

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084425.D
 Acq On : 12 Jan 2016 22:43
 Operator : SJ/UM
 Sample : PB87777BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87777BL

Quant Time: Jan 13 01:35:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF123115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 04 12:22:40 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	262171	20.00	ng	-0.06
21) Naphthalene-d8	8.12	136	1002262	20.00	ng	-0.07
38) Acenaphthene-d10	9.88	164	491057	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	908283	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	609596	20.00	ng	-0.07
86) Perylene-d12	15.43	264	467381	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1868009	115.25	ng	-0.03
7) Phenol-d6	6.49	99	2261747	111.10	ng	-0.05
23) Nitrobenzene-d5	7.40	82	1393820	77.40	ng	-0.07
41) 2,4,6-Tribromophenol	10.67	330	507987	102.47	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2384431	85.45	ng	-0.06
78) Terphenyl-d14	12.96	244	2182021	79.90	ng	-0.06

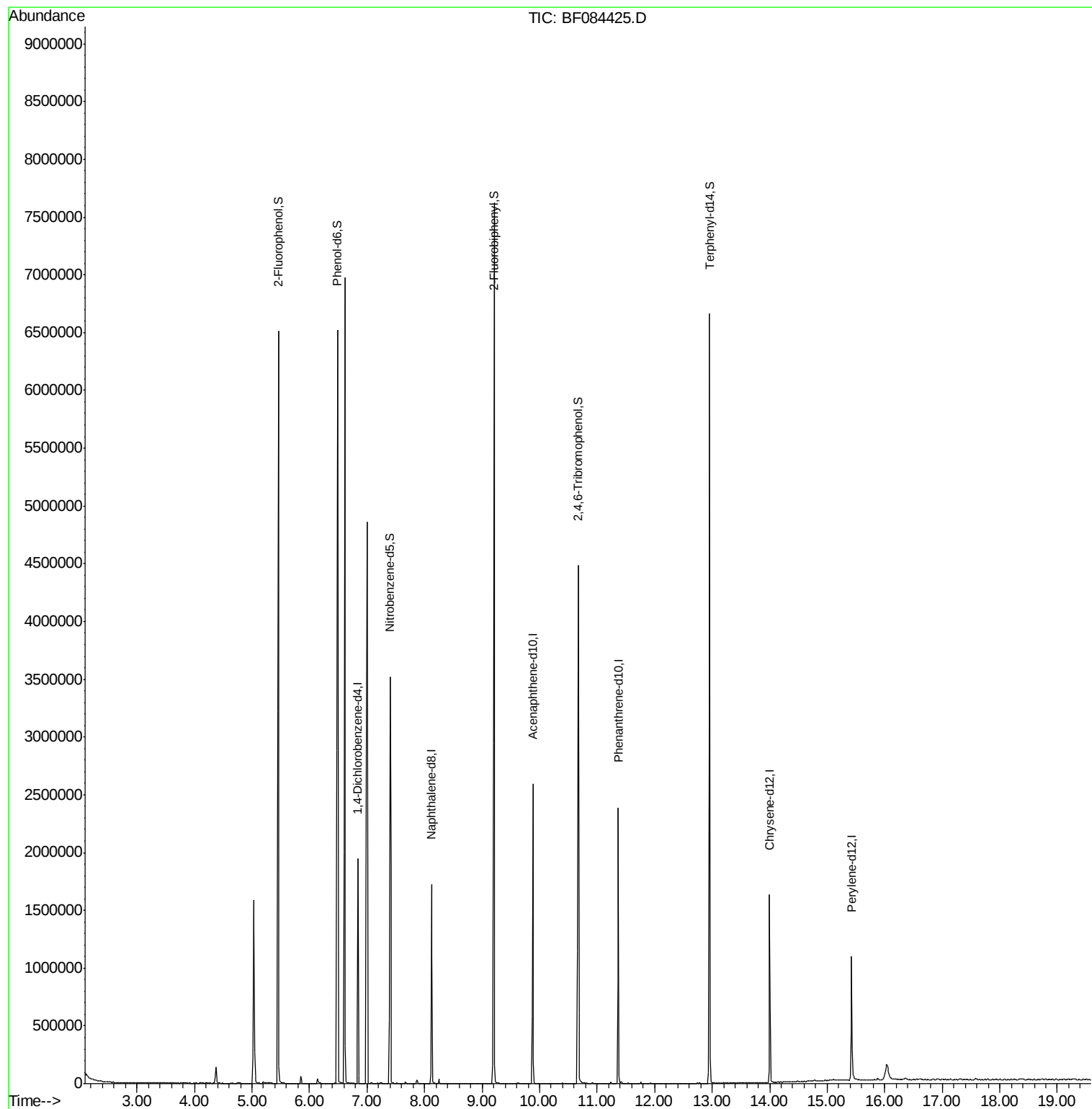
Target Compounds Qvalue

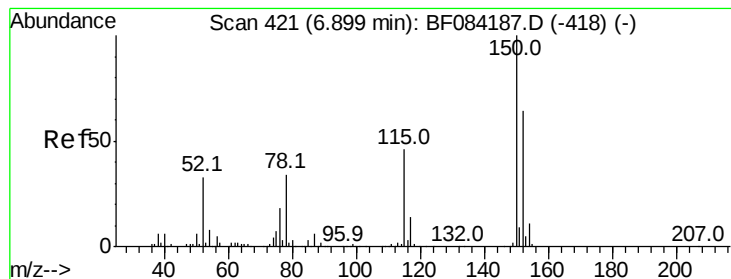
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.06 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

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BNA_F

ClientSampleId :

PB87777BL

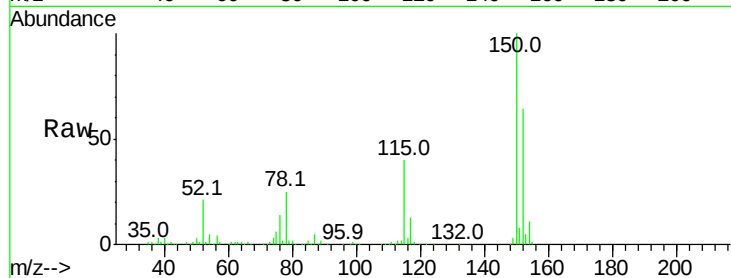
Tot Ion:152 Resp: 262171

Ion Ratio Lower Upper

152 100

150 157.0 123.0 184.4

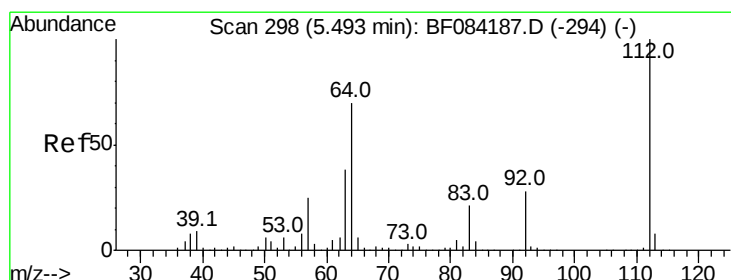
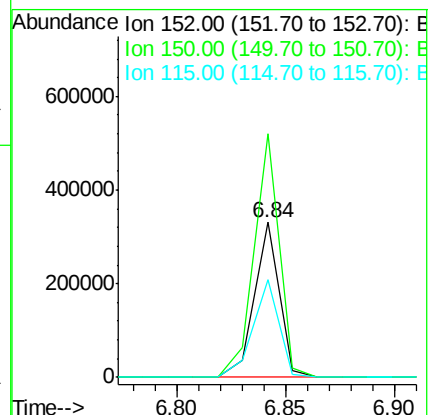
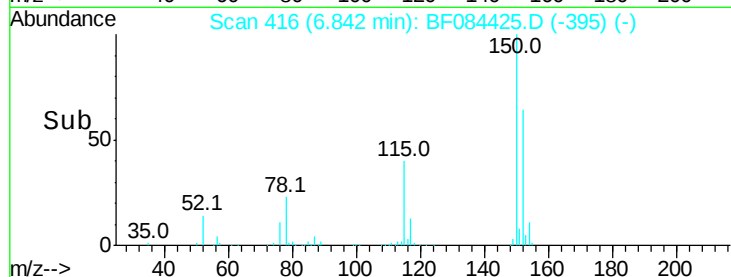
115 62.8 51.4 77.2



