

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010215\
 Data File : BF076746.D
 Acq On : 3 Jan 2015 2:45
 Operator : IZ / TP
 Sample : PB81184BL
 Misc : LOD/LOQ-WATER-BLK
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 05 04:18:04 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 05 04:07:52 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	36974	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	162112	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	93410	20.00	ng	0.00
63) Phenanthrene-d10	12.27	188	154437	20.00	ng	0.00
75) Chrysene-d12	15.50	240	158489	20.00	ng	-0.01
86) Perylene-d12	17.18	264	141156	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.88	112	293025	134.36	ng	0.00
7) Phenol-d6	6.31	99	385031	144.55	ng	0.00
23) Nitrobenzene-d5	7.42	82	229067	84.04	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	99436	125.95	ng	0.00
44) 2-Fluorobiphenyl	9.65	172	462374	77.03	ng	0.00
78) Terphenyl-d14	14.25	244	545178	75.88	ng	0.00

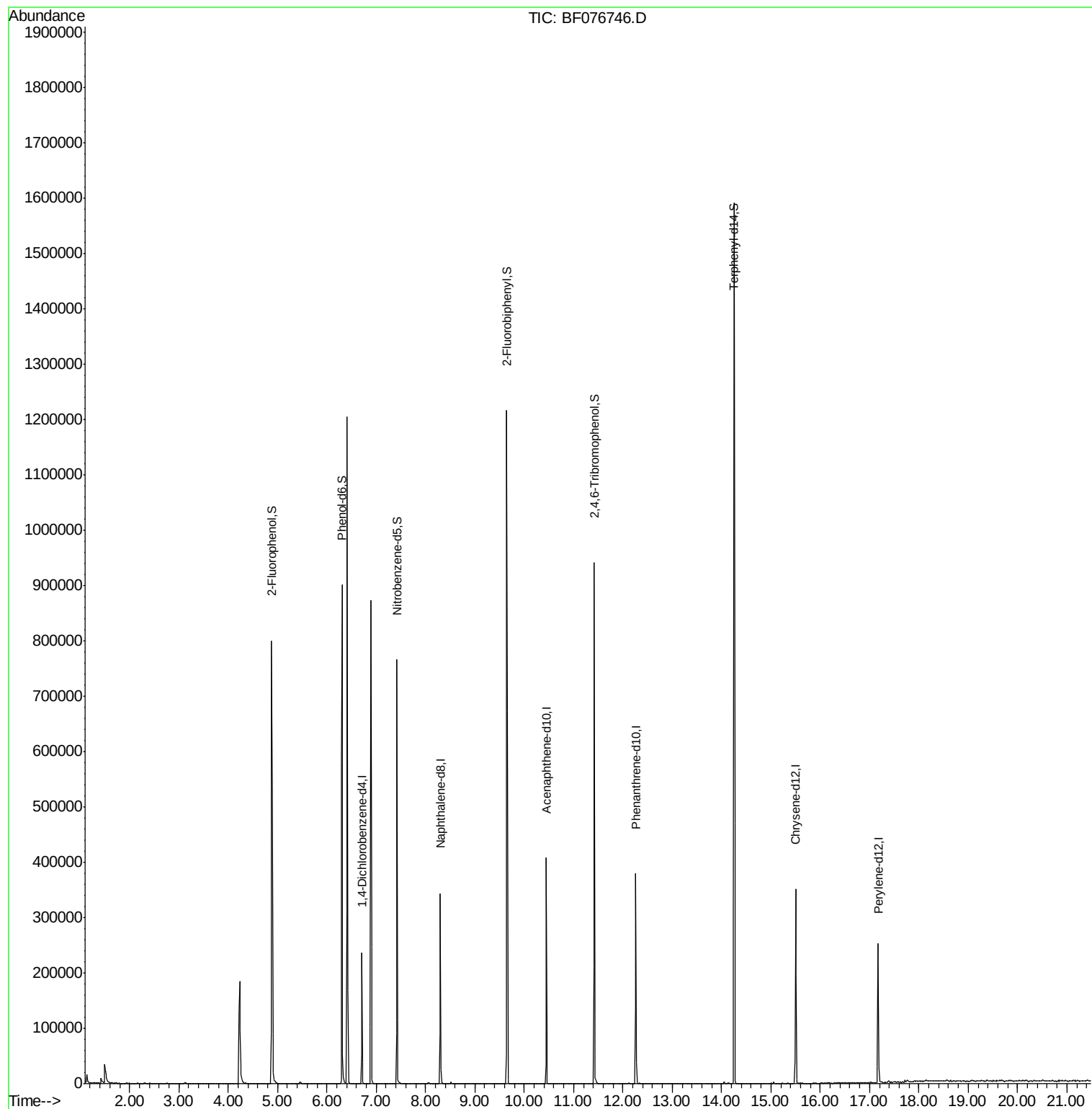
Target Compounds	Qvalue
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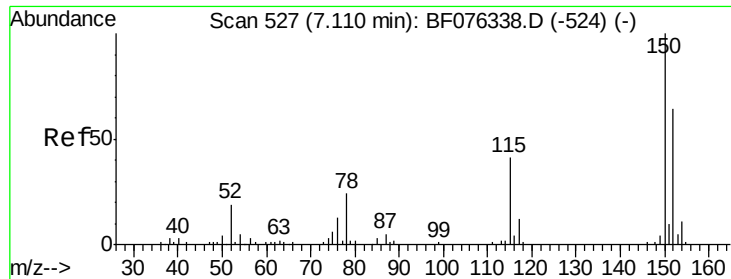
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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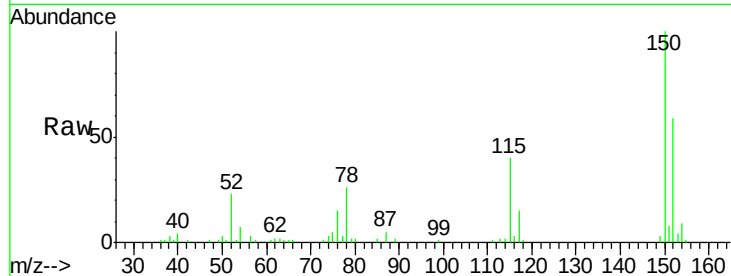


