

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011216\
 Data File : BF084431.D
 Acq On : 13 Jan 2016 1:29
 Operator : SJ/UM
 Sample : H1078-12
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-PCB

Quant Time: Jan 13 02:38:10 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	270360	20.00	ng	-0.06
21) Naphthalene-d8	8.13	136	1024234	20.00	ng	-0.06
38) Acenaphthene-d10	9.88	164	470963	20.00	ng	-0.07
63) Phenanthrene-d10	11.37	188	822251	20.00	ng	-0.06
75) Chrysene-d12	14.00	240	513714	20.00	ng	-0.07
86) Perylene-d12	15.42	264	453002	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1106451	66.20	ng	-0.05
7) Phenol-d6	6.48	99	828714	39.48	ng	-0.06
23) Nitrobenzene-d5	7.41	82	1777744	96.60	ng	-0.06
41) 2,4,6-Tribromophenol	10.67	330	586425	123.33	ng	-0.07
44) 2-Fluorobiphenyl	9.21	172	2385544	89.44	ng	-0.06
78) Terphenyl-d14	12.96	244	1959495	85.14	ng	-0.06

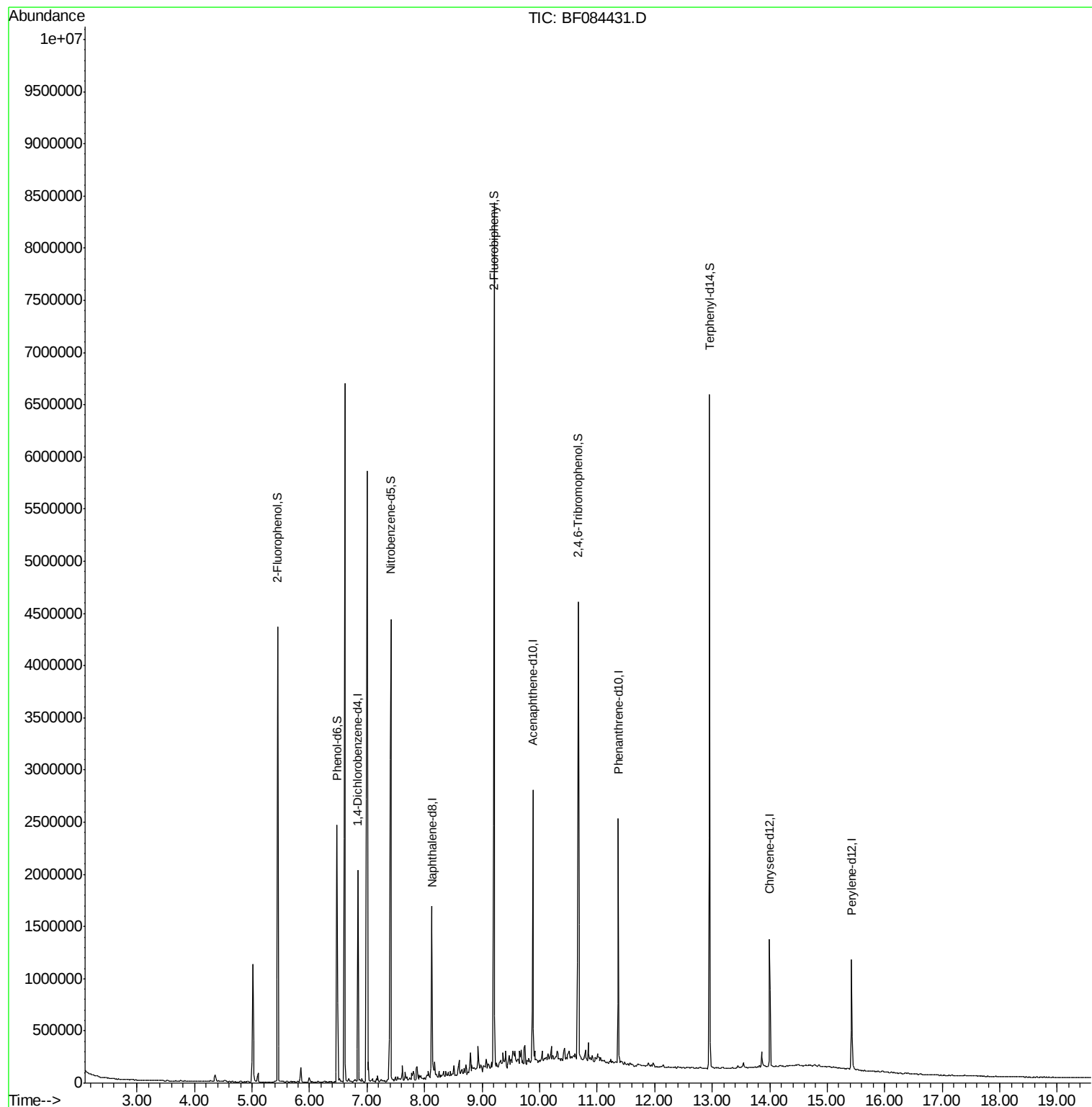
Target Compounds Qvalue

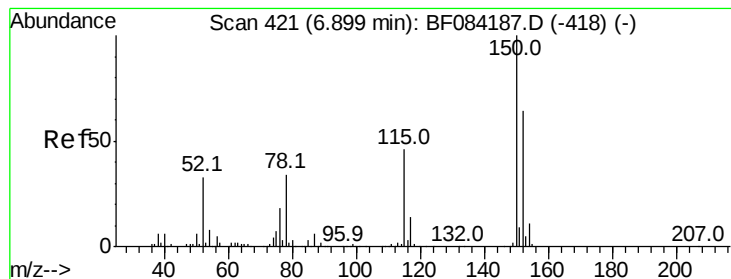
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 04 12:22:40 2016
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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: BF084431.D

Acq: 13 Jan 2016 1:29

Instrument :

BNA_F

ClientSampleId :

TE-PMW-PCB

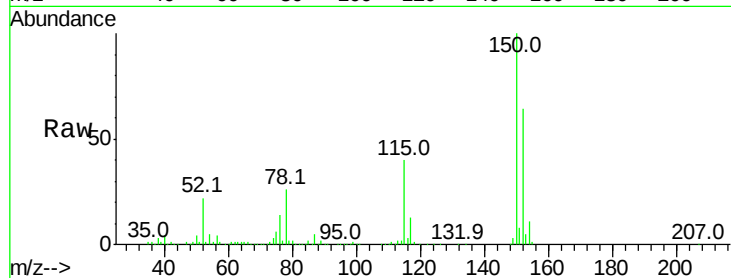
Tot Ion:152 Resp: 270360

Ion Ratio Lower Upper

152 100

150 156.9 123.0 184.4

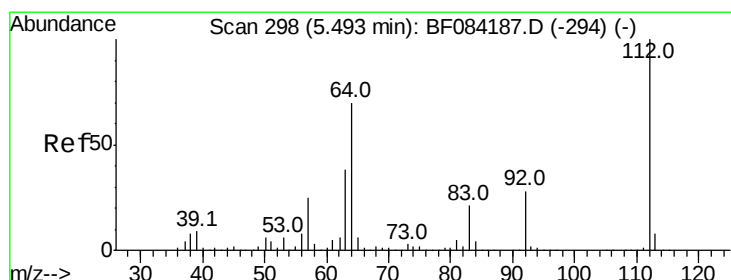
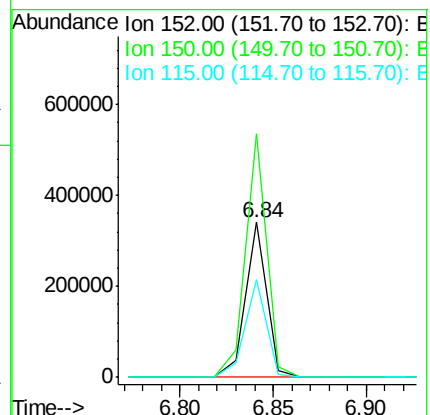
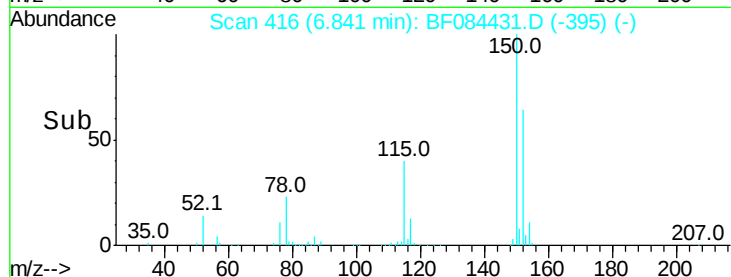
115 62.8 51.4 77.2



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: 66.20 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.05 min

