

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032116\
 Data File : BF085620.D
 Acq On : 21 Mar 2016 14:16
 Operator : UM/SJ
 Sample : PB89047BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BL

Quant Time: Mar 22 01:22:53 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Mar 18 23:31:39 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	118543	20.00	ng	-0.02
21) Naphthalene-d8	8.13	136	503783	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	220043	20.00	ng	-0.02
63) Phenanthrene-d10	11.36	188	448387	20.00	ng	-0.02
75) Chrysene-d12	13.99	240	324067	20.00	ng	-0.02
86) Perylene-d12	15.42	264	230281	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	834339	118.22	ng	-0.01
7) Phenol-d6	6.48	99	1120234	123.76	ng	-0.01
23) Nitrobenzene-d5	7.41	82	689653	79.46	ng	-0.02
41) 2,4,6-Tribromophenol	10.66	330	251401	116.63	ng	-0.02
44) 2-Fluorobiphenyl	9.20	172	1059157	81.18	ng	-0.02
78) Terphenyl-d14	12.95	244	1159710	86.11	ng	-0.01

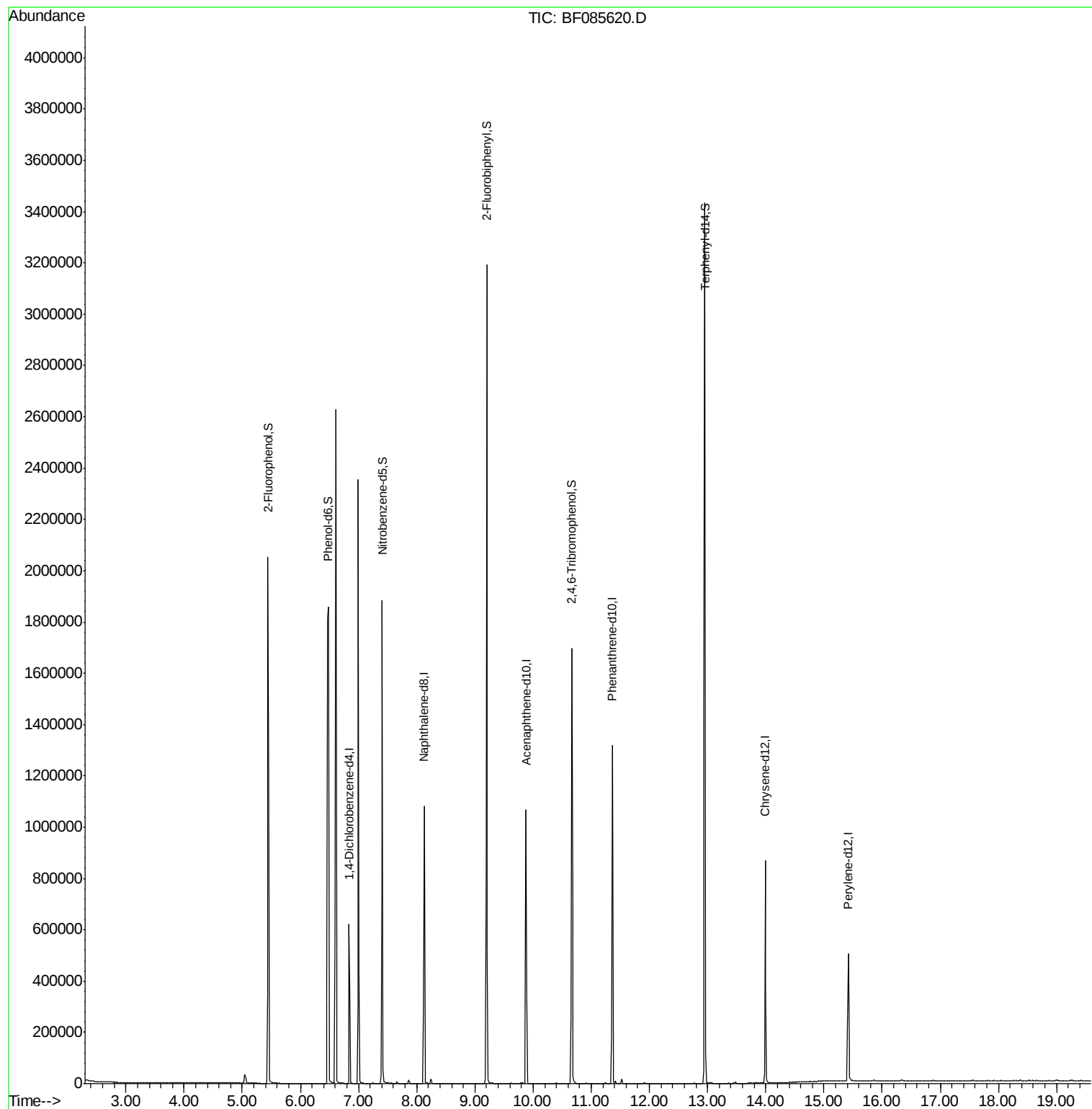
Target Compounds	Qvalue
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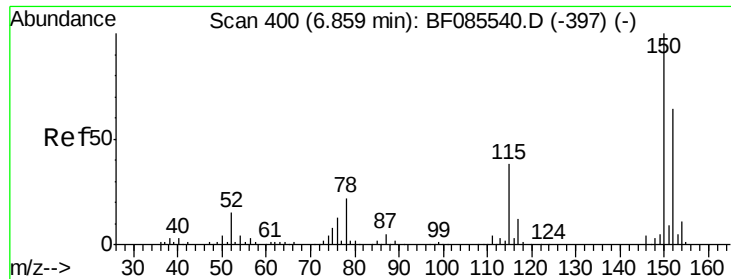
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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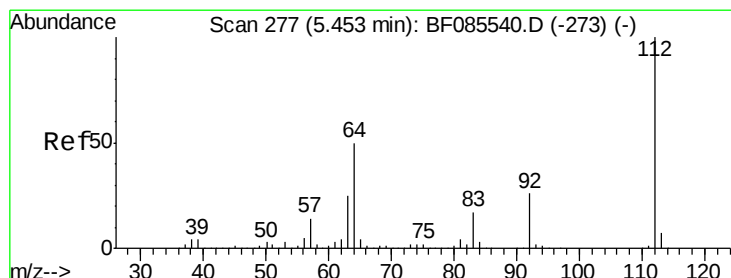
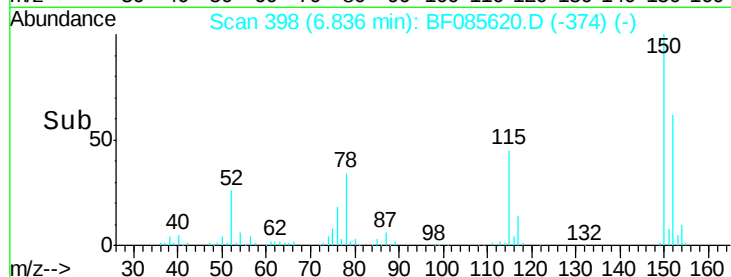
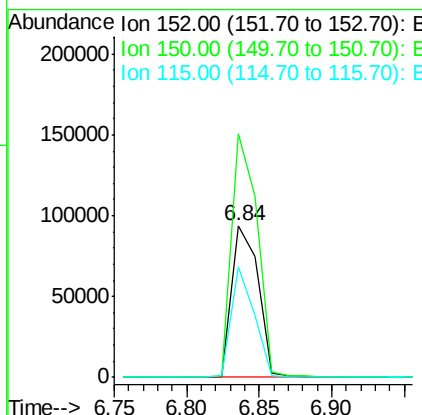
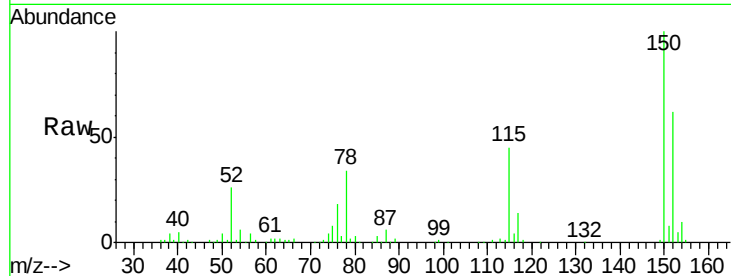




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 398
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

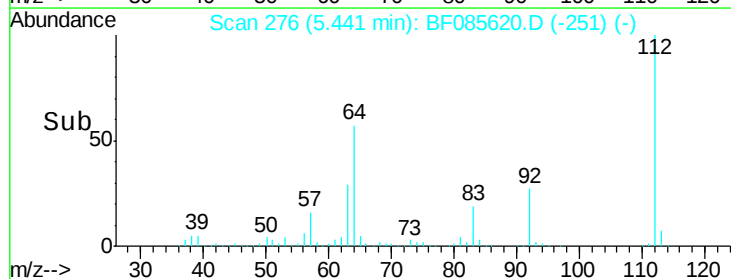
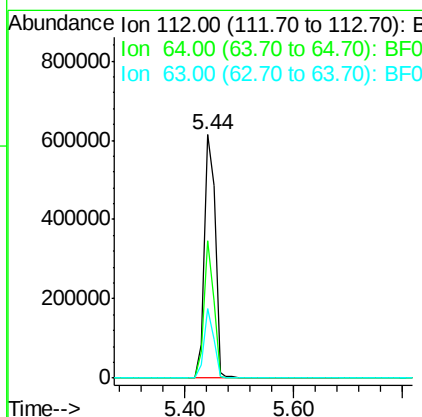
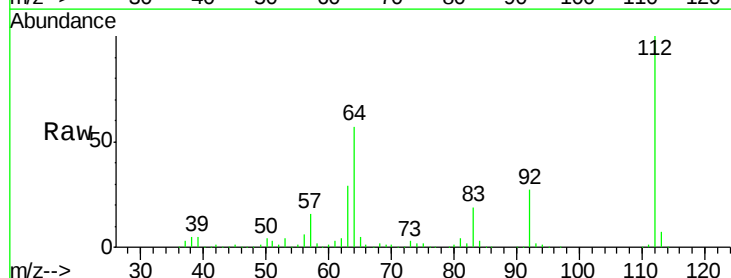
Instrument :
 BNA_F
 ClientSampleId :
 PB89047BL

