

Data Path : Z:\HPCHEM1\BNA F\DATA\BF120915\
 Data File : BF083643.D
 Acq On : 9 Dec 2015 17:02
 Operator : UM/IZ
 Sample : G4579-13DL2 100X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Quant Time: Dec 10 02:37:09 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF120815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 09 00:23:35 2015
 Response via : Initial Calibration

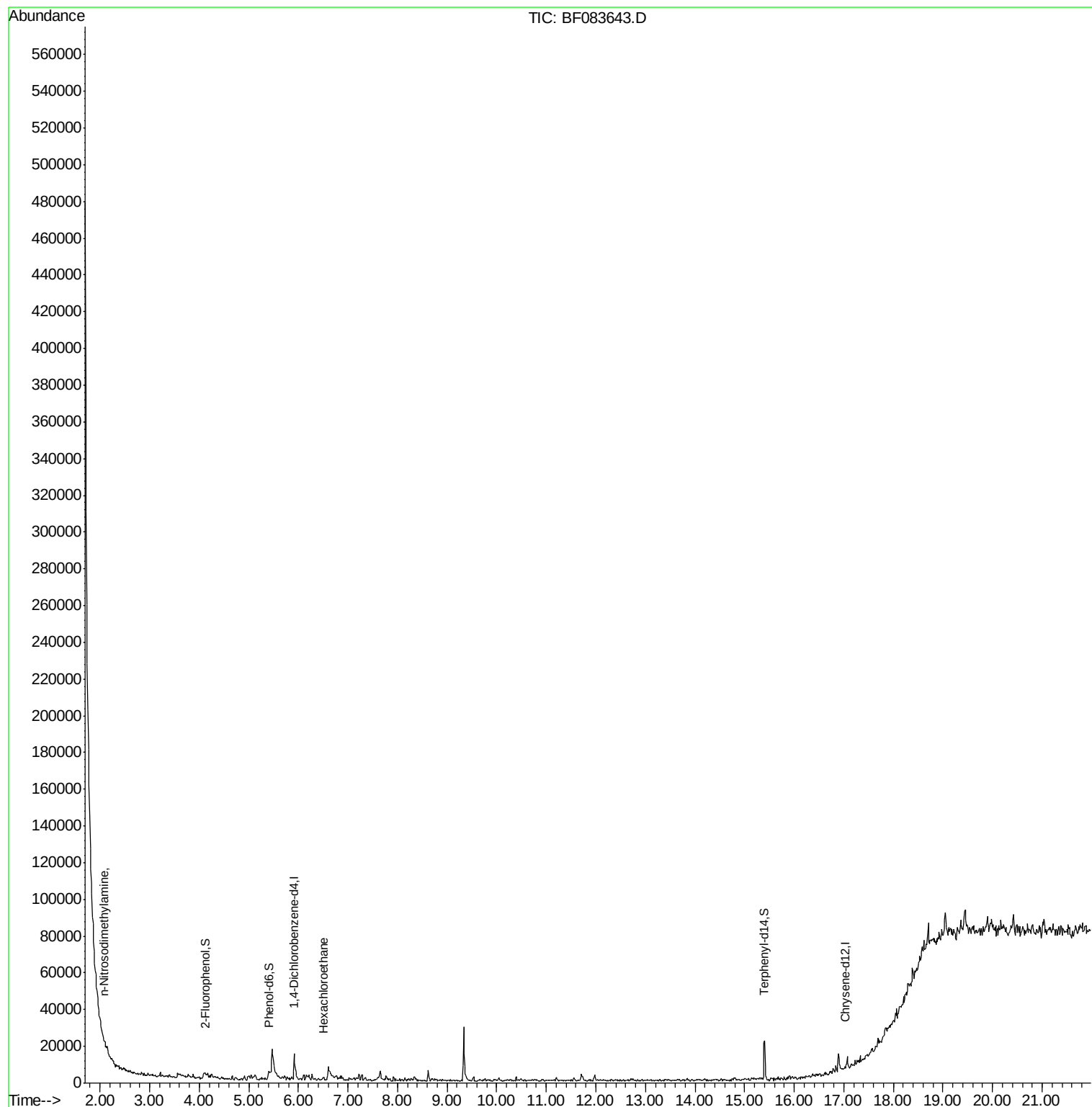
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	5222	20.00	ng	0.22
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.61
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.38
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.78
75) Chrysene-d12	17.03	240	270	20.00	ng	0.03
86) Perylene-d12	0.00	264	0	0.00	ng	-18.64
System Monitoring Compounds						
5) 2-Fluorophenol	4.12	112	7203	20.92	ng	0.15
7) Phenol-d6	5.41	99	16542	35.96	ng	0.14
23) Nitrobenzene-d5	6.64	82	8154	0.00	ng	0.10
41) 2,4,6-Tribromophenol	11.72	330	1393	0.00	ng	0.03
44) 2-Fluorobiphenyl	9.33	172	21866	0.00	ng	-0.01
78) Terphenyl-d14	15.40	244	17638	1537.02	ng	-0.01
Target Compounds						
4) n-Nitrosodimethylamine	2.09	42	536	2.46	ng	# 1
18) Hexachloroethane	6.51	117	681	4.48	ng	# 37

