

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF111715\
 Data File : BF082974.D
 Acq On : 17 Nov 2015 19:07
 Operator : UM/IZ
 Sample : PB86421BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

Quant Time: Nov 18 04:59:53 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	163224	20.00	ng	-0.10
21) Naphthalene-d8	8.04	136	647454	20.00	ng	-0.10
38) Acenaphthene-d10	9.79	164	330000	20.00	ng	-0.10
63) Phenanthrene-d10	11.28	188	662840	20.00	ng	-0.10
75) Chrysene-d12	13.91	240	634933	20.00	ng	-0.11
86) Perylene-d12	15.30	264	467741	20.00	ng	-0.16
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1066204	101.64	ng	-0.08
7) Phenol-d6	6.41	99	1464725	105.03	ng	-0.08
23) Nitrobenzene-d5	7.32	82	1067855	71.77	ng	-0.09
41) 2,4,6-Tribromophenol	10.58	330	352009	93.03	ng	-0.10
44) 2-Fluorobiphenyl	9.12	172	1596296	69.33	ng	-0.10
78) Terphenyl-d14	12.86	244	1778772	66.45	ng	-0.10

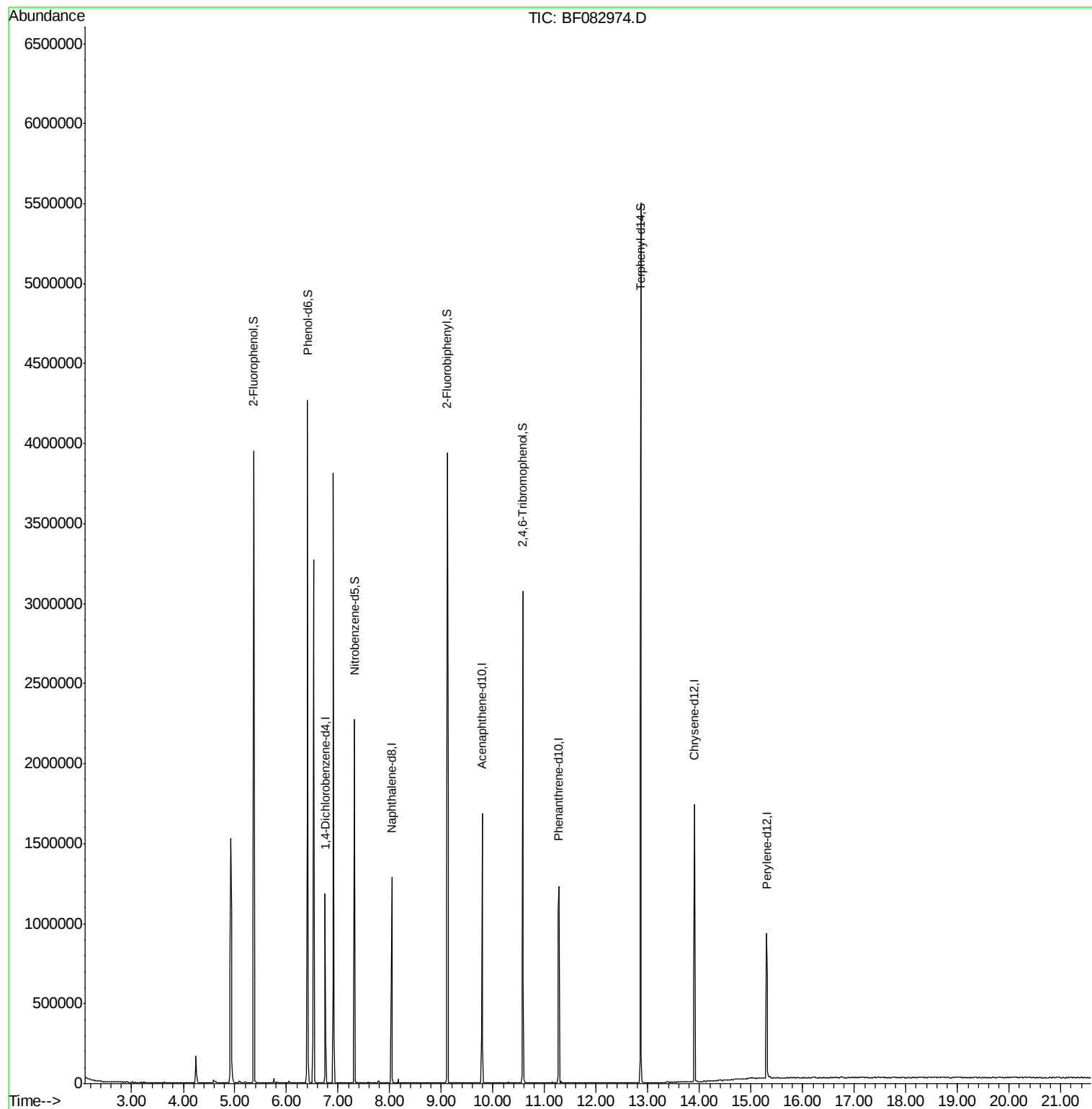
Target Compounds	Qvalue
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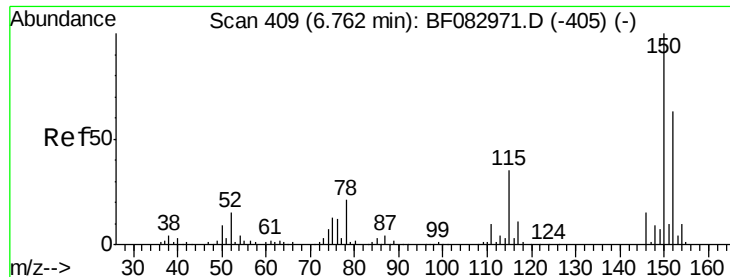
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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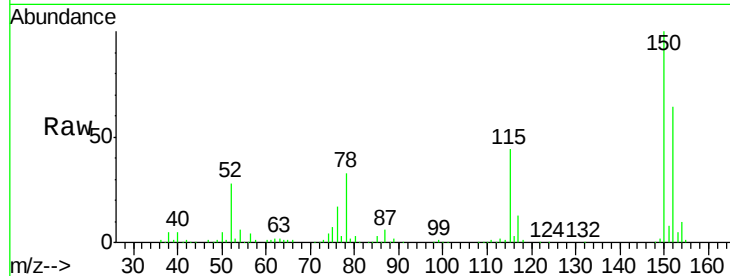