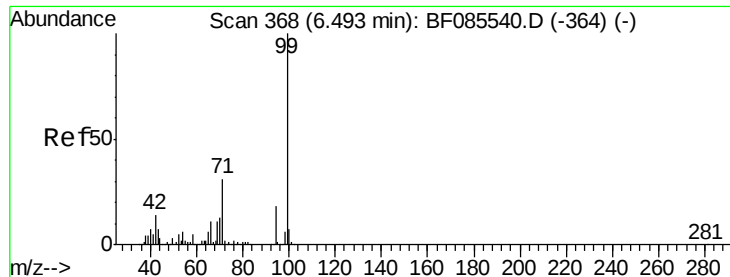
Tgt Ion:152 Resp: 118543
 Ion Ratio Lower Upper
 152 100
 150 160.2 124.2 186.2
 115 72.4 47.0 70.6#



#5
 2-Fluorophenol
 Concen: 118.22 ng
 RT: 5.44 min Scan# 276
 Delta R.T. -0.01 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Tgt Ion:112 Resp: 834339
 Ion Ratio Lower Upper
 112 100
 64 56.6 39.9 59.9
 63 28.6 20.2 30.2





#7

Phenol-d6

Concen: 123.76 ng

RT: 6.48 min Scan# 367

Delta R.T. -0.01 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Instrument :

BNA_F

ClientSampled :

PB89047BL

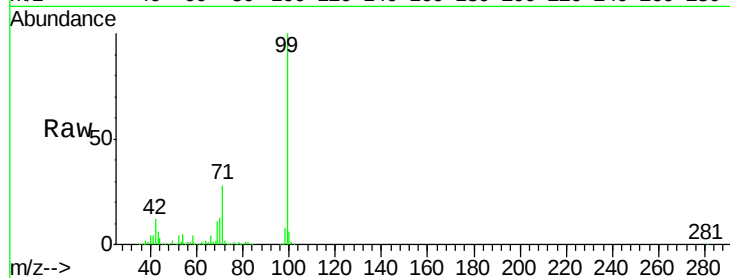
Tgt Ion: 99 Resp: 1120234

Ion Ratio Lower Upper

99 100

42 11.5 11.1 16.7

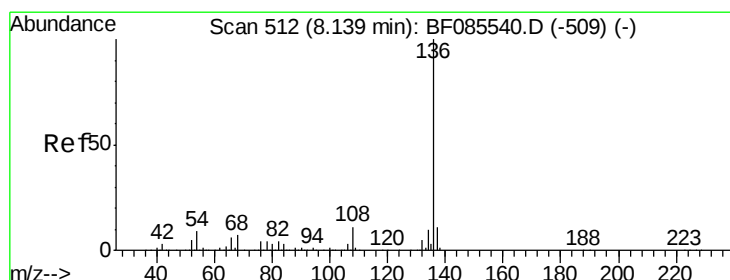
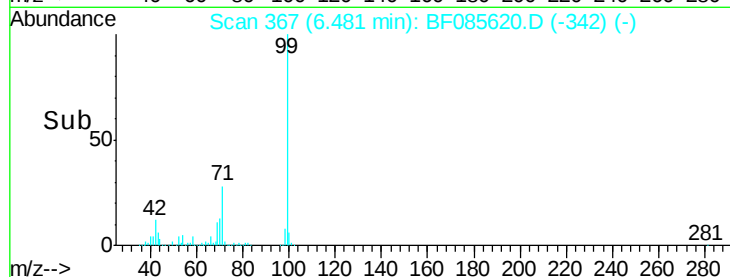
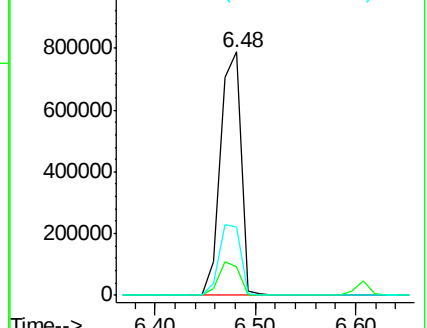
71 28.2 24.9 37.3