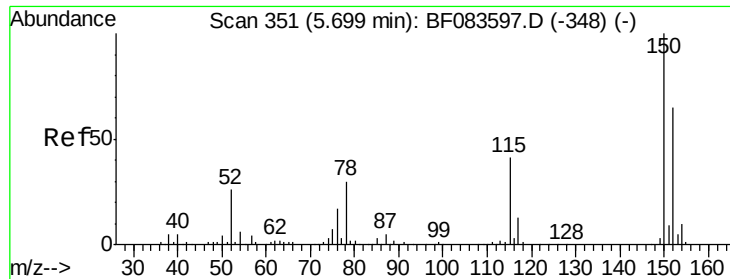
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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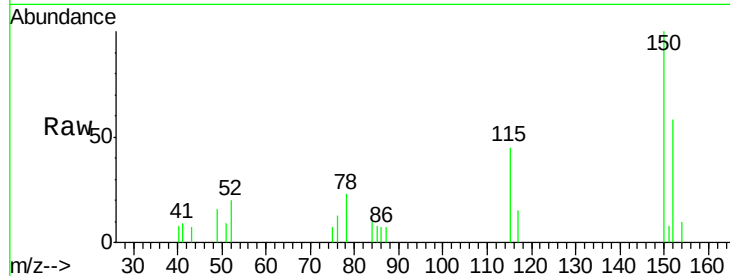


#1

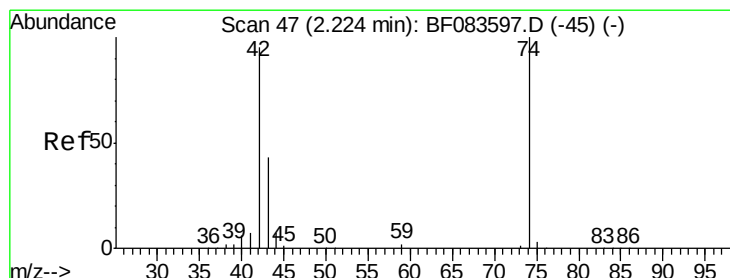
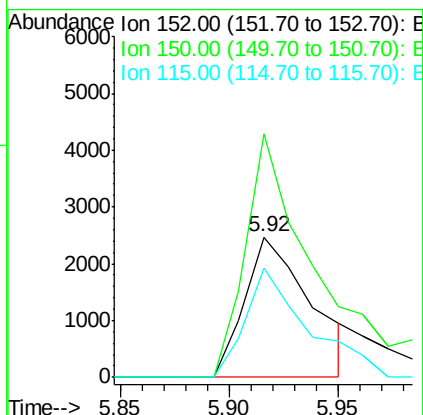
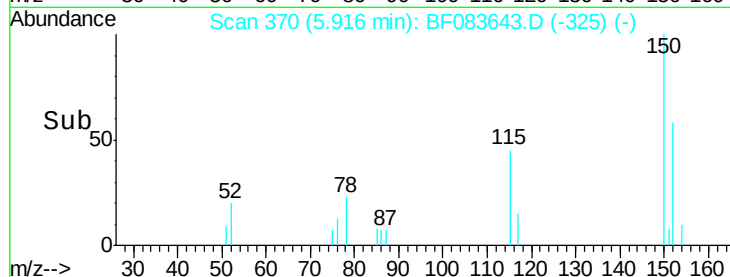
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 5.92 min Scan# 370
Delta R.T. 0.22 min
Lab File: BF083643.D
Acq: 9 Dec 2015 17:02

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tot Ion:152 Resp: 5222
Ion Ratio Lower Upper
152 100
150 173.3 126.5 189.7
115 77.7 52.3 78.5



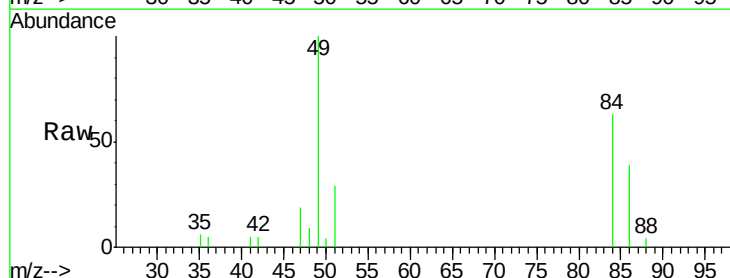
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



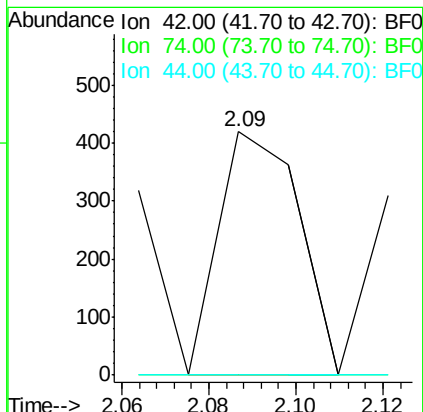
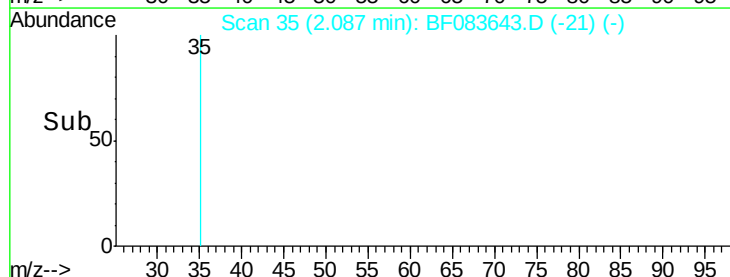
#4