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: 115.25 ng

RT: 5.46 min Scan# 295

Delta R.T. -0.03 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

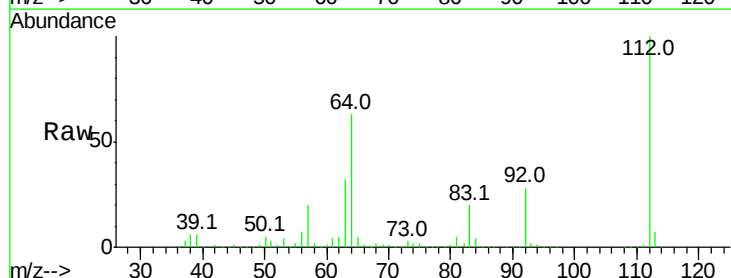
Tgt Ion:112 Resp: 1868009

Ion Ratio Lower Upper

112 100

64 62.5 36.6 55.0#

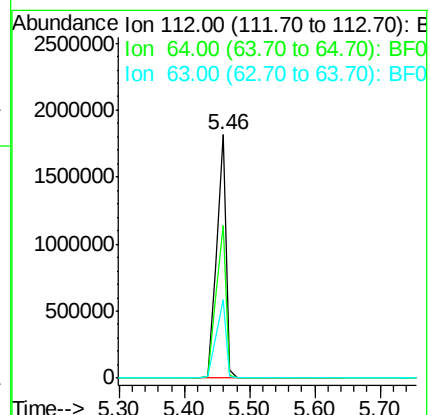
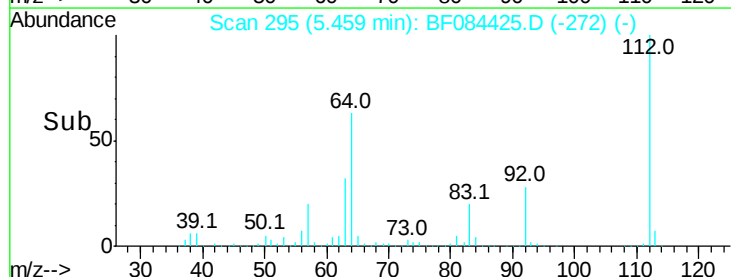
63 32.2 19.4 29.0#

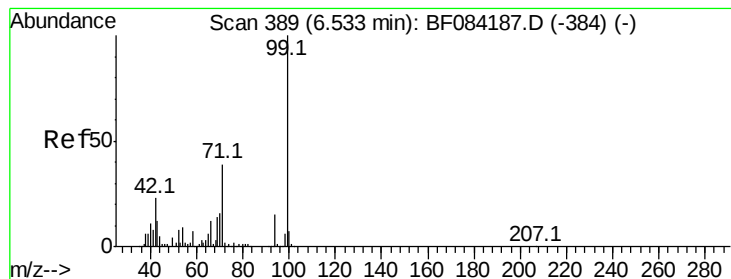


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 111.10 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.05 min

Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Instrument :

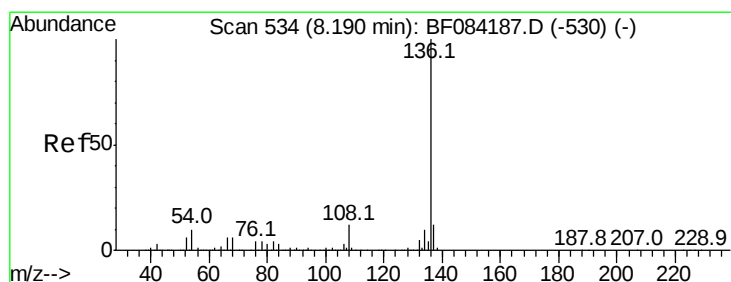
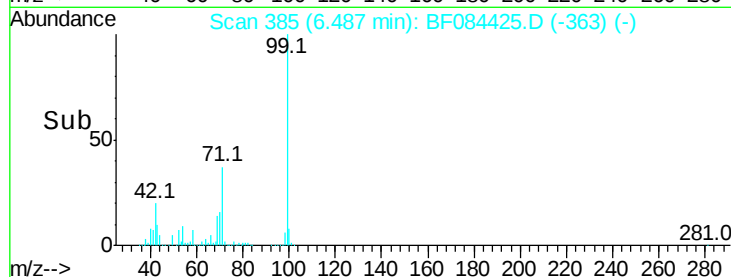
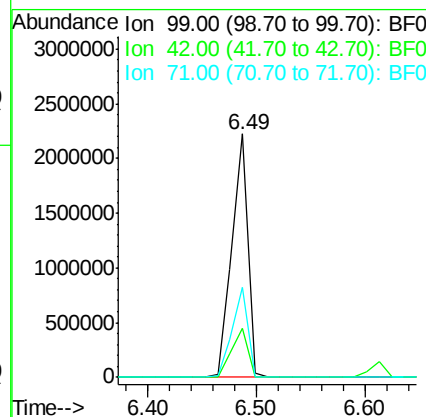
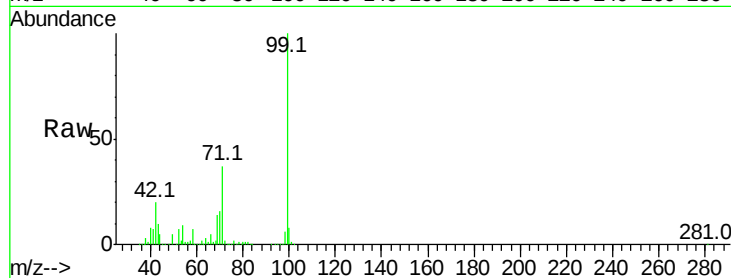
BNA_F