#1

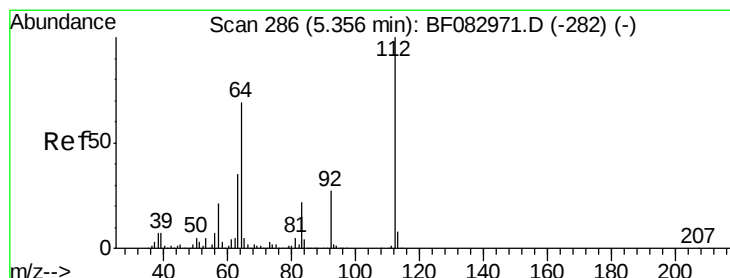
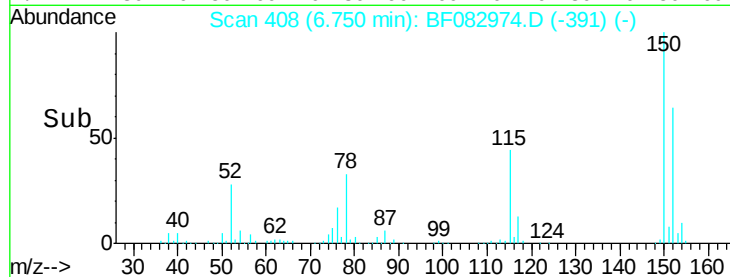
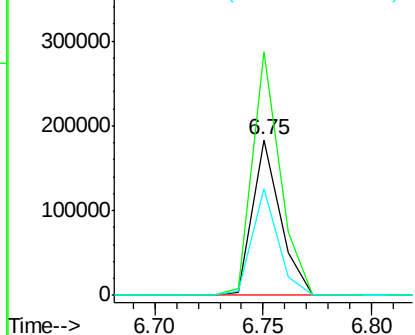
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.75 min Scan# 408
Delta R.T. -0.10 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Instrument :
BNA_F
ClientSampleId :
PB86421BL

Tgt Ion:152 Resp: 163224
Ion Ratio Lower Upper
152 100
150 156.6 127.0 190.4
115 68.4 47.0 70.6



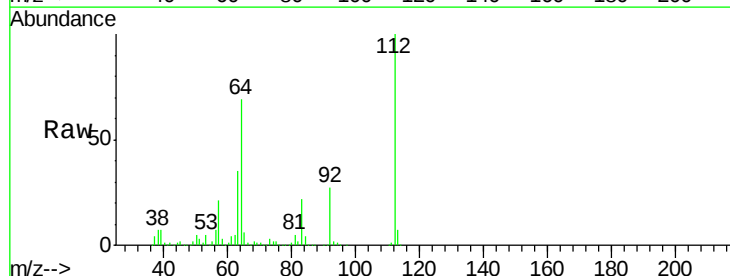
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



