

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097642.D
 Acq On : 12 Aug 2017 19:15
 Operator : SJ/JU
 Sample : I4705-01
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Quant Time: Aug 14 05:21:04 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

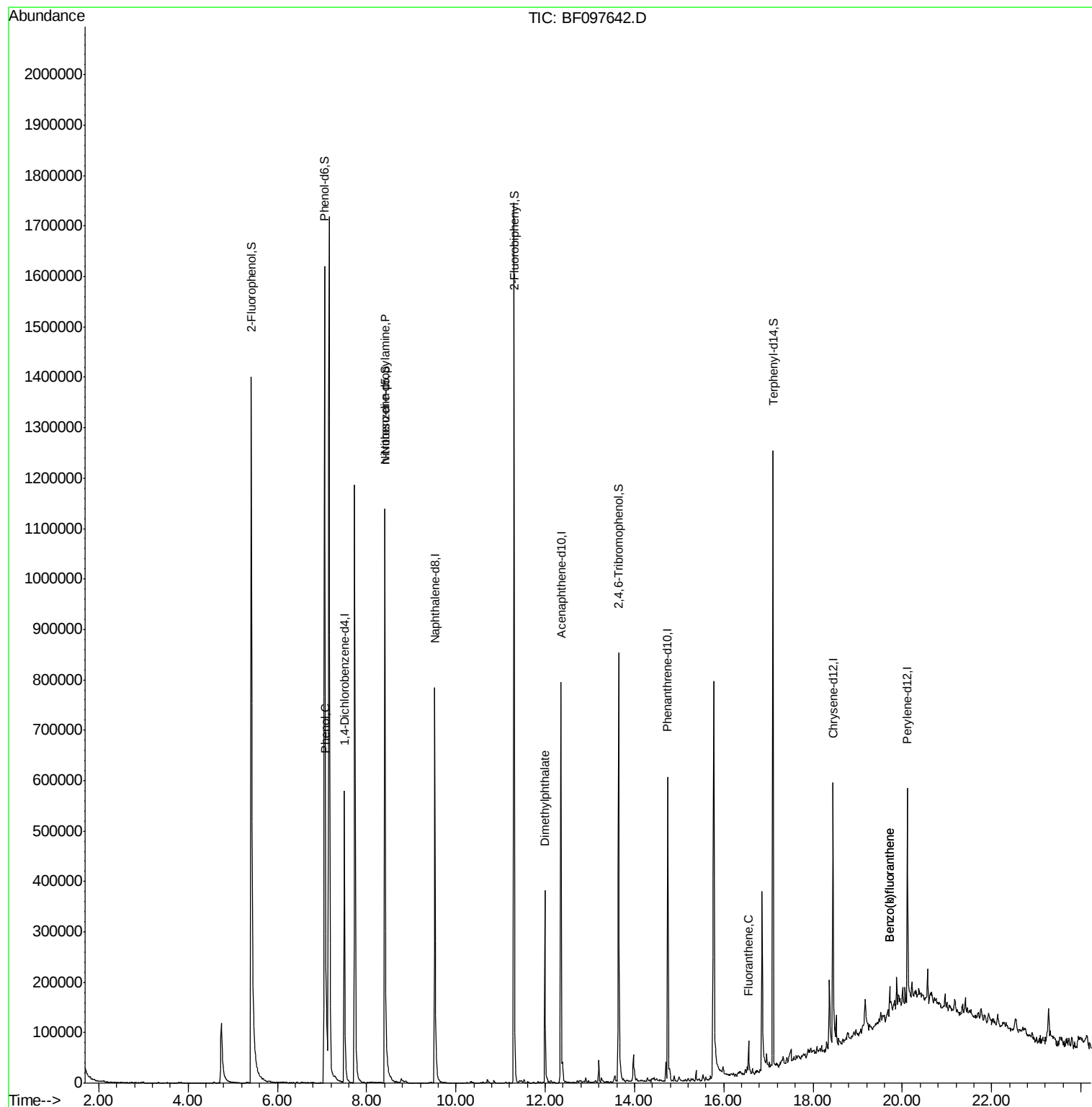
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	128502	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	521838	20.00	ng	-0.01
38) Acenaphthene-d10	12.35	164	219838	20.00	ng	-0.02
63) Phenanthrene-d10	14.74	188	300253	20.00	ng	-0.02
75) Chrysene-d12	18.44	240	202497	20.00	ng	-0.02
86) Perylene-d12	20.12	264	187446	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	752070	93.03	ng	0.01
7) Phenol-d6	7.06	99	871648	86.91	ng	0.00
23) Nitrobenzene-d5	8.41	82	533664	64.13	ng	-0.01
41) 2,4,6-Tribromophenol	13.64	330	130106	77.85	ng	-0.02
44) 2-Fluorobiphenyl	11.30	172	783426	53.78	ng	-0.02
78) Terphenyl-d14	17.10	244	446022	45.59	ng	-0.02
Target Compounds						
10) Phenol	7.07	94	28359	2.58	ng	# 47
19) n-Nitroso-di-n-propylamine	8.41	70	69897	10.02	ng	# 86
49) Dimethylphthalate	11.99	163	211215	12.47	ng	99
74) Fluoranthene	16.56	202	35509	2.27	ng	99
87) Benzo(b)fluoranthene	19.72	252	35978	3.20	ng	# 90
88) Benzo(k)fluoranthene	19.72	252	35978	3.17	ng	# 94

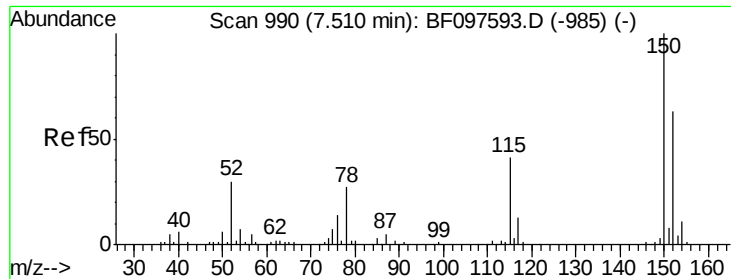
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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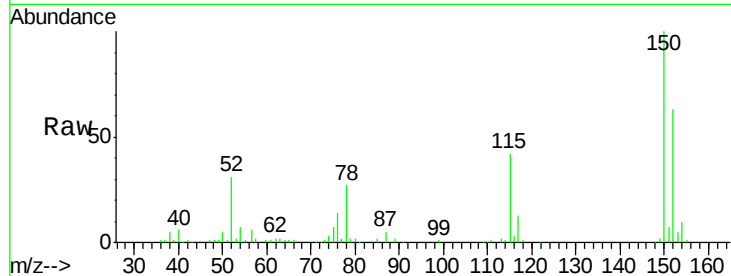