ClientSampleId :

PB87777BL

Tot Ion: 99 Resp: 2261747

Ion	Ratio	Lower	Upper
99	100		
42	20.0	12.8	19.2#
71	36.9	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.12 min Scan# 528

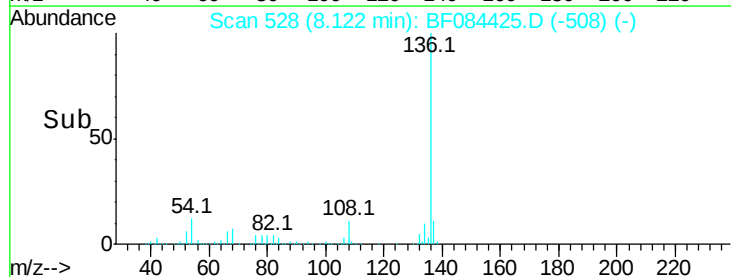
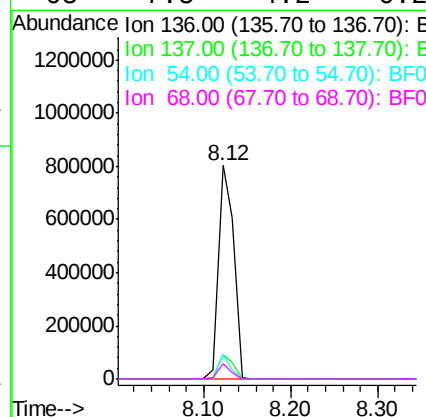
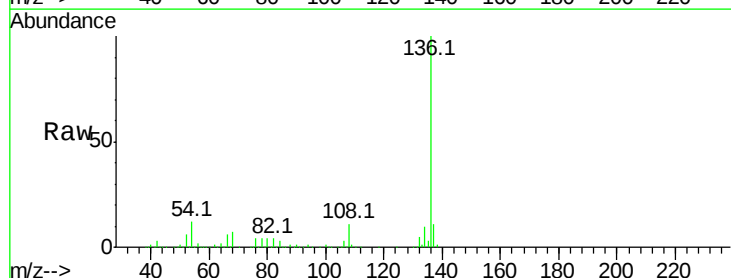
Delta R.T. -0.07 min

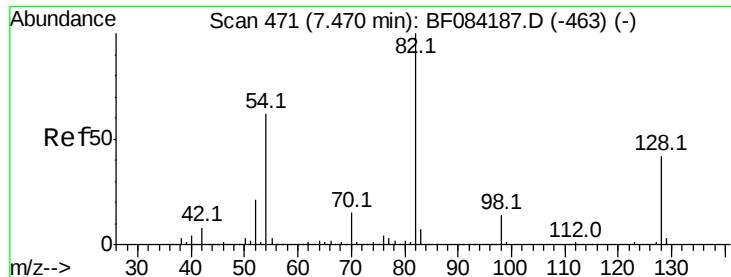
Lab File: BF084425.D

Acq: 12 Jan 2016 22:43

Tgt Ion: 136 Resp: 1002262

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.7	13.1
54	11.7	5.8	8.8#
68	7.5	4.2	6.2#