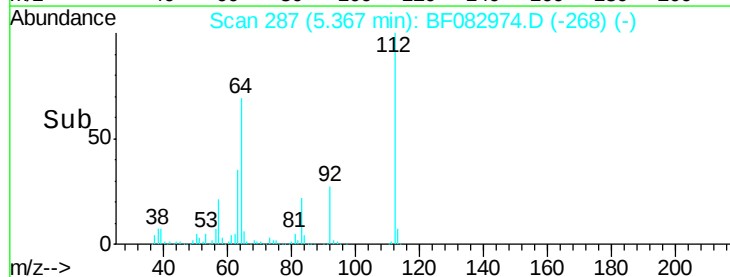
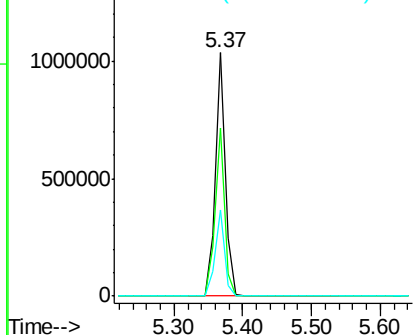
#5

2-Fluorophenol
Concen: 101.64 ng
RT: 5.37 min Scan# 287
Delta R.T. -0.08 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Tgt Ion:112 Resp: 1066204
Ion Ratio Lower Upper
112 100
64 69.1 48.9 73.3
63 35.5 28.1 42.1



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: 105.03 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.08 min

Lab File: BF082974.D

Acq: 17 Nov 2015 19:07

Instrument :

BNA_F

ClientSampleId :

PB86421BL

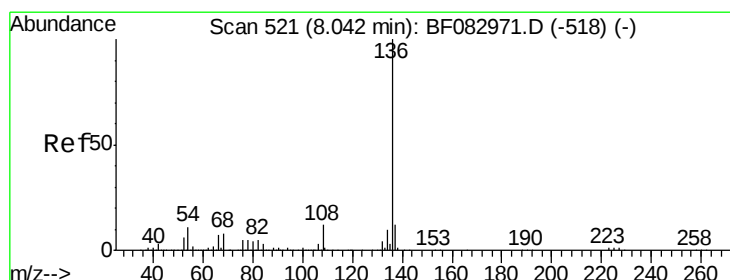
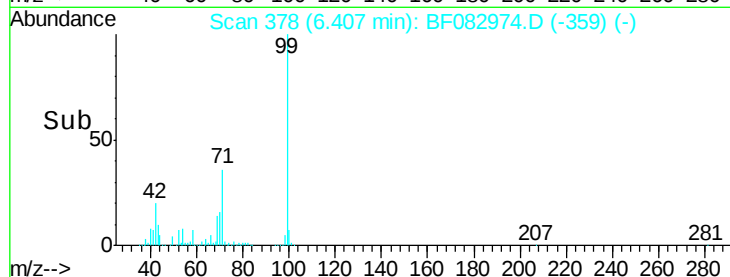
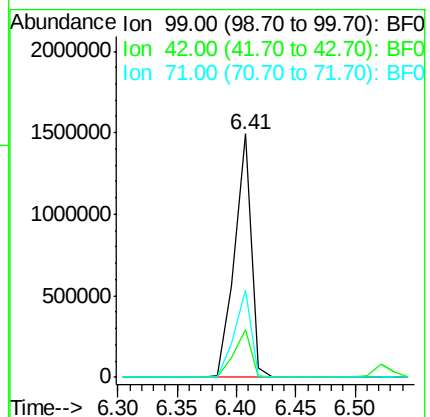
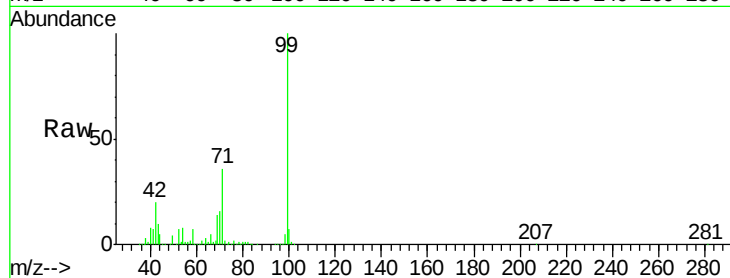
Tgt Ion: 99 Resp: 1464725

Ion Ratio Lower Upper

99 100

42 19.5 19.2 28.8

71 36.0 35.0 52.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.04 min Scan# 521

