

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 00:35:58 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

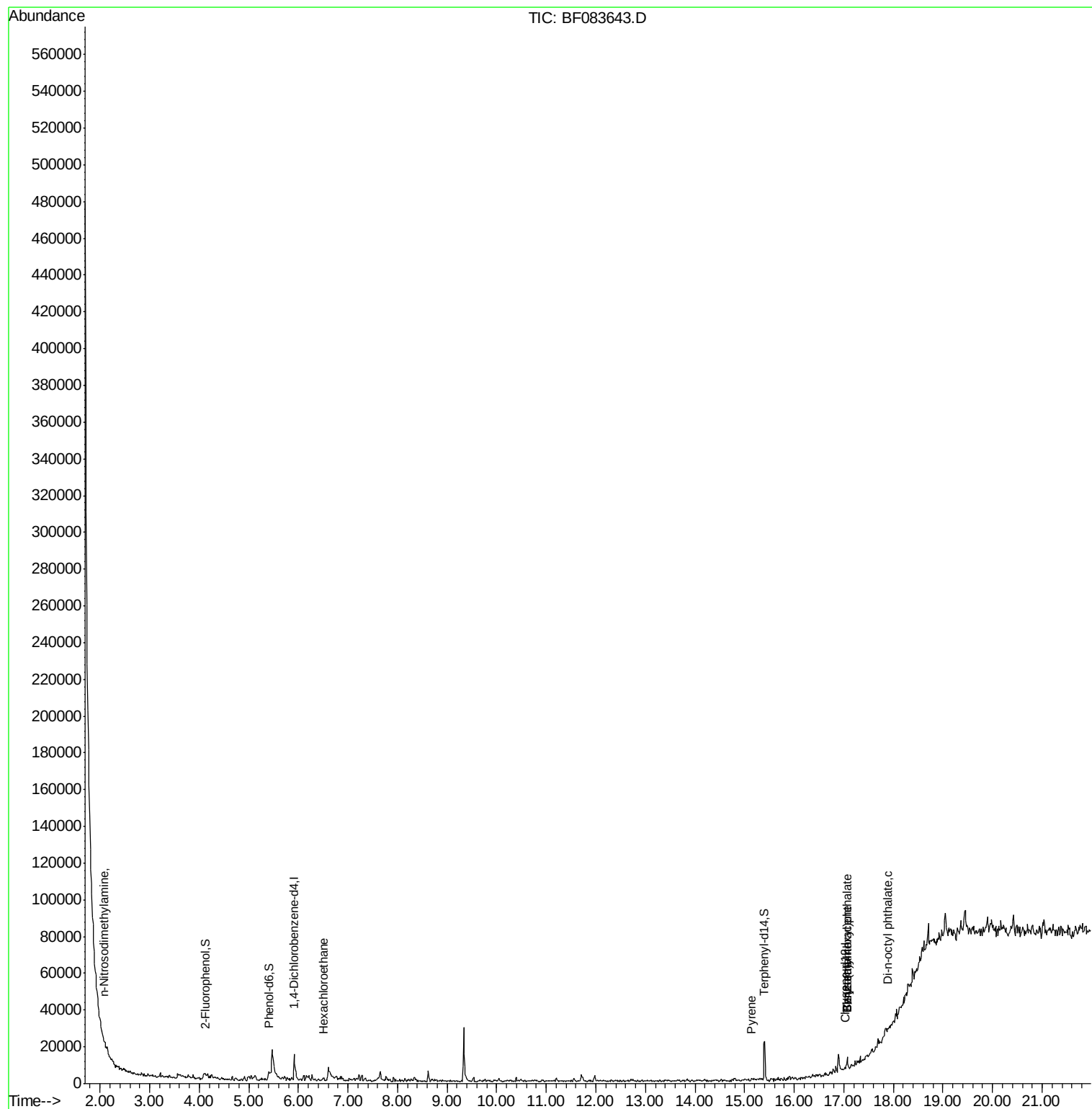
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.92	152	5222	20.00	ng	0.22
21) Naphthalene-d8	0.00	136	0	0.00	ng	-7.61
38) Acenaphthene-d10	0.00	164	0	0.00	ng	-10.38
63) Phenanthrene-d10	0.00	188	0	0.00	ng	-12.78
75) Chrysene-d12	17.03	240	270	20.00	ng	0.03
86) Perylene-d12	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
77) Pyrene	15.14	202	307	15.79	ng	# 57
80) Benzo(a)anthracene	17.07	228	3561	225.34	ng	# 51
82) Chrysene	17.07	228	3561	224.78	ng	# 49
83) Bis(2-ethylhexyl)phthalate	17.07	149	1814	151.48	ng	# 96
84) Di-n-octyl phthalate	17.89	149	466	25.47	ng	# 100

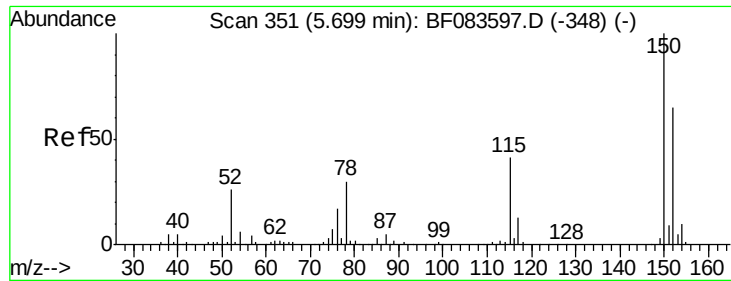
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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 00:35:58 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