Lab File: BF084431.D

Acq: 13 Jan 2016 1:29

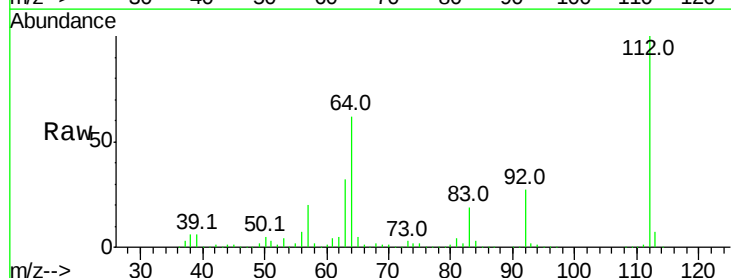
Tgt Ion:112 Resp: 1106451

Ion Ratio Lower Upper

112 100

64 62.1 36.6 55.0#

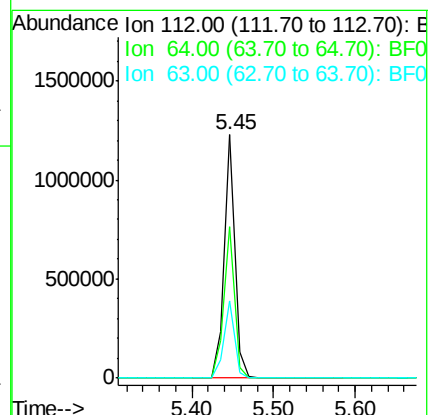
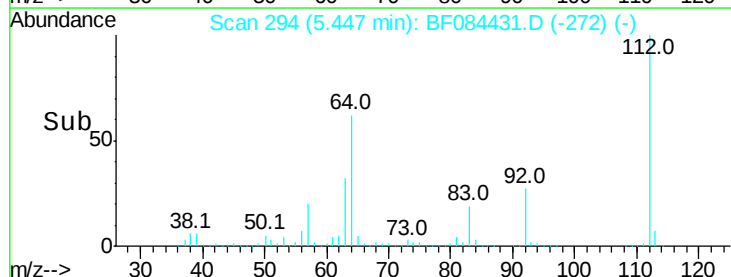
63 31.8 19.4 29.0#

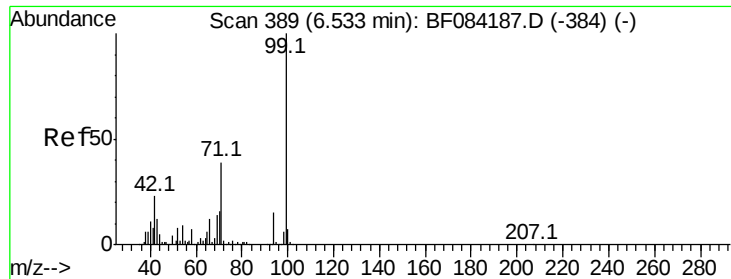


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 39.48 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.06 min

Lab File: BF084431.D

Acq: 13 Jan 2016 1:29

Instrument :

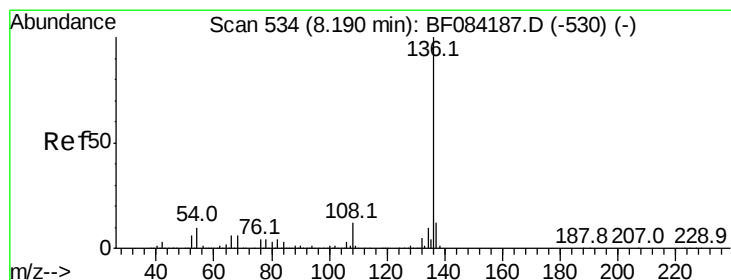
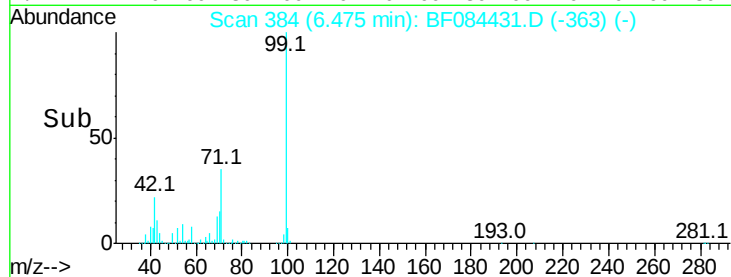
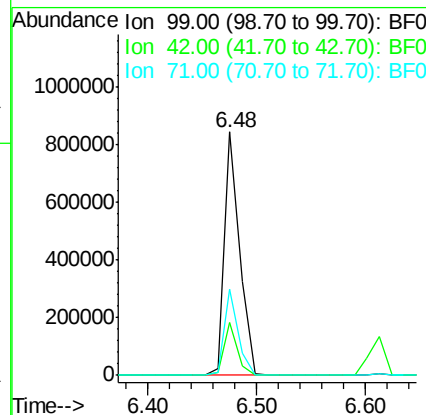
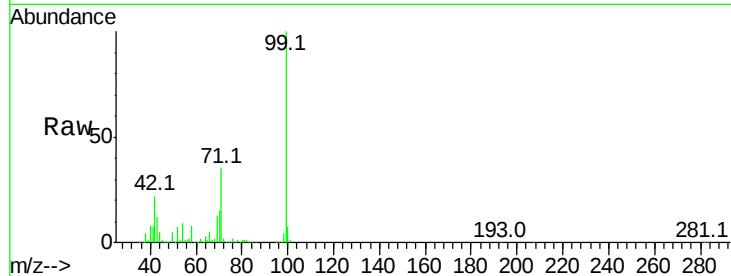
BNA_F