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: 8.13 min Scan# 511

Delta R.T. -0.01 min

Lab File: BF085620.D

Acq: 21 Mar 2016 14:16

Tgt Ion: 136 Resp: 503783

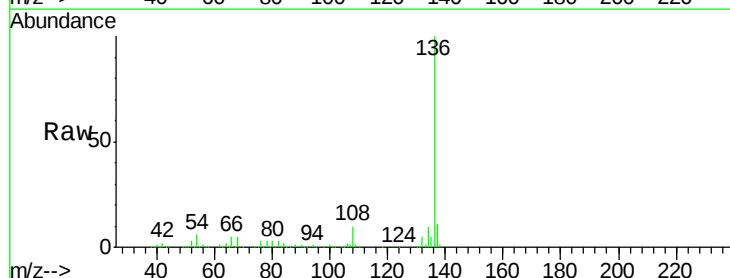
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.3 7.4 11.0#

68 5.2 5.8 8.8#

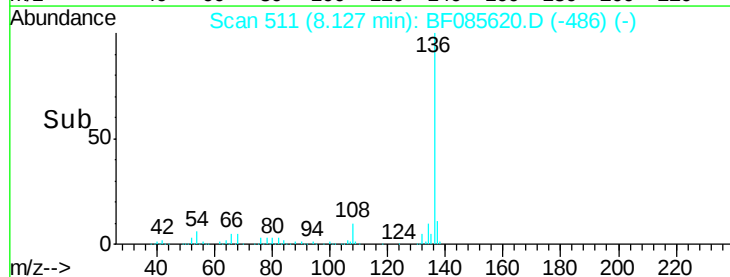
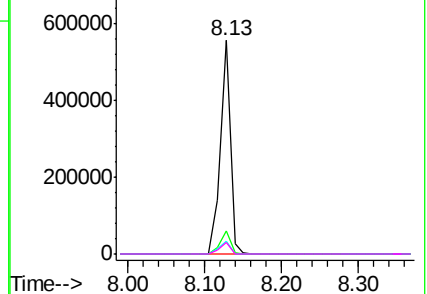


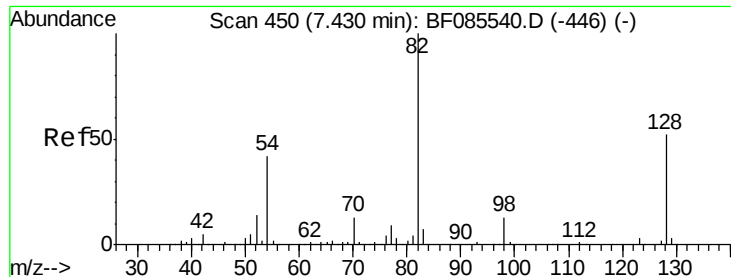
Abundance Ion 136.00 (135.70 to 136.70): E

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

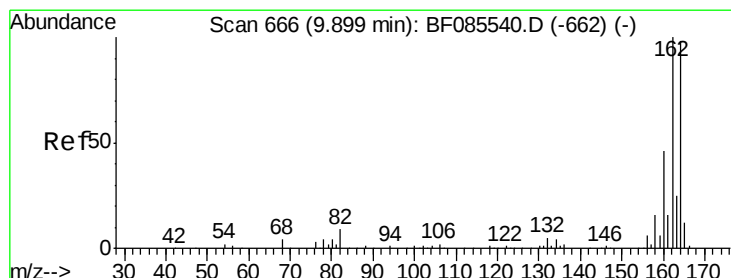
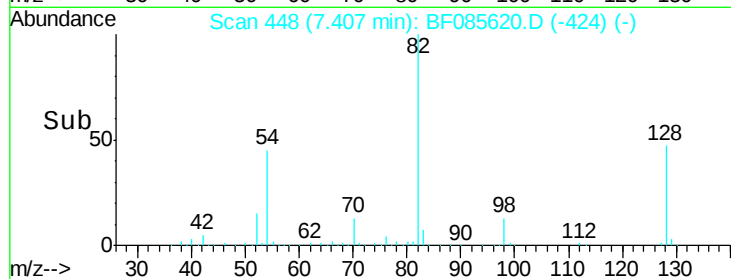
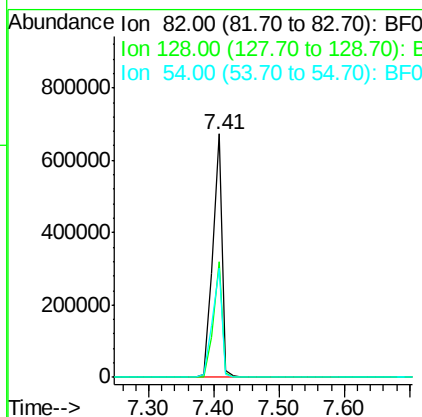
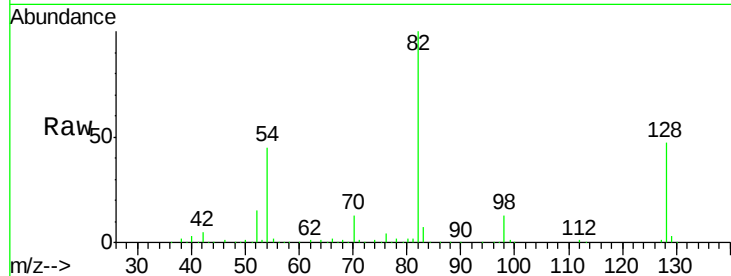