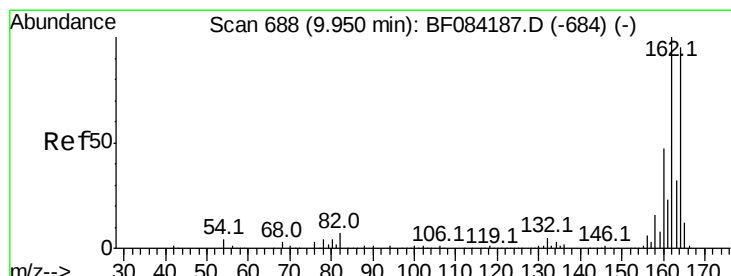
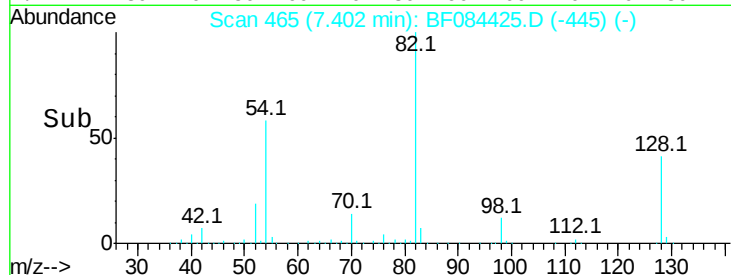
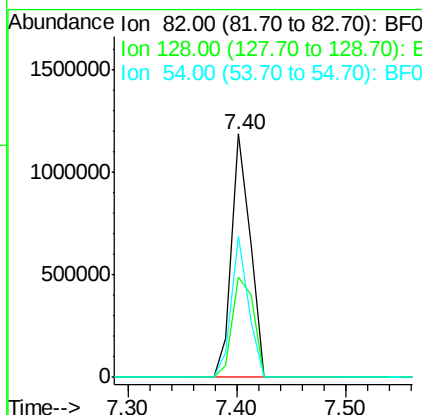
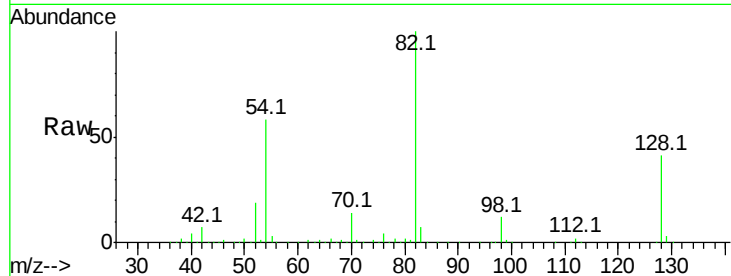




#23
 Nitrobenzene-d5
 Concen: 77.40 ng
 RT: 7.40 min Scan# 465
 Delta R.T. -0.07 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

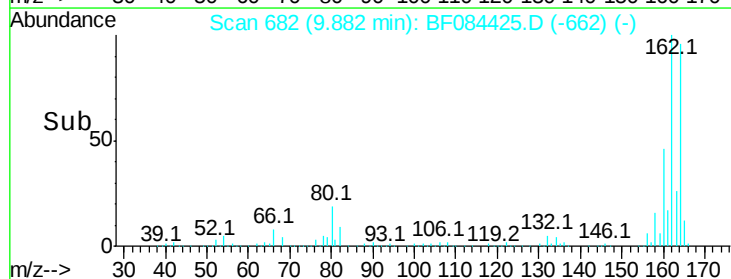
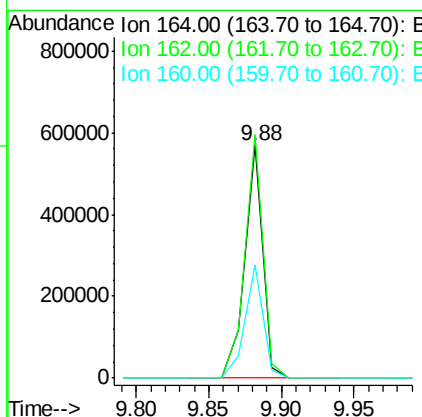
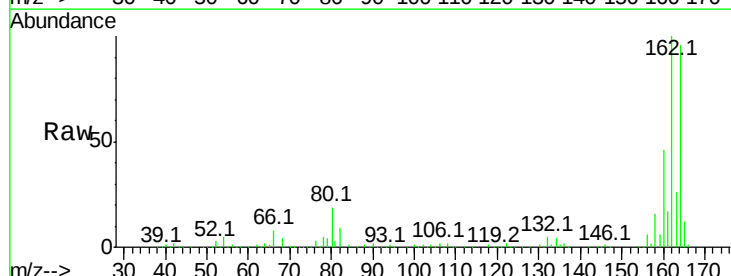
Instrument :
 BNA_F
 ClientSampleId :
 PB87777BL

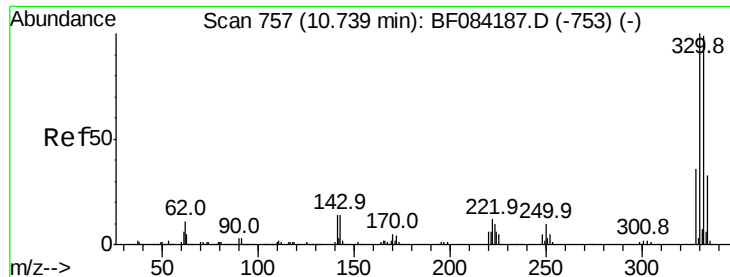
Tot Ion: 82 Resp: 1393820
 Ion Ratio Lower Upper
 82 100
 128 41.4 34.6 51.8
 54 58.0 38.4 57.6#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Tgt Ion:164 Resp: 491057
 Ion Ratio Lower Upper
 164 100
 162 104.6 85.1 127.7
 160 48.5 37.5 56.3