Delta R.T. -0.10 min

Lab File: BF082974.D

Acq: 17 Nov 2015 19:07

Tgt Ion: 136 Resp: 647454

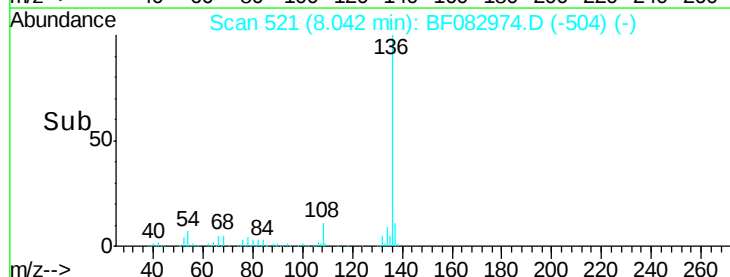
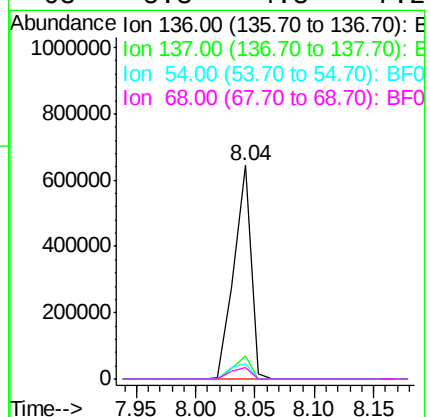
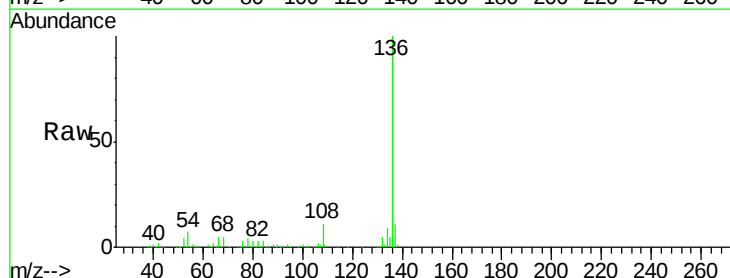
Ion Ratio Lower Upper

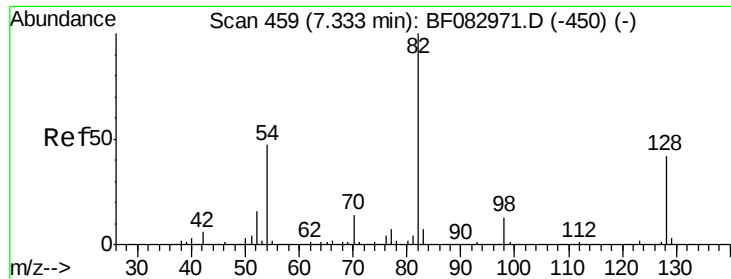
136 100

137 11.0 9.1 13.7

54 7.3 9.1 13.7#

68 5.3 4.8 7.2

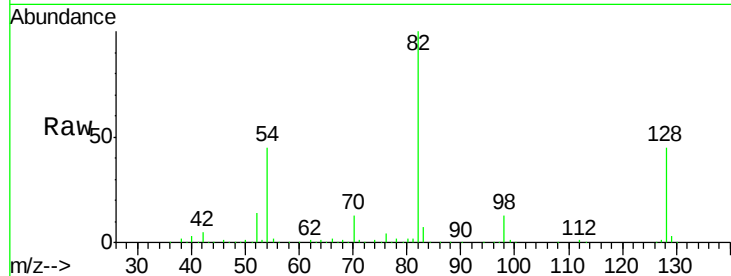




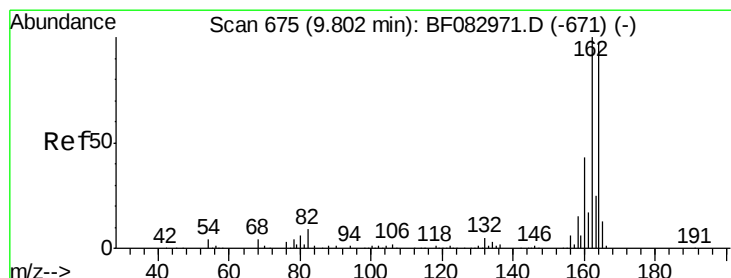
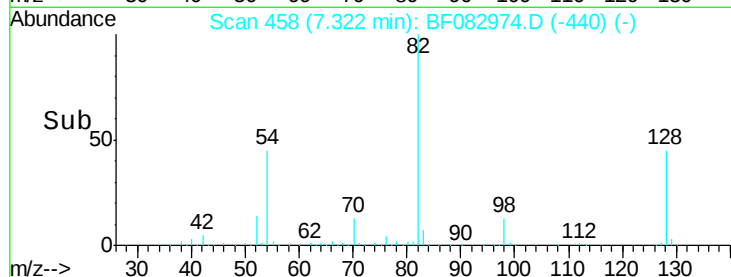
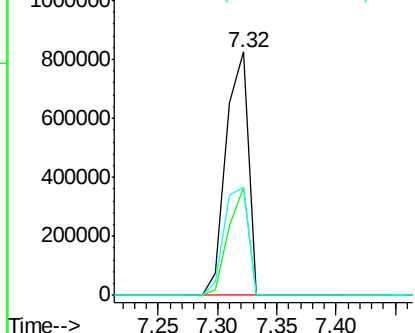
#23
 Nitrobenzene-d5
 Concen: 71.77 ng
 RT: 7.32 min Scan# 458
 Delta R.T. -0.09 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