#1

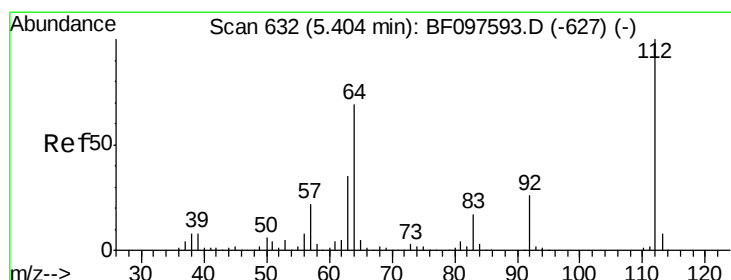
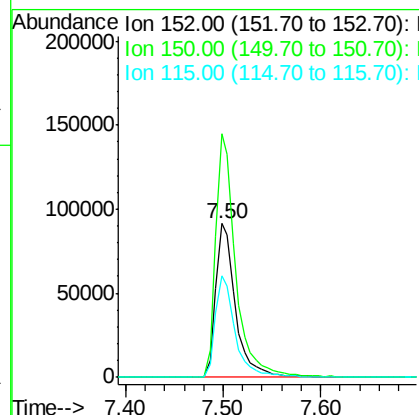
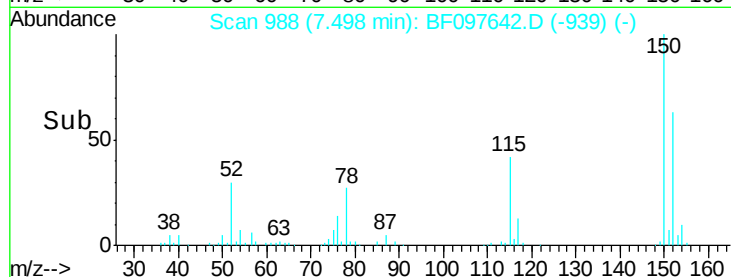
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

Instrument :
BNA_F
ClientSampleId :
SP-A-COMP

Tot Ion:152 Resp: 128502
Ion Ratio Lower Upper
152 100
150 158.3 126.2 189.2
115 65.8 52.2 78.2



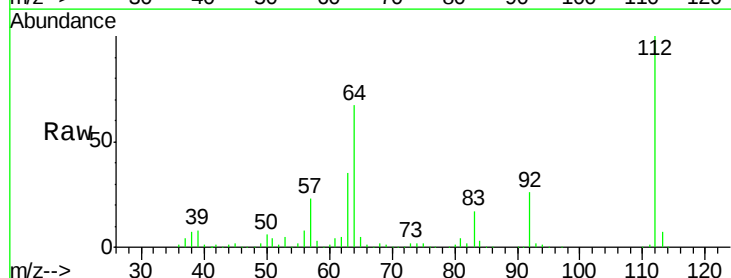
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



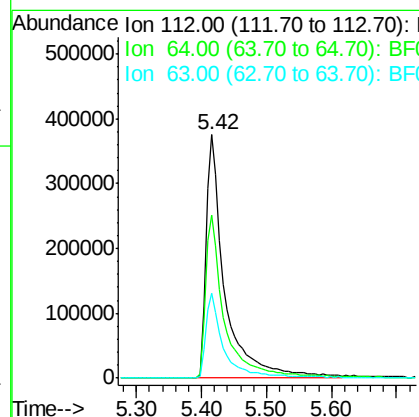
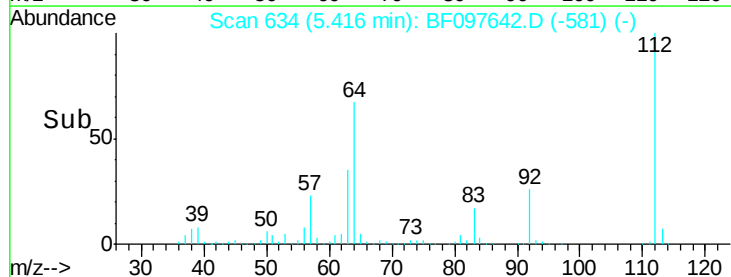
#5

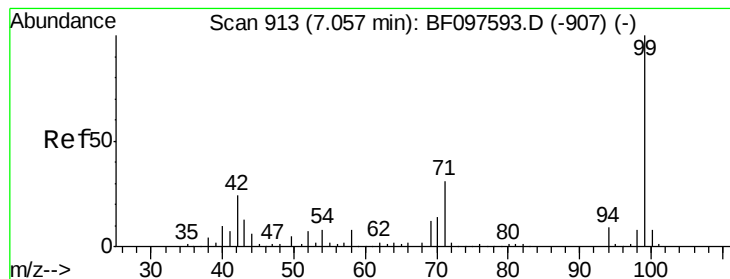
2-Fluorophenol
Concen: 93.03 ng
RT: 5.42 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

Tgt Ion:112 Resp: 752070
Ion Ratio Lower Upper
112 100
64 67.0 46.0 69.0
63 34.9 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: 86.91 ng

RT: 7.06 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP

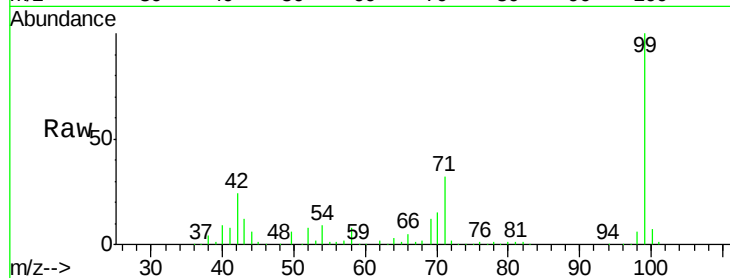
Tot Ion: 99 Resp: 871648

Ion Ratio Lower Upper

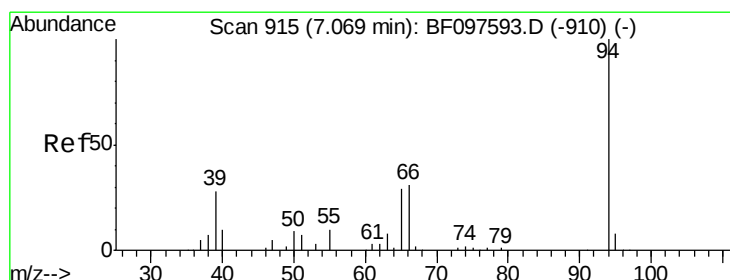
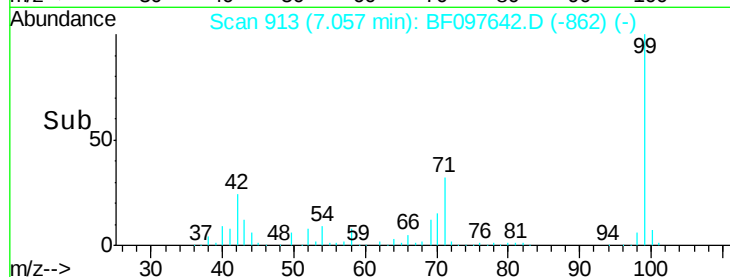
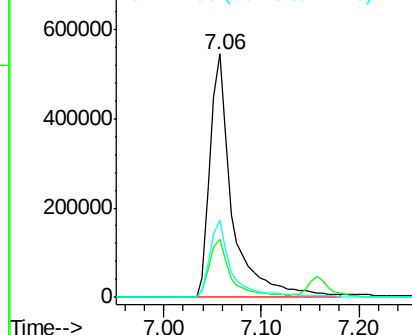
99 100

