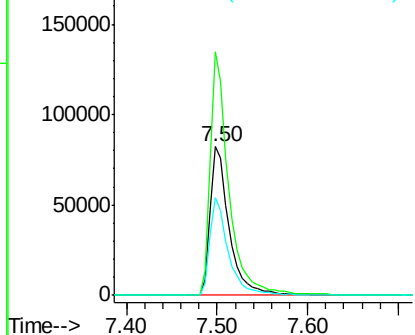
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOPE-WC-001

Tot Ion:152 Resp: 122422
Ion Ratio Lower Upper
152 100
150 164.2 126.2 189.2
115 66.0 52.2 78.2



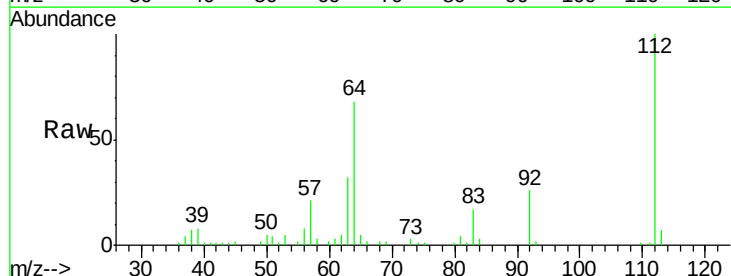
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



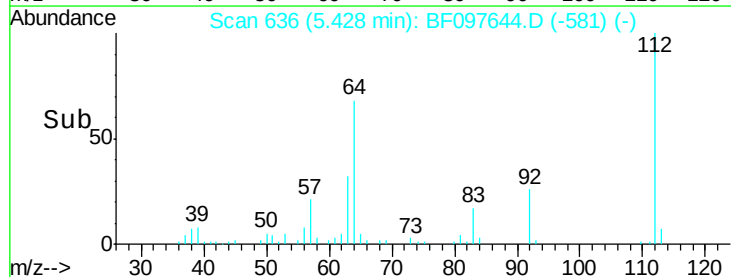
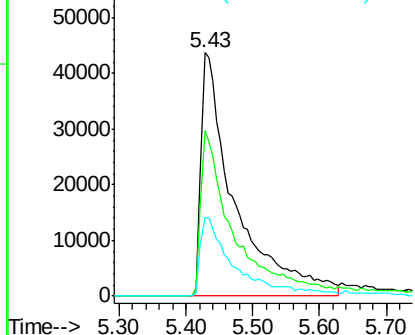
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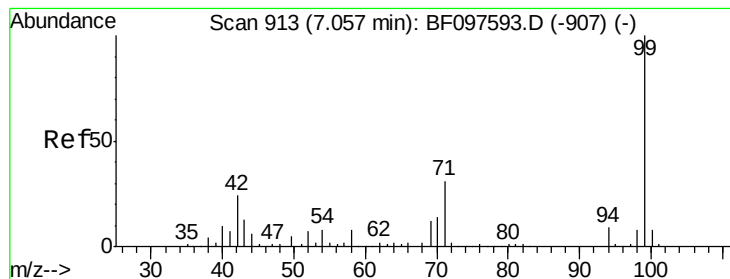
2-Fluorophenol
Concen: 19.86 ng
RT: 5.43 min Scan# 636
Delta R.T. 0.02 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion:112 Resp: 152958
Ion Ratio Lower Upper
112 100
64 67.8 46.0 69.0
63 32.2 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: 20.66 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097644.D

Acq: 12 Aug 2017 20:21

Instrument :

BNA_F

ClientSampleId :

CAPTAINSCOVE-WC-001

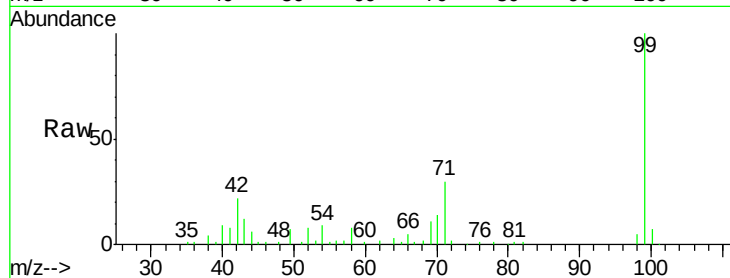
Tot Ion: 99 Resp: 197346

Ion Ratio Lower Upper

99 100

42 22.4 13.5 20.3#

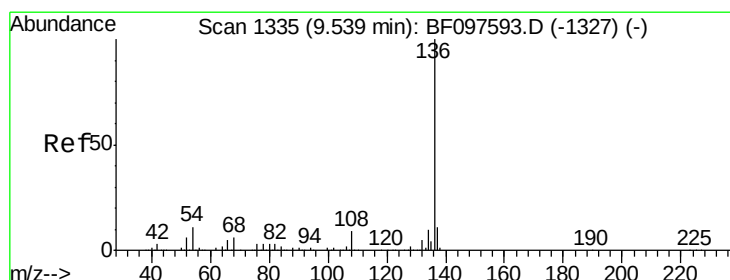
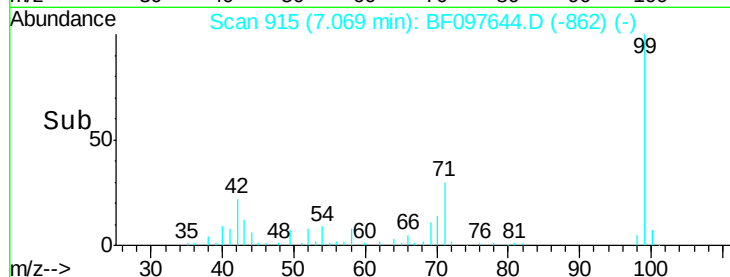
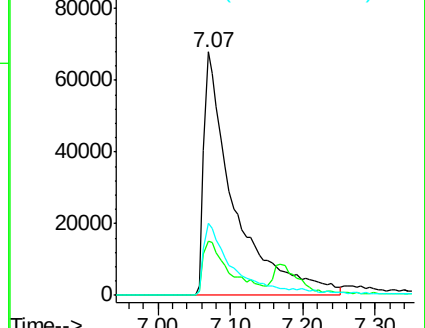
71 29.6 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097644.D