#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

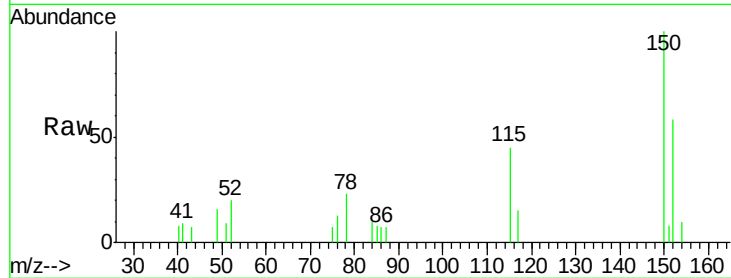
Tgt Ion:152 Resp: 5222

Ion Ratio Lower Upper

152 100

150 173.3 126.5 189.7

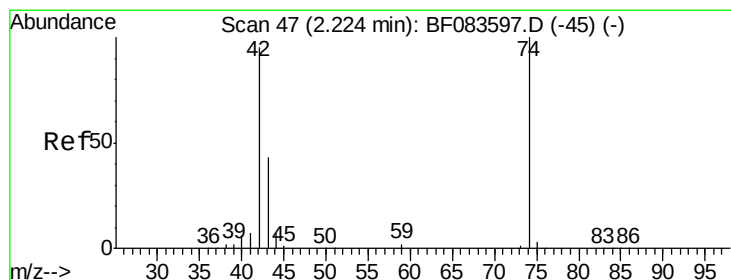
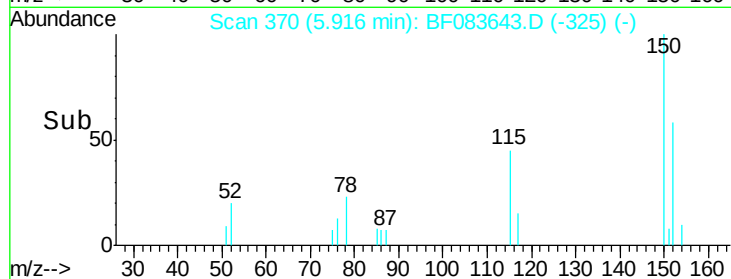
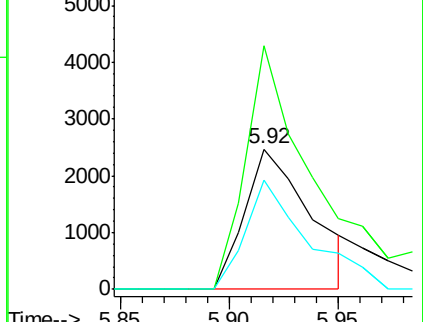
115 77.7 52.3 78.5



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

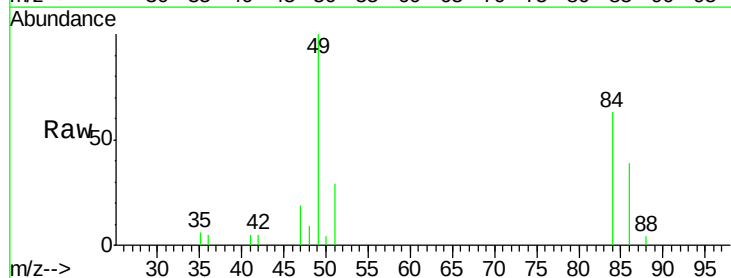
Tgt Ion: 42 Resp: 536

Ion Ratio Lower Upper

42 100

74 0.0 92.9 139.3#

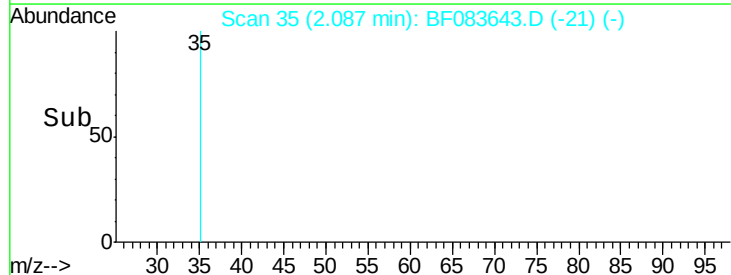
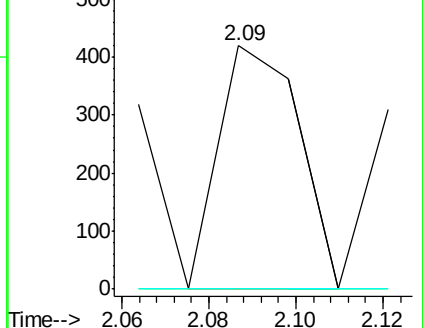
44 0.0 5.7 8.5#

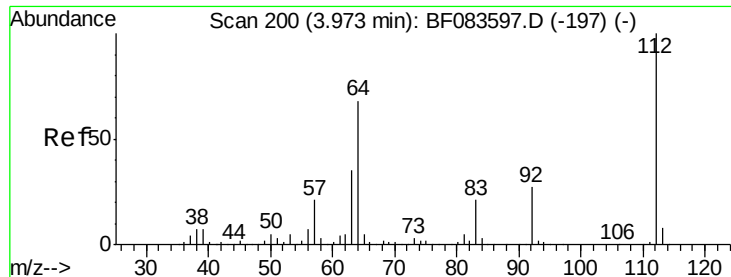


Abundance Ion 42.00 (41.70 to 42.70): BF0

Ion 74.00 (73.70 to 74.70): BF0

Ion 44.00 (43.70 to 44.70): BF0

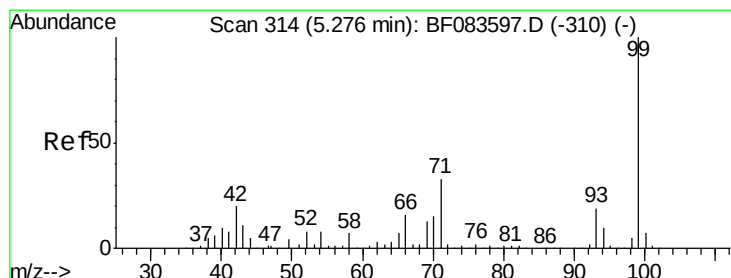
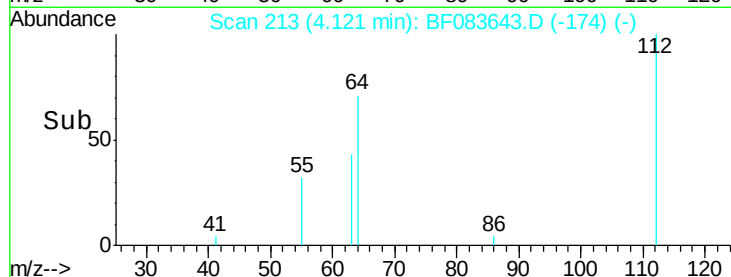
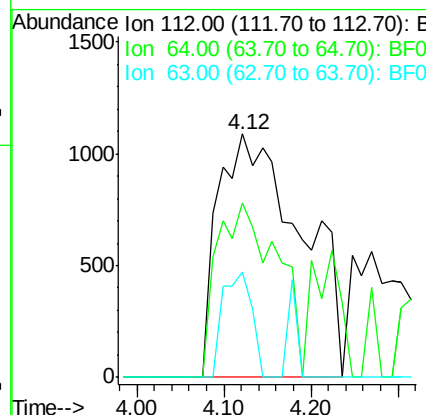
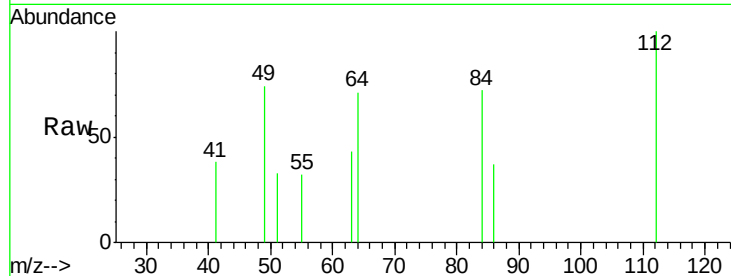