42 24.0 13.5 20.3#

71 31.7 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



#10

Phenol

Concen: 2.58 ng

RT: 7.07 min Scan# 916

Delta R.T. 0.01 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

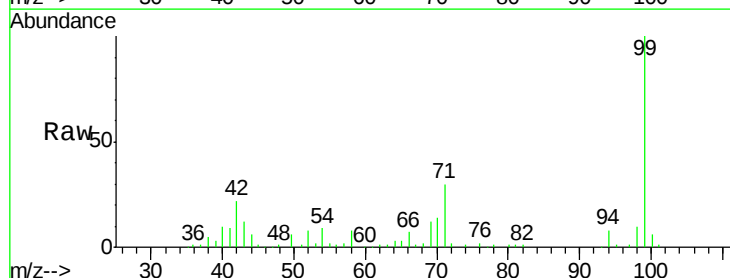
Tgt Ion: 94 Resp: 28359

Ion Ratio Lower Upper

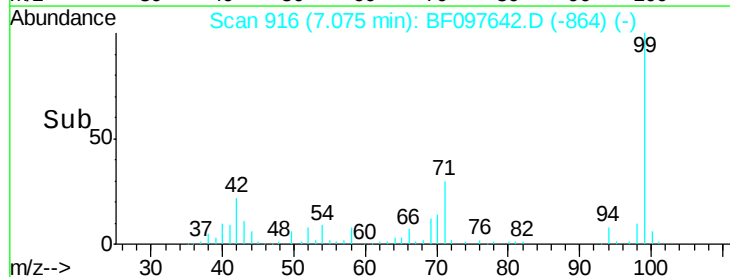
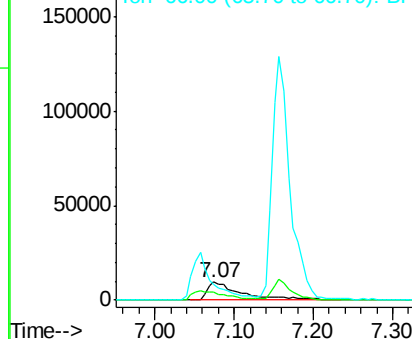
94 100

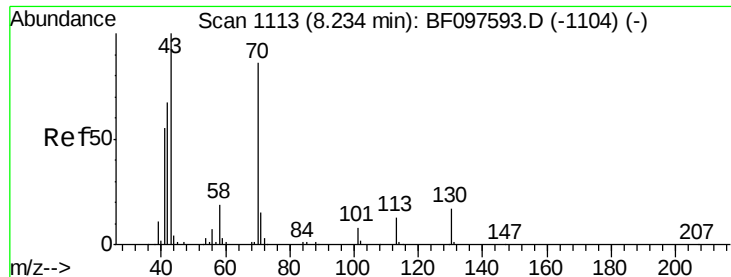
65 43.9 9.9 49.9

66 89.0 23.1 63.1#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

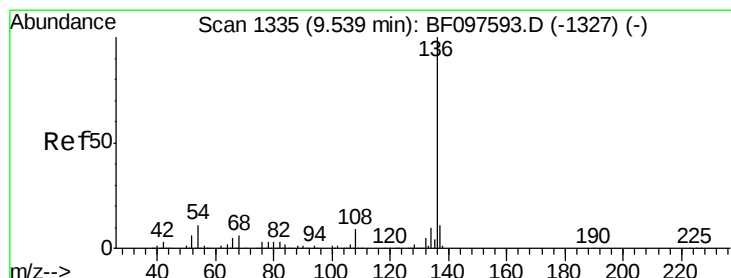
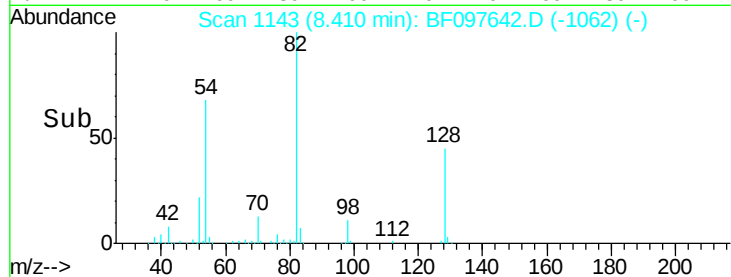
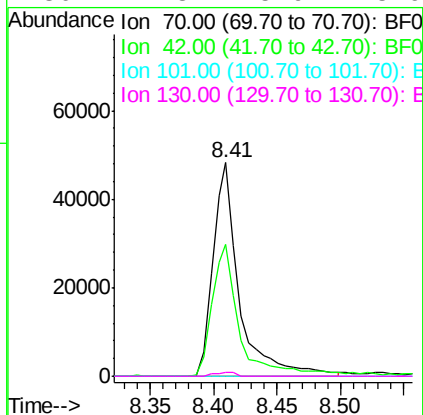
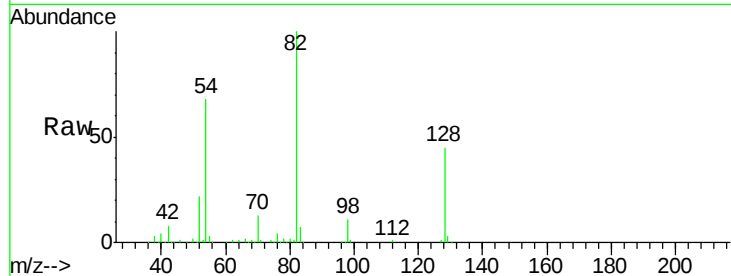




#19
n-Nitroso-di-n-propylamine
Concen: 10.02 ng
RT: 8.41 min Scan# 1143
Delta R.T. 0.18 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