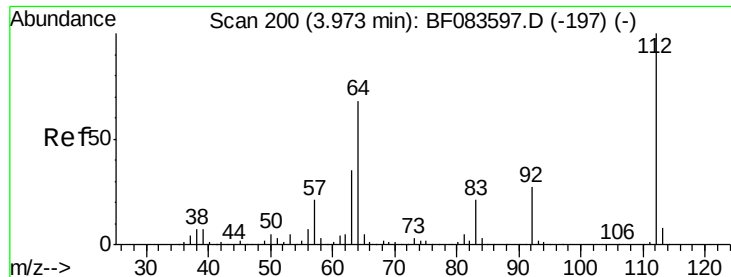
n-Nitrosodimethylamine
Concen: 2.46 ng
RT: 2.09 min Scan# 35
Delta R.T. -0.14 min
Lab File: BF083643.D
Acq: 9 Dec 2015 17:02

Tgt Ion: 42 Resp: 536
Ion Ratio Lower Upper
42 100
74 0.0 92.9 139.3#
44 0.0 5.7 8.5#



Abundance Ion 42.00 (41.70 to 42.70): BF0
Ion 74.00 (73.70 to 74.70): BF0
Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 20.92 ng

RT: 4.12 min Scan# 213

Delta R.T. 0.15 min

Lab File: BF083643.D

Acq: 9 Dec 2015 17:02

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL2

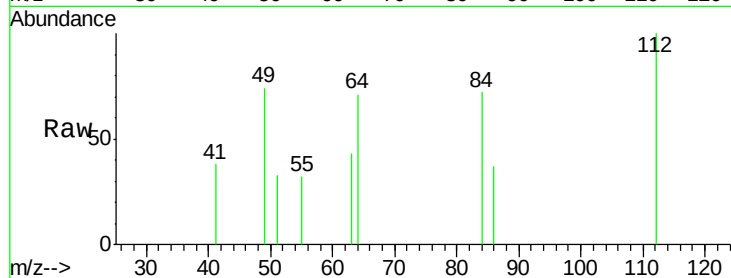
Tot Ion: 112 Resp: 7203

Ion Ratio Lower Upper

112 100

64 71.4 50.5 75.7

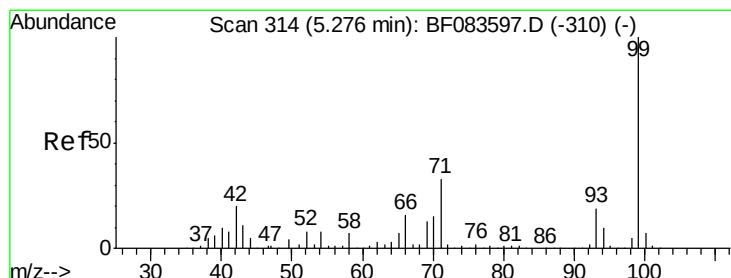
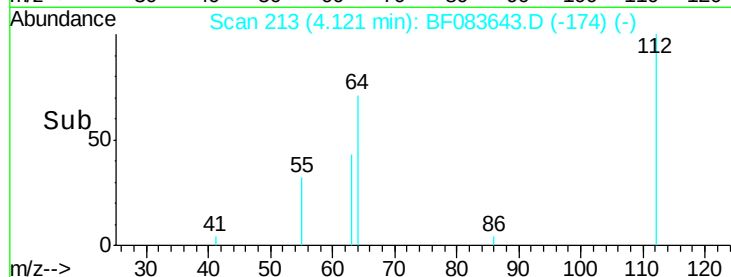
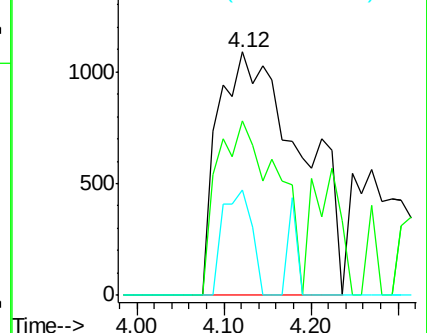
63 43.3 25.8 38.6#



