

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052217\
 Data File : BF095324.D
 Acq On : 22 May 2017 20:34
 Operator : SJ/MA
 Sample : I3257-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NCC-JM-COMPOST

Quant Time: May 23 04:15:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

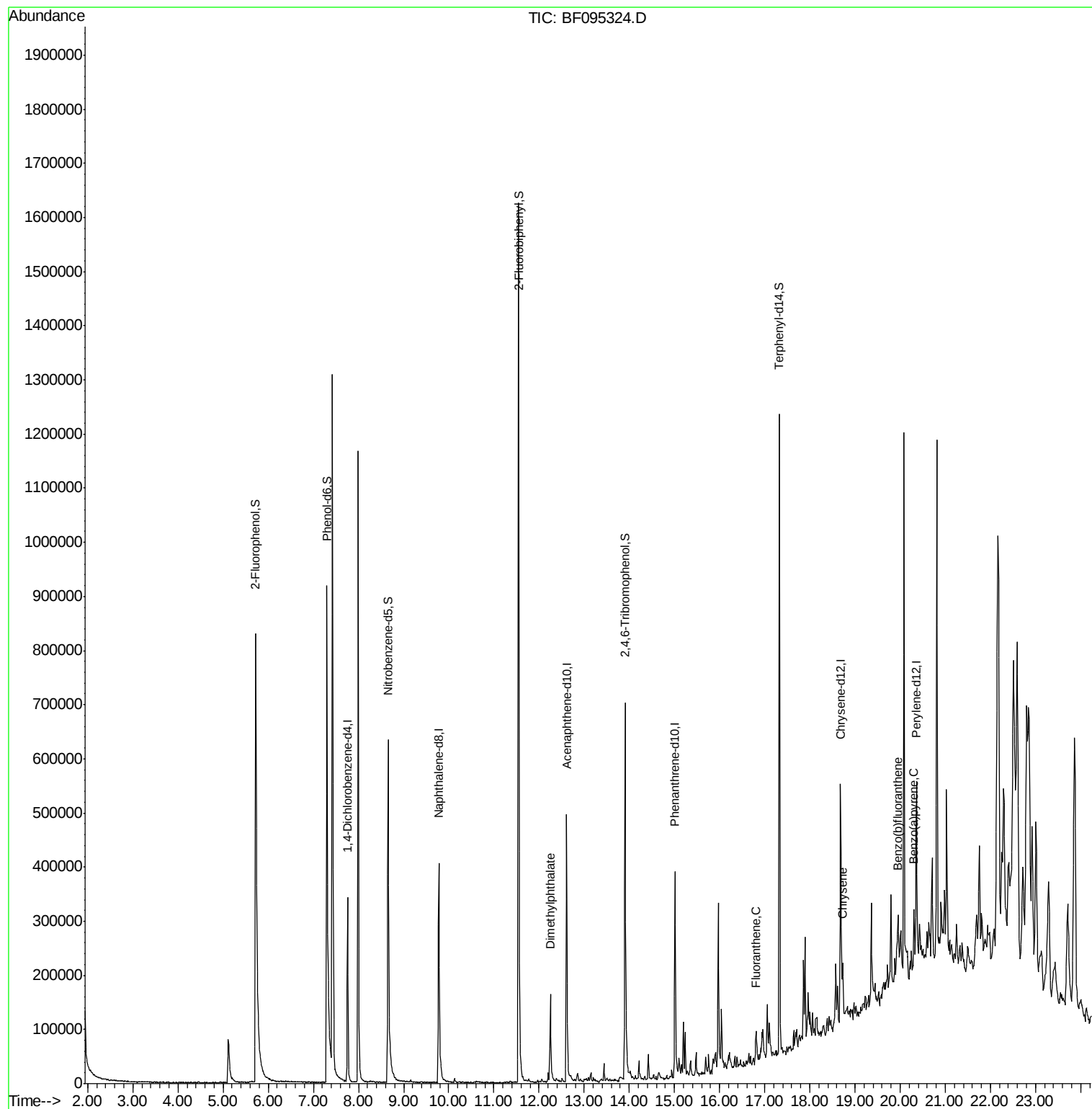
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	79827	20.00	ng	-0.01
21) Naphthalene-d8	9.78	136	365681	20.00	ng	0.00
38) Acenaphthene-d10	12.61	164	162192	20.00	ng	-0.01
63) Phenanthrene-d10	15.01	188	234520	20.00	ng	-0.01
75) Chrysene-d12	18.68	240	195817	20.00	ng	-0.01
86) Perylene-d12	20.36	264	153146	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	653852	136.56	ng	-0.01
7) Phenol-d6	7.30	99	720981	125.50	ng	-0.02
23) Nitrobenzene-d5	8.65	82	422514	72.86	ng	-0.02
41) 2,4,6-Tribromophenol	13.91	330	136553	102.80	ng	-0.01
44) 2-Fluorobiphenyl	11.55	172	831899	73.83	ng	-0.01
78) Terphenyl-d14	17.33	244	480655	54.06	ng	-0.02
Target Compounds						Qvalue
49) Dimethylphthalate	12.25	163	125404	9.42	ng	100
74) Fluoranthene	16.80	202	28822	2.09	ng	96
82) Chrysene	18.72	228	28012	2.54	ng	97
87) Benzo(b)fluoranthene	19.96	252	38665m	4.09	ng	
89) Benzo(a)pyrene	20.31	252	17489	2.00	ng	# 76

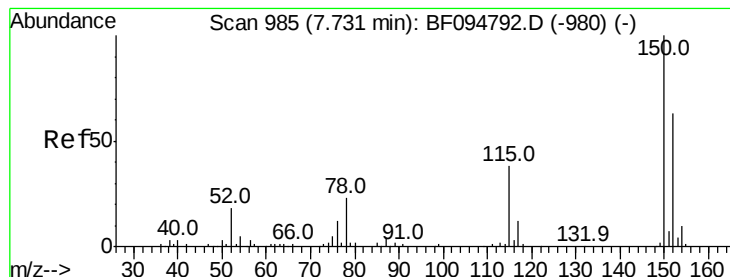
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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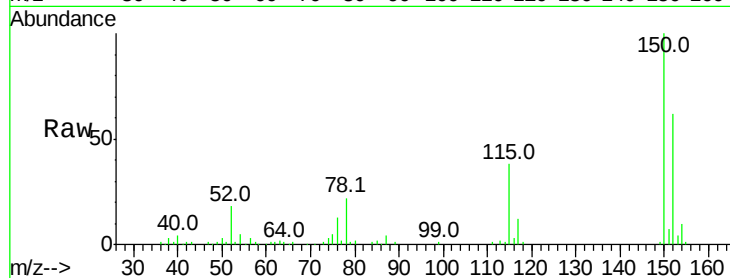