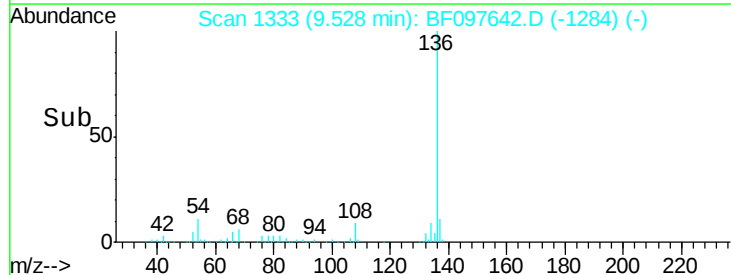
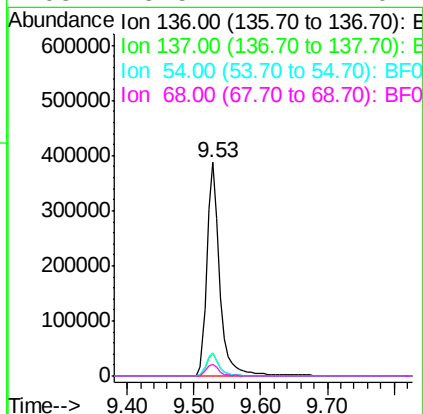
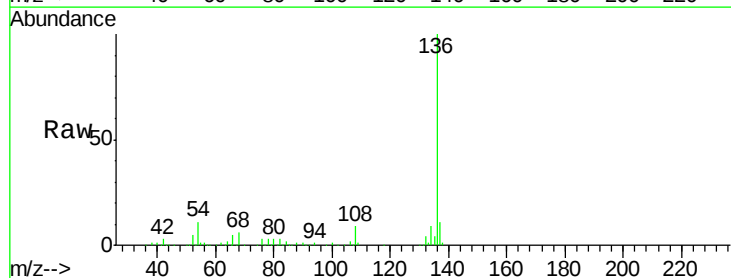
Instrument :
BNA_F
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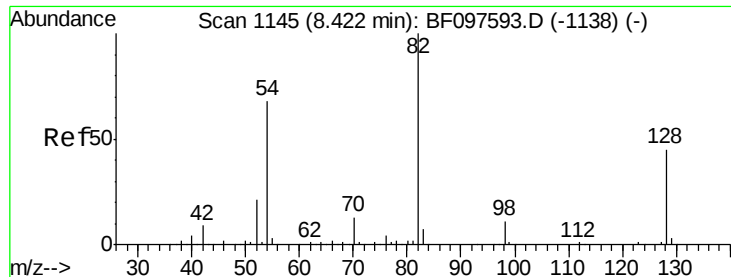
Tot Ion: 70 Resp: 69897
Ion Ratio Lower Upper
70 100
42 61.8 47.2 70.8
101 0.0 7.2 10.8#
130 1.8 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 9.53 min Scan# 1333
Delta R.T. -0.01 min
Lab File: BF097642.D
Acq: 12 Aug 2017 19:15

Tgt Ion: 136 Resp: 521838
Ion Ratio Lower Upper
136 100
137 10.8 8.5 12.7
54 10.7 4.9 7.3#
68 5.5 4.1 6.1

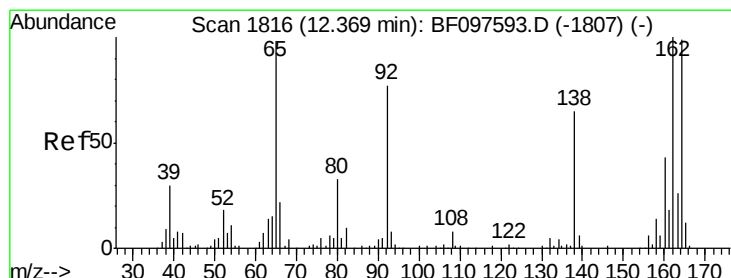
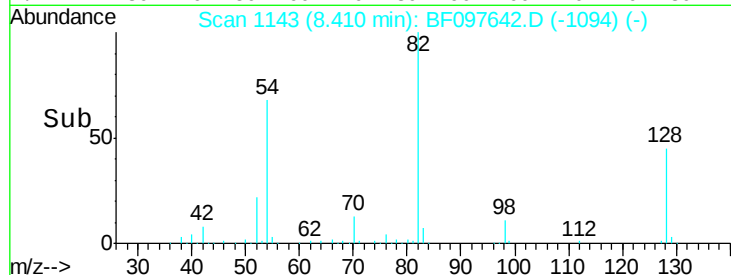
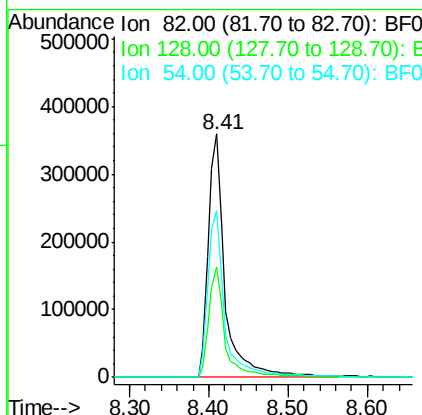
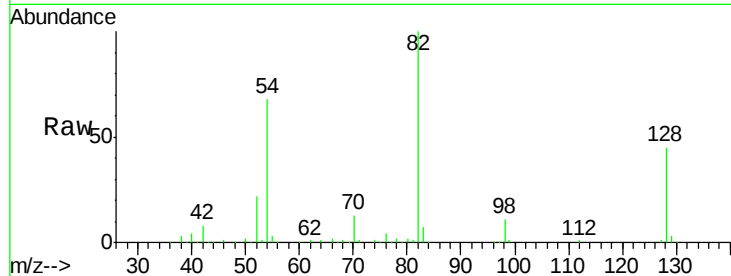




#23
 Nitrobenzene-d5
 Concen: 64.13 ng
 RT: 8.41 min Scan# 1143
 Delta R.T. -0.01 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

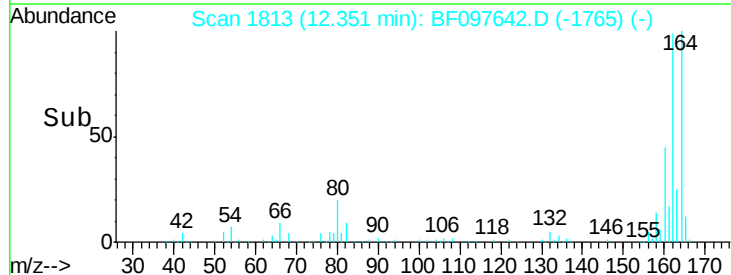
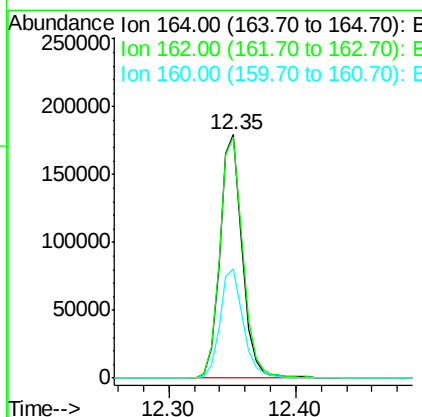
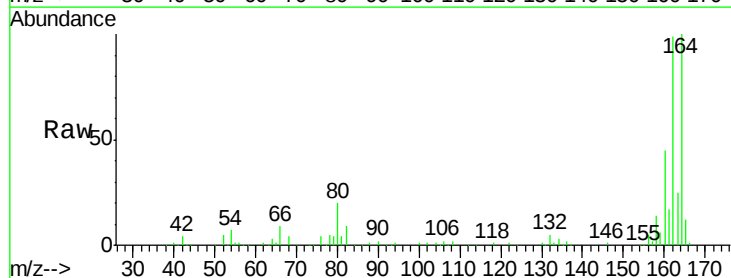
Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