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: 35.96 ng

RT: 5.41 min Scan# 326

Delta R.T. 0.14 min

Lab File: BF083643.D

Acq: 9 Dec 2015 17:02

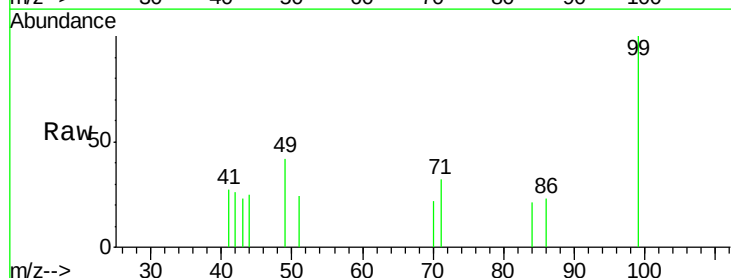
Tgt Ion: 99 Resp: 16542

Ion Ratio Lower Upper

99 100

42 25.7 17.3 25.9

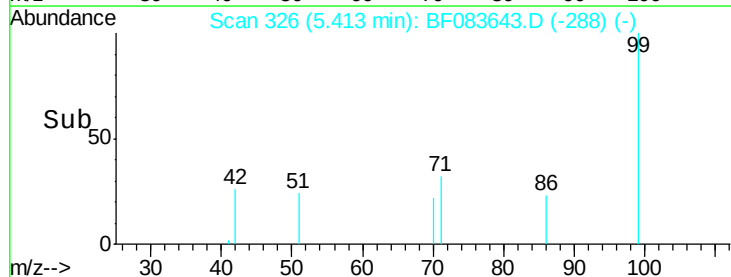
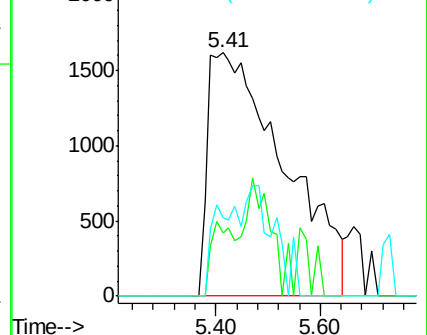
71 32.0 26.6 40.0

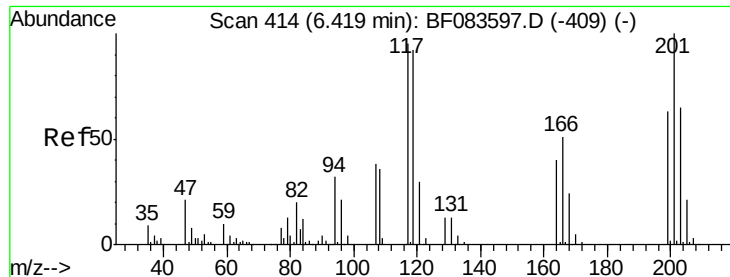


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

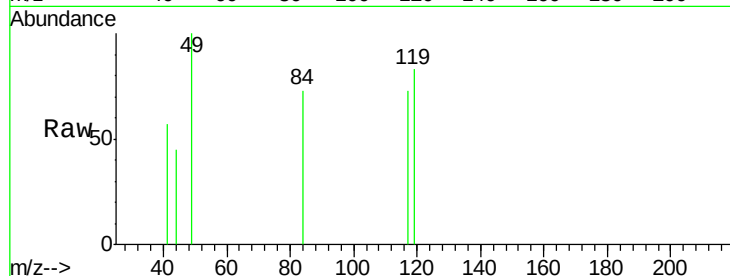




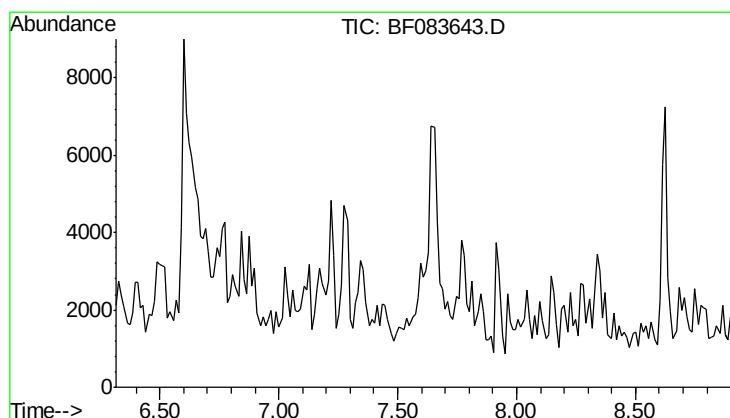
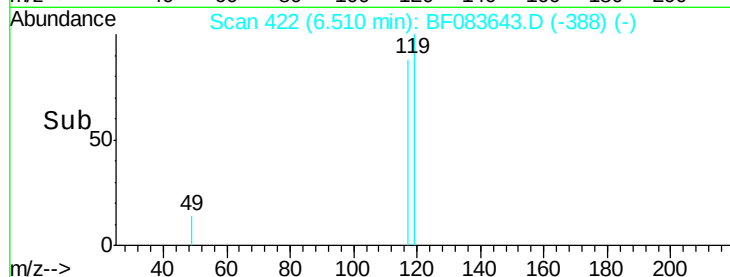
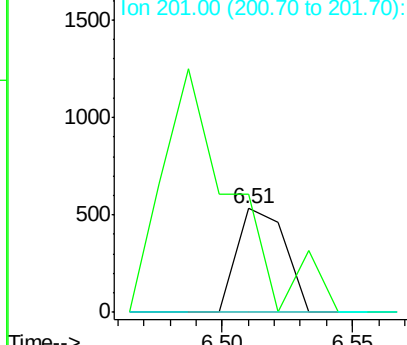
#18
 Hexachloroethane
 Concen: 4.48 ng
 RT: 6.51 min Scan# 422
 Delta R.T. 0.09 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Tot Ion: 117 Resp: 681
 Ion Ratio Lower Upper
 117 100
 119 114.1 77.2 115.8
 201 0.0 86.8 130.2#