#1

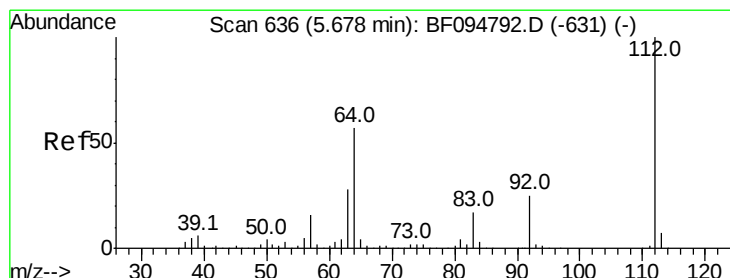
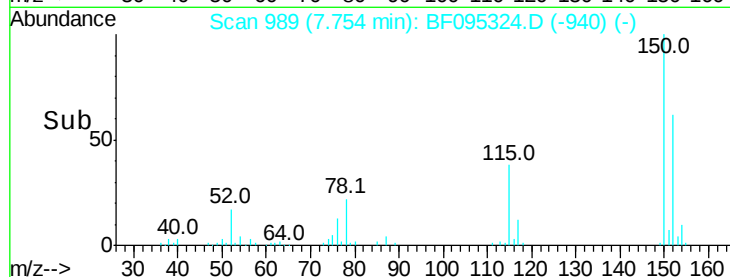
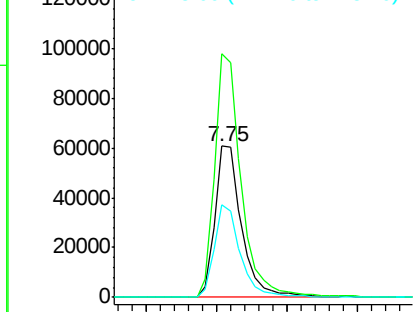
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.75 min Scan# 989
Delta R.T. -0.01 min
Lab File: BF095324.D
Acq: 22 May 2017 20:34

Instrument :
BNA_F
ClientSampleId :
NCC-JM-COMPOST

Tot Ion:152 Resp: 79827
Ion Ratio Lower Upper
152 100
150 161.1 126.2 189.2
115 61.3 52.2 78.2



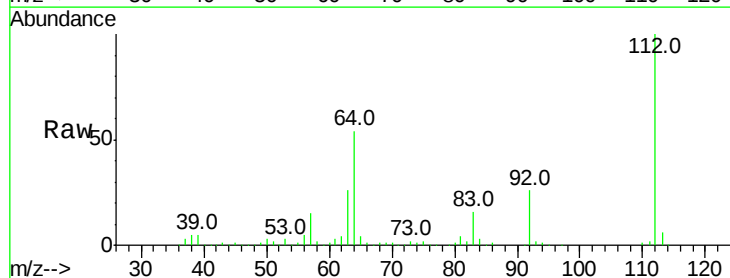
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



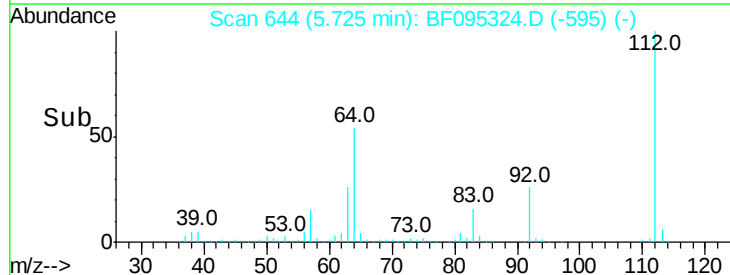
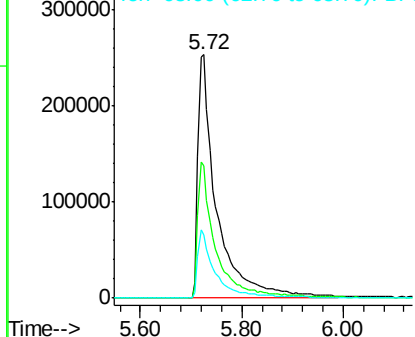
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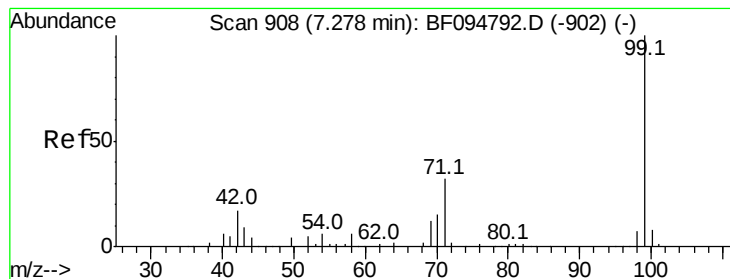
2-Fluorophenol
Concen: 136.56 ng
RT: 5.72 min Scan# 644
Delta R.T. -0.01 min
Lab File: BF095324.D
Acq: 22 May 2017 20:34

Tgt Ion:112 Resp: 653852
Ion Ratio Lower Upper
112 100
64 54.2 46.0 69.0
63 25.8 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: 125.50 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