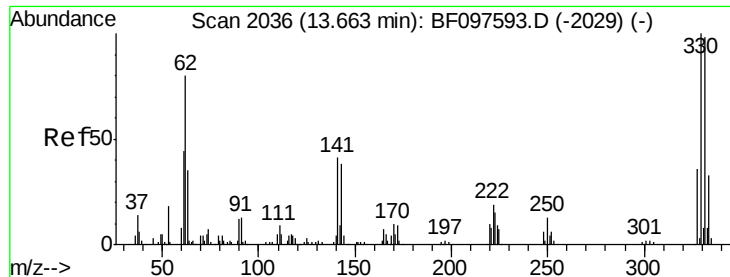
Tot Ion: 82 Resp: 533664
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.0 51.0
 54 68.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.35 min Scan# 1813
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Tgt Ion:164 Resp: 219838
 Ion Ratio Lower Upper
 164 100
 162 99.0 82.6 123.8
 160 44.7 36.2 54.2

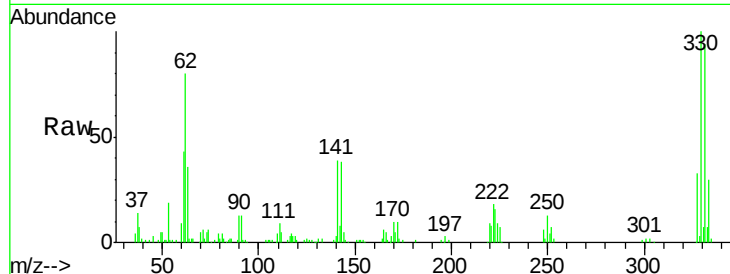




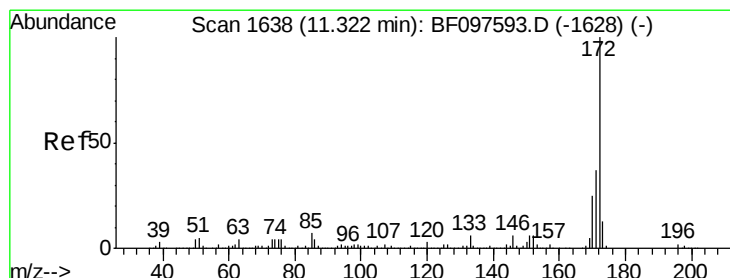
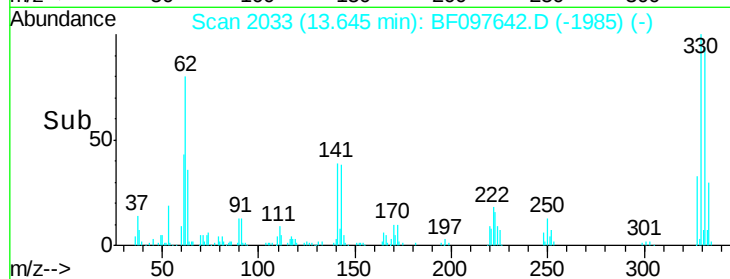
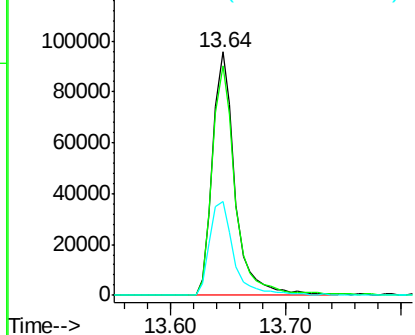
#41
 2,4,6-Tribromophenol
 Concen: 77.85 ng
 RT: 13.64 min Scan# 2033
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion:330 Resp: 130106
 Ion Ratio Lower Upper
 330 100
 332 96.9 76.6 115.0
 141 41.6 31.4 47.2

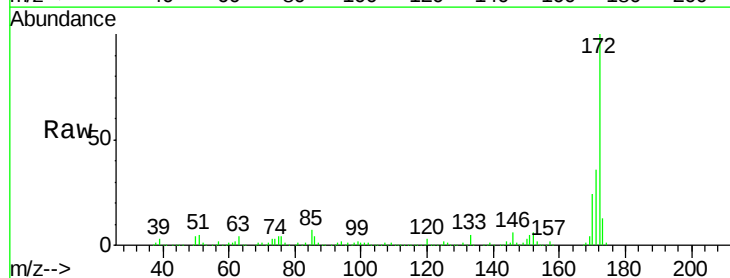


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

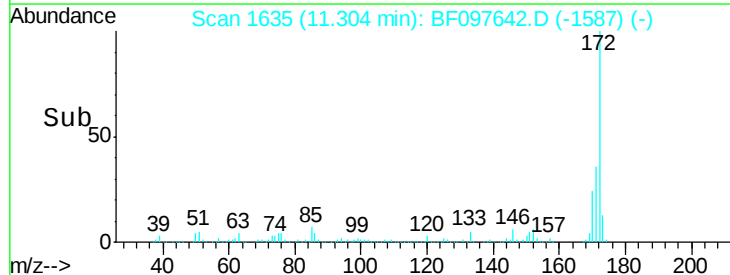
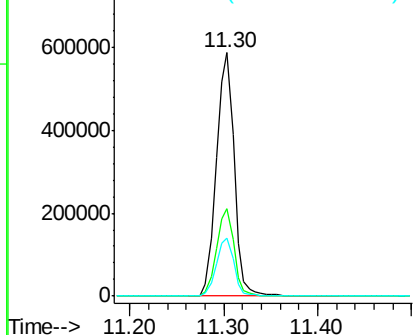


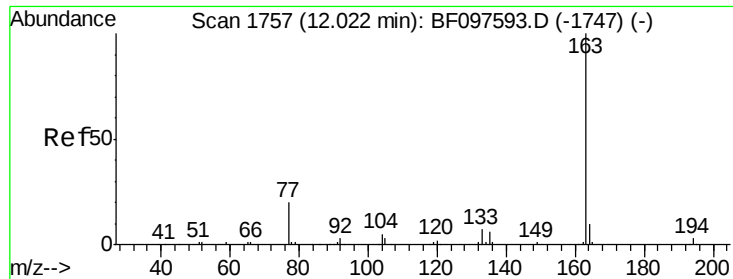
#44
 2-Fluorobiphenyl
 Concen: 53.78 ng
 RT: 11.30 min Scan# 1635
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Tgt Ion:172 Resp: 783426
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.6 44.4
 170 23.9 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: 12.47 ng