#5
 2-Fluorophenol
 Concen: 20.92 ng
 RT: 4.12 min Scan# 213
 Delta R.T. 0.15 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

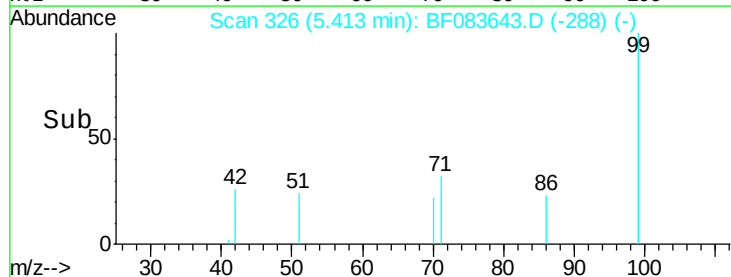
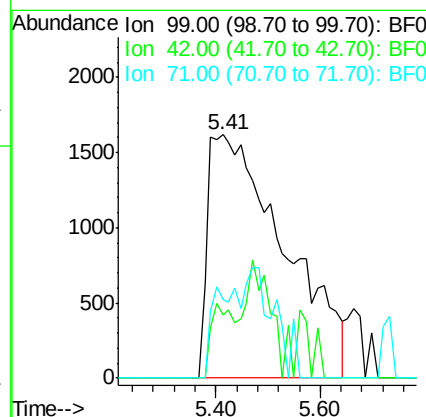
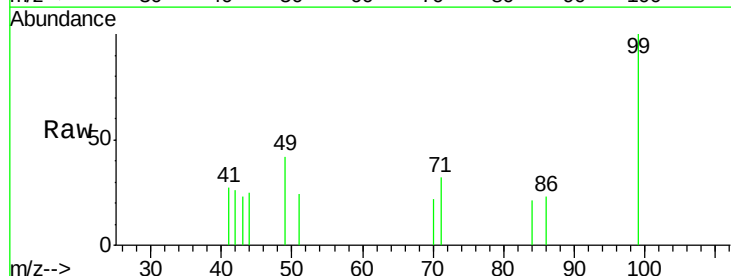
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

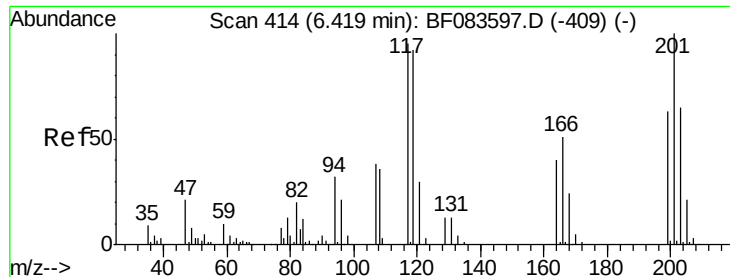
Tgt Ion: 112 Resp: 7203
 Ion Ratio Lower Upper
 112 100
 64 71.4 50.5 75.7
 63 43.3 25.8 38.6#



#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

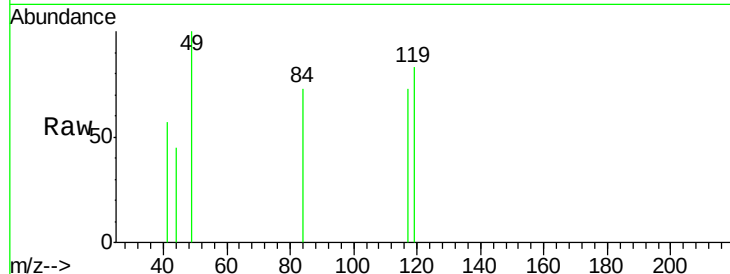




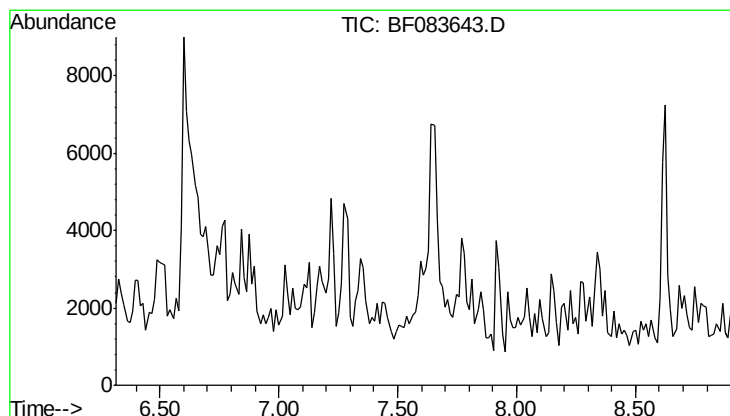
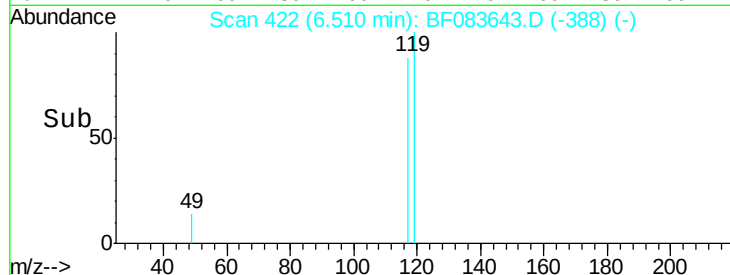
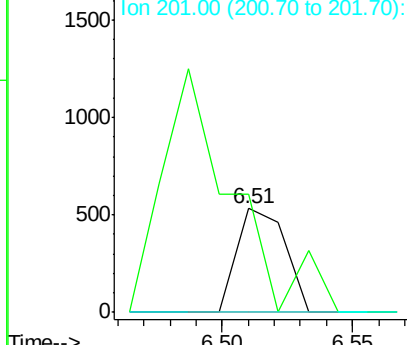
#18
 Hexachloroethane
 Concen: 4.48 ng
 RT: 6.51 min Scan# 422
 Delta R.T. 0.09 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