NCC-JM-COMPOST

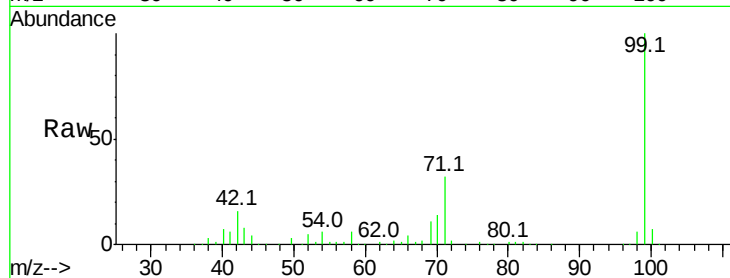
Tot Ion: 99 Resp: 720981

Ion Ratio Lower Upper

99 100

42 16.4 13.5 20.3

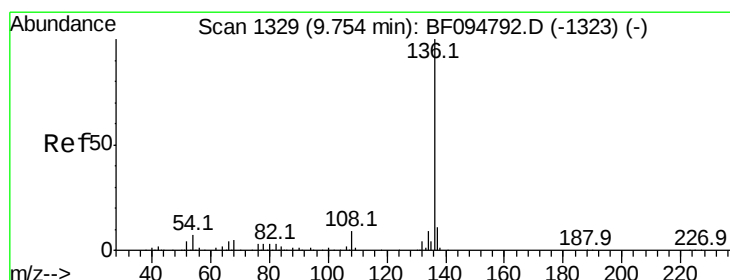
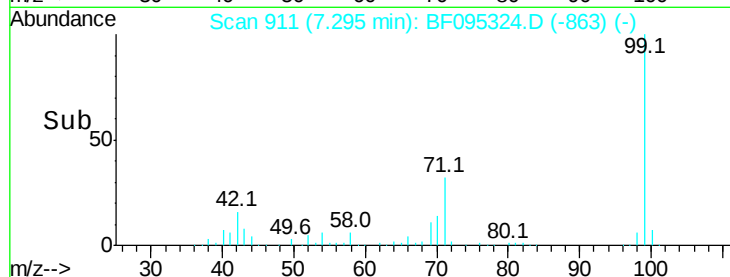
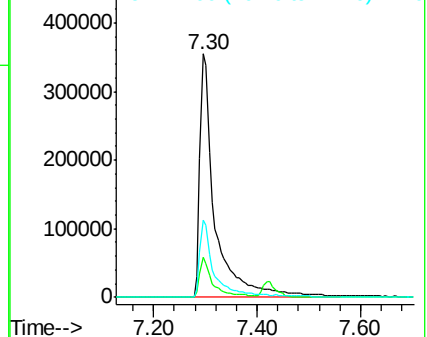
71 31.7 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.78 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

Tgt Ion: 136 Resp: 365681

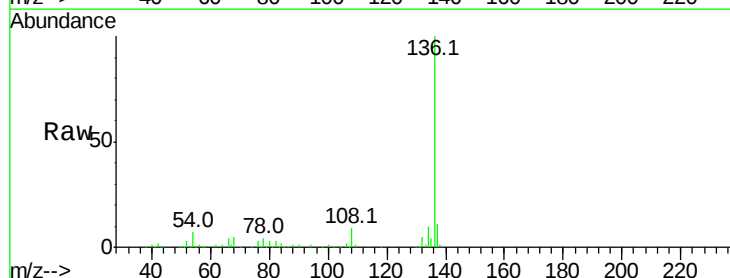
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.1 4.9 7.3

68 5.1 4.1 6.1

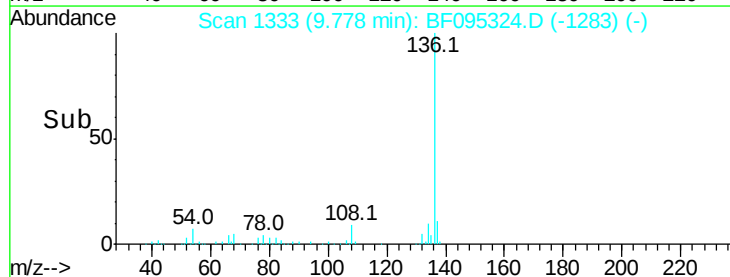
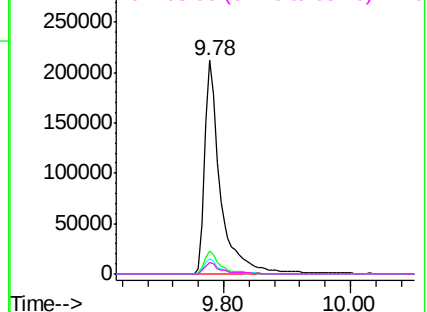


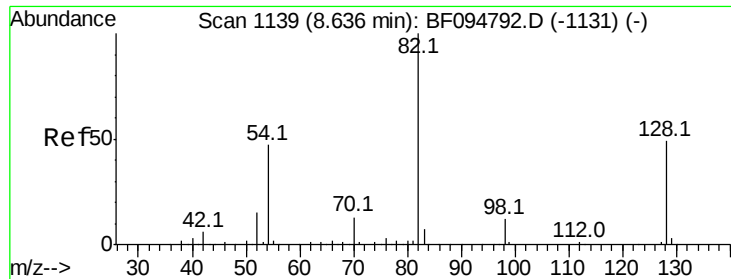
Abundance Ion 136.00 (135.70 to 136.70): E

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

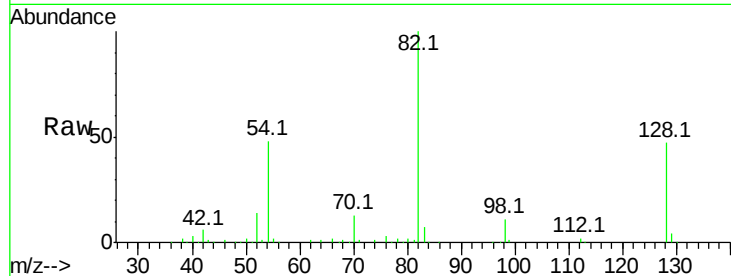




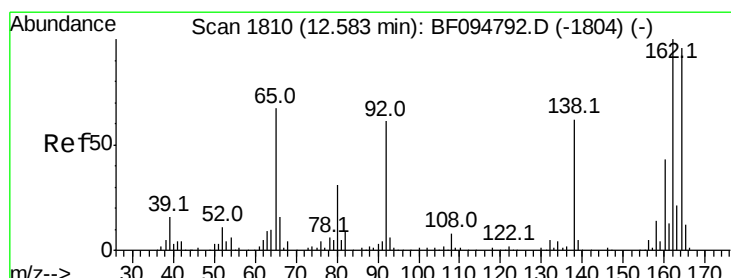
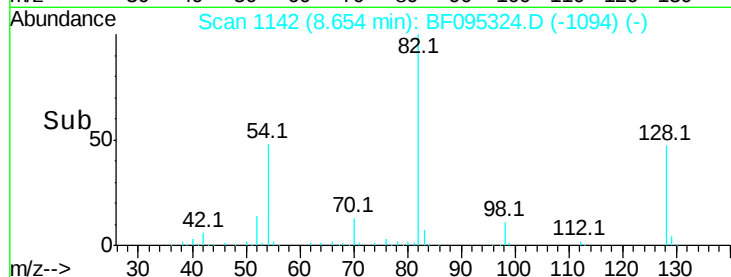
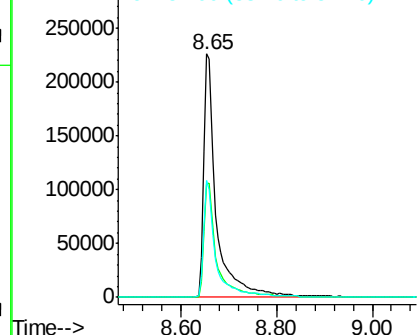
#23
 Nitrobenzene-d5
 Concen: 72.86 ng
 RT: 8.65 min Scan# 1142
 Delta R.T. -0.02 min
 Lab File: BF095324.D
 Acq: 22 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 NCC-JM-COMPOST