#23
 Nitrobenzene-d5
 Concen: 79.46 ng
 RT: 7.41 min Scan# 448
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

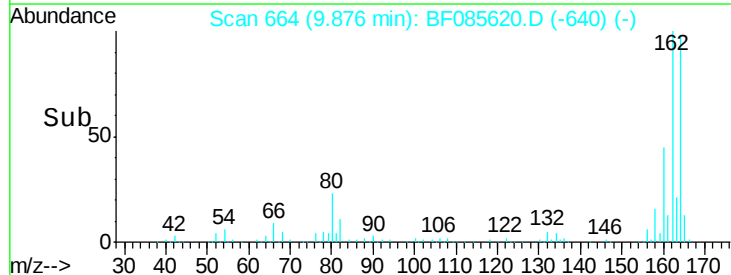
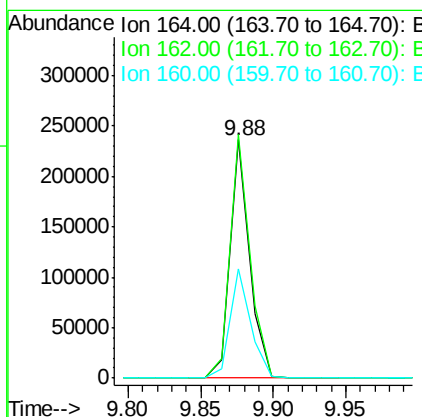
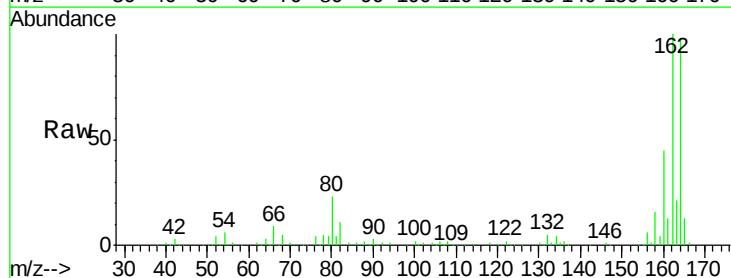
Instrument :
 BNA_F
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 PB89047BL

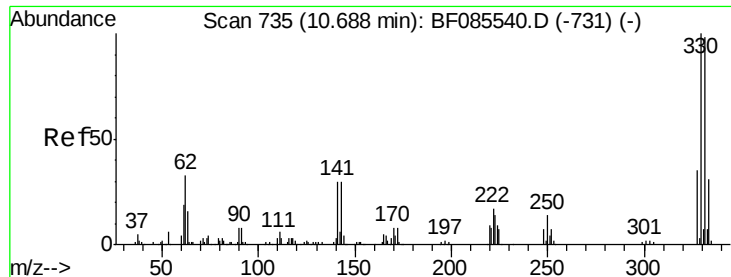
Tgt Ion: 82 Resp: 689653
 Ion Ratio Lower Upper
 82 100
 128 47.3 41.8 62.8
 54 44.7 33.4 50.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 664
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Tgt Ion: 164 Resp: 220043
 Ion Ratio Lower Upper
 164 100
 162 102.1 82.1 123.1
 160 46.0 37.4 56.2

