

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021216\
 Data File : BF085041.D
 Acq On : 12 Feb 2016 5:07
 Operator : SJ/IZ
 Sample : H1397-05
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP1

Quant Time: Feb 12 05:53:44 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 10 13:28:51 2016
 Response via : Initial Calibration

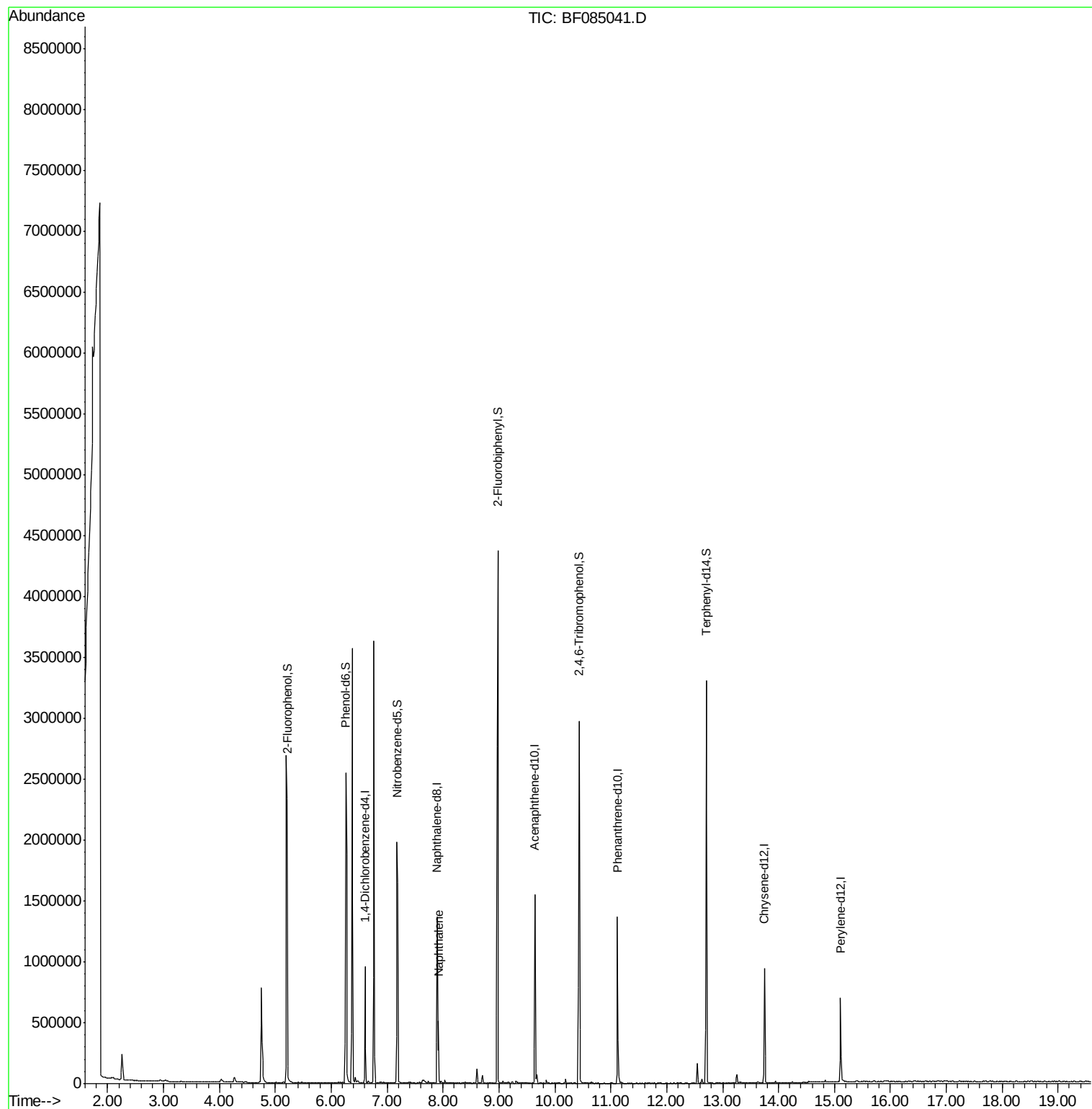
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	140164	20.00	ng	-0.02
21) Naphthalene-d8	7.90	136	616318	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	293720	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	498920	20.00	ng	-0.02
75) Chrysene-d12	13.75	240	325563	20.00	ng	-0.02
86) Perylene-d12	15.11	264	289537	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	1071004	119.02	ng	0.01
7) Phenol-d6	6.26	99	1234785	110.69	ng	-0.02
23) Nitrobenzene-d5	7.18	82	937240	85.67	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	346324	113.04	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1801316	119.36	ng	-0.01
78) Terphenyl-d14	12.71	244	1396338	97.19	ng	-0.02
Target Compounds						
31) Naphthalene	7.92	128	248716	8.05	ng	Qvalue 98