Acq: 12 Aug 2017 20:21

Tgt Ion: 136 Resp: 458215

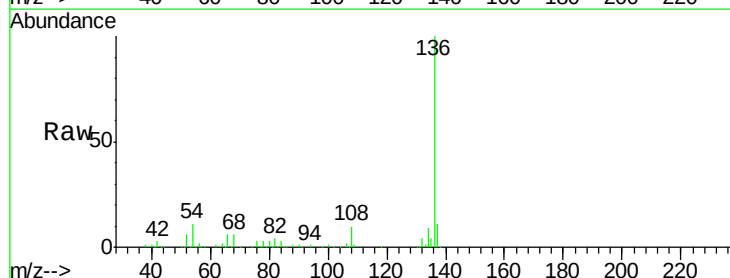
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 11.4 4.9 7.3#

68 5.9 4.1 6.1

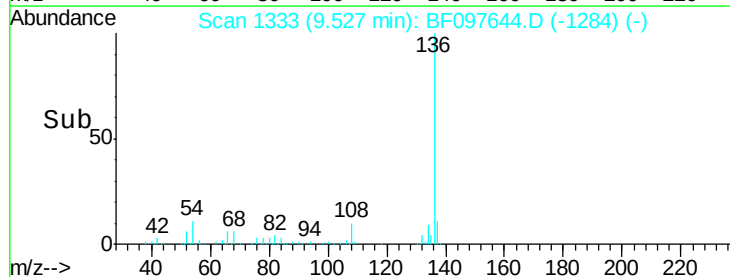
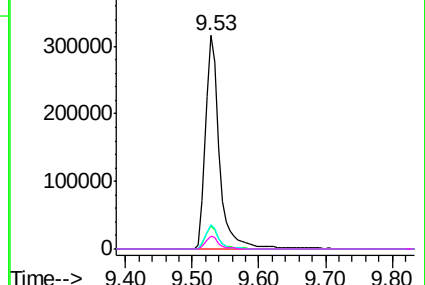


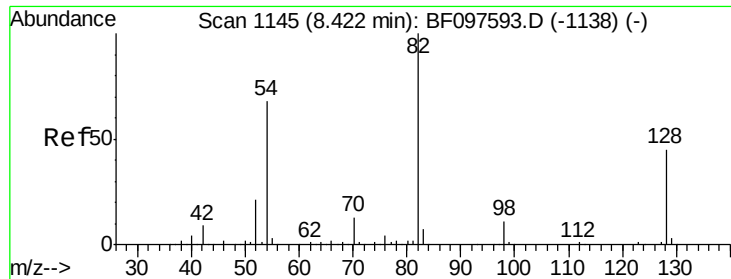
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

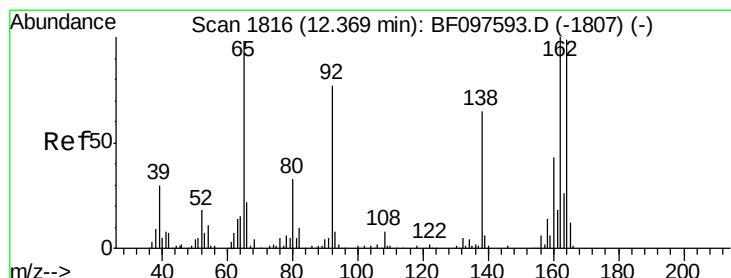
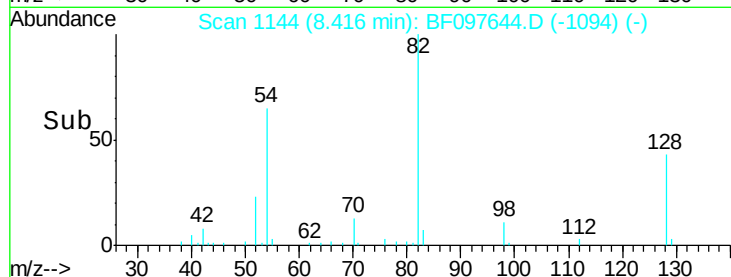
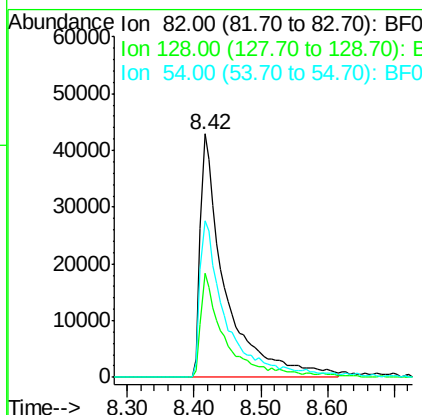
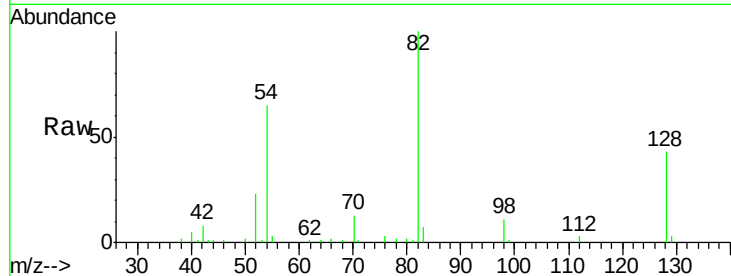




#23
 Nitrobenzene-d5
 Concen: 15.03 ng
 RT: 8.42 min Scan# 1144
 Delta R.T. -0.01 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