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



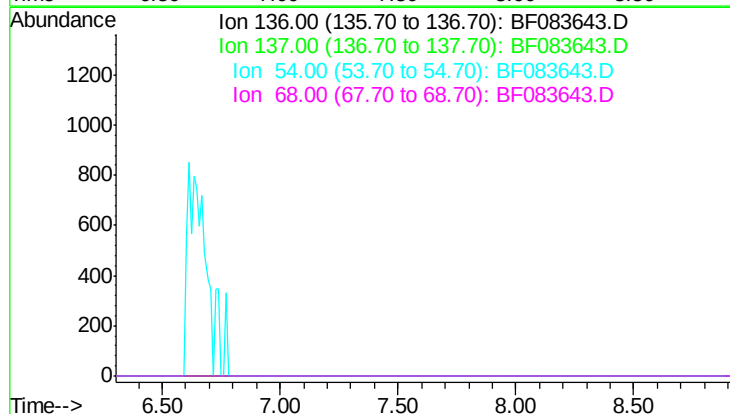
Abundance Ion 117.00 (116.70 to 117.70): E
 Ion 119.00 (118.70 to 119.70): E
 Ion 201.00 (200.70 to 201.70): E

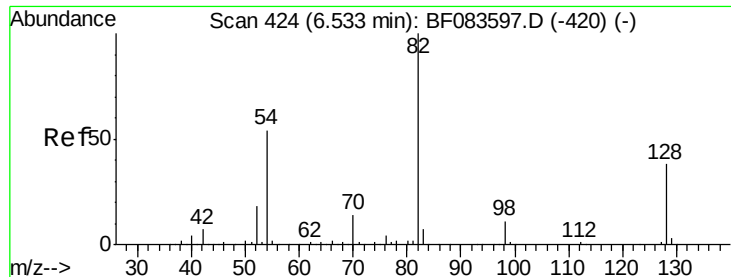


#21
 Naphthalene-d8
 Concen: 0.00 ng
 Expected RT: 7.61 min

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

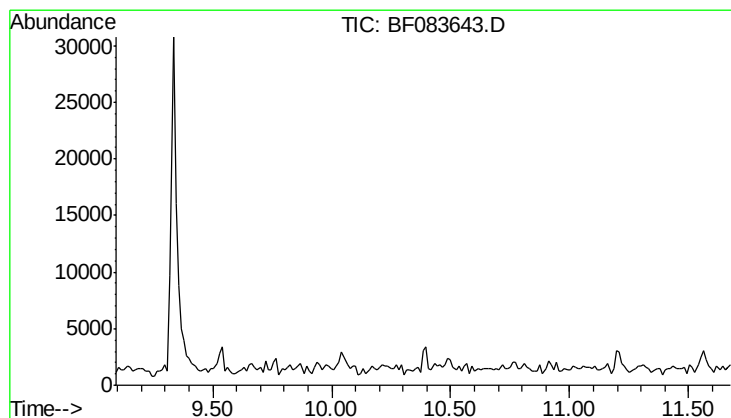
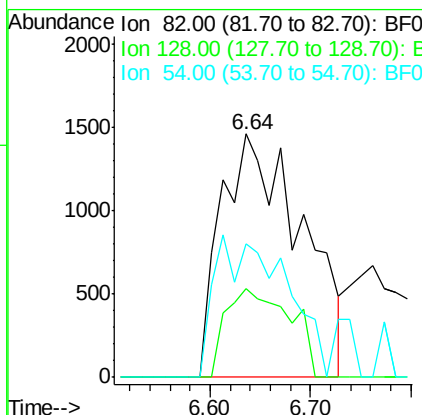
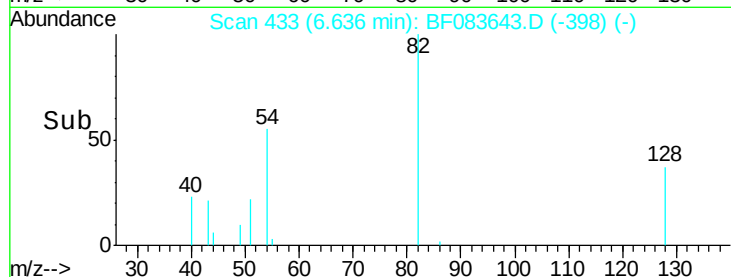
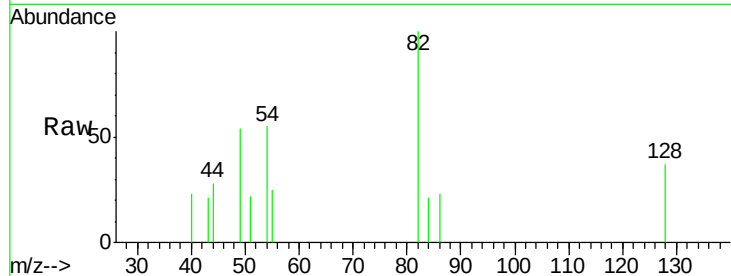




#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 6.64 min Scan# 433
Delta R.T. 0.10 min
Lab File: BF083643.D
Acq: 9 Dec 2015 17:02

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

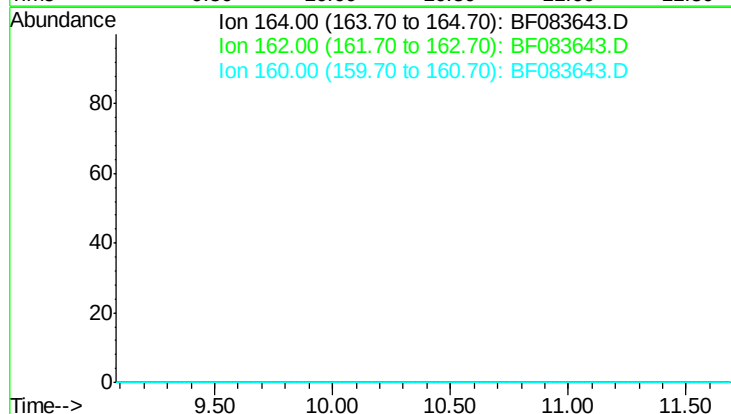
Tgt Ion: 82 Resp: 8154
Ion Ratio Lower Upper
82 100
128 36.7 30.7 46.1
54 54.6 42.5 63.7