ClientSampleId :

TE-PMW-PCB

Tot Ion: 99 Resp: 828714

Ion	Ratio	Lower	Upper
99	100		
42	21.9	12.8	19.2#
71	35.2	30.9	46.3



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.13 min Scan# 529

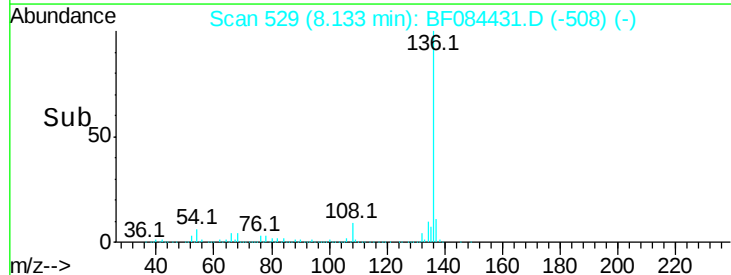
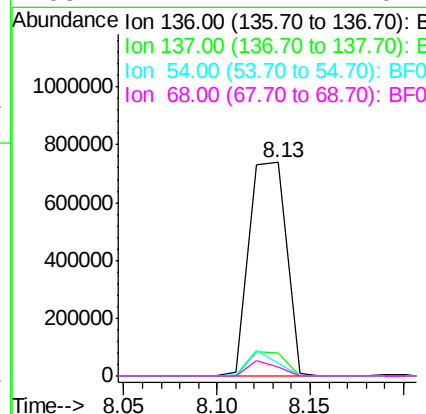
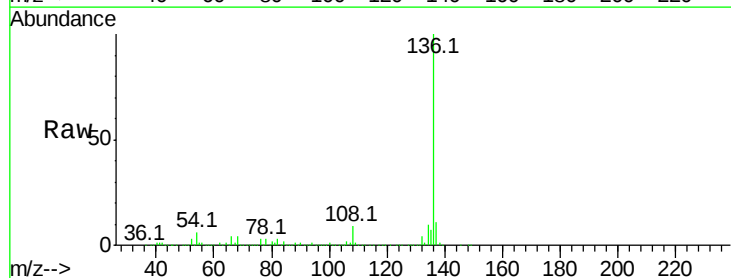
Delta R.T. -0.06 min

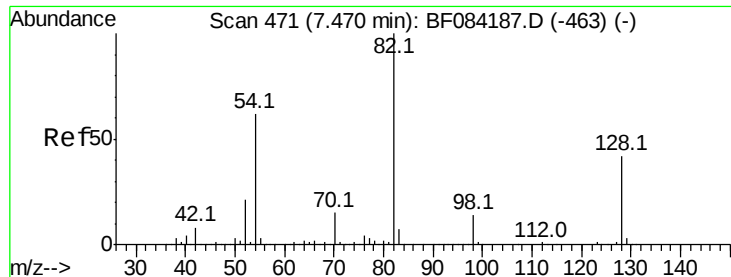
Lab File: BF084431.D

Acq: 13 Jan 2016 1:29

Tgt Ion: 136 Resp: 1024234

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	5.9	5.8	8.8
68	4.1	4.2	6.2#