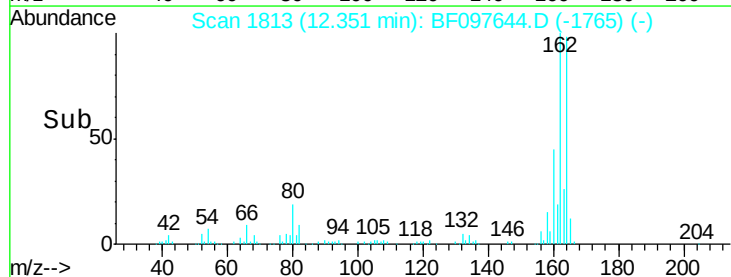
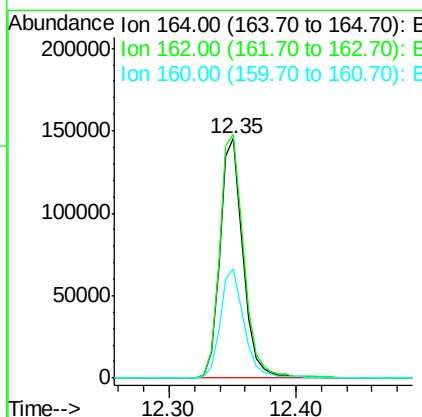
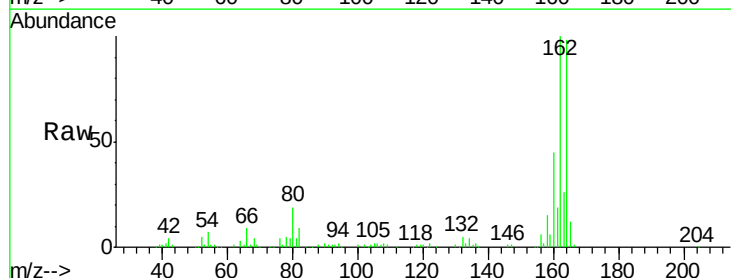
Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

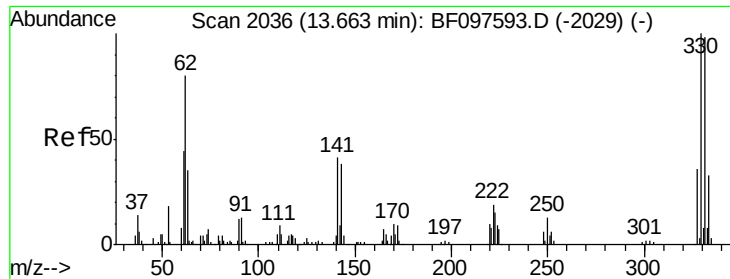
Tot Ion: 82 Resp: 109797
 Ion Ratio Lower Upper
 82 100
 128 42.6 34.0 51.0
 54 64.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Tgt Ion: 164 Resp: 184278
 Ion Ratio Lower Upper
 164 100
 162 101.6 82.6 123.8
 160 45.6 36.2 54.2

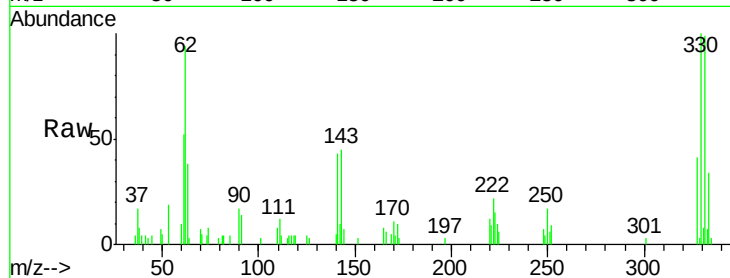




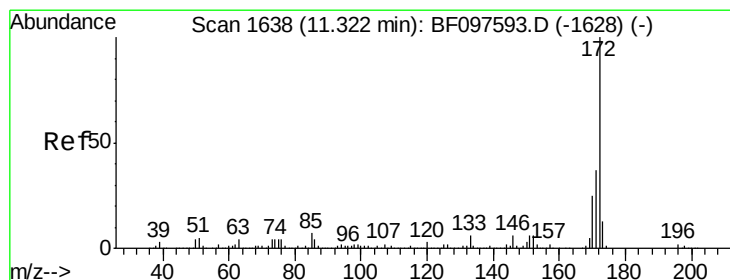
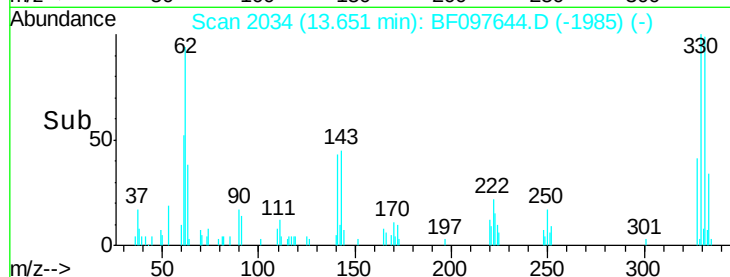
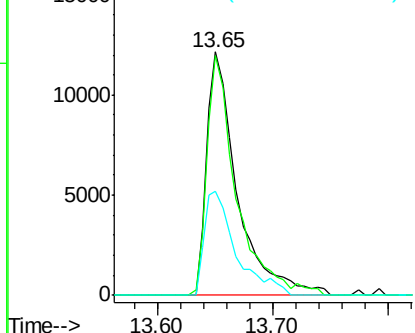
#41
2,4,6-Tribromophenol
Concen: 16.07 ng
RT: 13.65 min Scan# 2034
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion:330 Resp: 22505
Ion Ratio Lower Upper
330 100
332 95.2 76.6 115.0
141 44.2 31.4 47.2