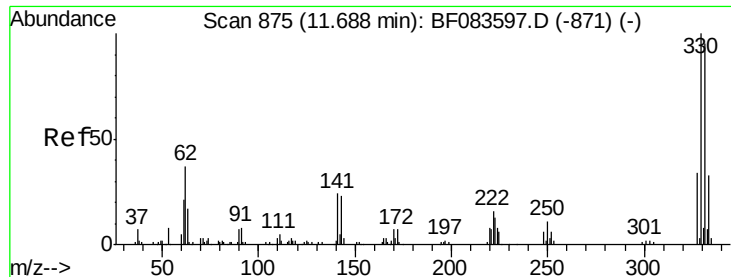


#38
Acenaphthene-d10
Concen: 0.00 ng
Expected RT: 10.38 min

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

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

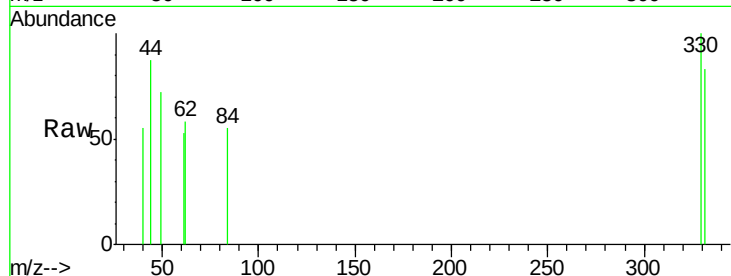




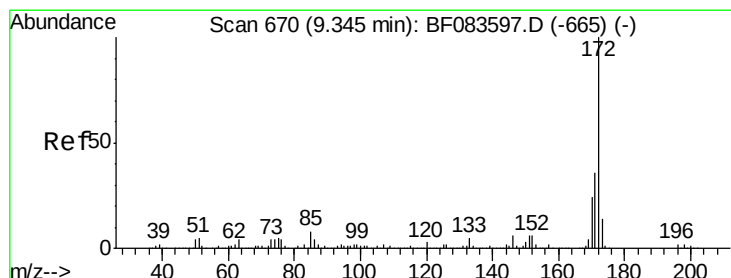
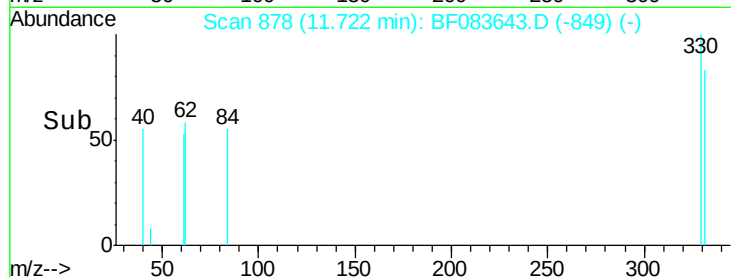
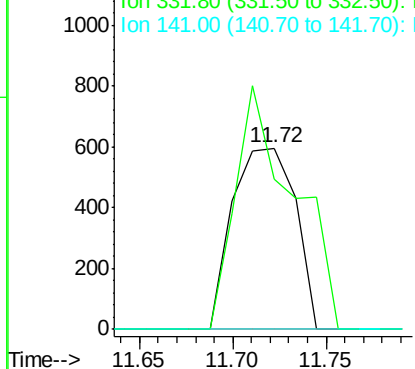
#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 RT: 11.72 min Scan# 878
 Delta R.T. 0.03 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

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

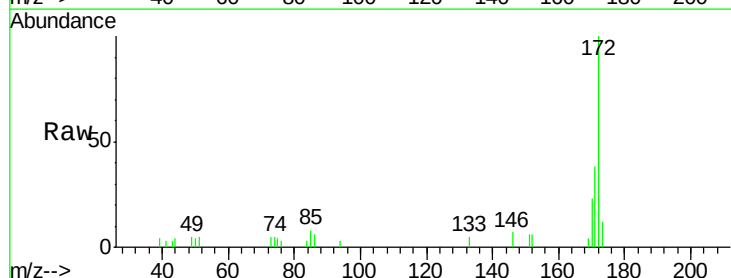


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

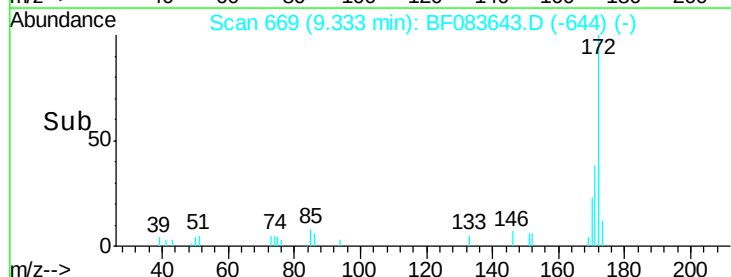
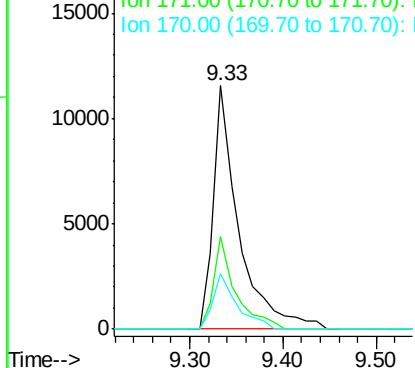


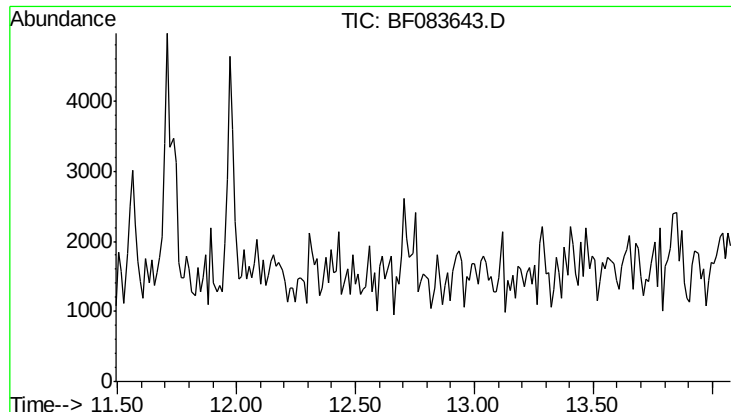
#44
 2-Fluorobiphenyl
 Concen: 0.00 ng
 RT: 9.33 min Scan# 669
 Delta R.T. -0.01 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

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

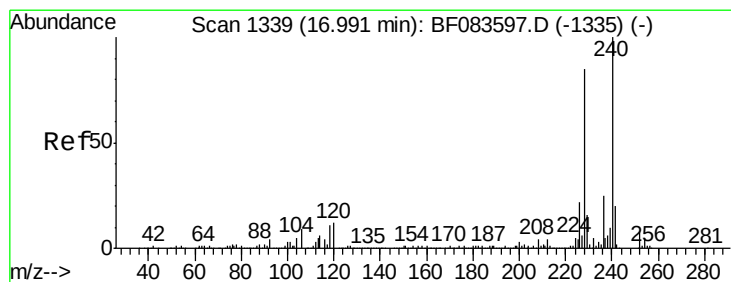
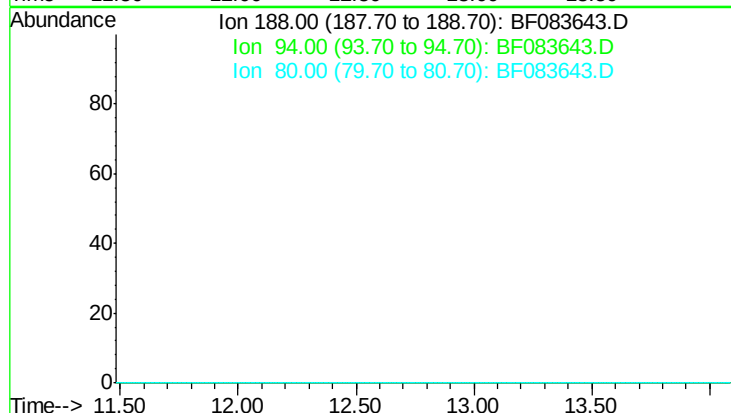