Tot Ion: 82 Resp: 422514
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 47.9 42.2 63.2

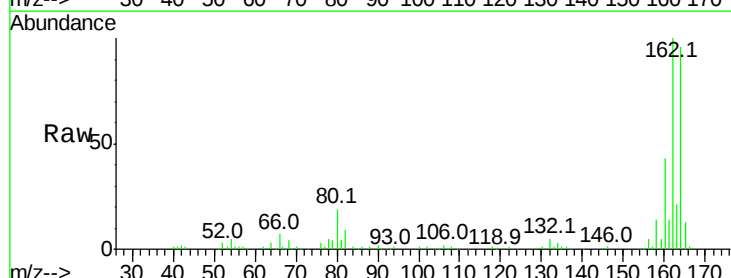


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

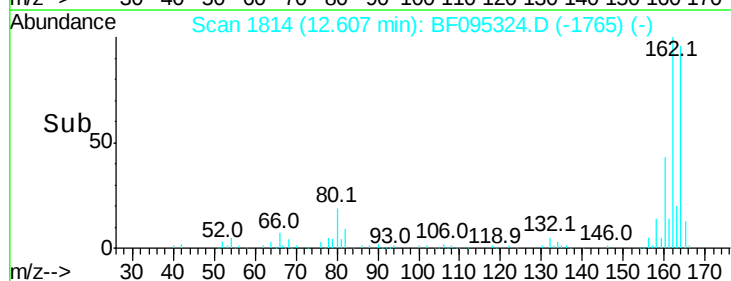
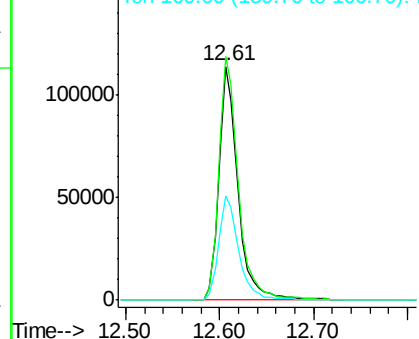


#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.61 min Scan# 1814
 Delta R.T. -0.01 min
 Lab File: BF095324.D
 Acq: 22 May 2017 20:34

Tgt Ion: 164 Resp: 162192
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 44.5 36.2 54.2



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

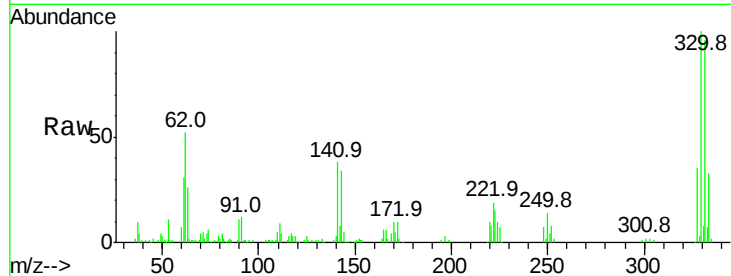




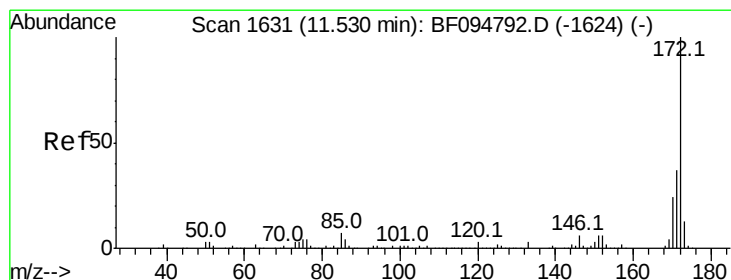
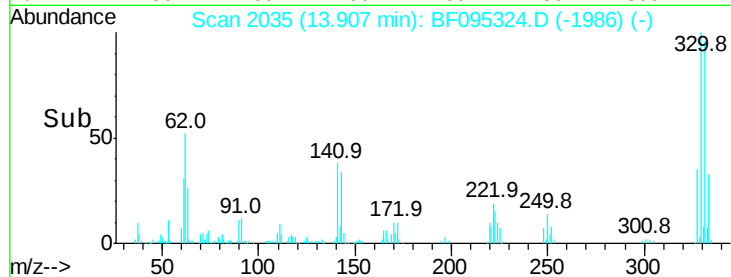
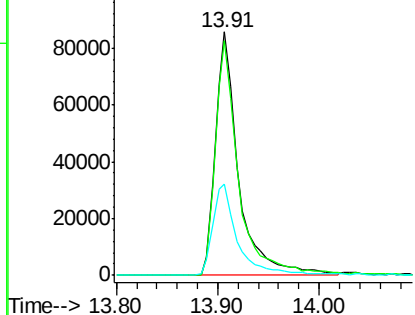
#41
 2,4,6-Tribromophenol
 Concen: 102.80 ng
 RT: 13.91 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF095324.D
 Acq: 22 May 2017 20:34

Instrument :
 BNA_F
 ClientSampleId :
 NCC-JM-COMPOST

Tot Ion:330 Resp: 136553
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 115.0
 141 40.5 31.4 47.2