Tgt Ion: 82 Resp: 1067855
 Ion Ratio Lower Upper
 82 100
 128 44.6 26.8 40.2#
 54 44.6 45.7 68.5#

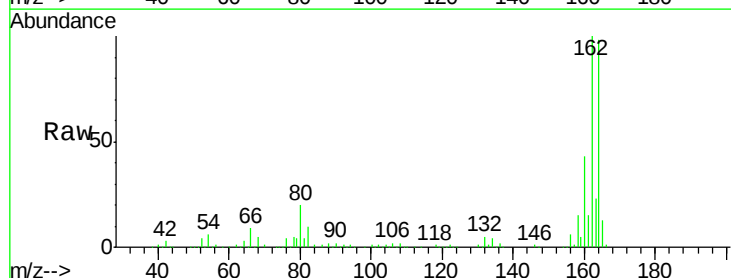


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

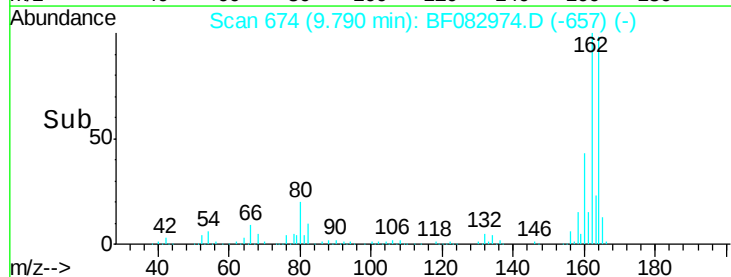
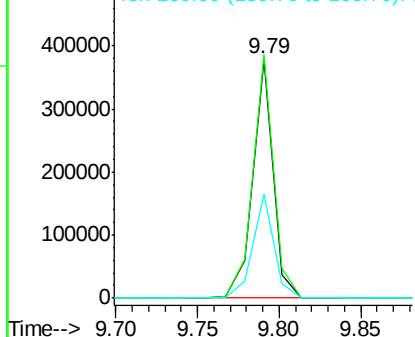


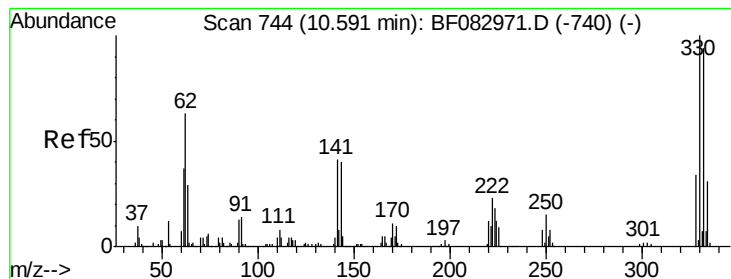
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.79 min Scan# 674
 Delta R.T. -0.10 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Tgt Ion: 164 Resp: 330000
 Ion Ratio Lower Upper
 164 100
 162 101.8 84.9 127.3
 160 43.6 37.5 56.3