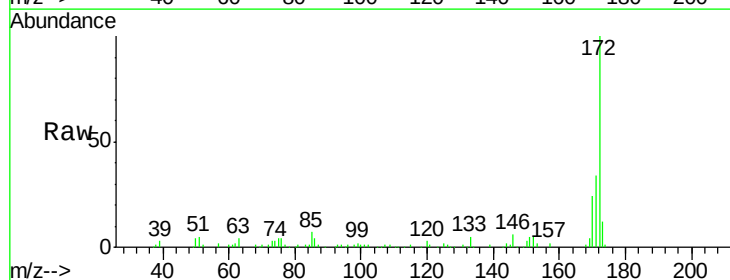


Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

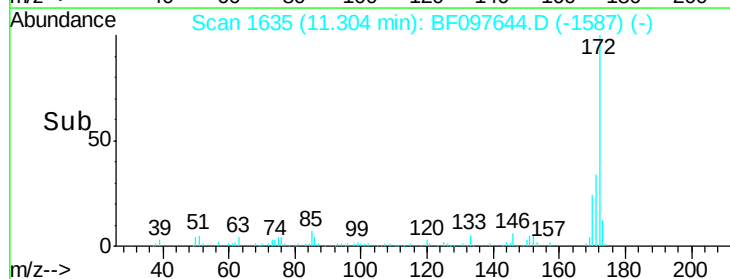
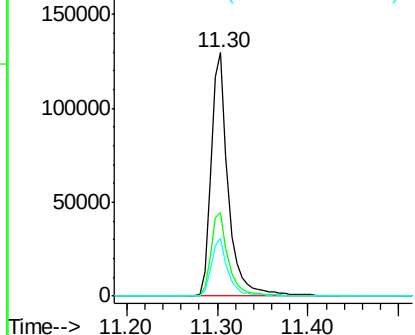


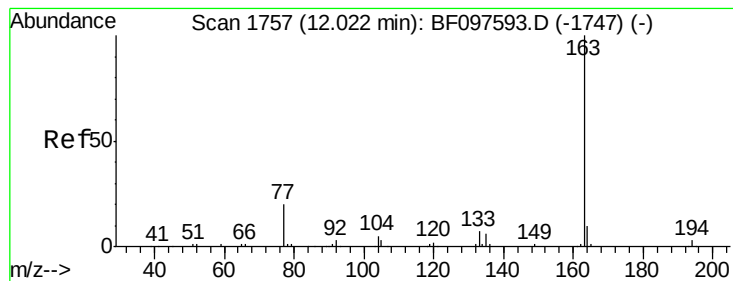
#44
2-Fluorobiphenyl
Concen: 13.99 ng
RT: 11.30 min Scan# 1635
Delta R.T. -0.02 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion:172 Resp: 170824
Ion Ratio Lower Upper
172 100
171 34.3 29.6 44.4
170 24.1 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: 2.31 ng

RT: 12.00 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF097644.D

Acq: 12 Aug 2017 20:21

Instrument :

BNA_F

ClientSampleId :

CAPTAINSCOVE-WC-001

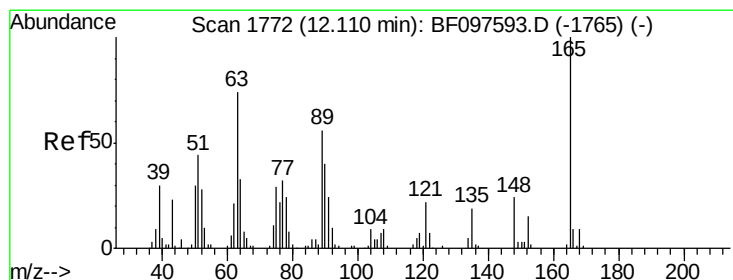
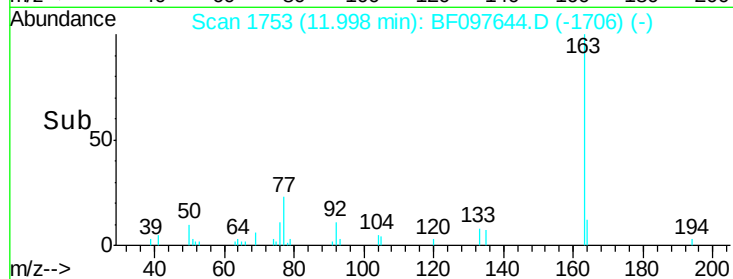
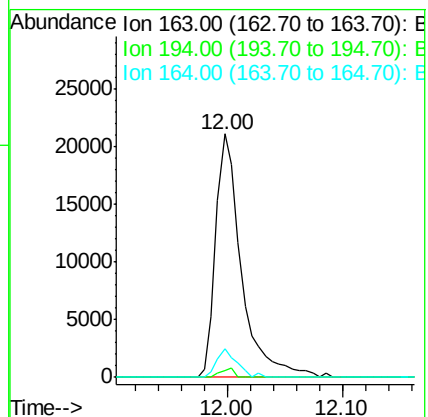
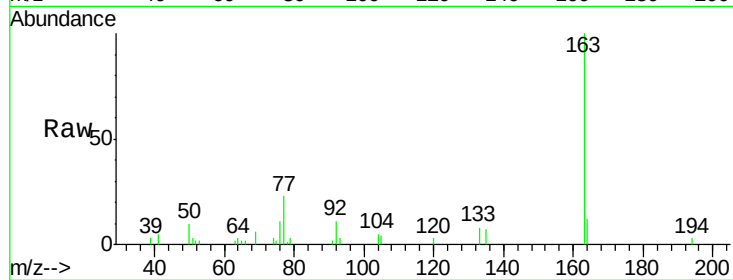
Tot Ion:163 Resp: 32785