#63
 Phenanthrene-d10
 Concen: 0.00 ng
 Expected RT: 12.78 min
 Lab File: BF083643.D
 Acq: 9 Dec 2015 17:02

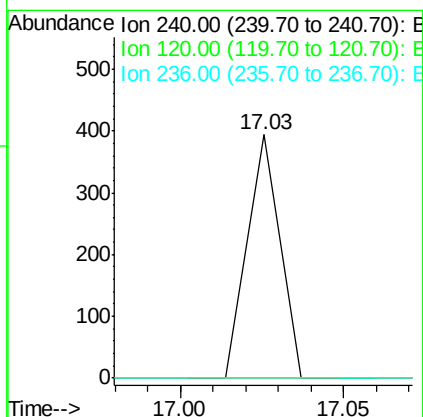
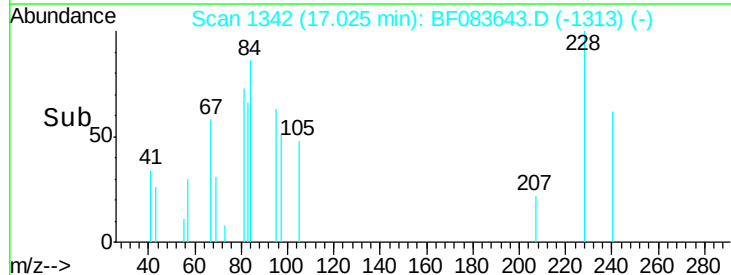
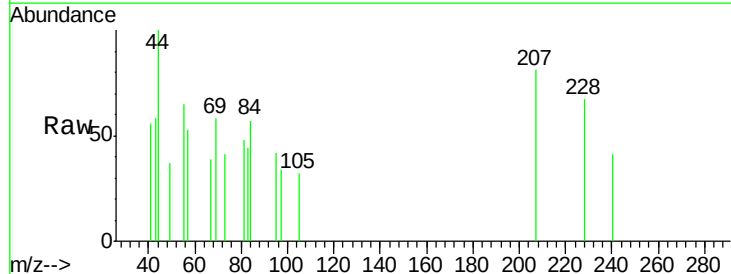
Instrument :
 BNA_F
 ClientSampleId :
 SHED-SOUTH-WALLDL2

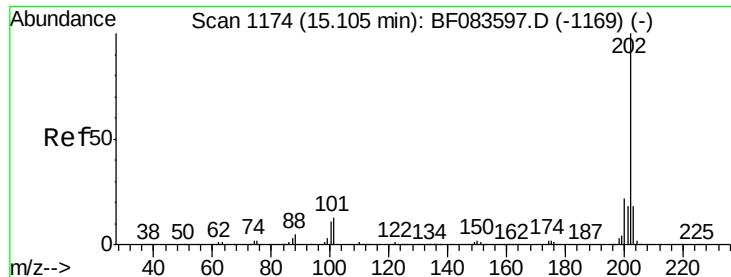
Tgt Ion: 188
 Sig Exp Ratio
 188 100
 94 11.8
 80 13.3



#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#





#77

Pyrene

Concen: 15.79 ng

RT: 15.14 min Scan# 1177

Delta R.T. 0.03 min

Lab File: BF083643.D

Acq: 9 Dec 2015 17:02

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL2

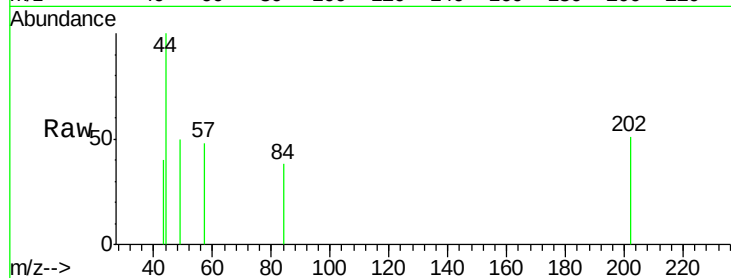
Tgt Ion: 202 Resp: 307

Ion Ratio Lower Upper

202 100

200 0.0 16.7 25.1#

203 0.0 14.3 21.5#



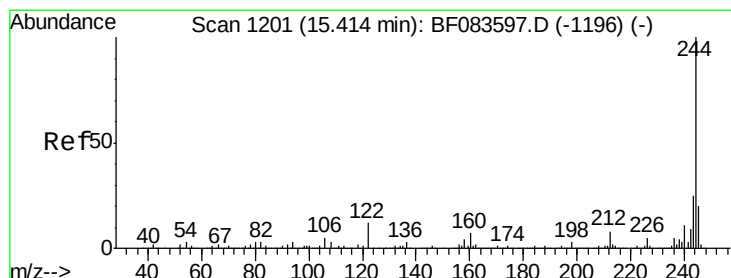
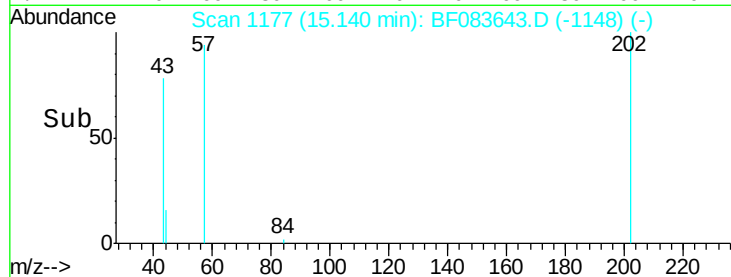
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