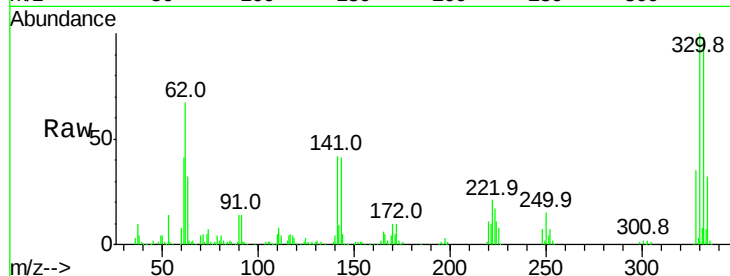




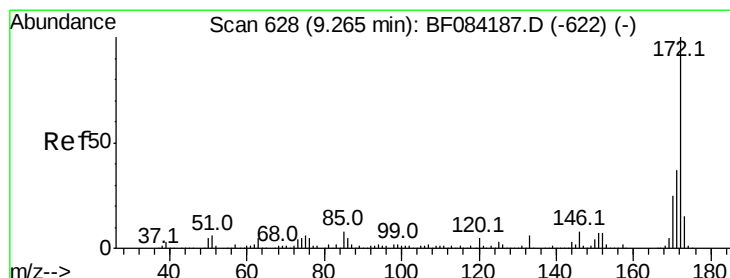
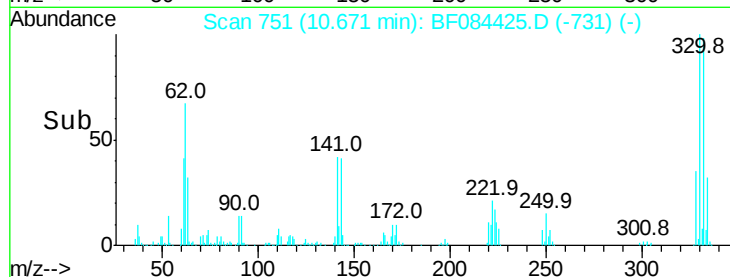
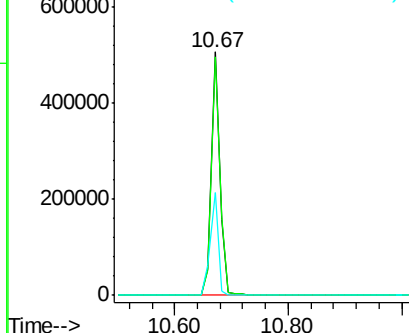
#41
 2,4,6-Tribromophenol
 Concen: 102.47 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87777BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.8	76.6	114.8
141	39.9	27.8	41.6

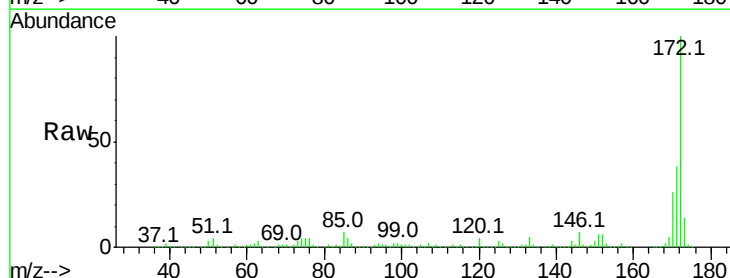


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

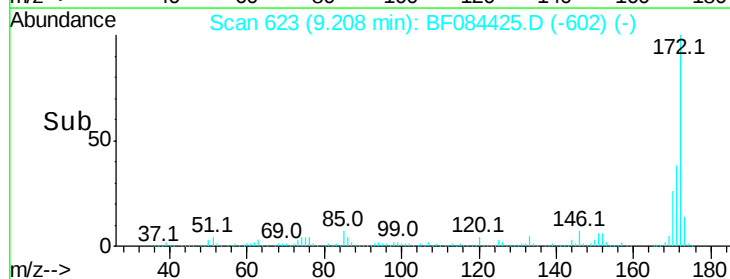
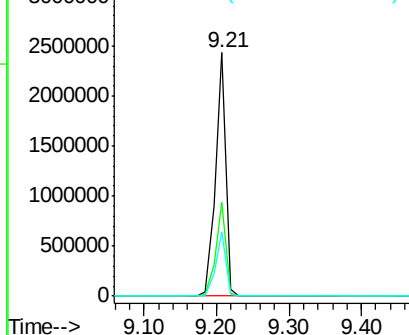