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

164 11.6 8.4 12.6



#50

2,6-Dinitrotoluene

Concen: 7.57 ng

RT: 12.35 min Scan# 1813

Delta R.T. 0.24 min

Lab File: BF097644.D

Acq: 12 Aug 2017 20:21

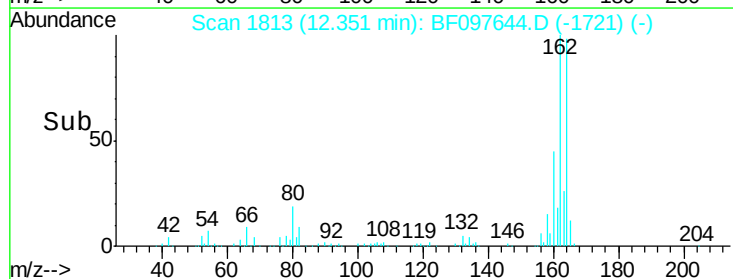
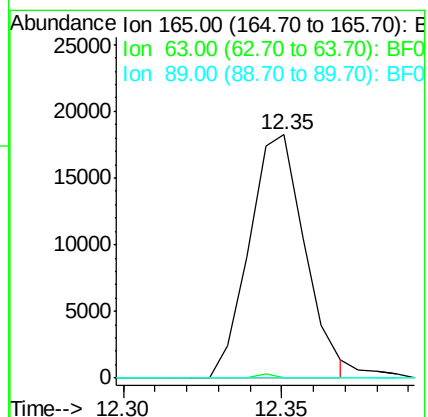
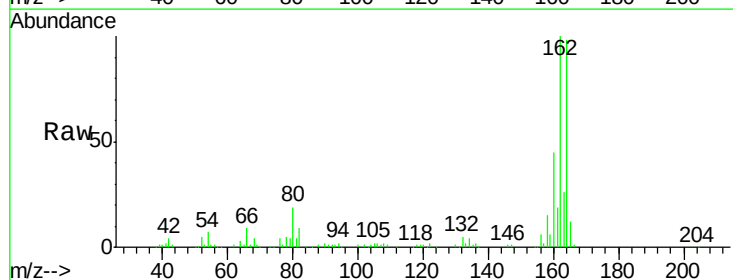
Tgt Ion:165 Resp: 22212

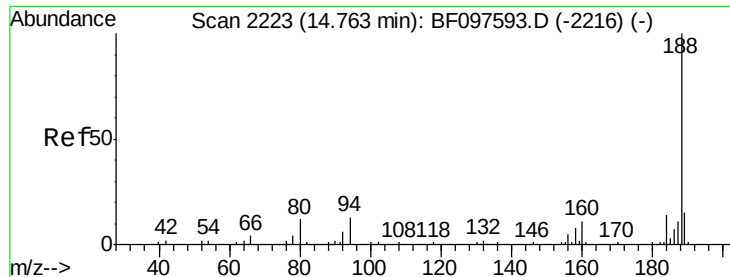
Ion Ratio Lower Upper

165 100

63 0.0 34.3 51.5#

89 0.0 37.1 55.7#

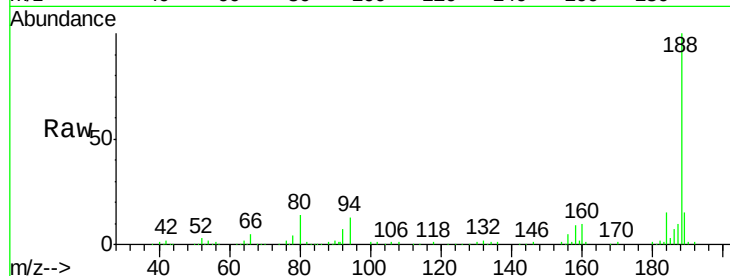




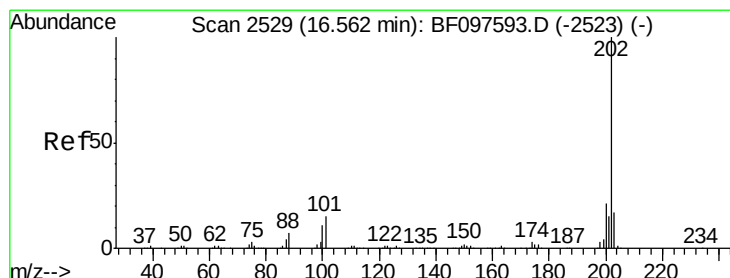
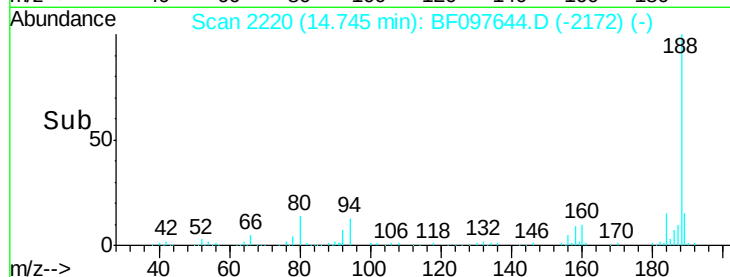
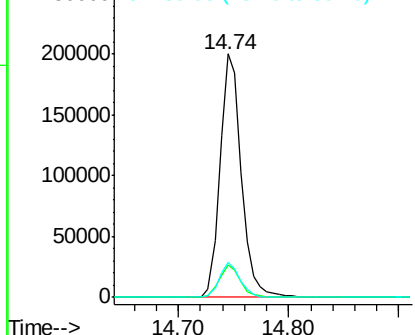
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.74 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion:188 Resp: 268831
Ion Ratio Lower Upper
188 100
94 13.3 9.4 14.2
80 14.1 10.2 15.2