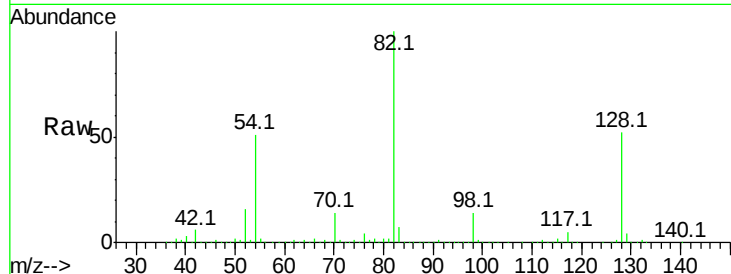




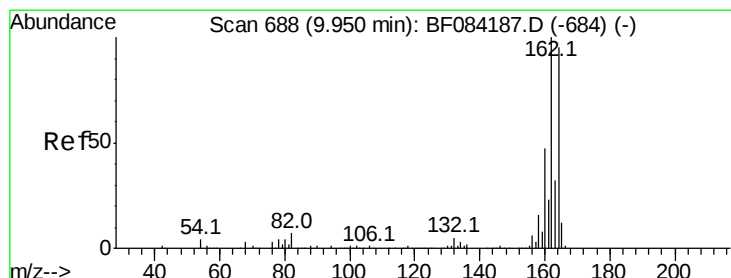
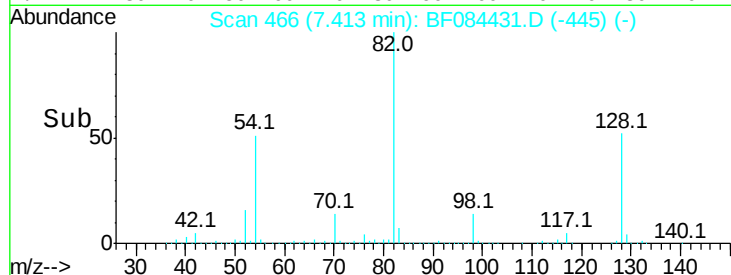
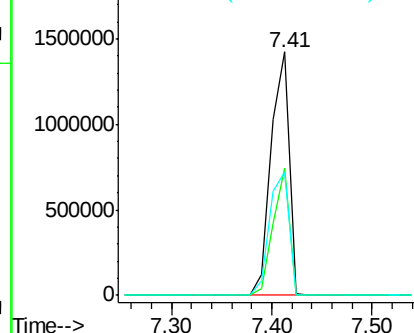
#23
 Nitrobenzene-d5
 Concen: 96.60 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.06 min
 Lab File: BF084431.D
 Acq: 13 Jan 2016 1:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-PCB

Tot Ion: 82 Resp: 1777744
 Ion Ratio Lower Upper
 82 100
 128 52.1 34.6 51.8#
 54 50.8 38.4 57.6

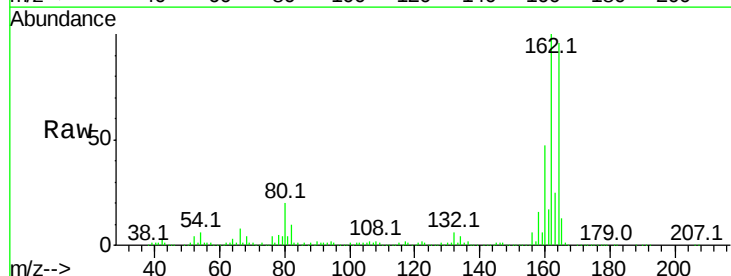


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

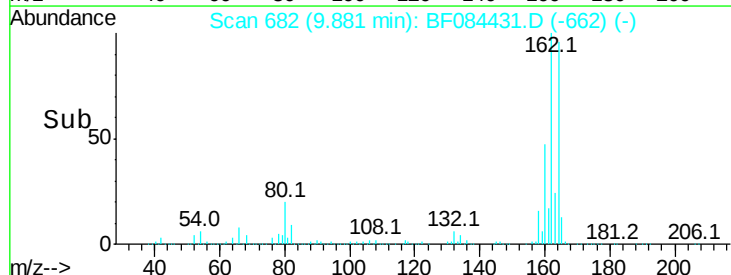
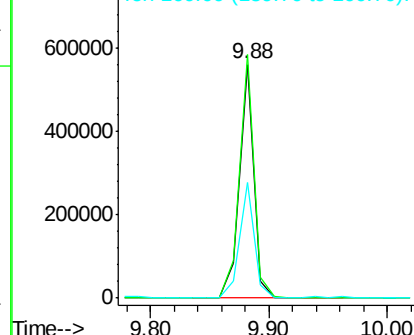


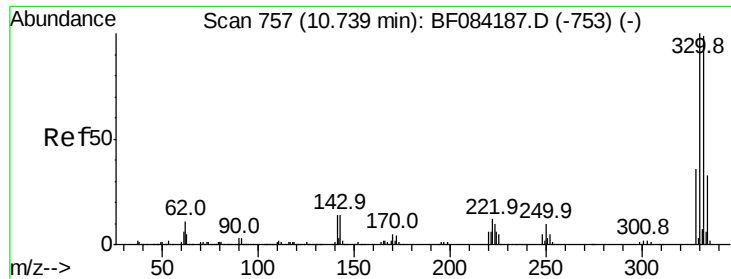
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.07 min
 Lab File: BF084431.D
 Acq: 13 Jan 2016 1:29

Tgt Ion:164 Resp: 470963
 Ion Ratio Lower Upper
 164 100
 162 104.1 85.1 127.7
 160 49.4 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