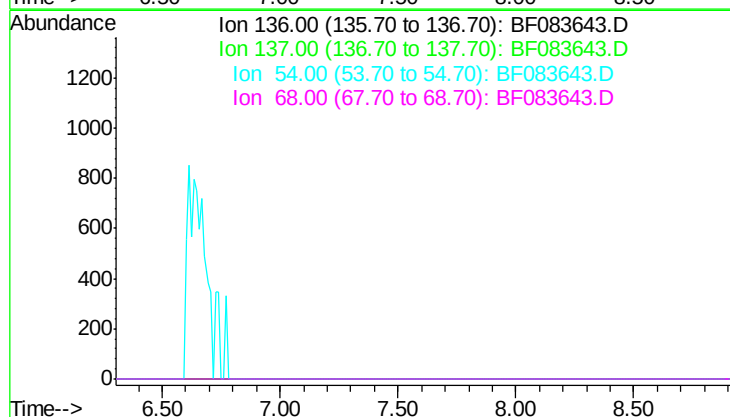
Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

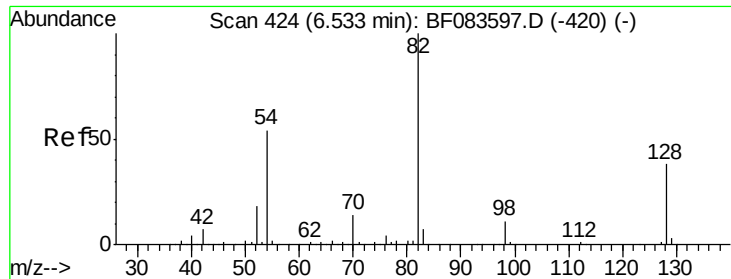


#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 7.61 min

Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Tgt Ion: 136
 Sig Exp Ratio
 136 100
 137 10.9
 54 9.7
 68 7.1

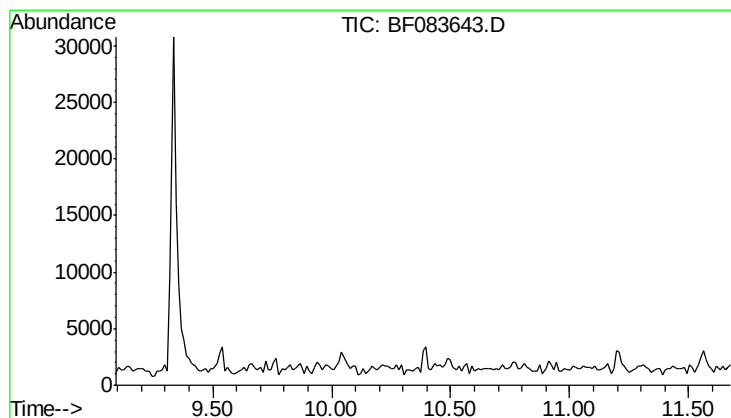
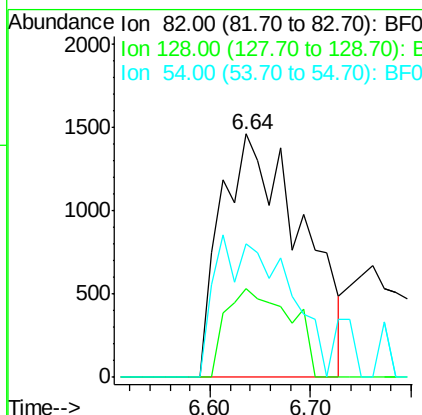
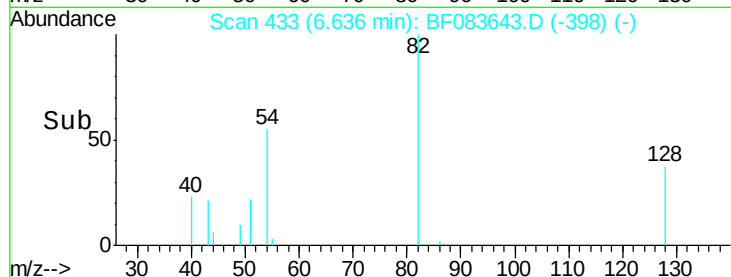
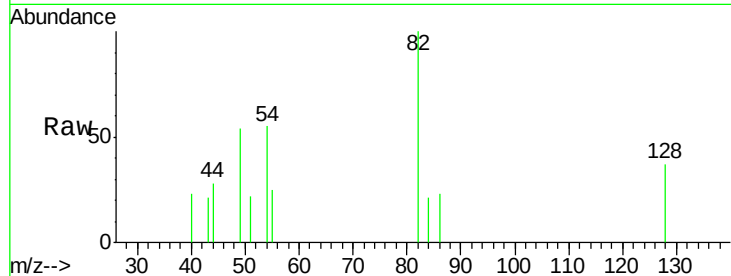




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 RT: 6.64 min Scan# 433
 Delta R.T. 0.10 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