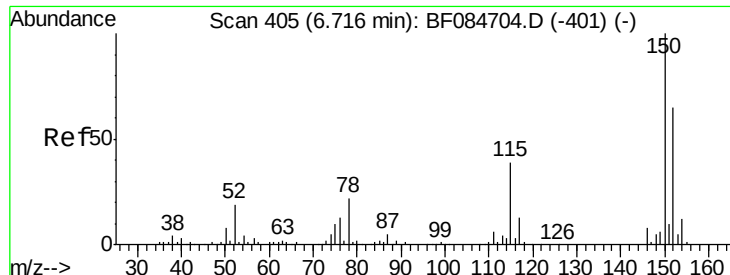
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 439

Delta R.T. -0.02 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

Instrument :

BNA_F

ClientSampleId :

TEC-COMP1

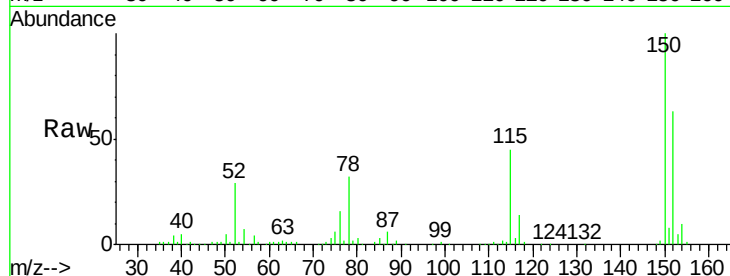
Tgt Ion:152 Resp: 140164

Ion Ratio Lower Upper

152 100

150 158.3 123.0 184.4

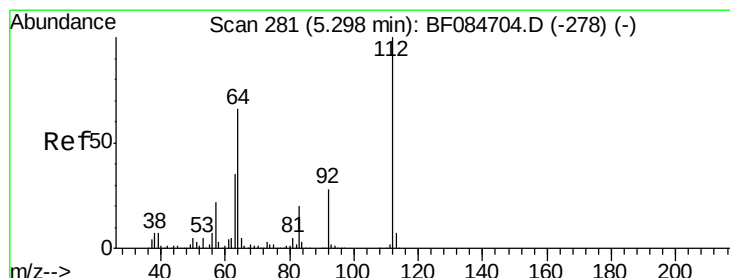
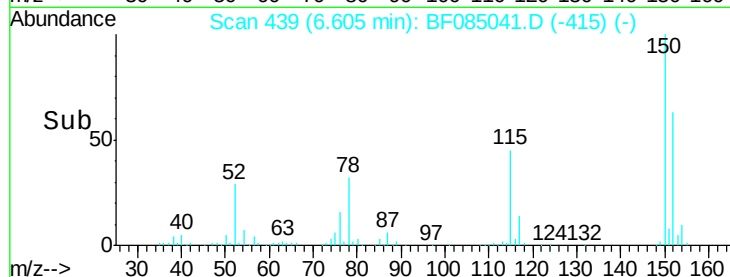
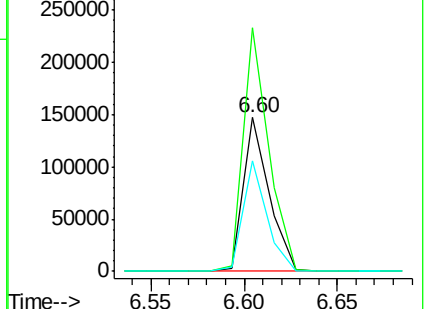
115 71.6 51.4 77.2



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



#5

2-Fluorophenol

Concen: 119.02 ng

RT: 5.21 min Scan# 317

Delta R.T. 0.01 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

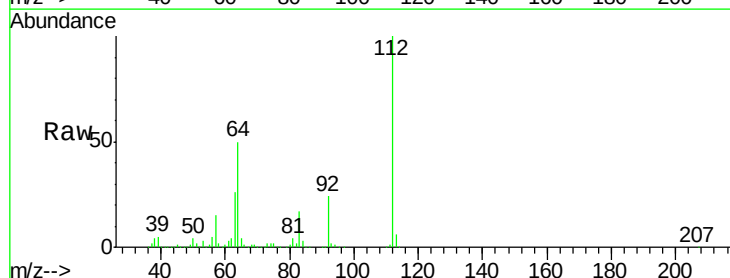
Tgt Ion:112 Resp: 1071004

Ion Ratio Lower Upper

112 100

64 50.1 36.6 55.0

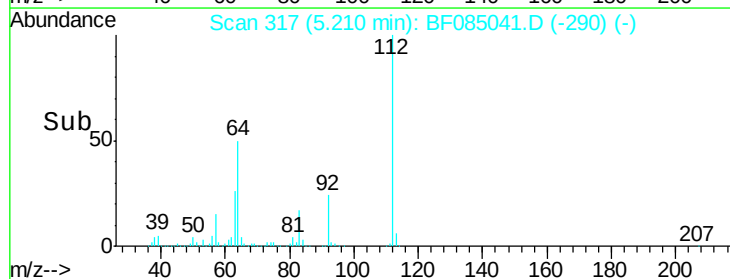
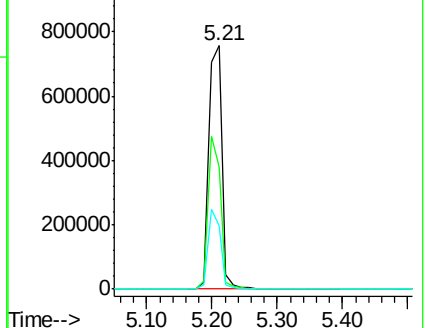
63 25.8 19.4 29.0