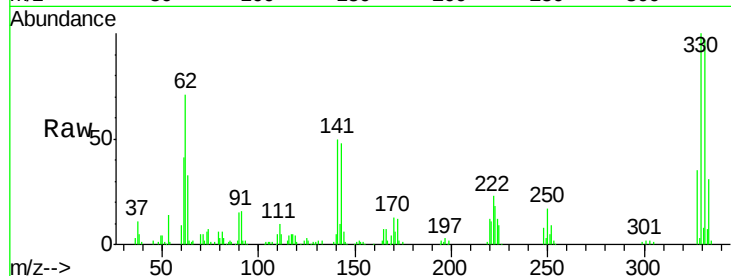




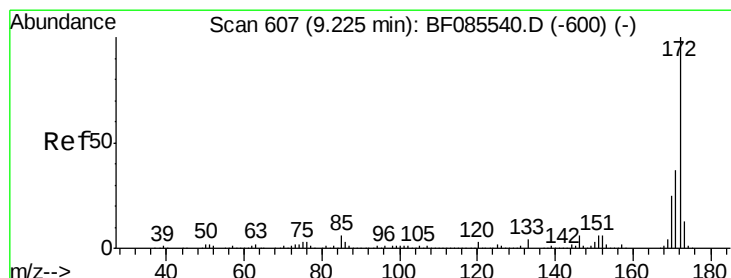
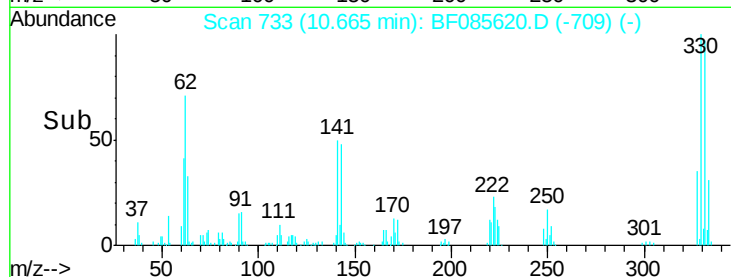
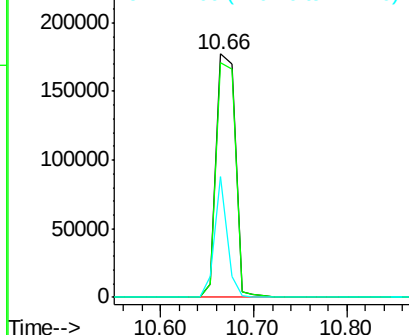
#41
 2,4,6-Tribromophenol
 Concen: 116.63 ng
 RT: 10.66 min Scan# 733
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BL

Tgt Ion:330 Resp: 251401
 Ion Ratio Lower Upper
 330 100
 332 97.2 78.2 117.2
 141 33.6 31.5 47.3

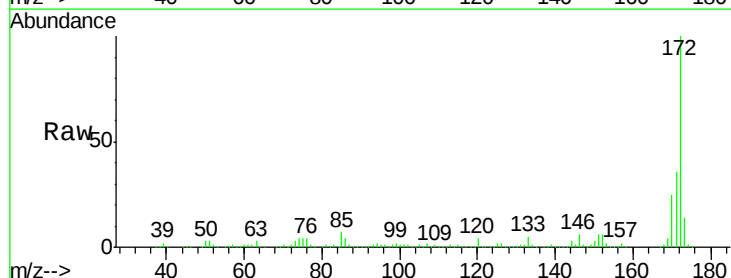


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

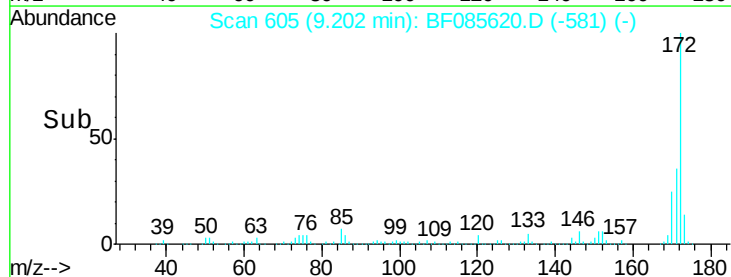
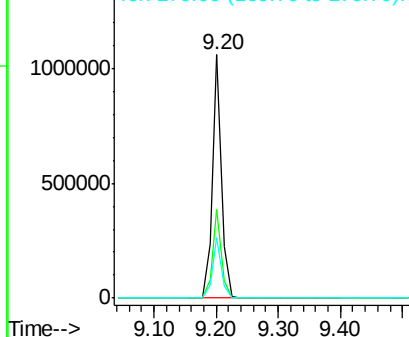