15.14

Time--> 15.10 15.15



#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

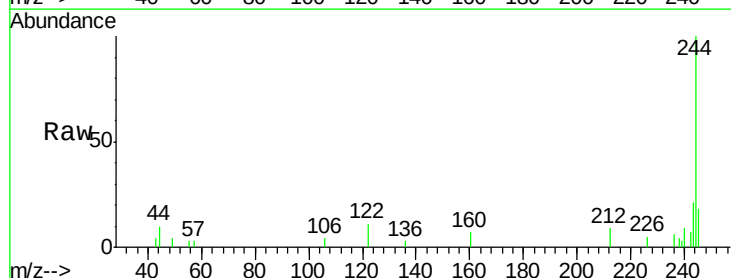
Tgt Ion: 244 Resp: 17638

Ion Ratio Lower Upper

244 100

212 8.9 6.1 9.1

122 10.7 11.0 16.6#



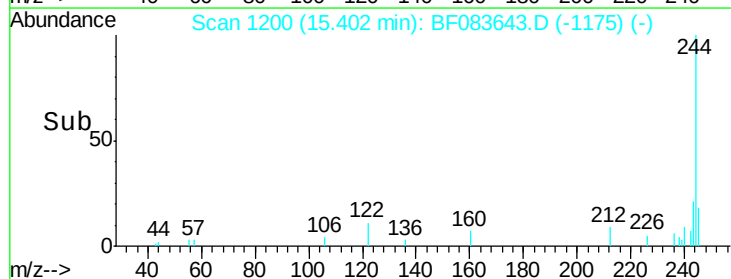
Abundance Ion 244.00 (243.70 to 244.70): E

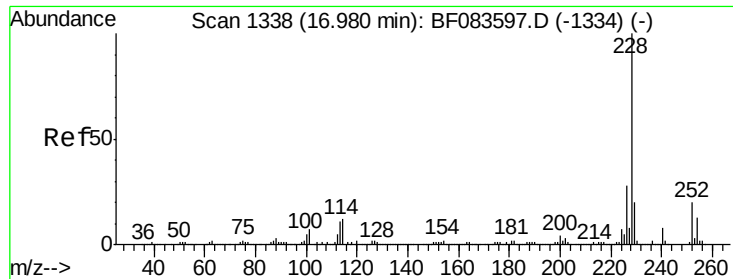
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

15.40

Time--> 15.30 15.40 15.50

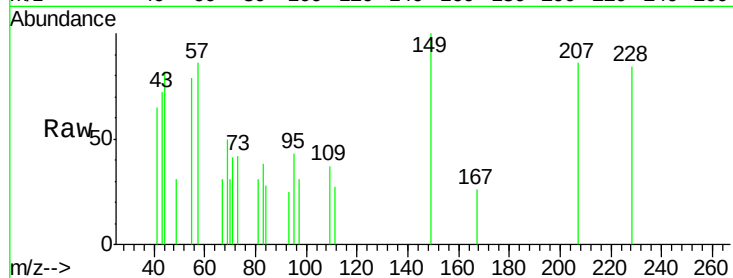




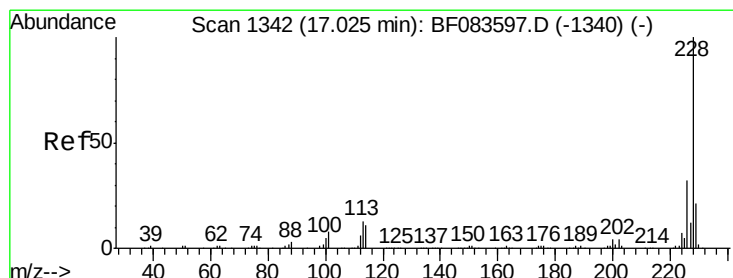
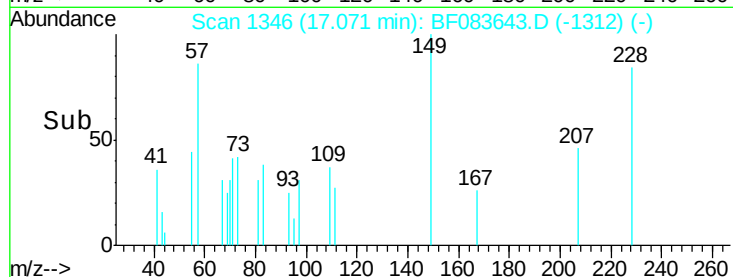
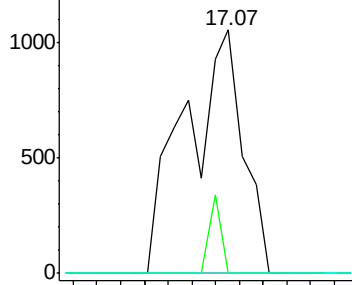
#80
Benzo(a)anthracene
Concen: 225.34 ng
RT: 17.07 min Scan# 1346
Delta R.T. 0.09 min
Lab File: BF083643.D
Acq: 9 Dec 2015 17:02

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

Tgt Ion:228 Resp: 3561
Ion Ratio Lower Upper
228 100
226 0.0 22.3 33.5#
229 0.0 15.7 23.5#

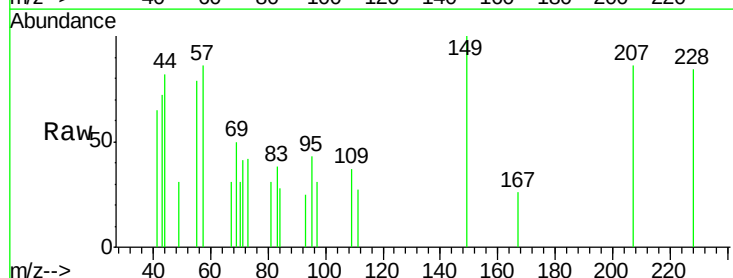


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

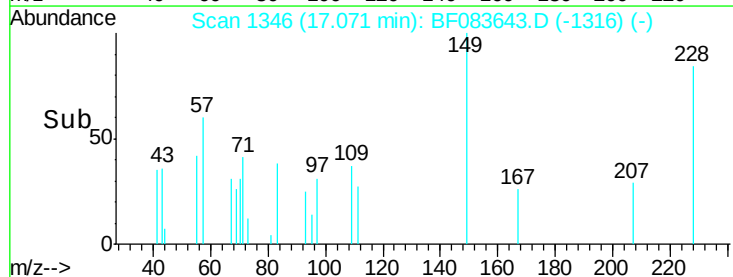
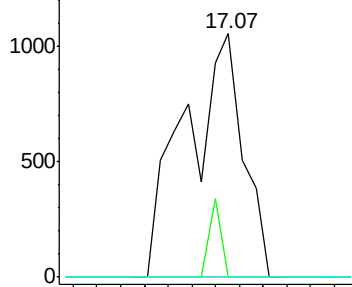


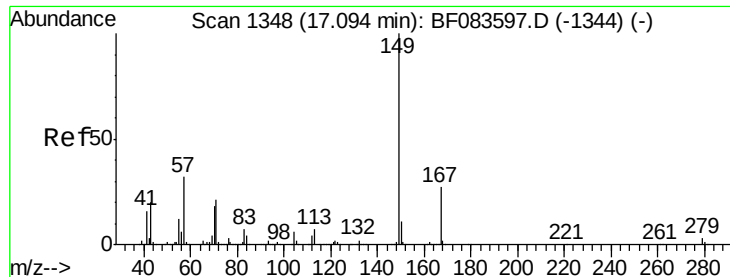
#82
Chrysene
Concen: 224.78 ng
RT: 17.07 min Scan# 1346
Delta R.T. 0.05 min
Lab File: BF083643.D
Acq: 9 Dec 2015 17:02