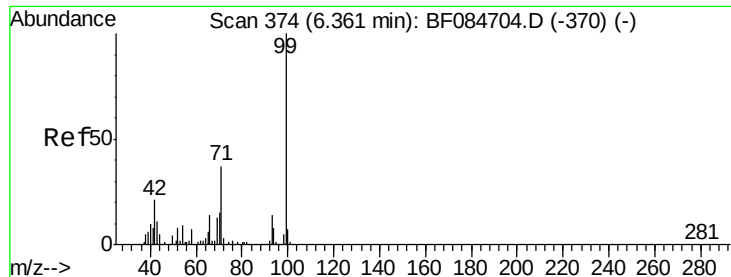


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 110.69 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

Instrument :

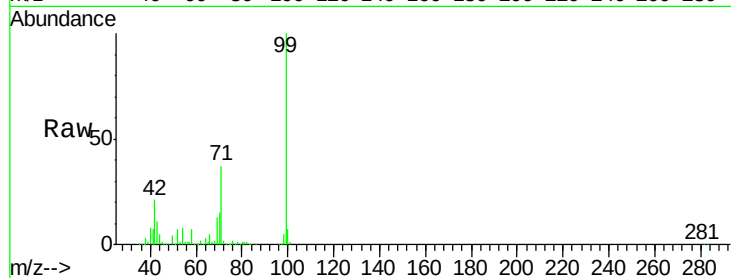
BNA_F

ClientSampleId :

TEC-COMP1

Tgt Ion: 99 Resp: 1234785

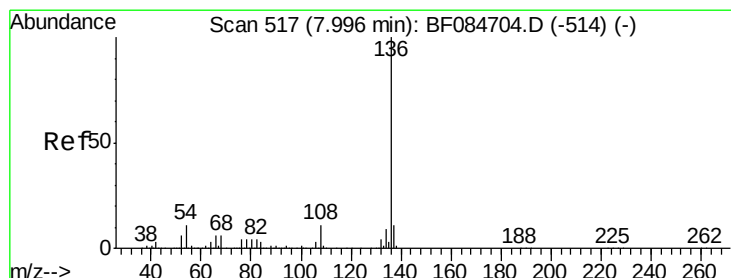
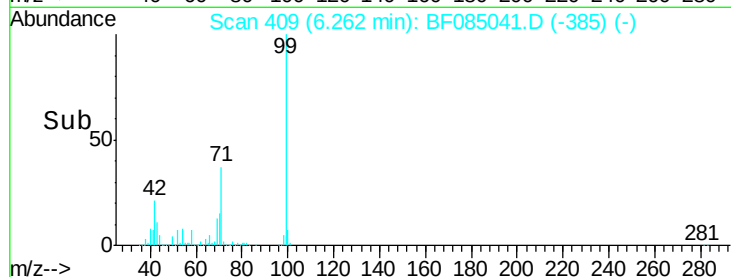
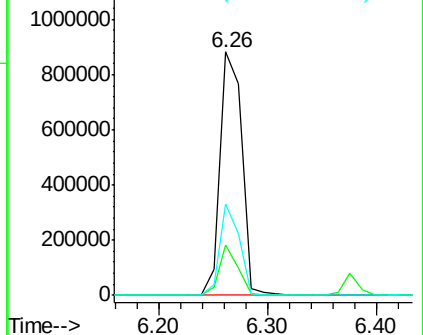
Ion	Ratio	Lower	Upper
99	100		
42	20.7	12.8	19.2#
71	37.4	30.9	46.3



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: 7.90 min Scan# 552

Delta R.T. -0.02 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

Tgt Ion: 136 Resp: 616318

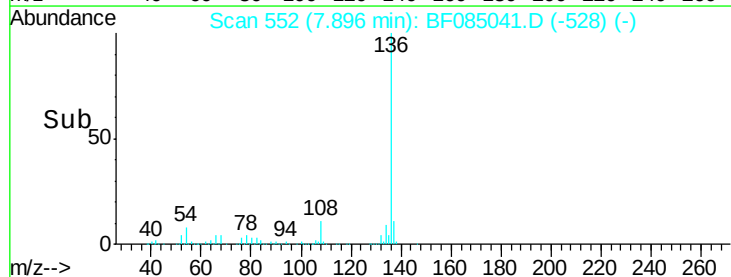
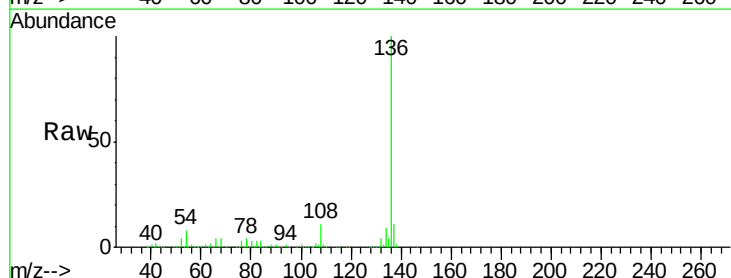
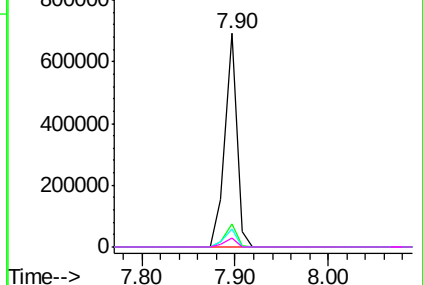
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	8.2	5.8	8.8
68	4.4	4.2	6.2