RT: 11.99 min Scan# 1752

Delta R.T. -0.03 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP

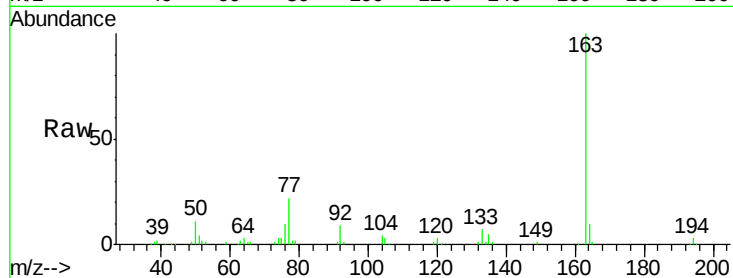
Tot Ion:163 Resp: 211215

Ion Ratio Lower Upper

163 100

194 2.8 2.6 4.0

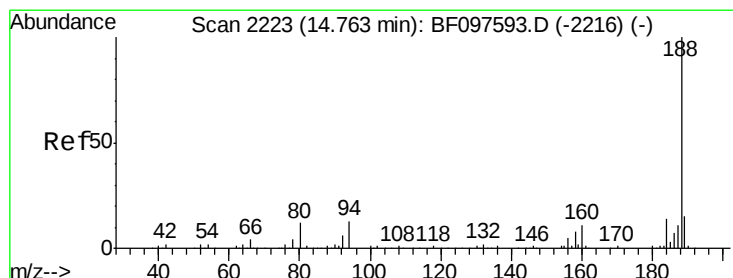
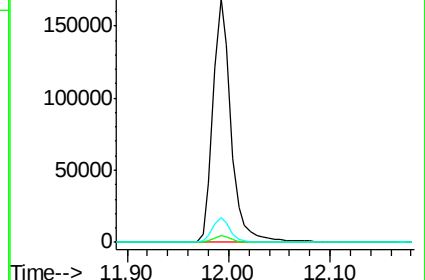
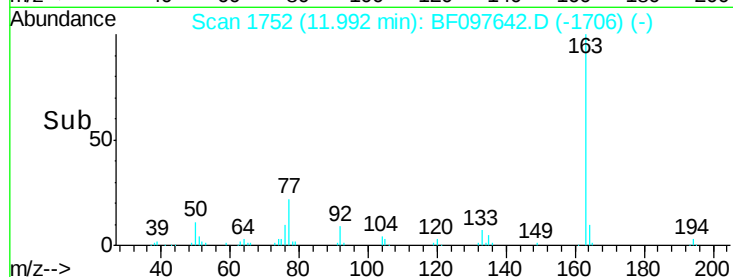
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.74 min Scan# 2220

Delta R.T. -0.02 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

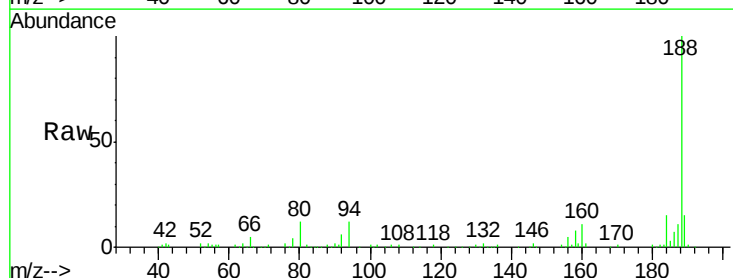
Tgt Ion:188 Resp: 300253

Ion Ratio Lower Upper

188 100

94 11.9 9.4 14.2

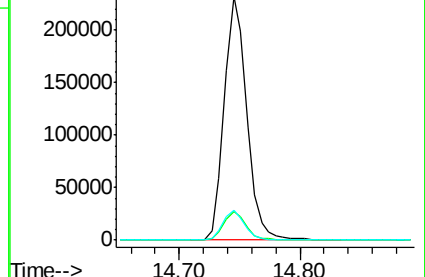
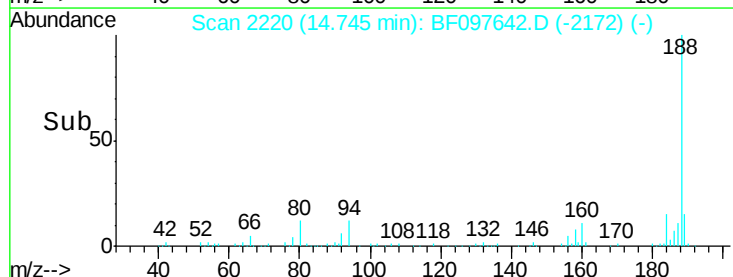
80 12.1 10.2 15.2

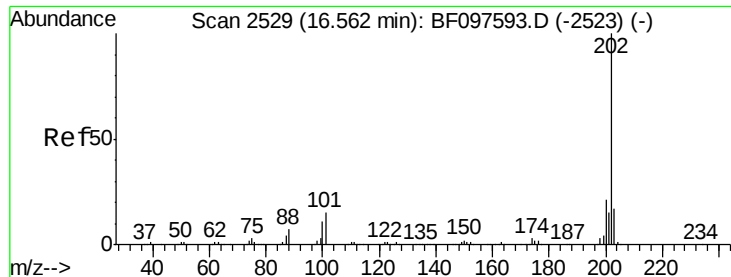


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#74

Fluoranthene

Concen: 2.27 ng

RT: 16.56 min Scan# 2528

Delta R.T. -0.01 min

Lab File: BF097642.D

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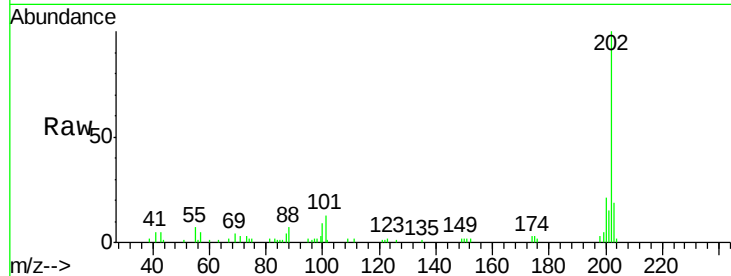
Tot Ion:202 Resp: 35509