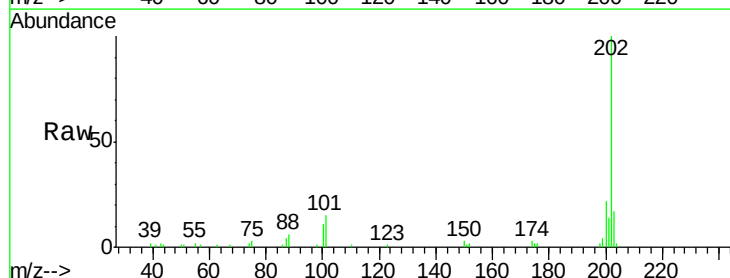


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

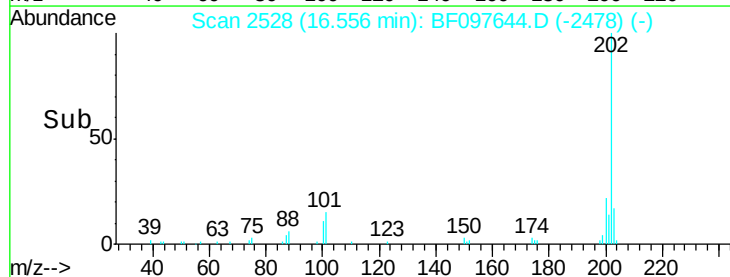
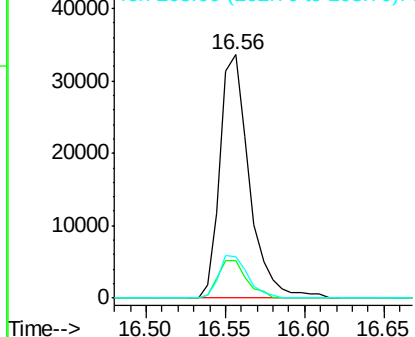


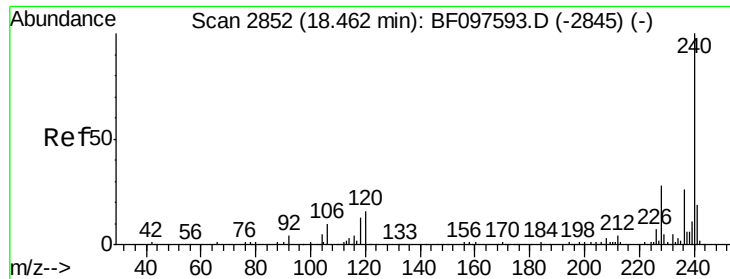
#74
Fluoranthene
Concen: 3.10 ng
RT: 16.56 min Scan# 2528
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion:202 Resp: 43342
Ion Ratio Lower Upper
202 100
101 15.4 0.0 33.2
203 17.1 0.0 38.1



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

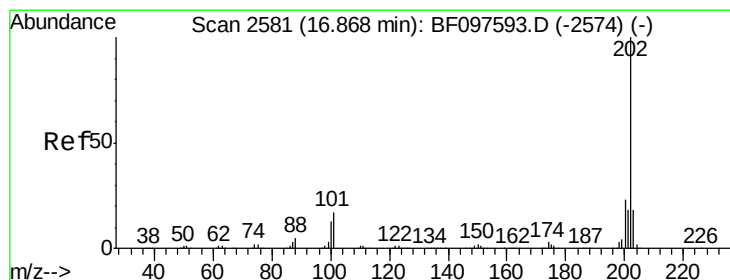
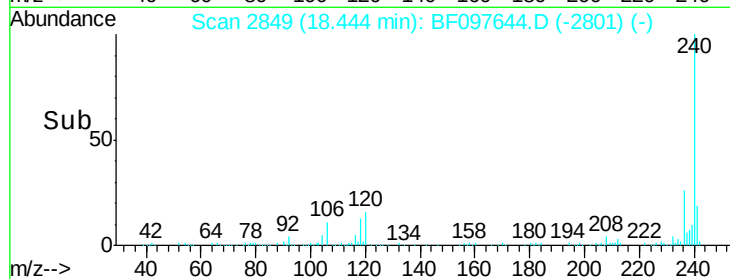
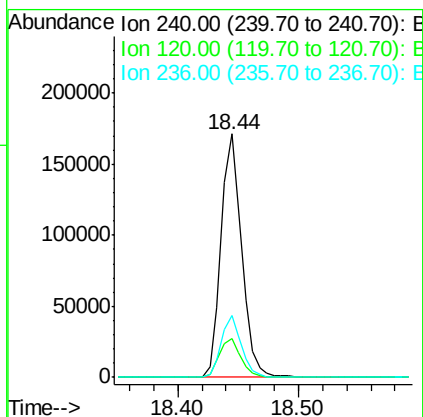
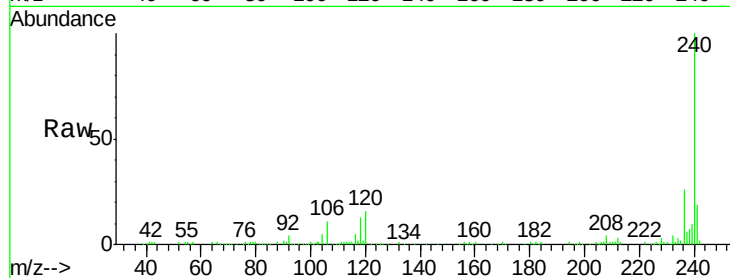




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.44 min Scan# 2849
 Delta R.T. -0.02 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