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

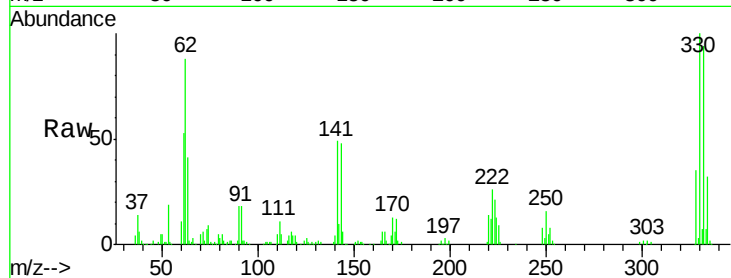




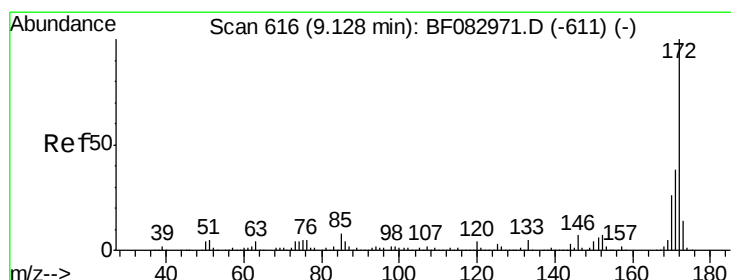
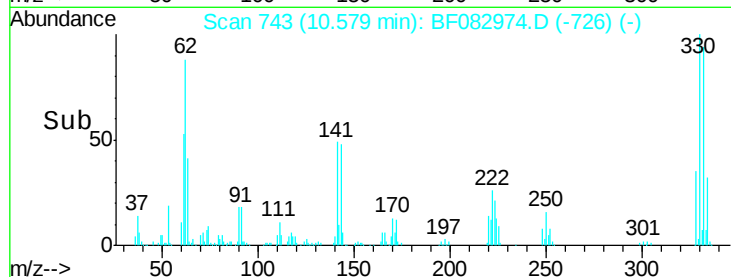
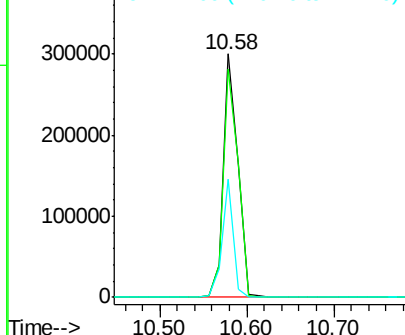
#41
 2,4,6-Tribromophenol
 Concen: 93.03 ng
 RT: 10.58 min Scan# 743
 Delta R.T. -0.10 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Instrument :
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 ClientSampleId :
 PB86421BL

Tgt Ion:330 Resp: 352009
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 38.1 41.2 61.8#

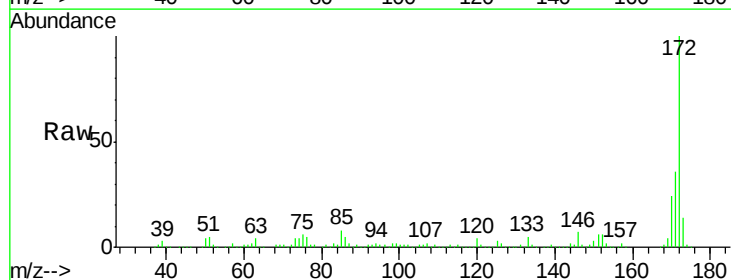


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

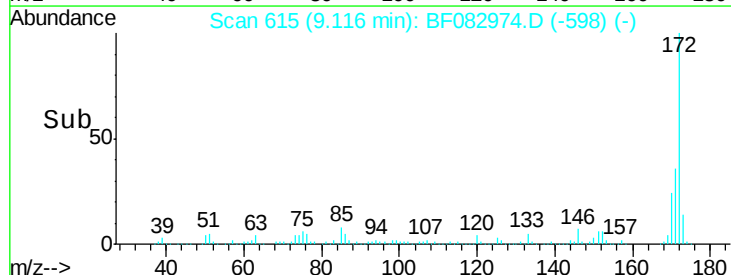
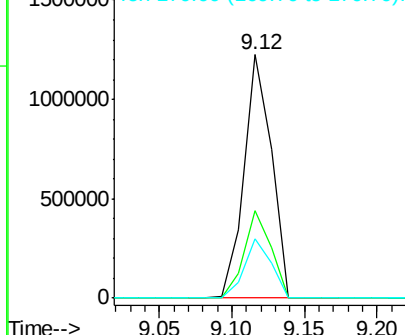


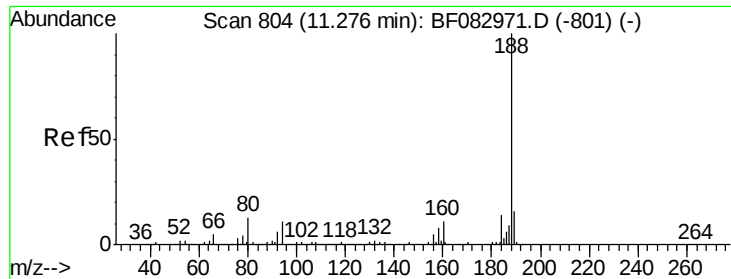
#44
 2-Fluorobiphenyl
 Concen: 69.33 ng
 RT: 9.12 min Scan# 615
 Delta R.T. -0.10 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Tgt Ion:172 Resp: 1596296
 Ion Ratio Lower Upper
 172 100
 171 36.0 30.8 46.2
 170 24.4 21.2 31.8