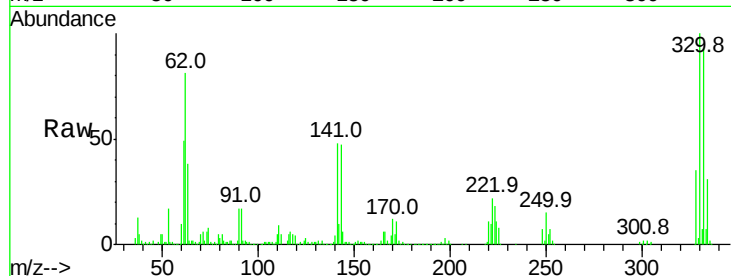




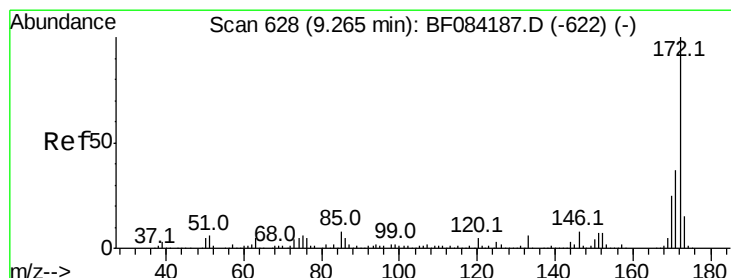
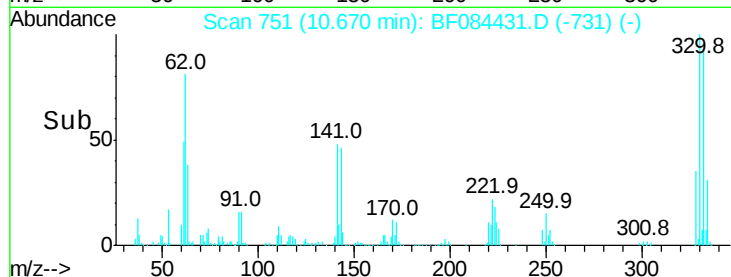
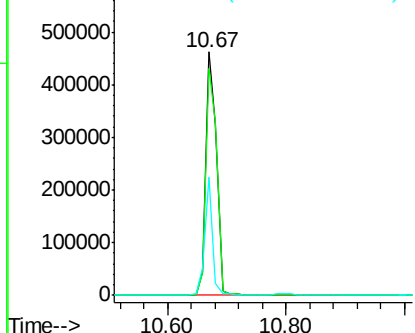
#41
 2,4,6-Tribromophenol
 Concen: 123.33 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.07 min
 Lab File: BF084431.D
 Acq: 13 Jan 2016 1:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-PCB

Tot Ion:330 Resp: 586425
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 114.8
 141 35.2 27.8 41.6

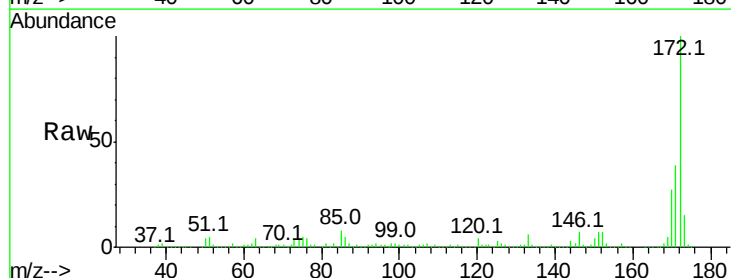


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

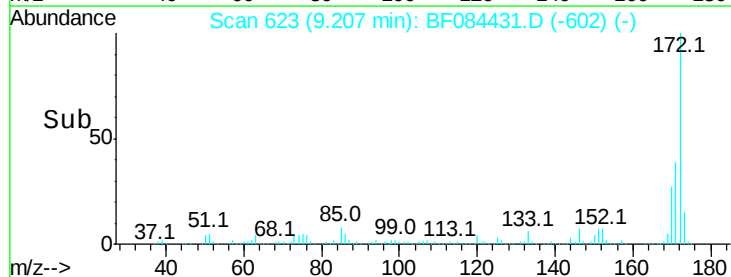
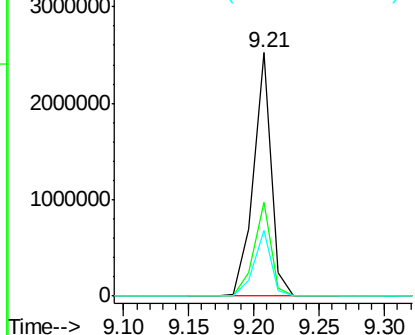


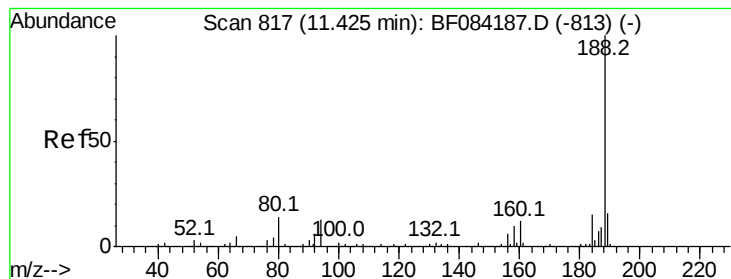
#44
 2-Fluorobiphenyl
 Concen: 89.44 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.06 min
 Lab File: BF084431.D
 Acq: 13 Jan 2016 1:29