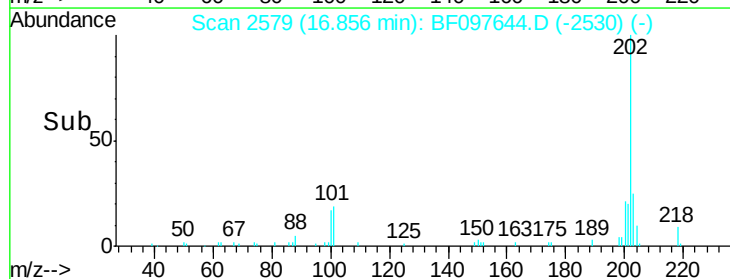
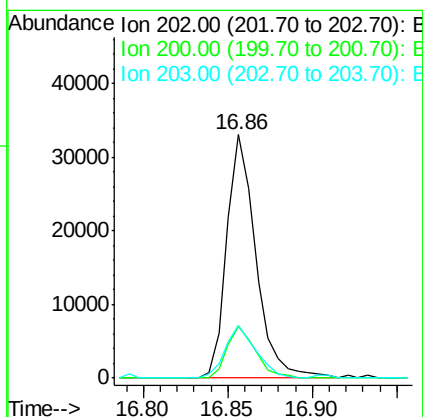
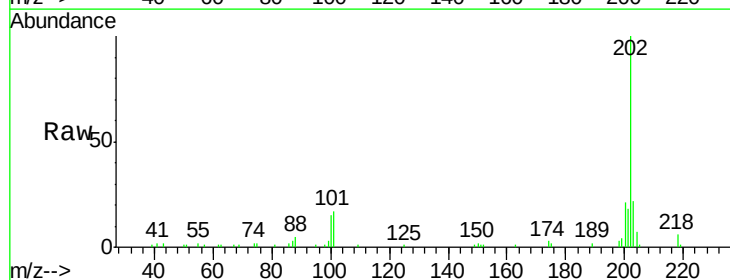
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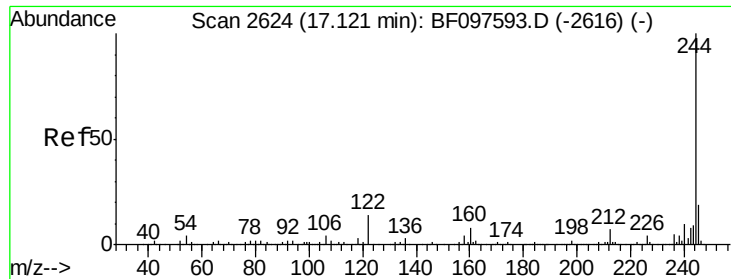
Tot Ion:240 Resp: 201757
 Ion Ratio Lower Upper
 240 100
 120 15.9 5.8 8.8#
 236 25.5 20.5 30.7



#77
 Pyrene
 Concen: 2.38 ng
 RT: 16.86 min Scan# 2579
 Delta R.T. -0.01 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Tgt Ion:202 Resp: 39679
 Ion Ratio Lower Upper
 202 100
 200 21.4 17.6 26.4
 203 22.0 14.4 21.6#

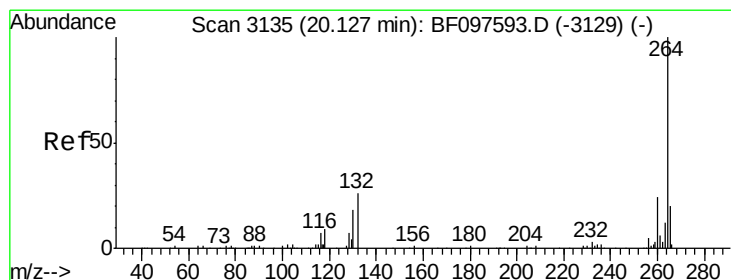
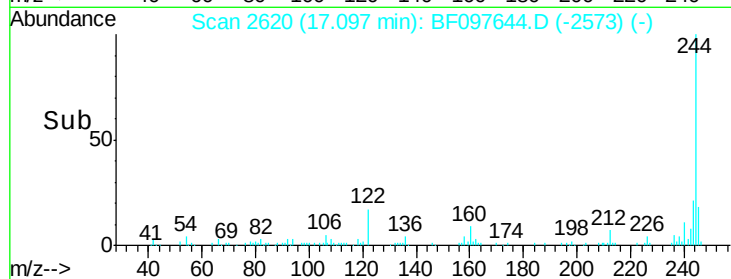
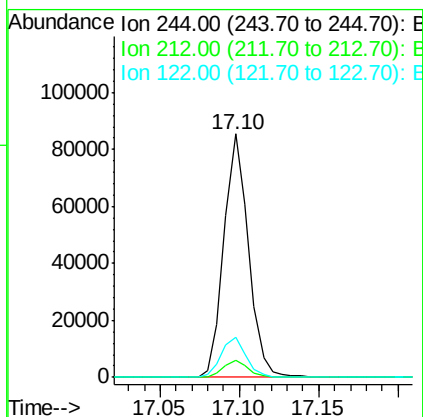
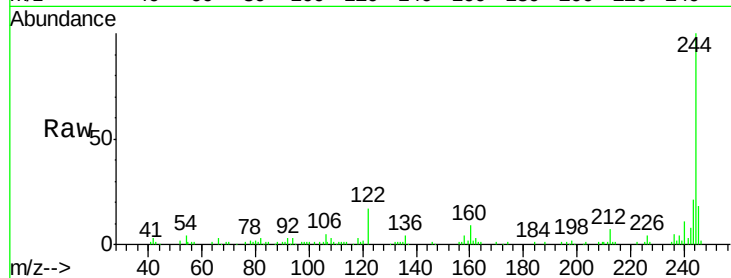




#78
 Terphenyl-d14
 Concen: 9.41 ng
 RT: 17.10 min Scan# 2620
 Delta R.T. -0.02 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