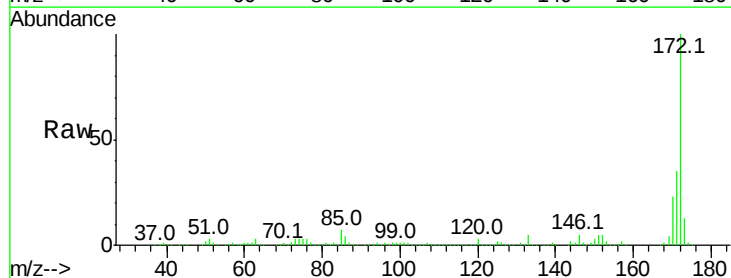


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

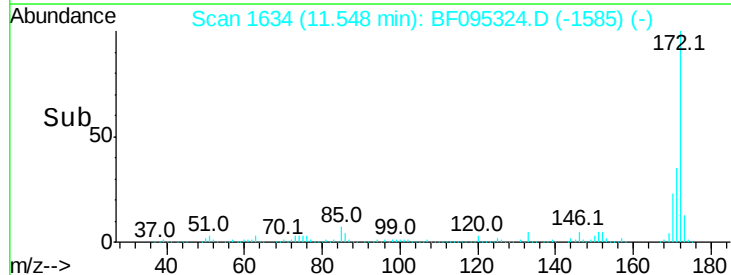
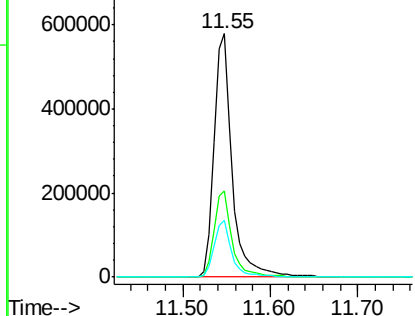


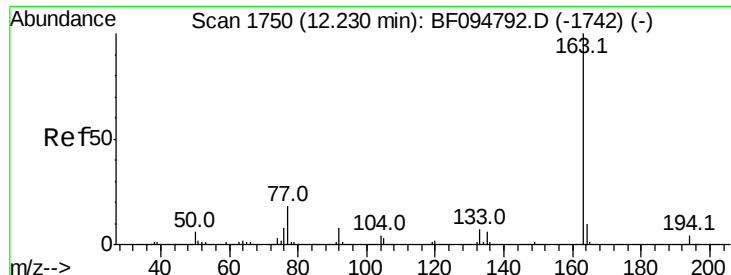
#44
 2-Fluorobiphenyl
 Concen: 73.83 ng
 RT: 11.55 min Scan# 1634
 Delta R.T. -0.01 min
 Lab File: BF095324.D
 Acq: 22 May 2017 20:34

Tgt Ion:172 Resp: 831899
 Ion Ratio Lower Upper
 172 100
 171 35.4 29.6 44.4
 170 23.4 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: 9.42 ng

RT: 12.25 min Scan# 1753

Delta R.T. -0.01 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

NCC-JM-COMPOST

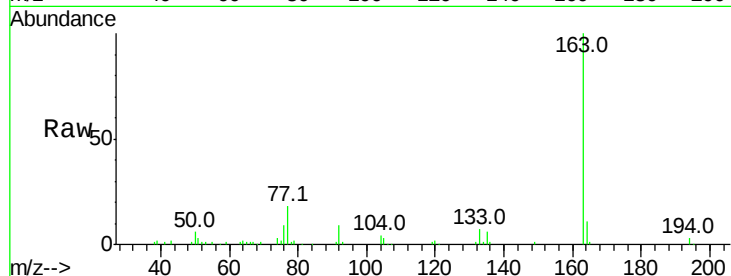
Tot Ion:163 Resp: 125404

Ion Ratio Lower Upper

163 100

194 3.2 2.6 4.0

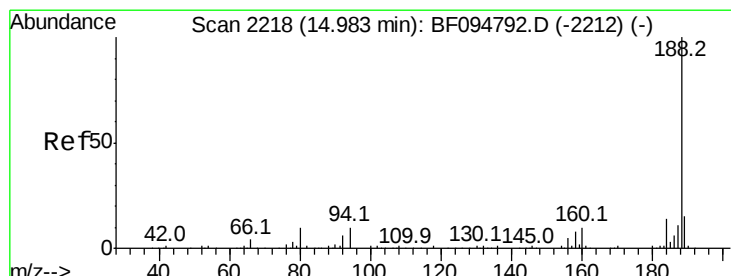
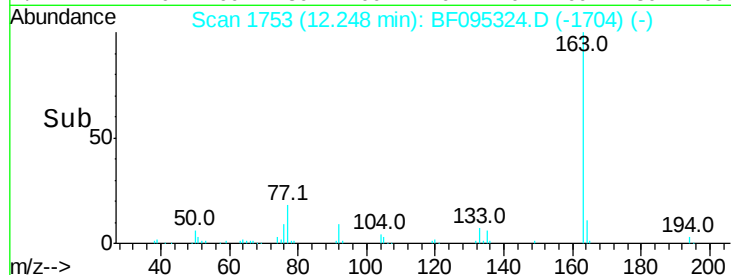
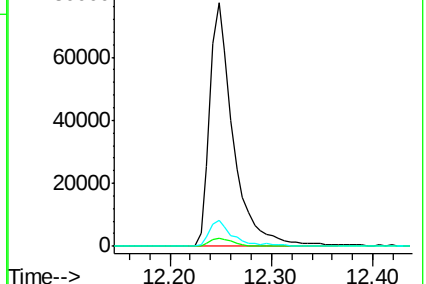
164 10.6 8.4 12.6



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: 15.01 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

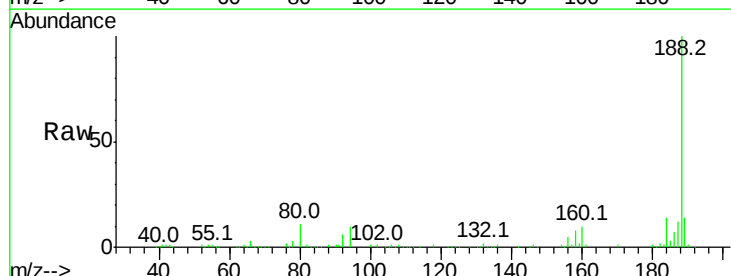
Tgt Ion:188 Resp: 234520

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

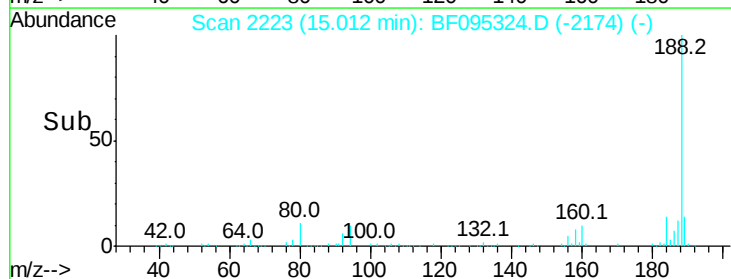
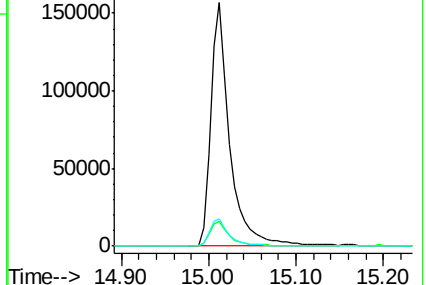
80 11.2 10.2 15.2