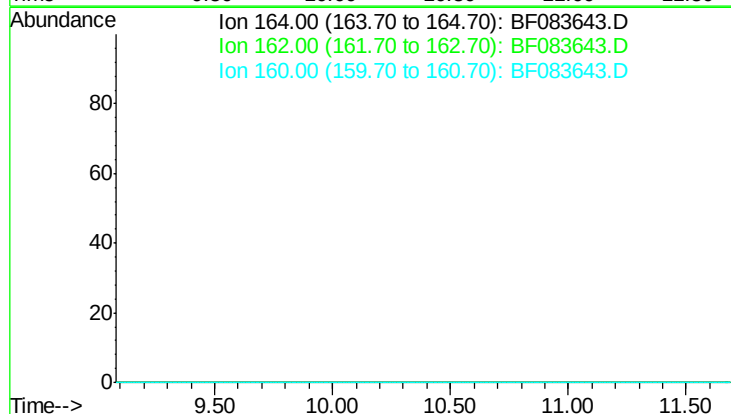
Tot Ion: 82 Resp: 8154
 Ion Ratio Lower Upper
 82 100
 128 36.7 30.7 46.1
 54 54.6 42.5 63.7

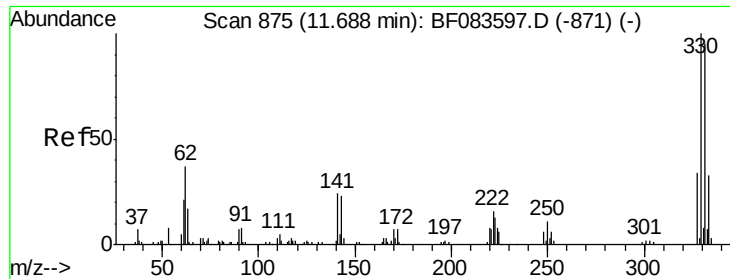


#38
 Acenaphthene-d10
 Concen: 0.00 ng
 Expected RT: 10.38 min

Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Tgt Ion: 164
 Sig Exp Ratio
 164 100
 162 98.5
 160 41.8

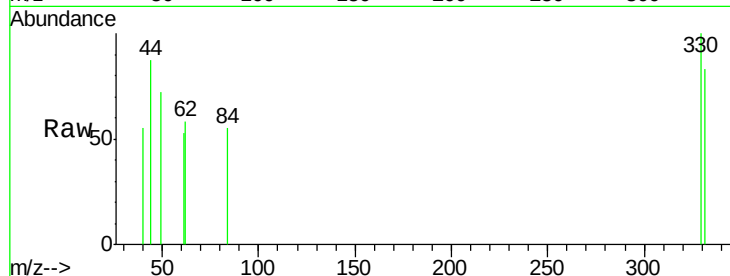




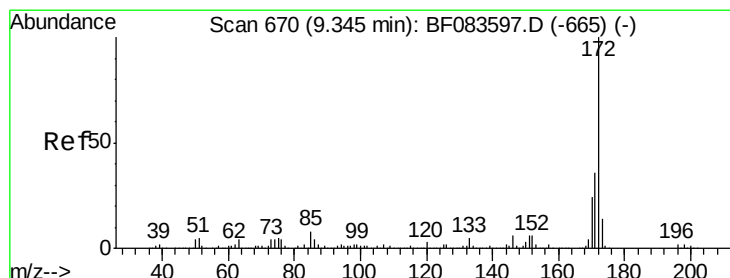
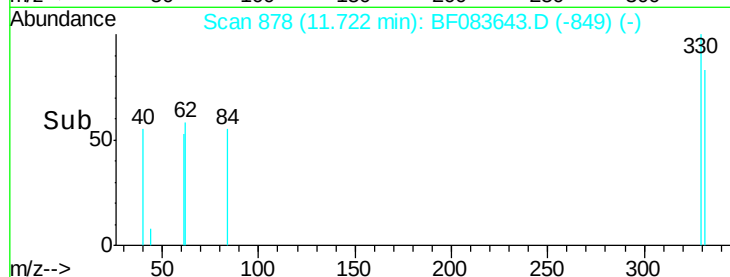
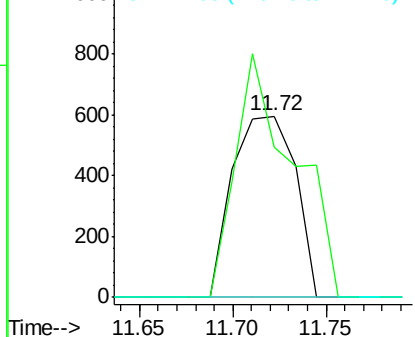
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 11.72 min Scan# 878
 Delta R.T. 0.03 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Tot Ion:330 Resp: 1393
 Ion Ratio Lower Upper
 330 100
 332 125.1 0.0 0.0#
 141 0.0 0.0 0.0