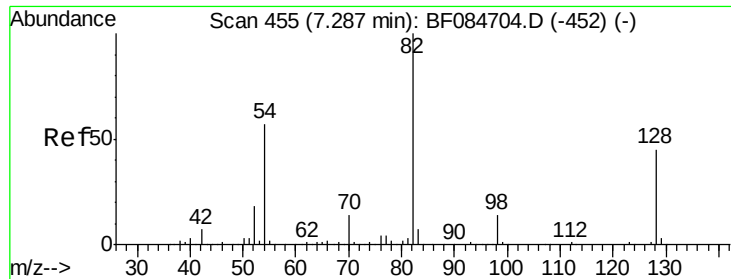
Abundance Ion 136.00 (135.70 to 136.70): E

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

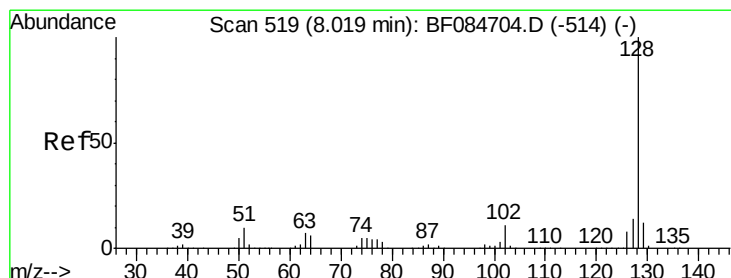
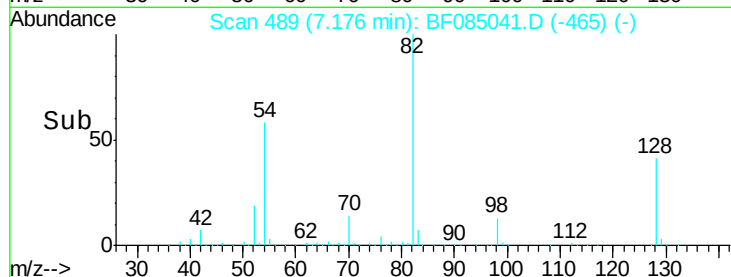
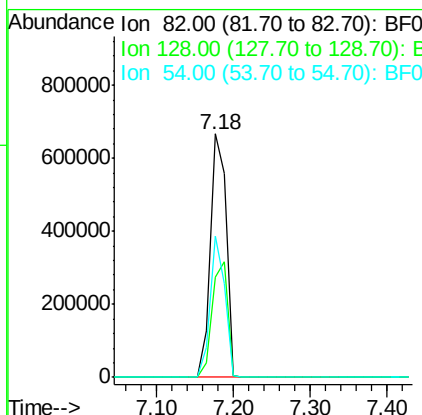
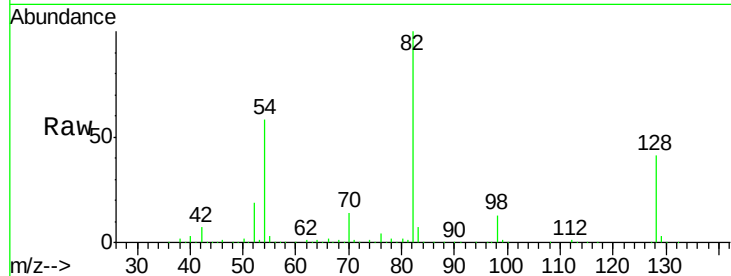




#23
 Nitrobenzene-d5
 Concen: 85.67 ng
 RT: 7.18 min Scan# 489
 Delta R.T. -0.02 min
 Lab File: BF085041.D
 Acq: 12 Feb 2016 5:07