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

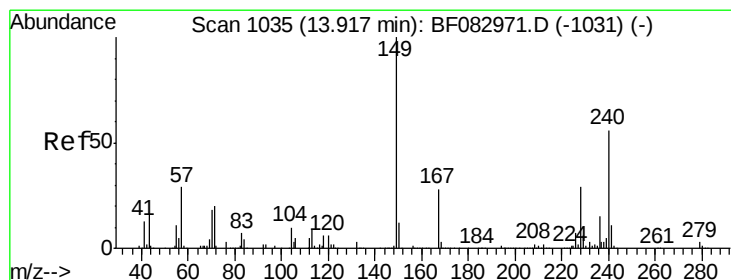
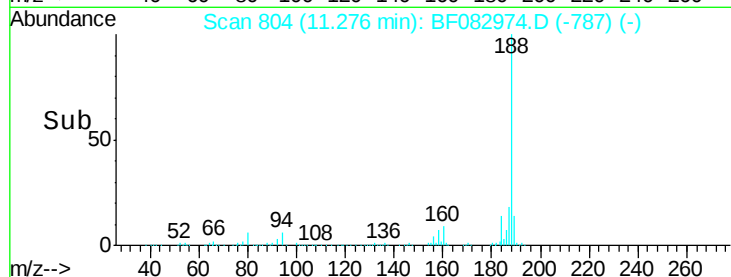
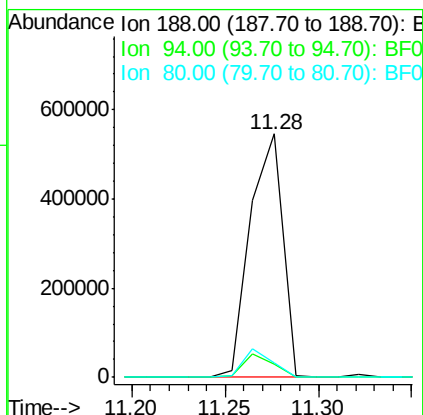
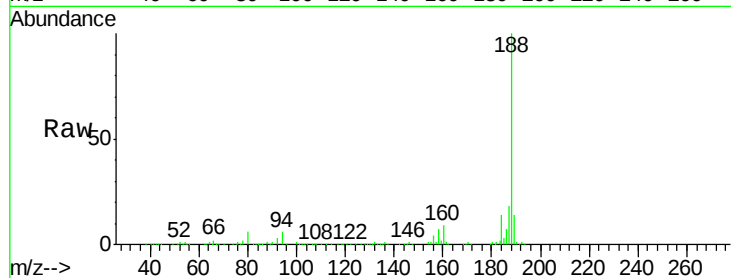




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.28 min Scan# 804
Delta R.T. -0.10 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

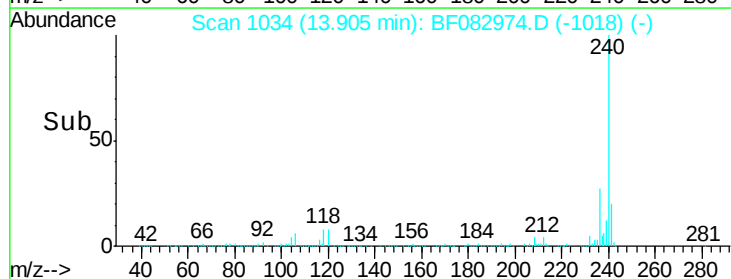
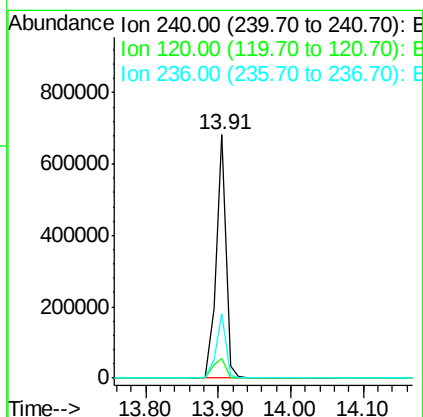
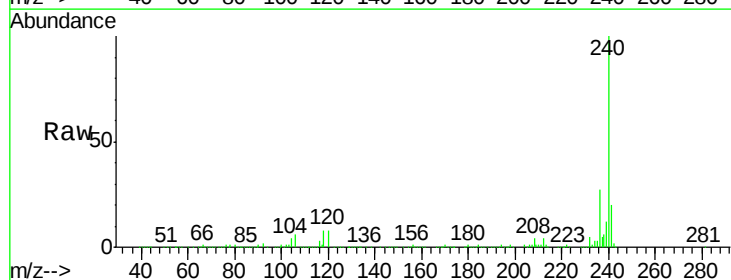
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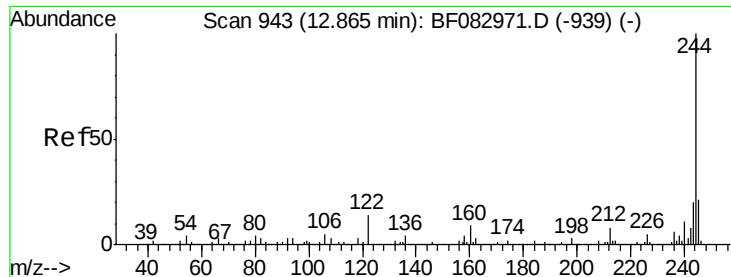
Tgt Ion:188 Resp: 662840
Ion Ratio Lower Upper
188 100
94 5.6 6.1 9.1#
80 6.1 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.11 min
Lab File: BF082974.D
Acq: 17 Nov 2015 19:07