Ion Ratio Lower Upper

202 100

101 13.2 0.0 33.2

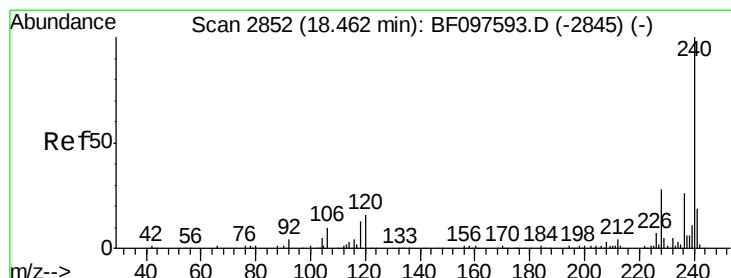
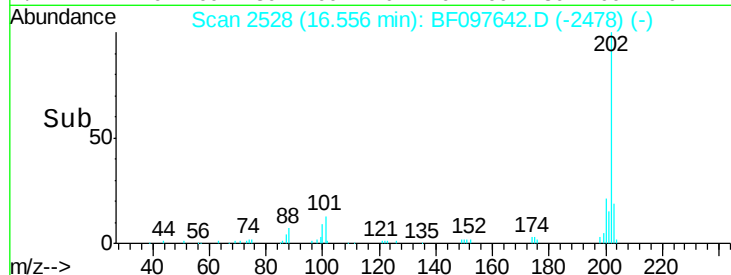
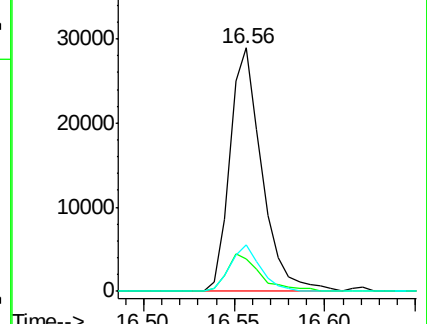
203 19.1 0.0 38.1



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: BF097642.D

Acq: 12 Aug 2017 19:15

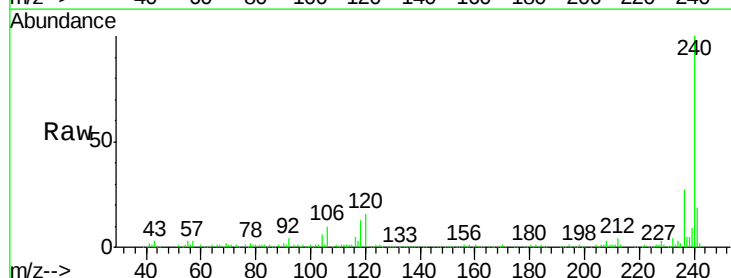
Tgt Ion:240 Resp: 202497

Ion Ratio Lower Upper

240 100

120 15.8 5.8 8.8#

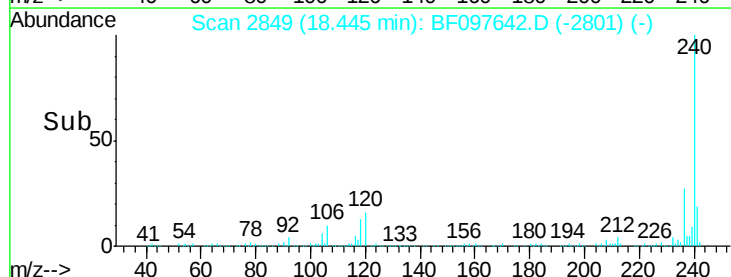
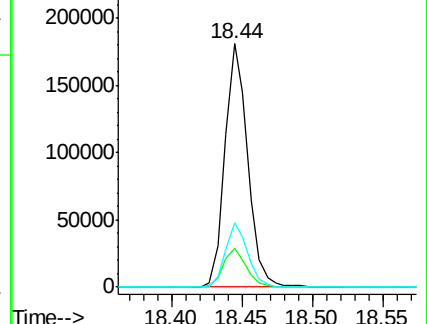
236 26.7 20.5 30.7

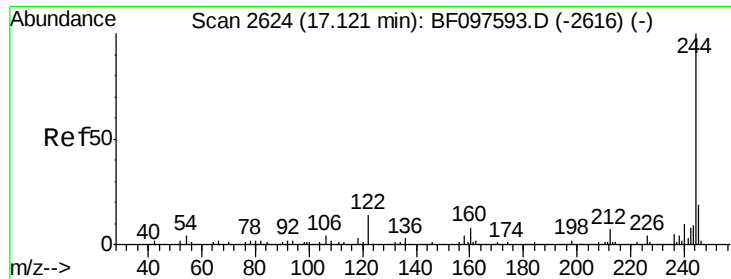


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

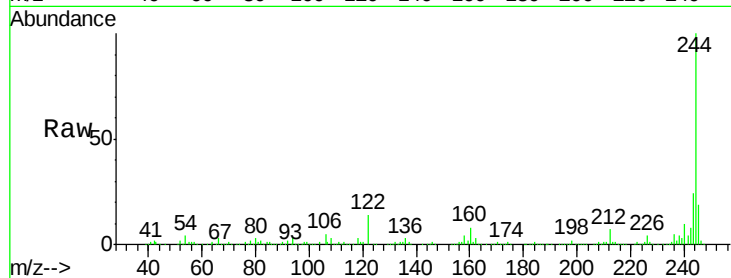




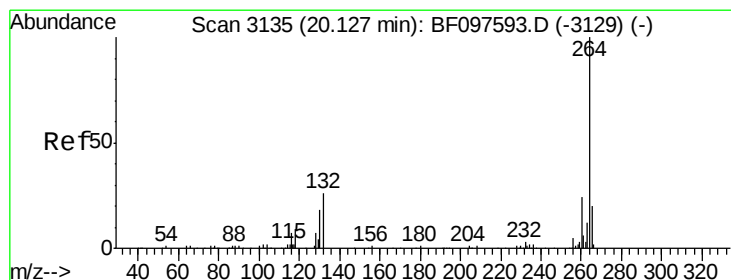
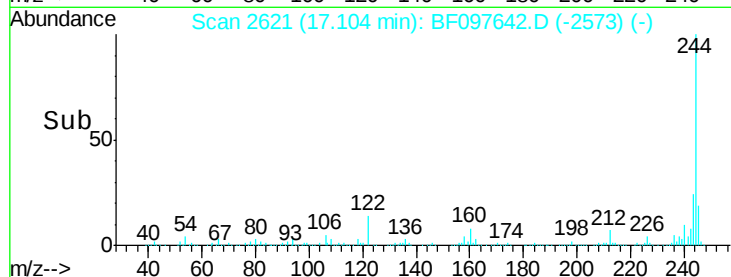
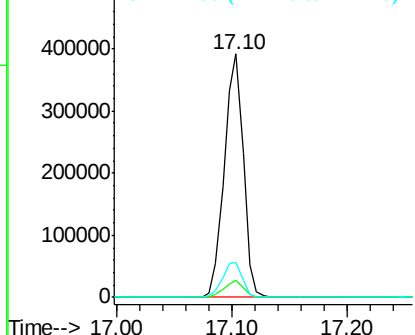
#78
 Terphenyl-d14
 Concen: 45.59 ng
 RT: 17.10 min Scan# 2621
 Delta R.T. -0.02 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Instrument :
 BNA_F
 ClientSampleId :
 SP-A-COMP