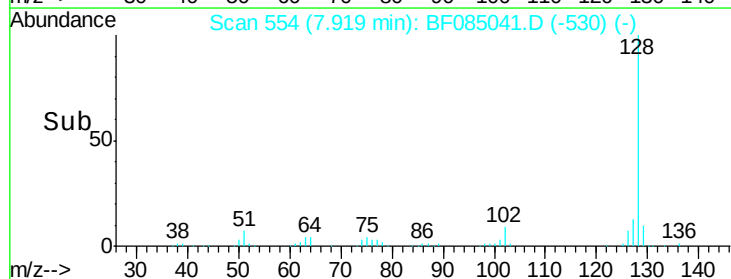
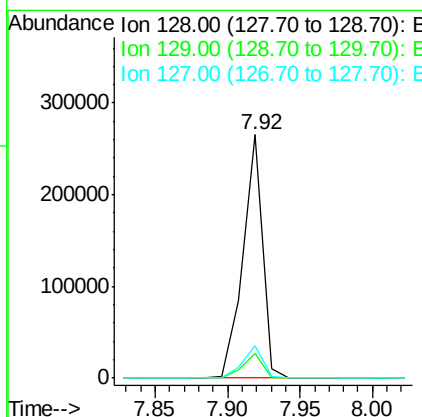
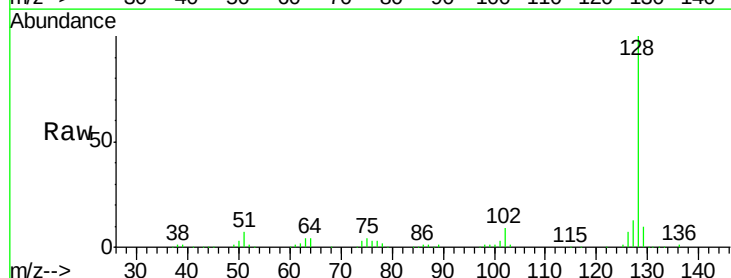
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP1

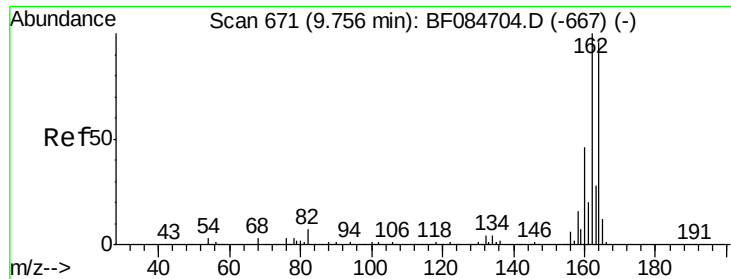
Tgt Ion: 82 Resp: 937240
 Ion Ratio Lower Upper
 82 100
 128 41.3 34.6 51.8
 54 58.2 38.4 57.6#



#31
 Naphthalene
 Concen: 8.05 ng
 RT: 7.92 min Scan# 554
 Delta R.T. -0.02 min
 Lab File: BF085041.D
 Acq: 12 Feb 2016 5:07

Tgt Ion: 128 Resp: 248716
 Ion Ratio Lower Upper
 128 100
 129 10.4 9.1 13.7
 127 13.1 11.1 16.7





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

Instrument :

BNA_F

ClientSampleId :

TEC-COMP1

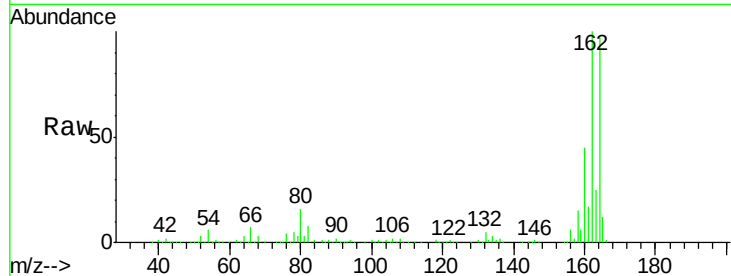
Tgt Ion:164 Resp: 293720

Ion Ratio Lower Upper

164 100

162 103.2 85.1 127.7

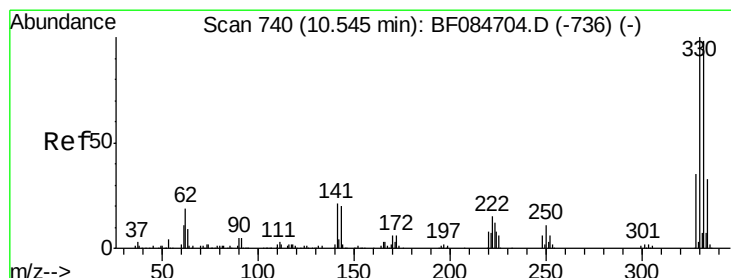
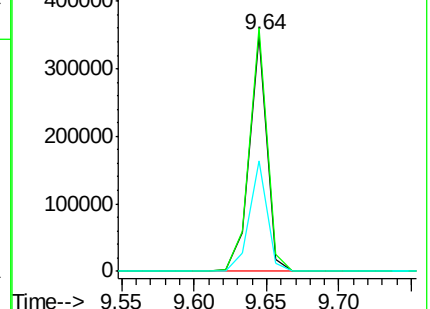
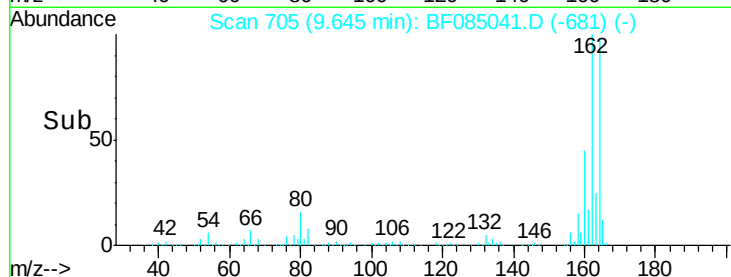
160 46.9 37.5 56.3