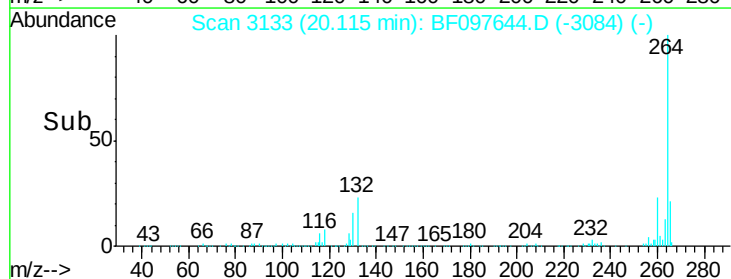
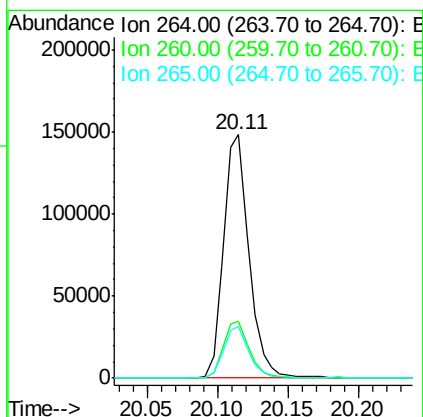
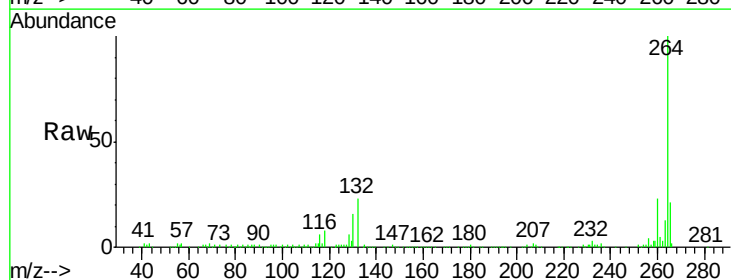
Instrument :
 BNA_F
 ClientSampleId :
 CAPTAINSCOVE-WC-001

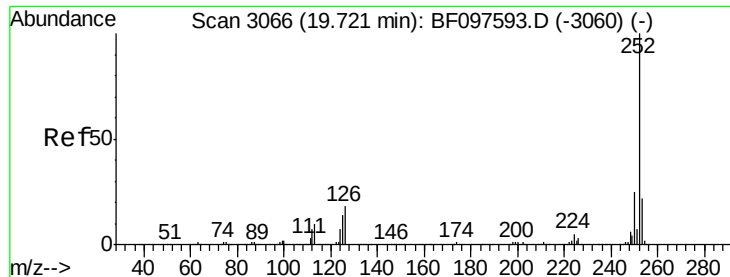
Tot Ion:244 Resp: 91742
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 16.5 10.3 15.5#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.11 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF097644.D
 Acq: 12 Aug 2017 20:21

Tgt Ion:264 Resp: 185348
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.5 29.3
 265 21.3 17.2 25.8

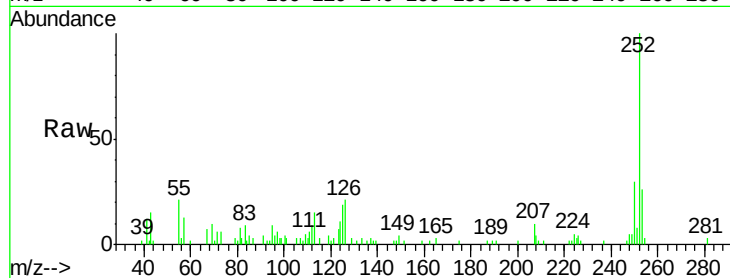




#87
Benzo(b)fluoranthene
Concen: 3.11 ng
RT: 19.71 min Scan# 3065
Delta R.T. -0.01 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Instrument :
BNA_F
ClientSampleId :
CAPTAINSCOVE-WC-001

Tot Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.1	27.1
125	18.9	9.8	14.8

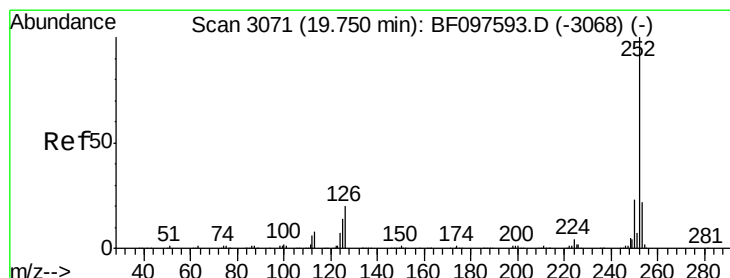
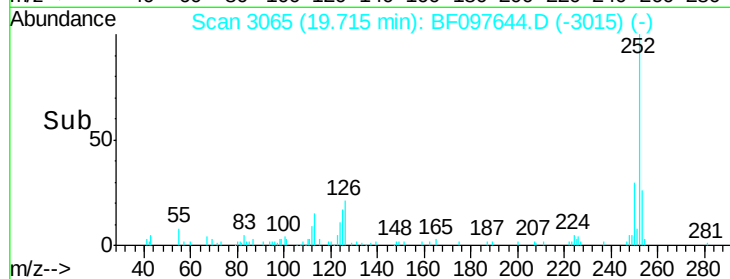
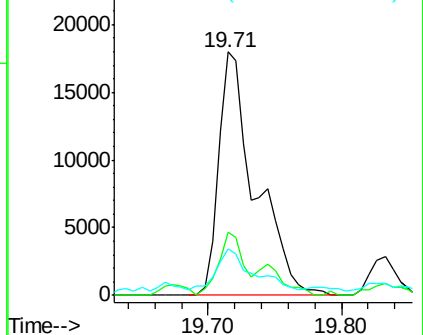


Abundance

Ion 252.00 (251.70 to 252.70): E

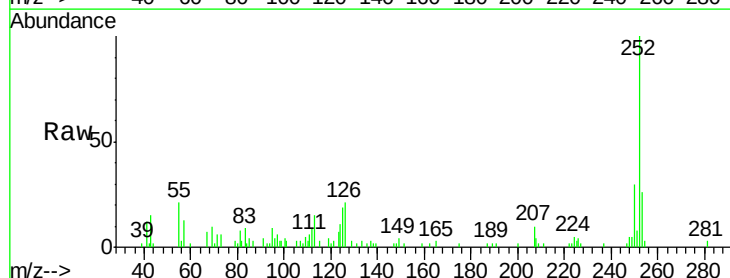
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88
Benzo(k)fluoranthene
Concen: 3.08 ng
RT: 19.71 min Scan# 3065
Delta R.T. -0.04 min
Lab File: BF097644.D
Acq: 12 Aug 2017 20:21

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.7	18.4	27.6
125	18.9	13.1	19.7



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