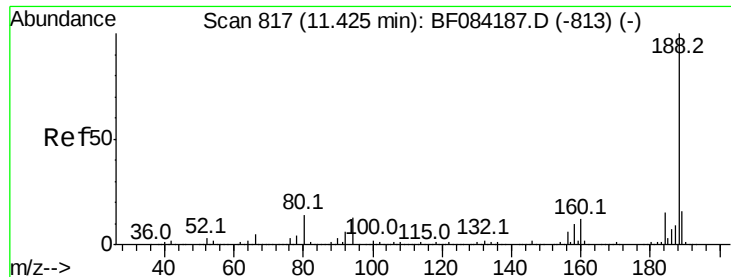
#44
 2-Fluorobiphenyl
 Concen: 85.45 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	28.9	43.3
170	26.4	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

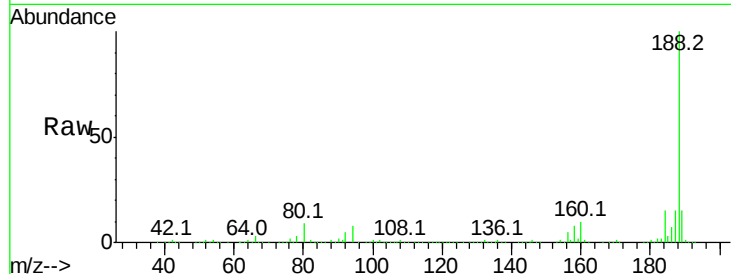




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.06 min
Lab File: BF084425.D
Acq: 12 Jan 2016 22:43

Instrument :
BNA_F
ClientSampled :
PB87777BL

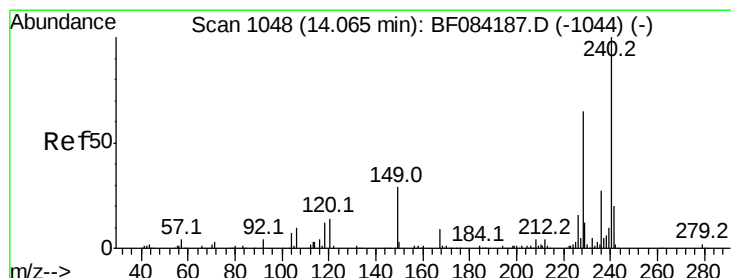
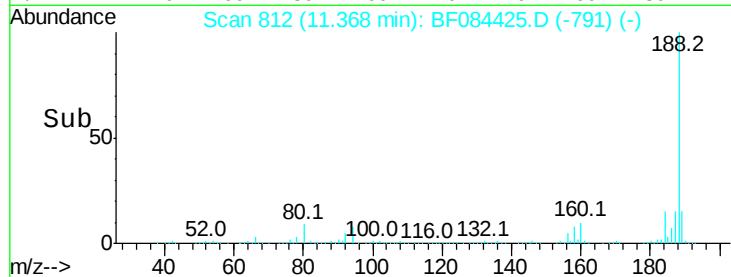
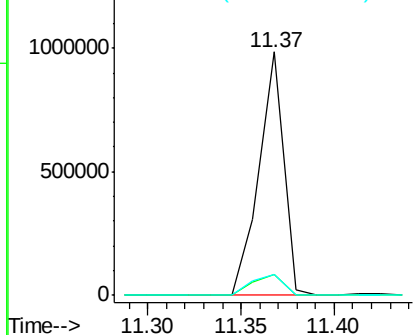
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.4	9.0	13.4#
80	8.8	9.6	14.4#



Abundance Ion 188.00 (187.70 to 188.70): E

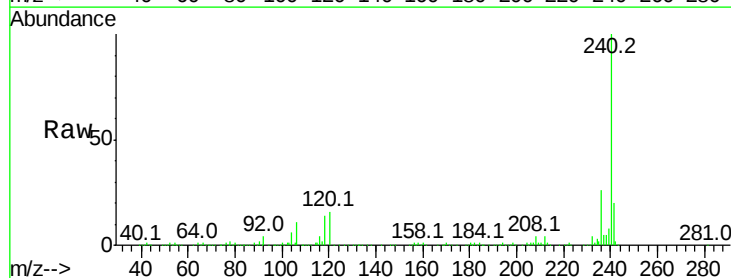
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.00 min Scan# 1042
Delta R.T. -0.07 min
Lab File: BF084425.D
Acq: 12 Jan 2016 22:43