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: 113.04 ng

RT: 10.43 min Scan# 774

Delta R.T. -0.02 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

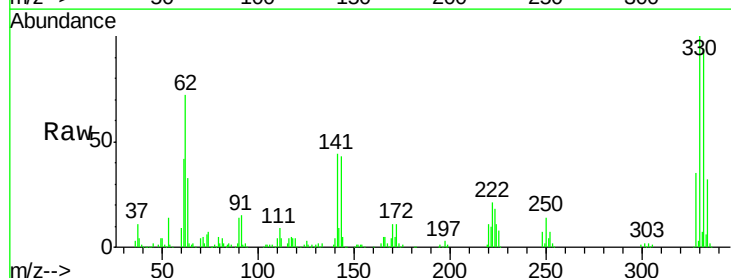
Tgt Ion:330 Resp: 346324

Ion Ratio Lower Upper

330 100

332 95.0 76.6 114.8

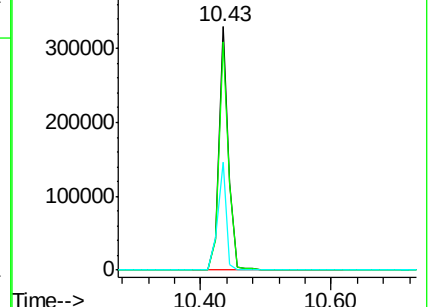
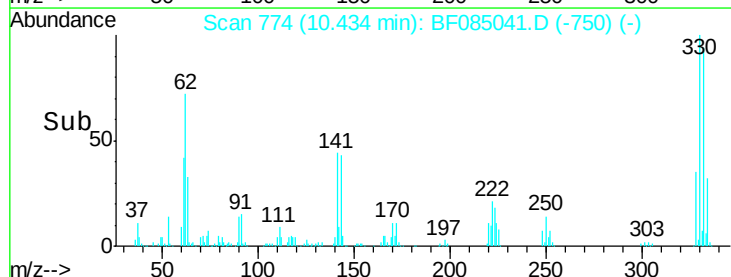
141 39.9 27.8 41.6

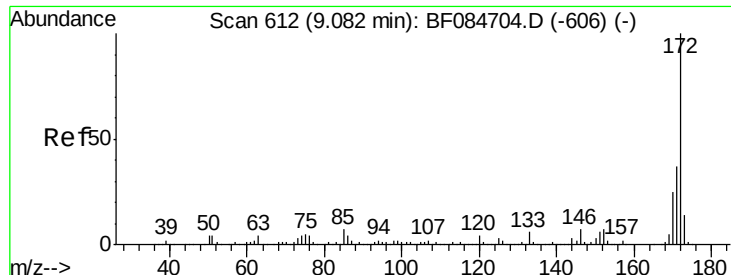


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

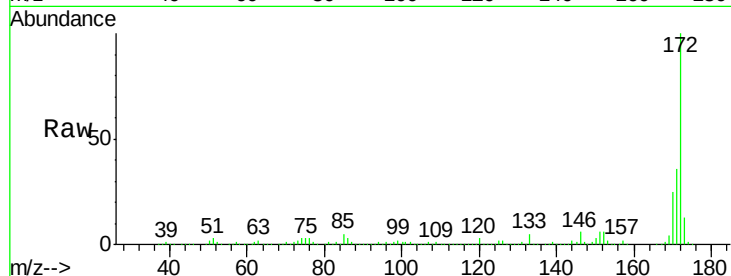




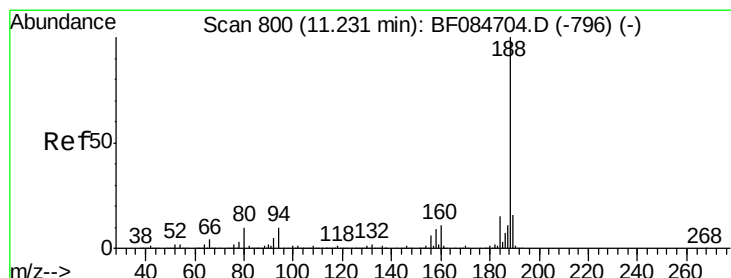
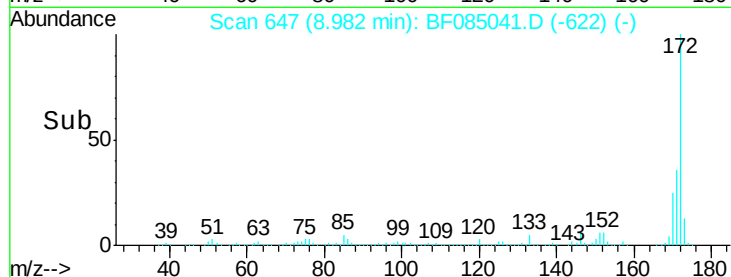
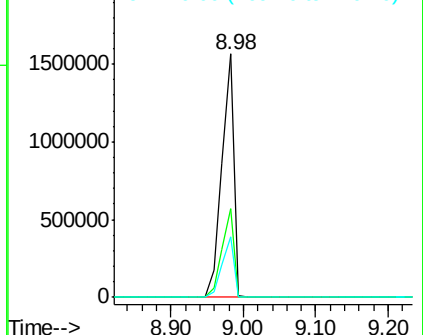
#44
 2-Fluorobiphenyl
 Concen: 119.36 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.01 min
 Lab File: BF085041.D
 Acq: 12 Feb 2016 5:07