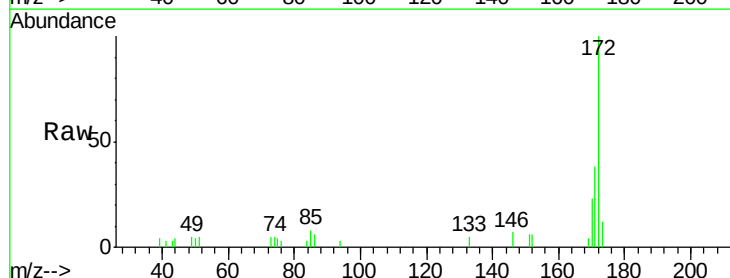


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

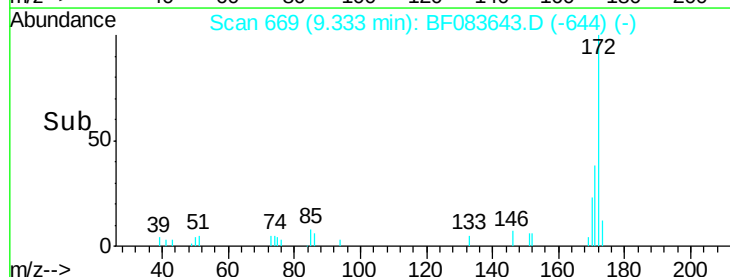
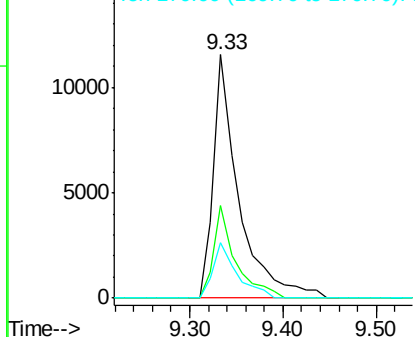


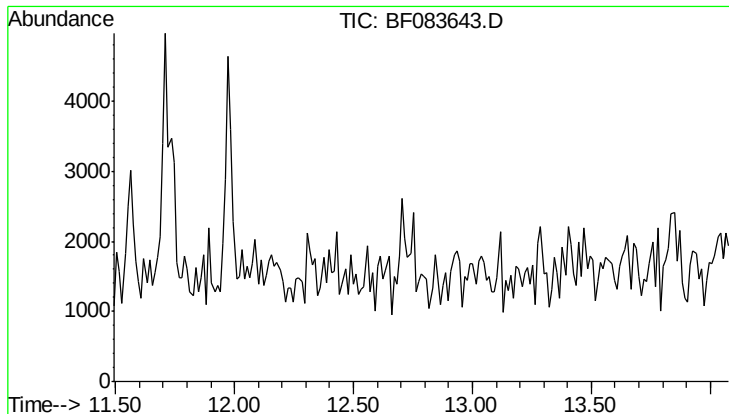
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Tgt Ion:172 Resp: 21866
 Ion Ratio Lower Upper
 172 100
 171 37.9 28.6 42.8
 170 22.7 19.4 29.0



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

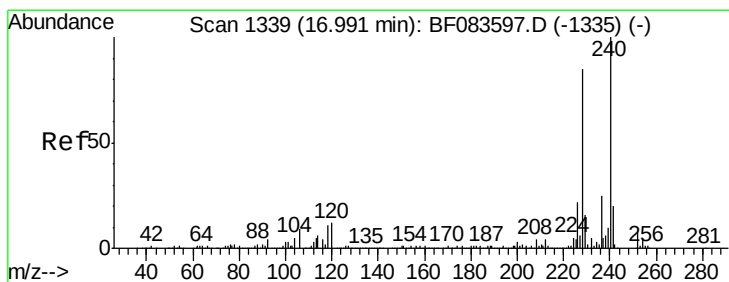
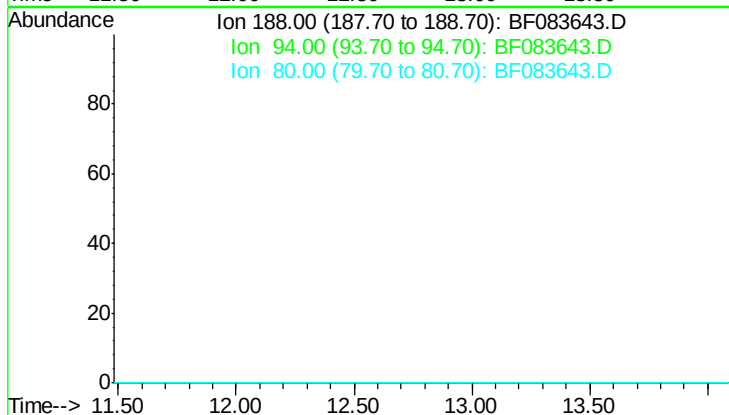




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.78 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

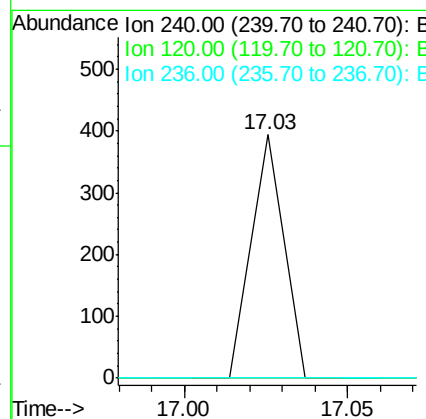
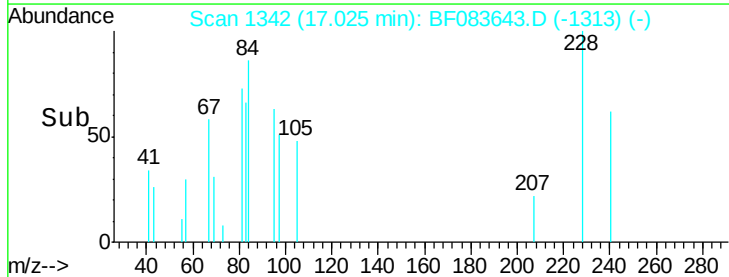
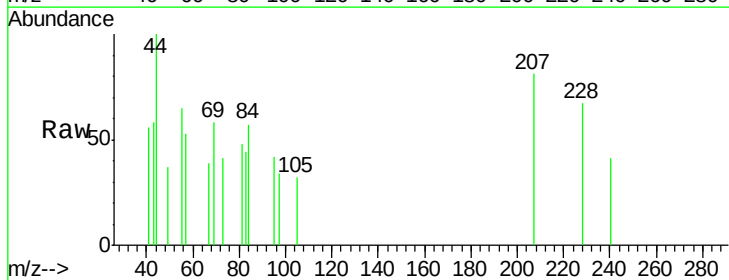
Instrument :
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 SHED-SOUTH-WALLDL2