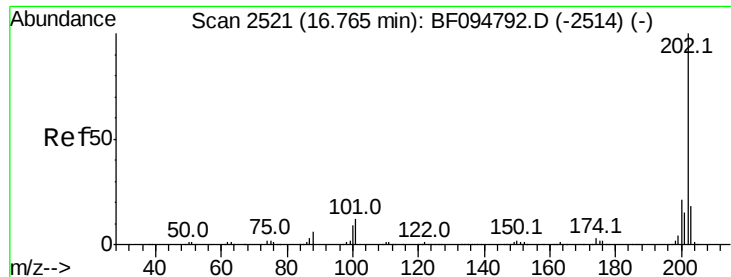


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

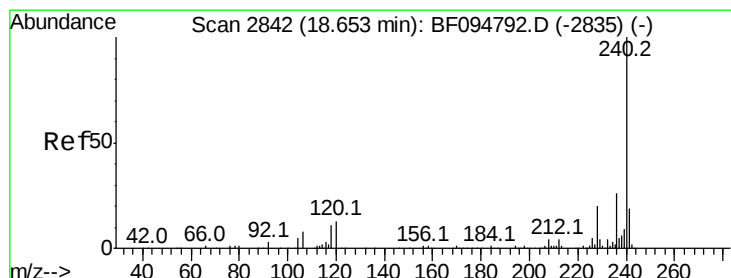
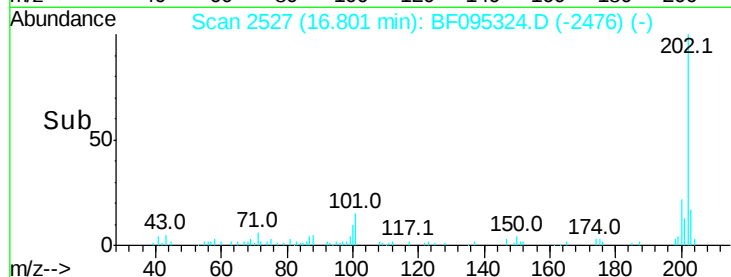
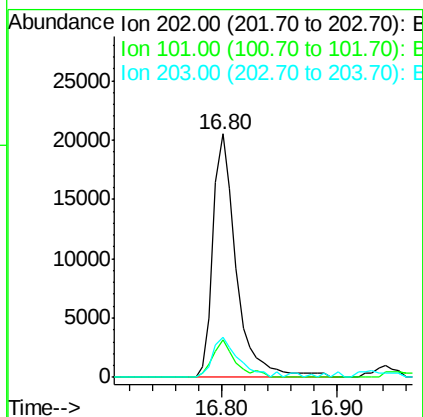
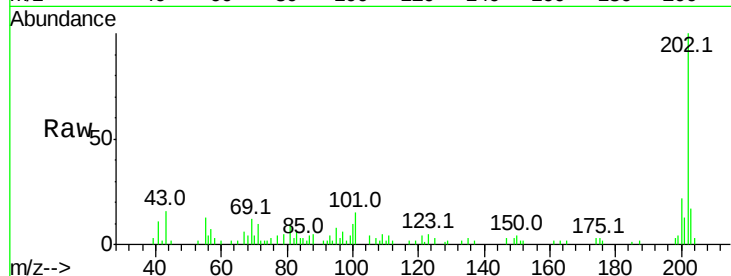




#74
 Fluoranthene
 Concen: 2.09 ng
 RT: 16.80 min Scan# 2527
 Delta R.T. 0.00 min
 Lab File: BF095324.D
 Acq: 22 May 2017 20:34

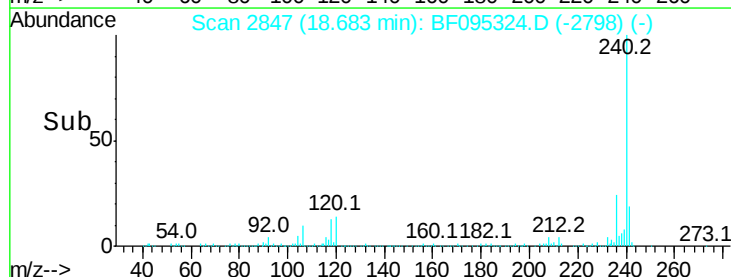
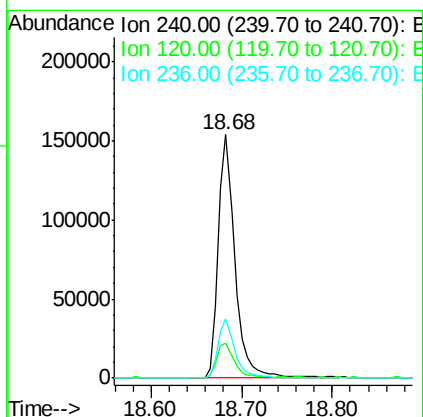
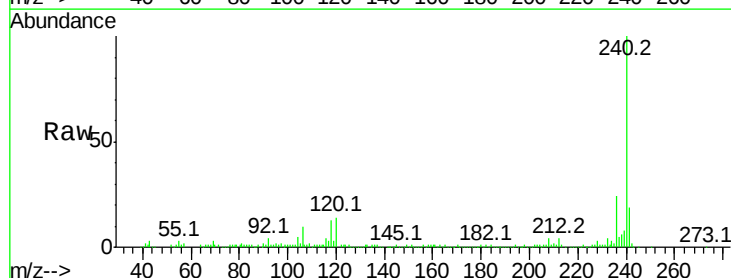
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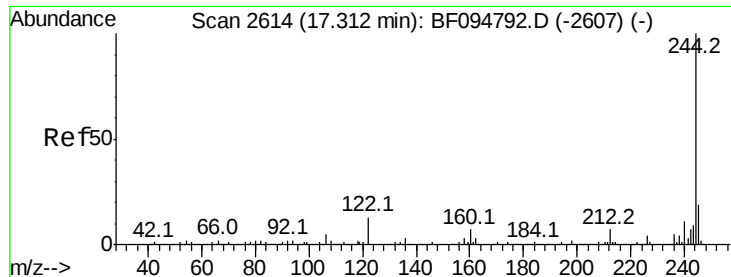
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.3	0.0	33.2
203	16.7	0.0	38.1



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.68 min Scan# 2847
 Delta R.T. -0.01 min
 Lab File: BF095324.D
 Acq: 22 May 2017 20:34