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP1

Tgt Ion:172 Resp: 1801316
 Ion Ratio Lower Upper
 172 100
 171 36.5 28.9 43.3
 170 24.8 18.6 27.8

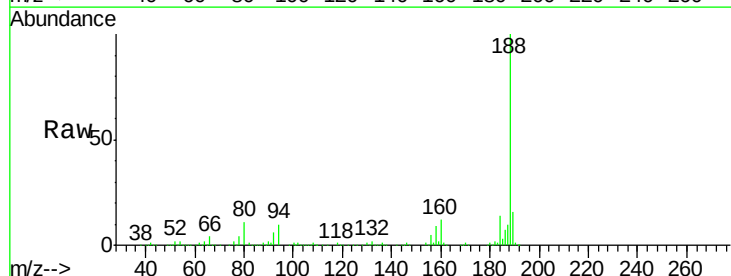


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

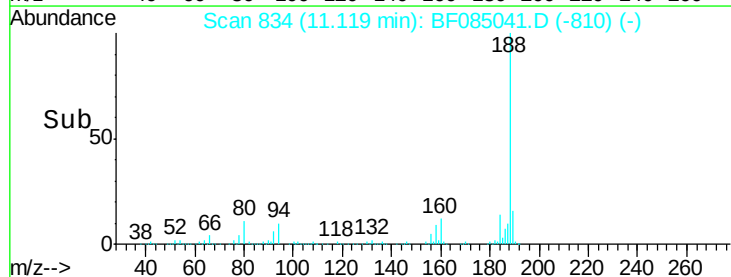
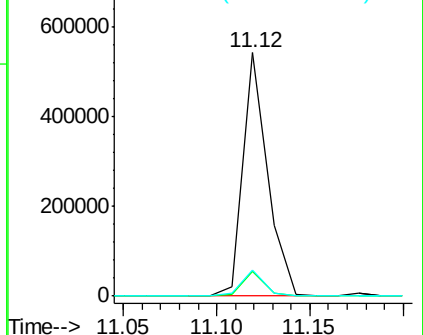


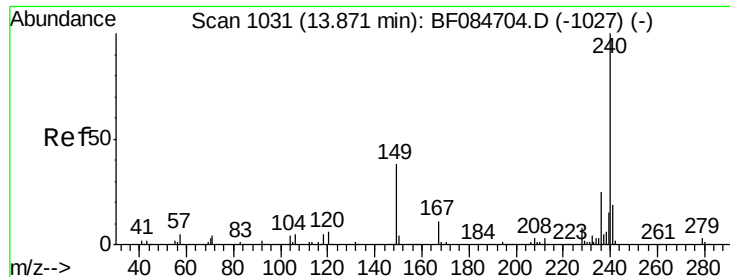
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.12 min Scan# 834
 Delta R.T. -0.02 min
 Lab File: BF085041.D
 Acq: 12 Feb 2016 5:07

Tgt Ion:188 Resp: 498920
 Ion Ratio Lower Upper
 188 100
 94 10.1 9.0 13.4
 80 10.6 9.6 14.4



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: 13.75 min Scan# 1064

Delta R.T. -0.02 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

Instrument :

BNA_F

ClientSampleId :