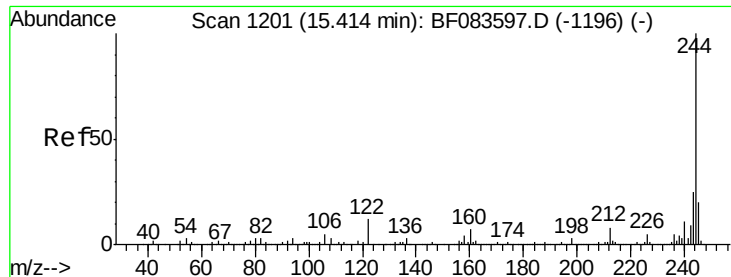
Tot Ion: 188
 Sig Exp Ratio
 188 100
 94 11.8
 80 13.3



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 17.03 min Scan# 1342
 Delta R.T. 0.03 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Tgt Ion: 240 Resp: 270
 Ion Ratio Lower Upper
 240 100
 120 0.0 8.1 12.1#
 236 0.0 20.8 31.2#

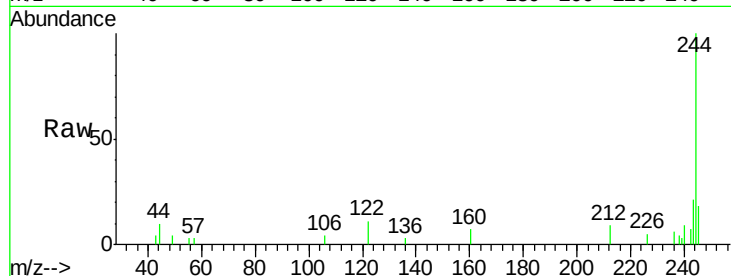




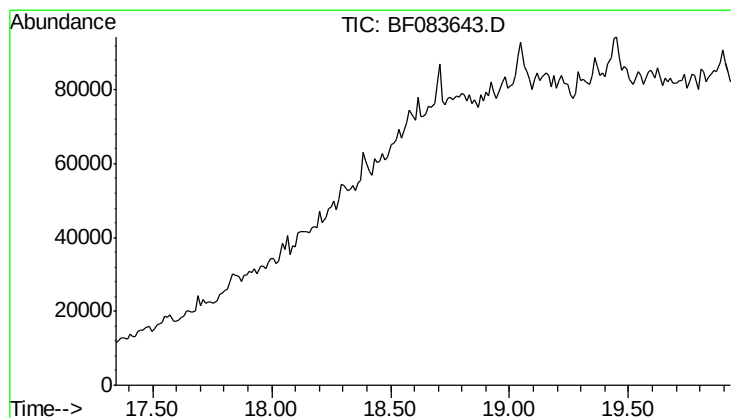
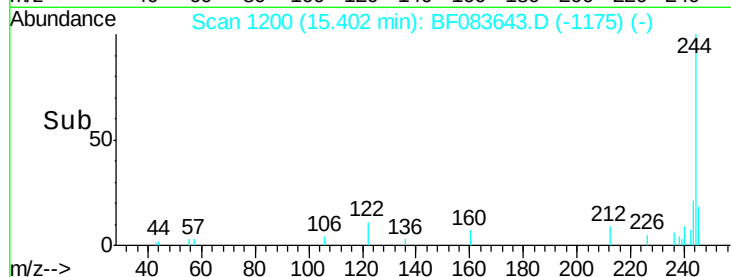
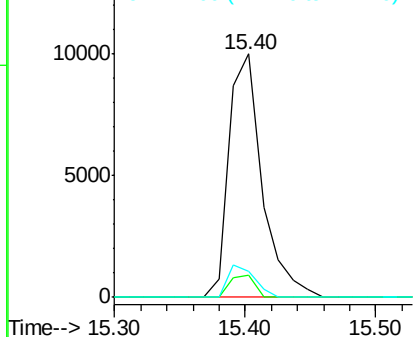
#78
 Terphenyl-d14
 Concen: 1537.02 ng
 RT: 15.40 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

Tot Ion: 244 Resp: 17638
 Ion Ratio Lower Upper
 244 100
 212 8.9 6.1 9.1
 122 10.7 11.0 16.6#



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: 0.00 ng
 Expected RT: 18.64 min

Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Tgt Ion: 264
 Sig Exp Ratio
 264 100
 260 24.2
 265 22.2