Tgt Ion:172 Resp: 2385544
 Ion Ratio Lower Upper
 172 100
 171 38.6 28.9 43.3
 170 26.9 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: BF084431.D

Acq: 13 Jan 2016 1:29

Instrument :

BNA_F

ClientSampleId :

TE-PMW-PCB

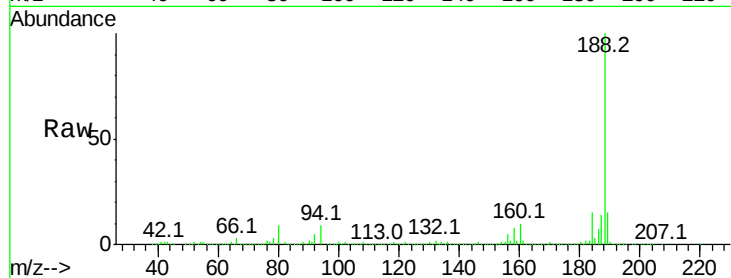
Tot Ion:188 Resp: 822251

Ion Ratio Lower Upper

188 100

94 9.3 9.0 13.4

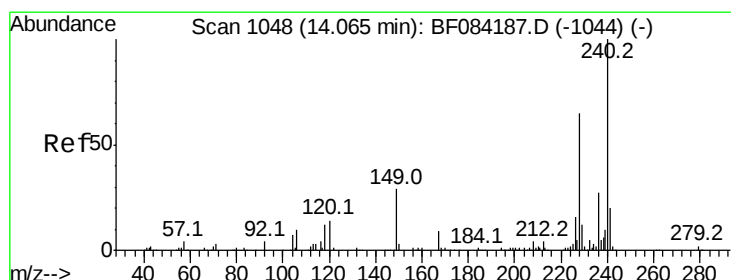
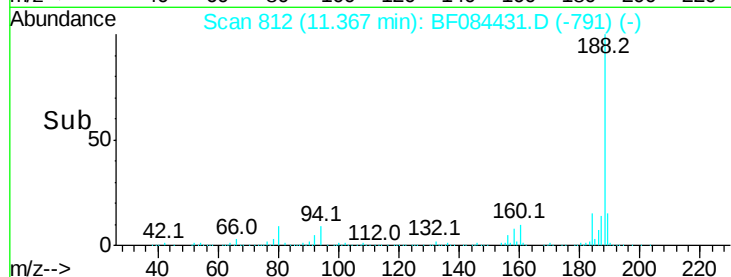
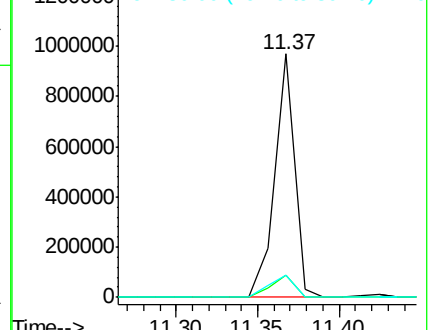
80 9.3 9.6 14.4#