Tgt Ion:240 Resp: 634933
Ion Ratio Lower Upper
240 100
120 8.1 10.9 16.3#
236 26.7 21.6 32.4

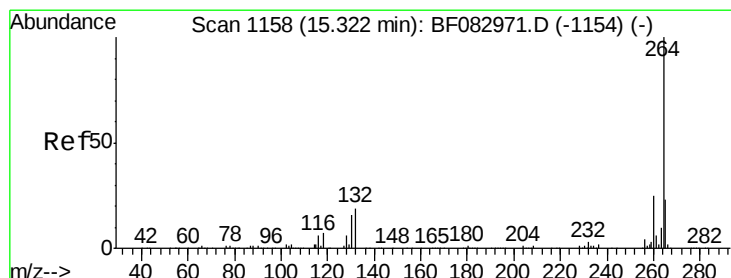
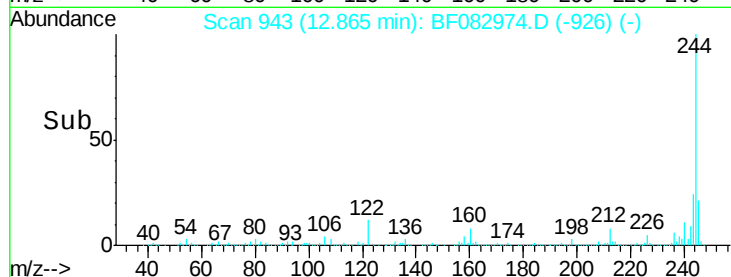
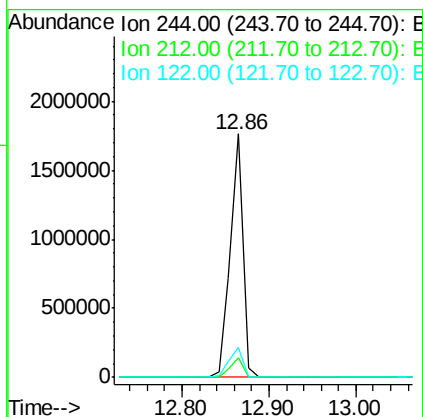
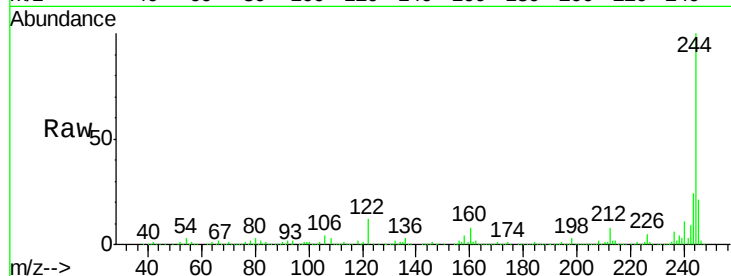




#78
 Terphenyl-d14
 Concen: 66.45 ng
 RT: 12.86 min Scan# 943
 Delta R.T. -0.10 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Instrument :
 BNA_F
 ClientSampleId :
 PB86421BL

Tgt Ion:244 Resp: 1778772
 Ion Ratio Lower Upper
 244 100
 212 8.0 7.6 11.4
 122 12.0 11.3 16.9



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.30 min Scan# 1156
 Delta R.T. -0.16 min
 Lab File: BF082974.D
 Acq: 17 Nov 2015 19:07

Tgt Ion:264 Resp: 467741
 Ion Ratio Lower Upper
 264 100
 260 24.2 19.8 29.6
 265 21.7 17.4 26.0