Tot Ion:244 Resp: 446022
 Ion Ratio Lower Upper
 244 100
 212 6.8 6.0 9.0
 122 14.3 10.3 15.5

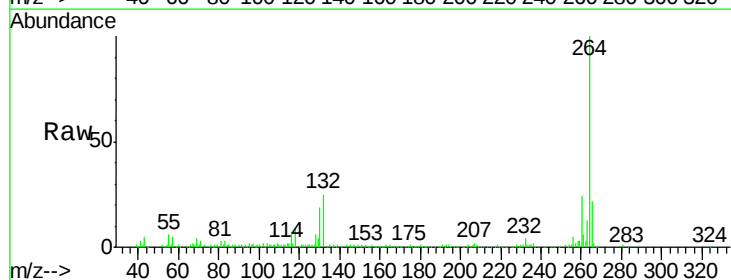


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

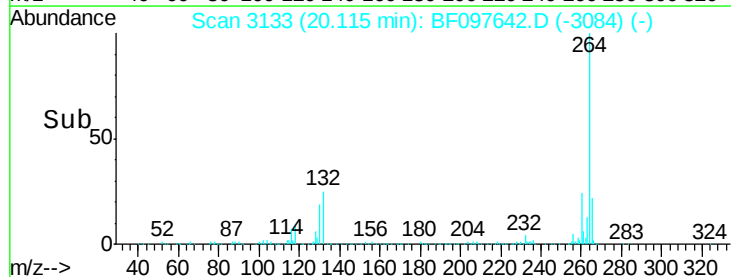
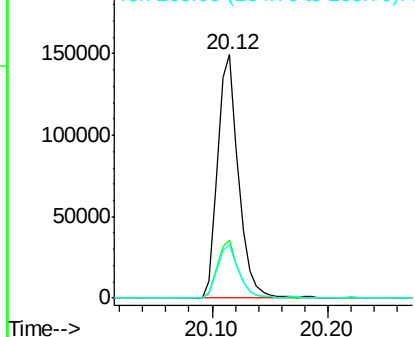


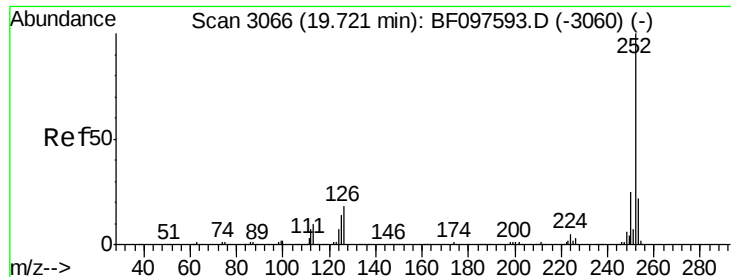
#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 20.12 min Scan# 3133
 Delta R.T. -0.01 min
 Lab File: BF097642.D
 Acq: 12 Aug 2017 19:15

Tgt Ion:264 Resp: 187446
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.5 29.3
 265 21.5 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E
 Ion 260.00 (259.70 to 260.70): E
 Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 3.20 ng

RT: 19.72 min Scan# 3065

Delta R.T. -0.01 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

Instrument :

BNA_F

ClientSampleId :

SP-A-COMP

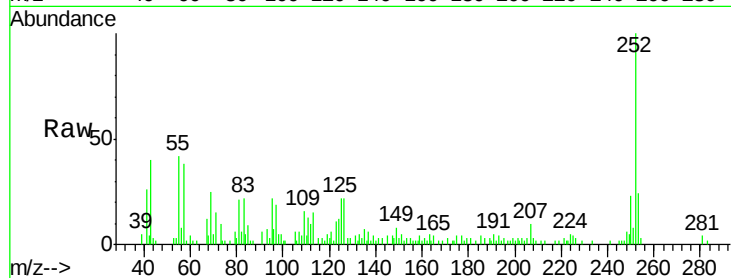
Tot Ion:252 Resp: 35978

Ion Ratio Lower Upper

252 100

253 23.9 18.1 27.1

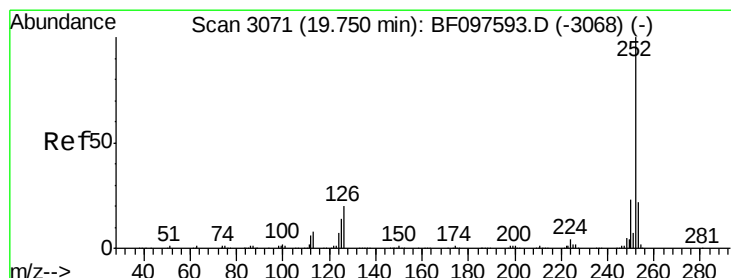
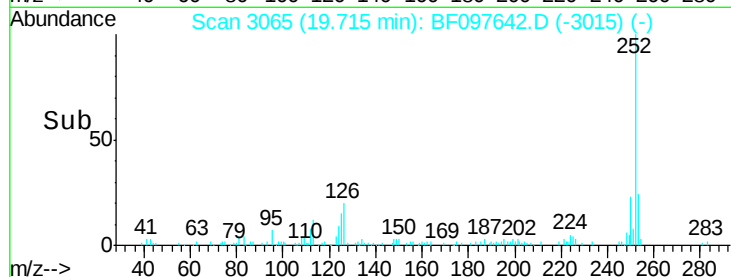
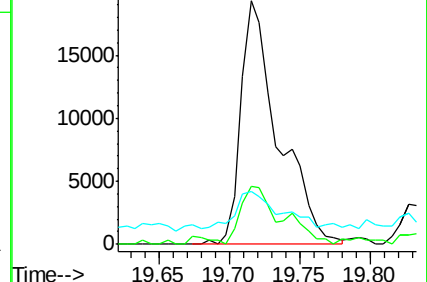
125 21.7 9.8 14.8#



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: 3.17 ng

RT: 19.72 min Scan# 3065

Delta R.T. -0.04 min

Lab File: BF097642.D

Acq: 12 Aug 2017 19:15

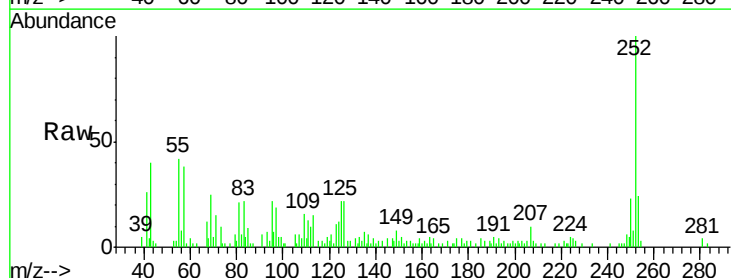
Tgt Ion:252 Resp: 35978

Ion Ratio Lower Upper

252 100

253 23.9 18.4 27.6

125 21.7 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