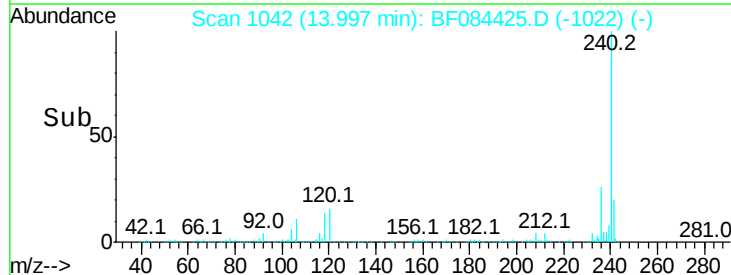
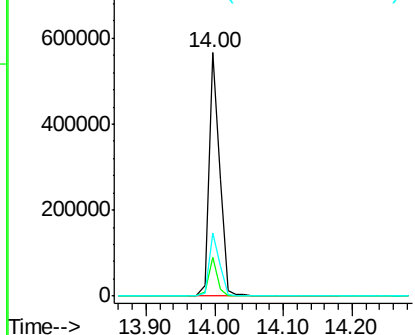
Tgt Ion	Ratio	Lower	Upper
240	100		
120	16.0	9.5	14.3#
236	25.8	20.6	31.0

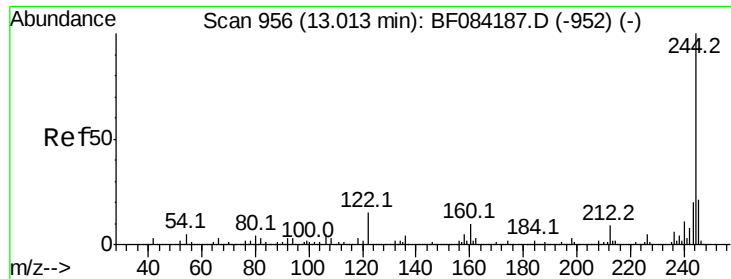


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

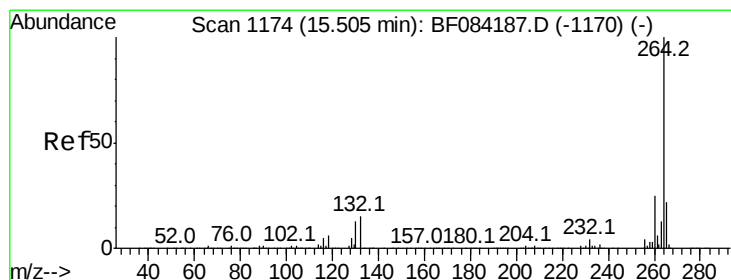
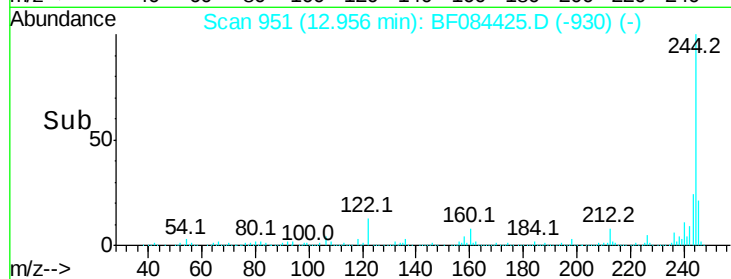
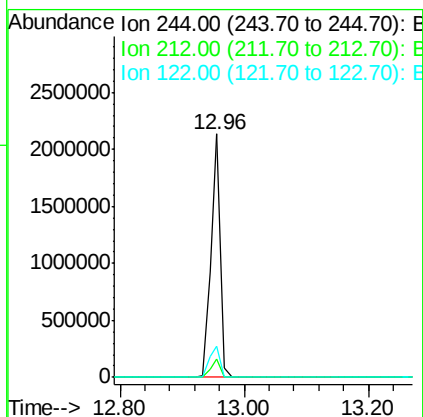
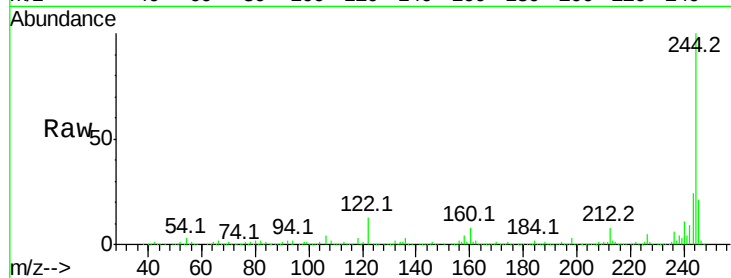




#78
 Terphenyl-d14
 Concen: 79.90 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Instrument :
 BNA_F
 ClientSampleId :
 PB87777BL

Tot Ion:244 Resp: 2182021
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.7 8.5
 122 12.6 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084425.D
 Acq: 12 Jan 2016 22:43

Tgt Ion:264 Resp: 467381
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.0 17.8 26.6