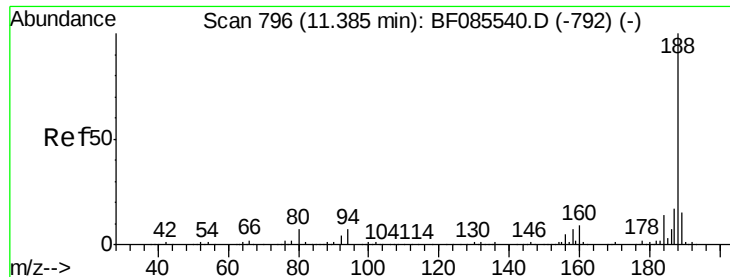
#44
 2-Fluorobiphenyl
 Concen: 81.18 ng
 RT: 9.20 min Scan# 605
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Tgt Ion:172 Resp: 1059157
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.4 44.2
 170 24.6 19.8 29.6



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

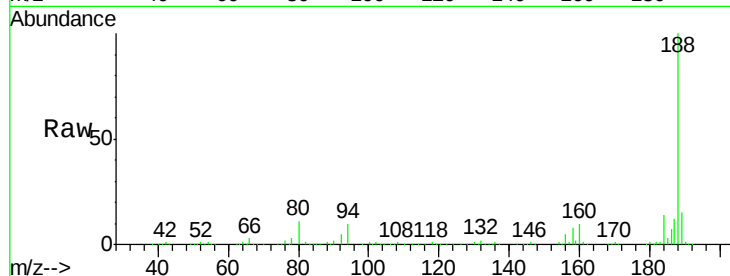




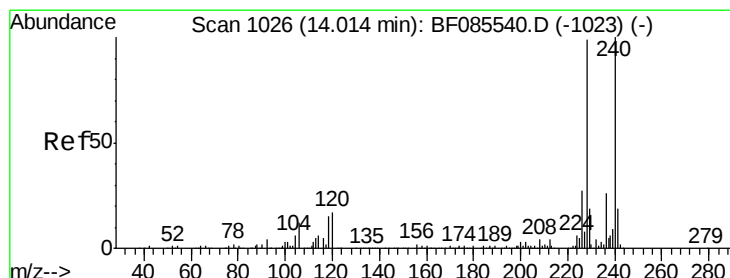
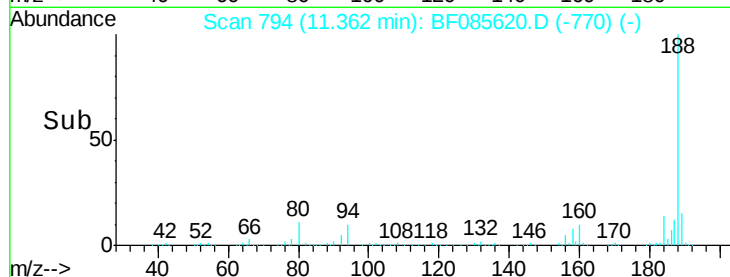
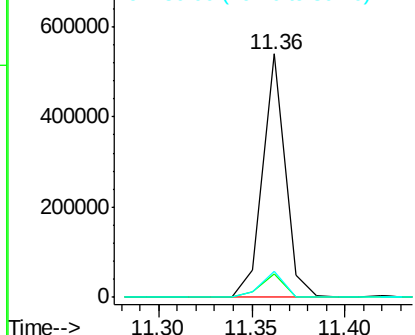
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF085620.D
Acq: 21 Mar 2016 14:16

Instrument :
BNA_F
ClientSampleId :
PB89047BL

Tgt Ion:188 Resp: 448387
Ion Ratio Lower Upper
188 100
94 9.7 5.4 8.0#
80 10.6 5.5 8.3#

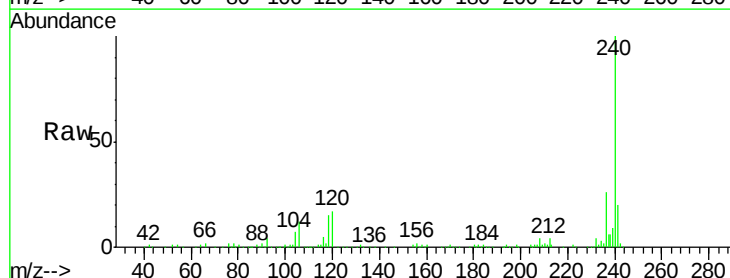


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

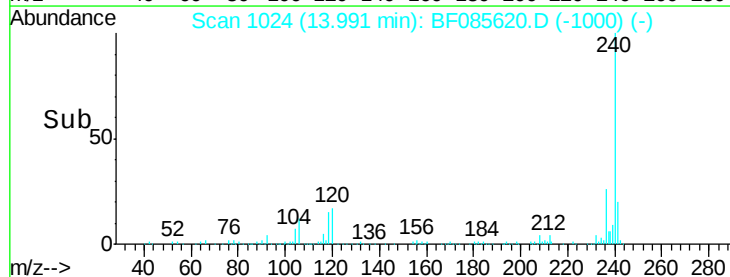
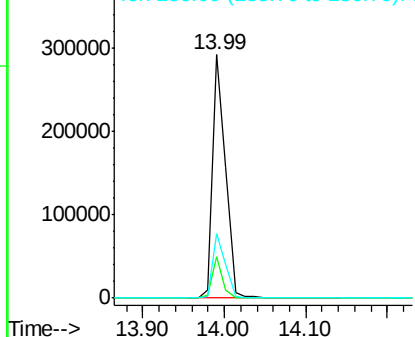