TEC-COMP1

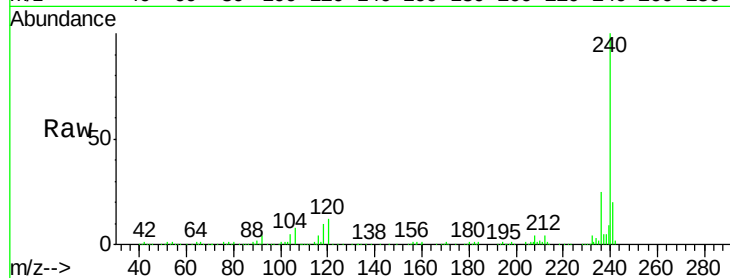
Tgt Ion:240 Resp: 325563

Ion Ratio Lower Upper

240 100

120 11.8 9.5 14.3

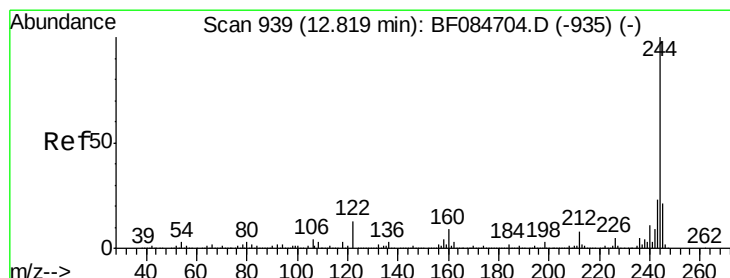
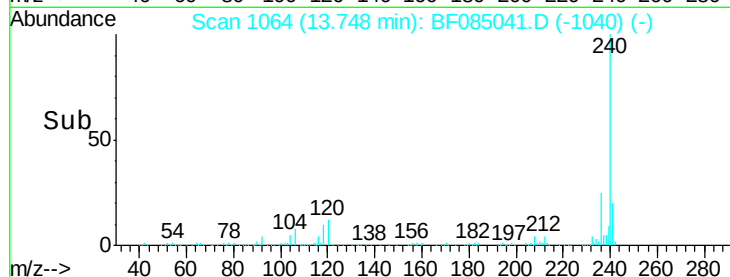
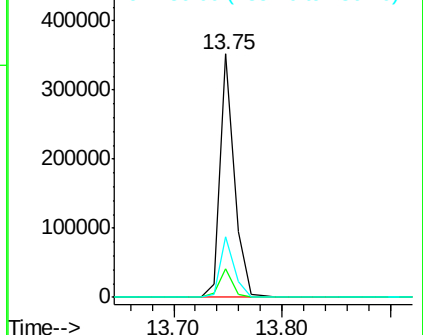
236 25.0 20.6 31.0



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: 97.19 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.02 min

Lab File: BF085041.D

Acq: 12 Feb 2016 5:07

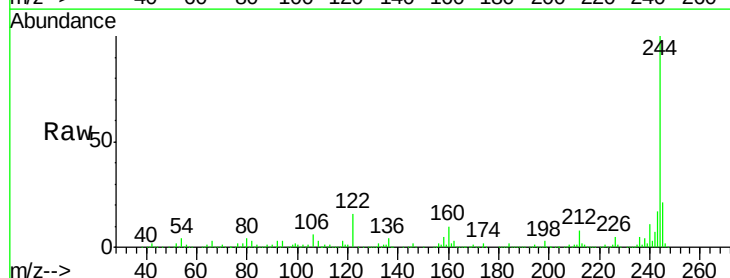
Tgt Ion:244 Resp: 1396338

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

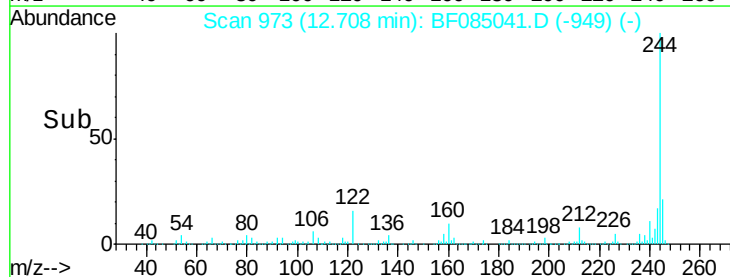
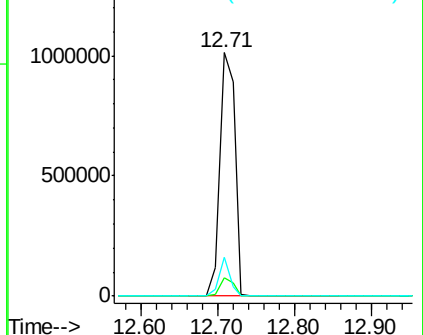
122 15.8 7.4 11.0#

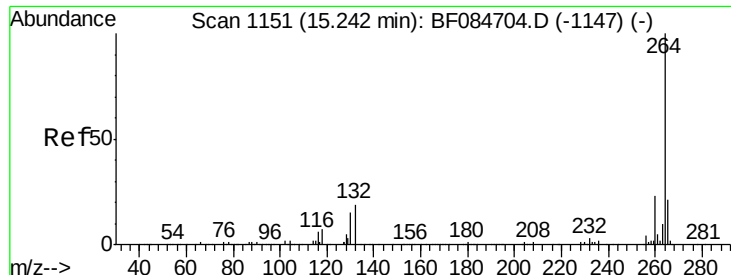


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

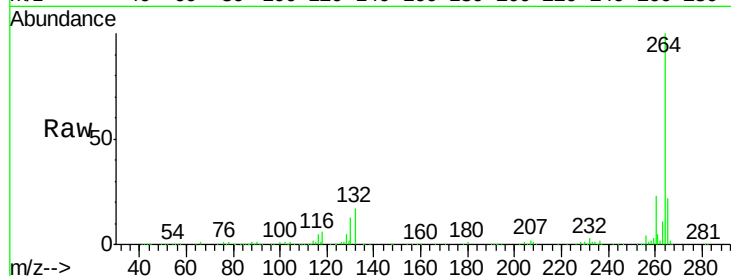




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.11 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF085041.D
Acq: 12 Feb 2016 5:07

Instrument :
BNA_F
ClientSampleId :
TEC-COMP1

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.0	19.4	29.2
265	21.9	17.8	26.6



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