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.5	5.8	8.8#
236	24.3	20.5	30.7





#78

Terphenyl-d14

Concen: 54.06 ng

RT: 17.33 min Scan# 2617

Delta R.T. -0.02 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

NCC-JM-COMPOST

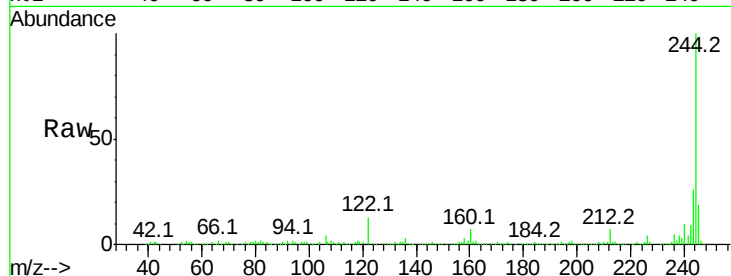
Tot Ion:244 Resp: 480655

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

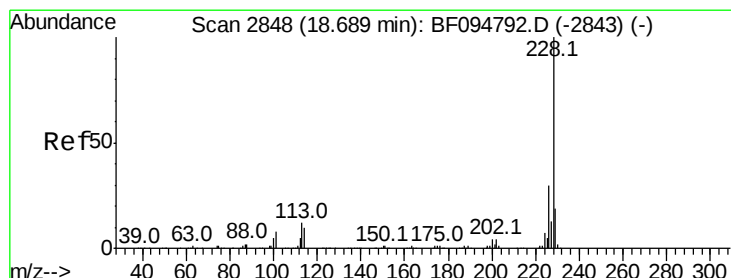
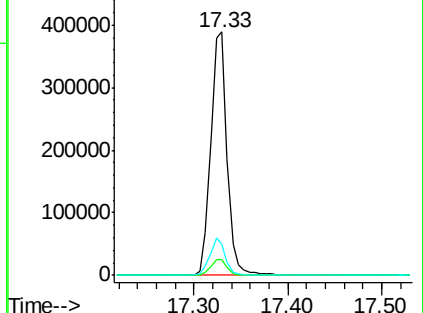
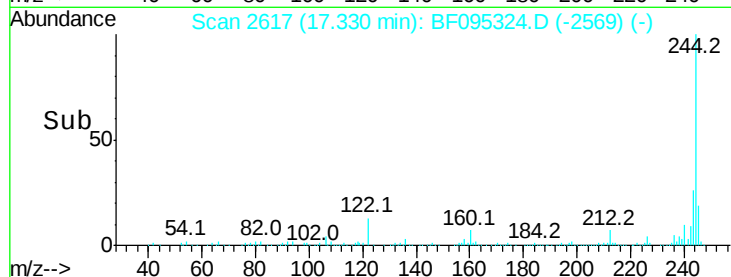
122 12.8 10.3 15.5



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



#82

Chrysene

Concen: 2.54 ng

RT: 18.72 min Scan# 2853

Delta R.T. -0.01 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

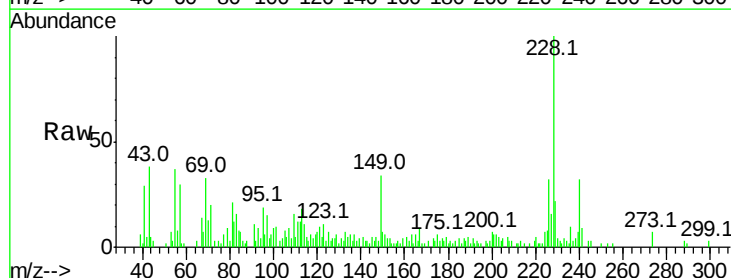
Tgt Ion:228 Resp: 28012

Ion Ratio Lower Upper

228 100

226 31.7 24.9 37.3

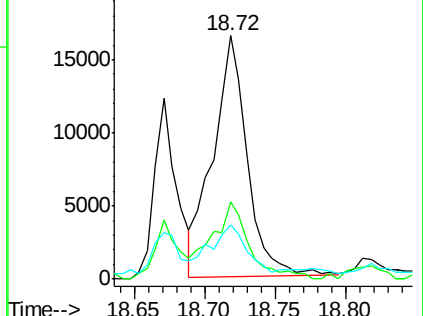
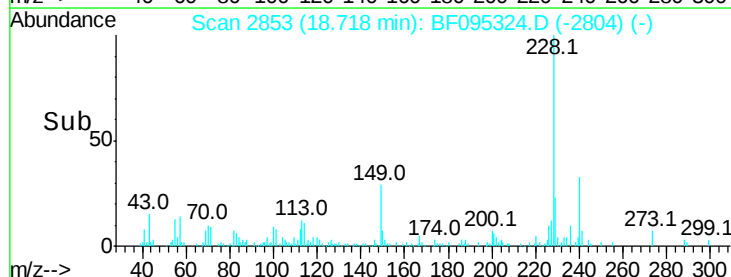
229 22.2 15.8 23.6