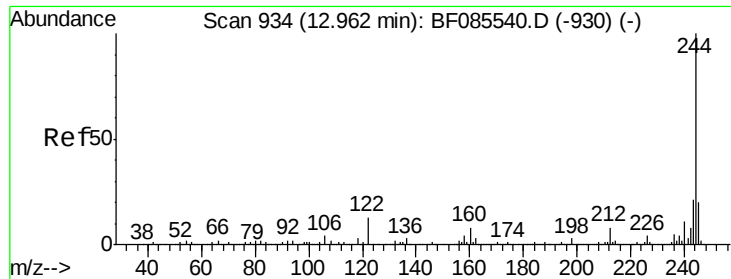
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.99 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BF085620.D
Acq: 21 Mar 2016 14:16

Tgt Ion:240 Resp: 324067
Ion Ratio Lower Upper
240 100
120 17.2 13.8 20.8
236 26.4 20.6 30.8



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

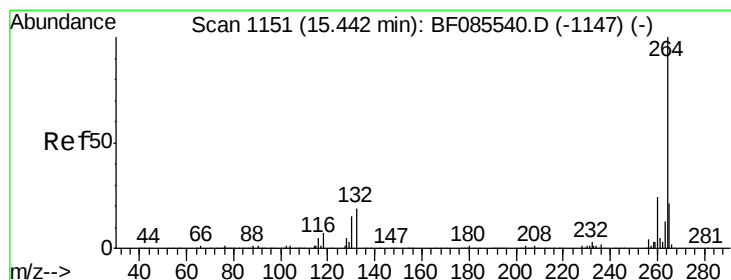
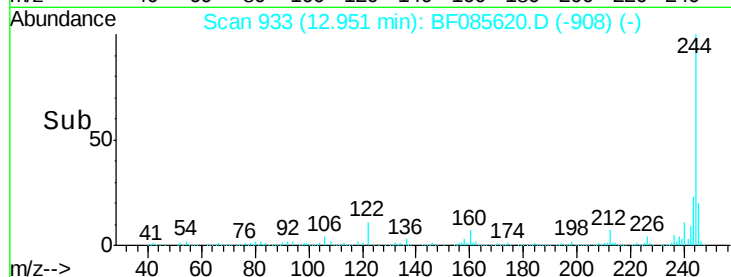
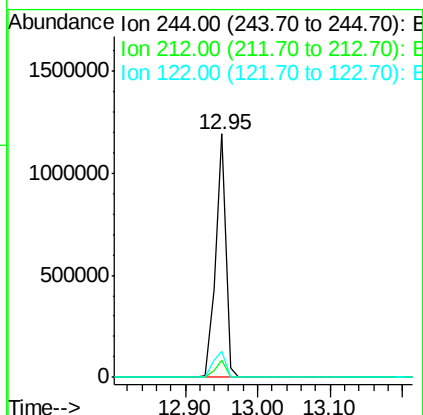
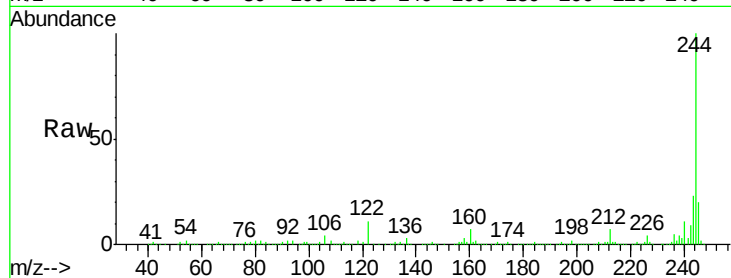




#78
 Terphenyl-d14
 Concen: 86.11 ng
 RT: 12.95 min Scan# 933
 Delta R.T. -0.01 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Instrument :
 BNA_F
 ClientSampleId :
 PB89047BL

Tgt Ion:244 Resp: 1159710
 Ion Ratio Lower Upper
 244 100
 212 7.2 6.1 9.1
 122 10.7 10.2 15.4



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1149
 Delta R.T. -0.02 min
 Lab File: BF085620.D
 Acq: 21 Mar 2016 14:16

Tgt Ion:264 Resp: 230281
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.4 29.2
 265 21.1 17.2 25.8