Tgt Ion:228 Resp: 3561
Ion Ratio Lower Upper
228 100
226 0.0 24.7 37.1#
229 0.0 16.3 24.5#



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 151.48 ng

RT: 17.07 min Scan# 1346

Delta R.T. -0.02 min

Lab File: BF083643.D

Acq: 9 Dec 2015 17:02

Instrument :

BNA_F

ClientSampleId :

SHED-SOUTH-WALLDL2

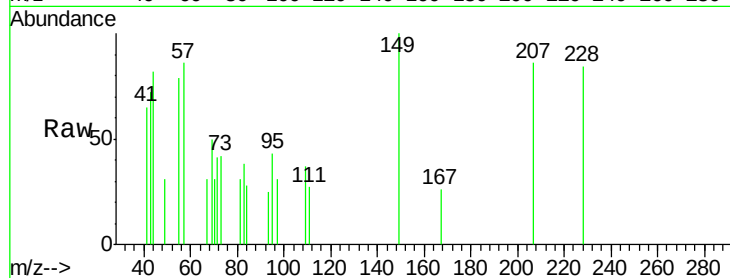
Tgt Ion:149 Resp: 1814

Ion Ratio Lower Upper

149 100

167 26.0 21.8 32.8

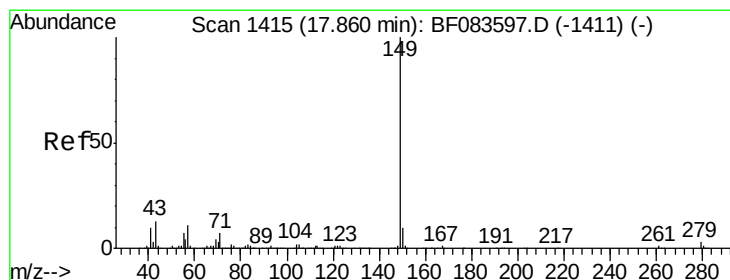
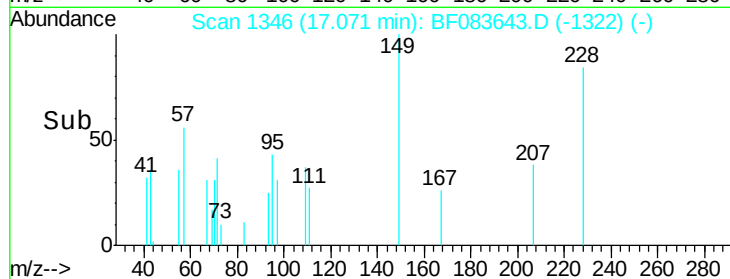
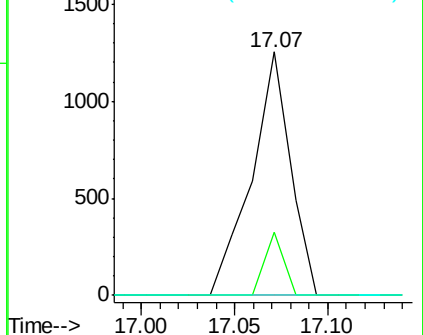
279 0.0 3.0 4.4#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 25.47 ng

RT: 17.89 min Scan# 1418

Delta R.T. 0.03 min

Lab File: BF083643.D

Acq: 9 Dec 2015 17:02

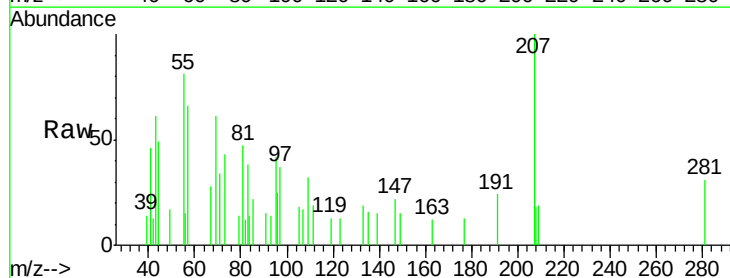
Tgt Ion:149 Resp: 466

Ion Ratio Lower Upper

149 100

167 0.0 0.0 0.0

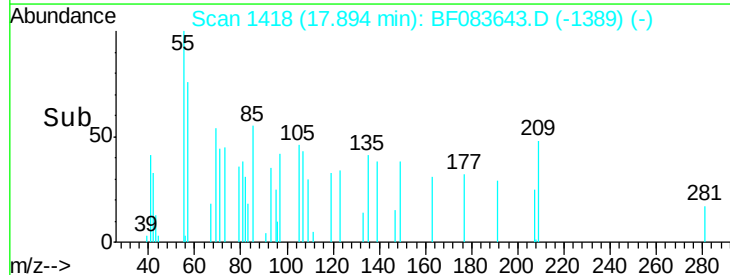
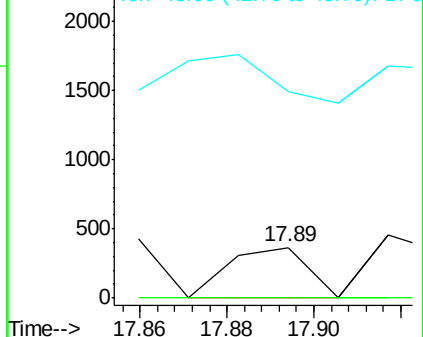
43 492.5 0.0 0.0#

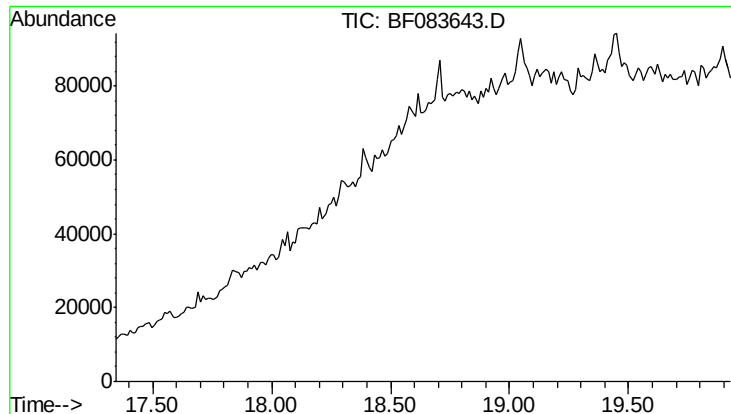


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0





#86
Perylene-d12
Concen: 0.00 ng
Expected RT: 18.64 min

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

Instrument :
BNA_F
ClientSampleId :
SHED-SOUTH-WALLDL2

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