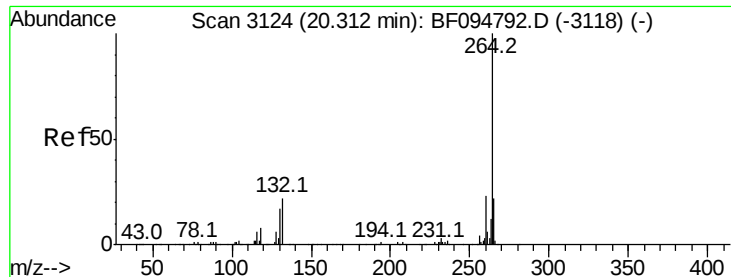


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Pervlene-d12

Concen: 20.00 ng

RT: 20.36 min Scan# 3132

Delta R.T. -0.01 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

NCC-JM-COMPOST

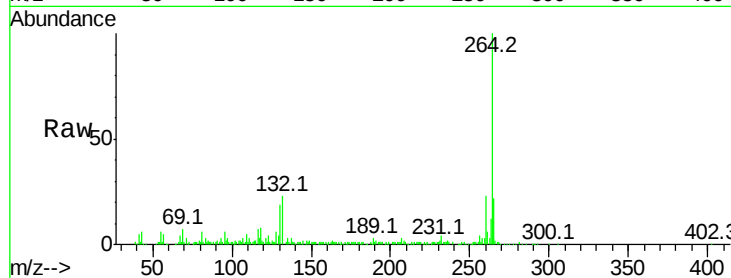
Tot Ion:264 Resp: 153146

Ion Ratio Lower Upper

264 100

260 22.7 19.5 29.3

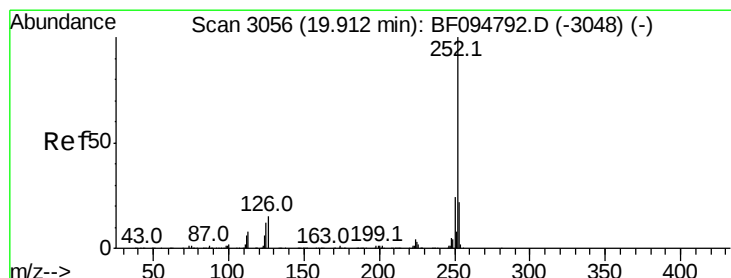
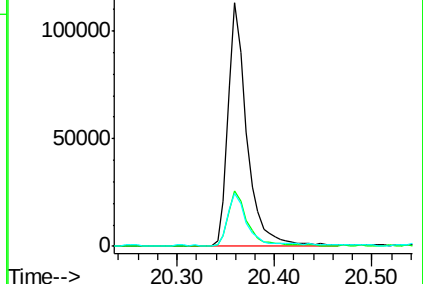
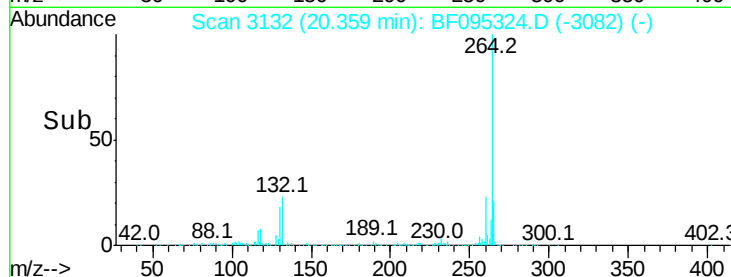
265 21.7 17.2 25.8



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: 4.09 ng m

RT: 19.96 min Scan# 3064

Delta R.T. 0.00 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

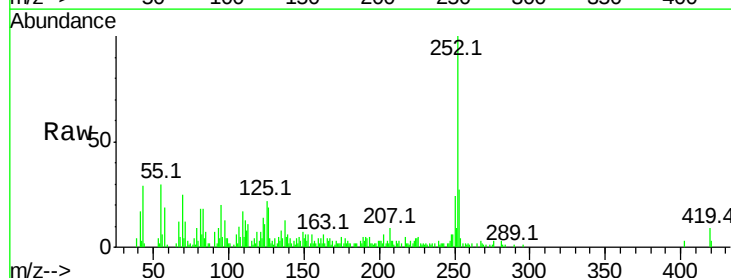
Tgt Ion:252 Resp: 38665

Ion Ratio Lower Upper

252 100

253 26.6 18.1 27.1

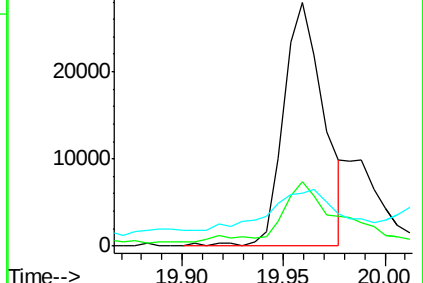
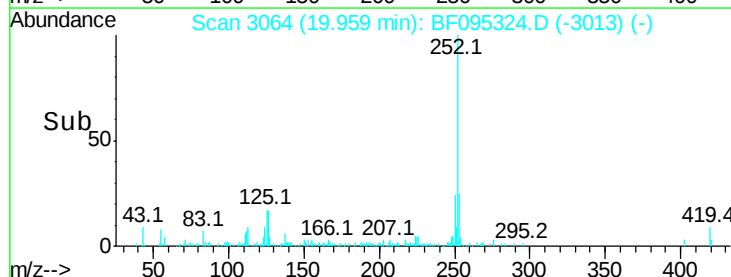
125 21.7 9.8 14.8#

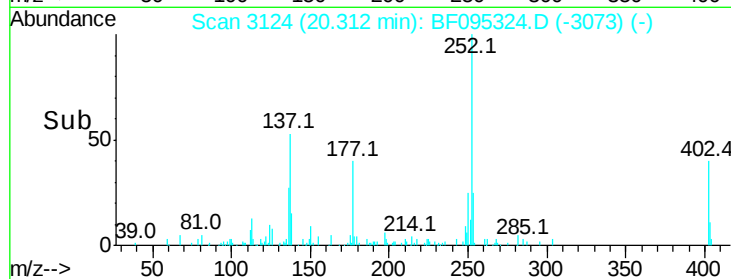
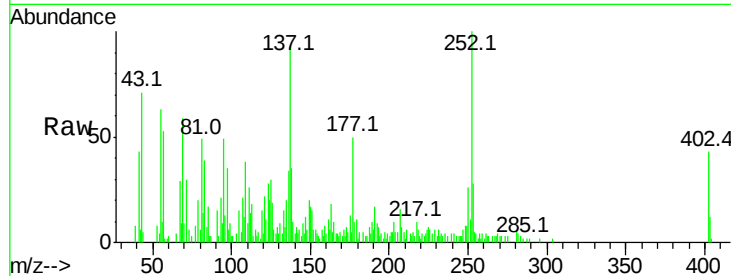
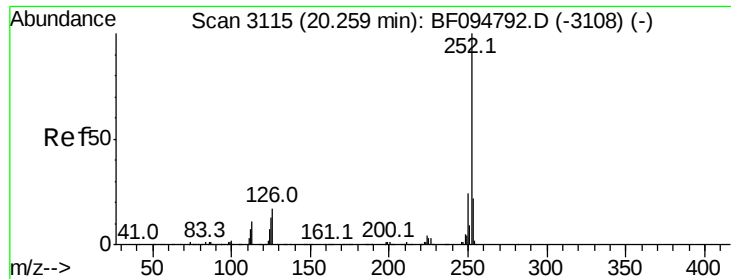


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 2.00 ng

RT: 20.31 min Scan# 3124

Delta R.T. 0.00 min

Lab File: BF095324.D

Acq: 22 May 2017 20:34

Instrument :

BNA_F

ClientSampleId :

NCC-JM-COMPOST

Tot Ion:252 Resp: 17489

Ion Ratio Lower Upper

252 100

253 27.8 17.5 26.3#

125 30.4 11.0 16.4#