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: BF084431.D

Acq: 13 Jan 2016 1:29

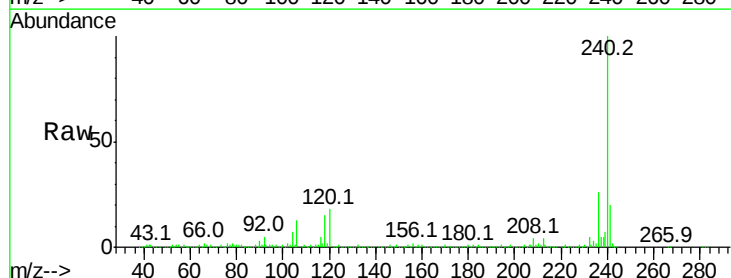
Tgt Ion:240 Resp: 513714

Ion Ratio Lower Upper

240 100

120 17.7 9.5 14.3#

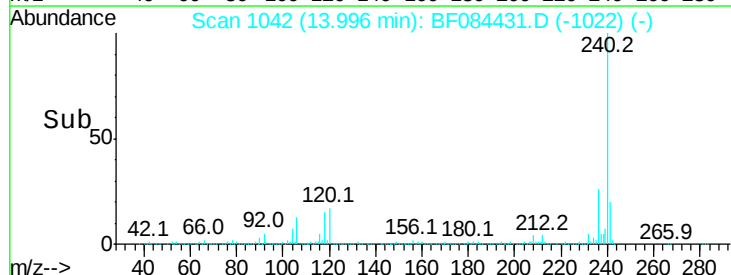
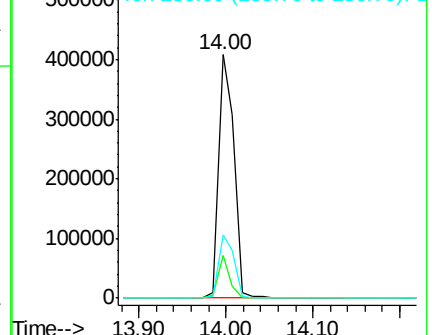
236 25.7 20.6 31.0

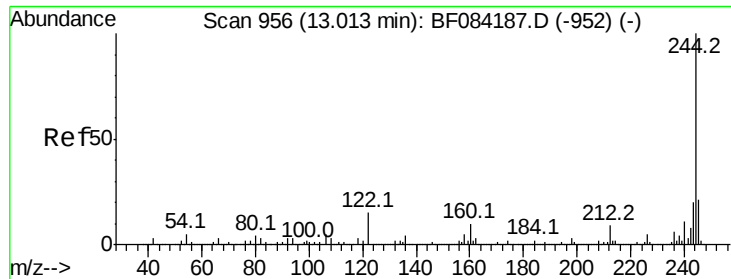


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

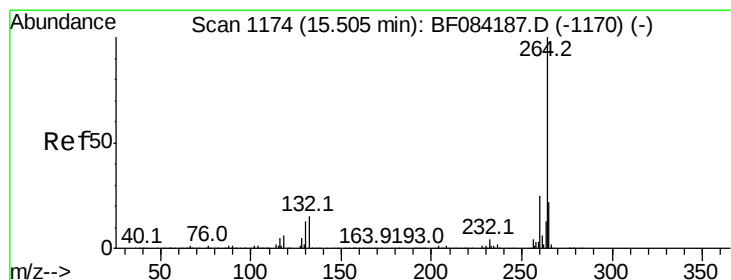
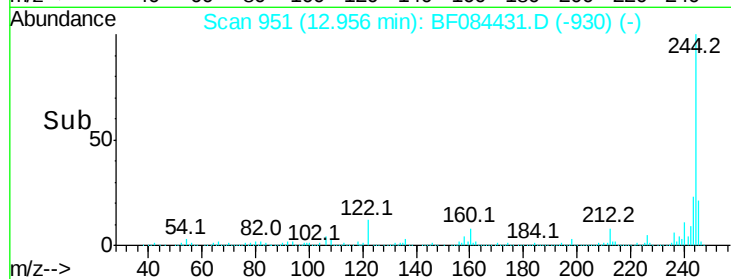
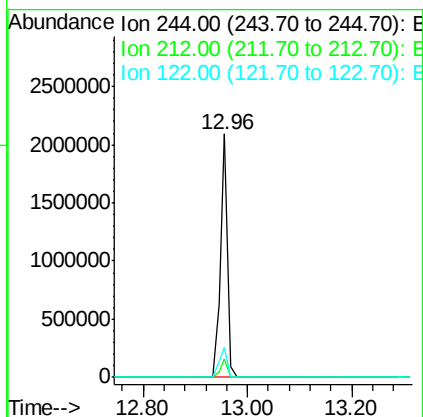
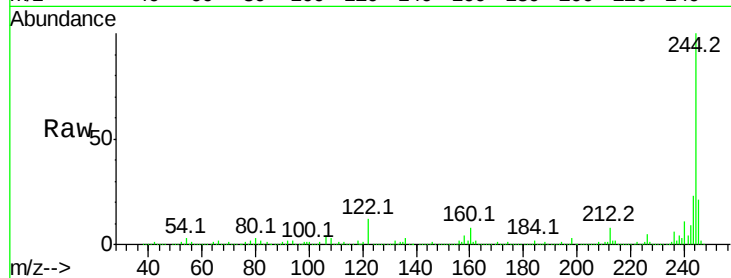




#78
 Terphenyl-d14
 Concen: 85.14 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.06 min
 Lab File: BF084431.D
 Acq: 13 Jan 2016 1:29

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-PCB

Tot Ion:244 Resp: 1959495
 Ion Ratio Lower Upper
 244 100
 212 7.5 5.7 8.5
 122 12.4 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.42 min Scan# 1167
 Delta R.T. -0.08 min
 Lab File: BF084431.D
 Acq: 13 Jan 2016 1:29

Tgt Ion:264 Resp: 453002
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.4 29.2
 265 21.7 17.8 26.6