#1

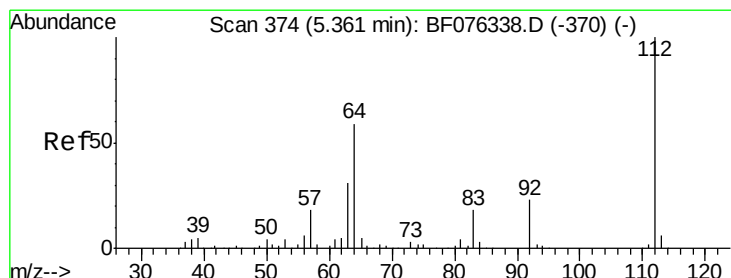
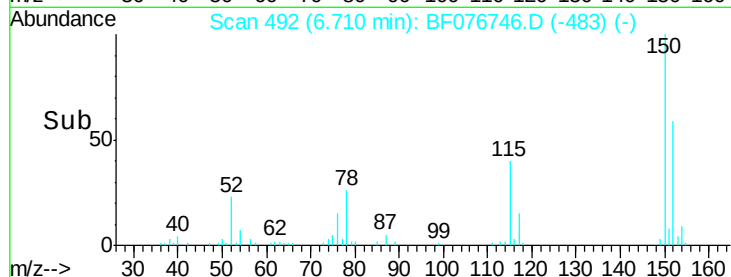
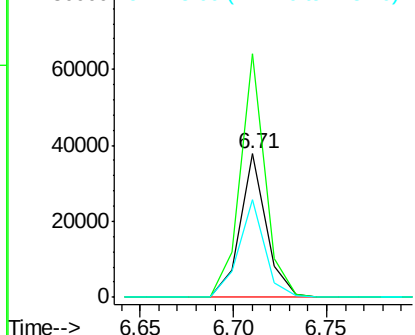
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076746.D
Acq: 3 Jan 2015 2:45

Instrument :
BNA_F
ClientSampleId :

Tgt Ion:152 Resp: 36974
Ion Ratio Lower Upper
152 100
150 169.5 125.2 187.8
115 68.4 51.4 77.0



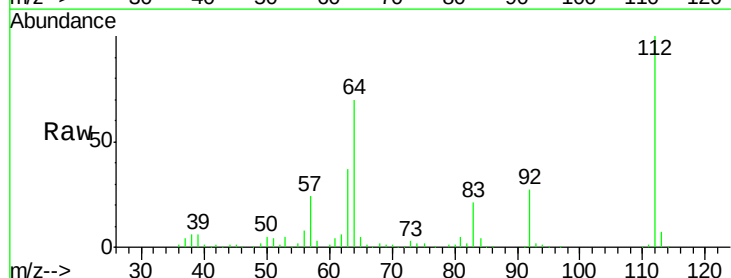
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



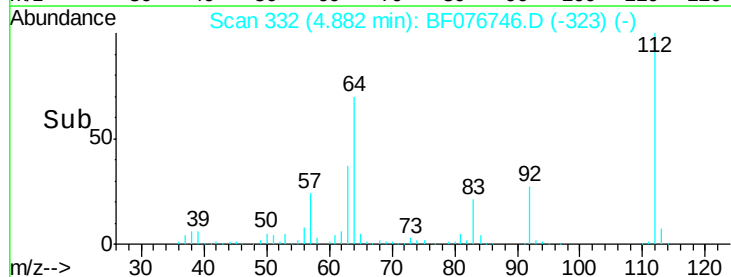
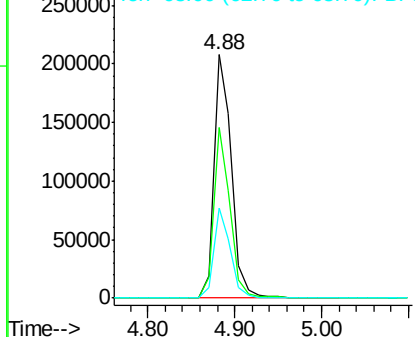
#5

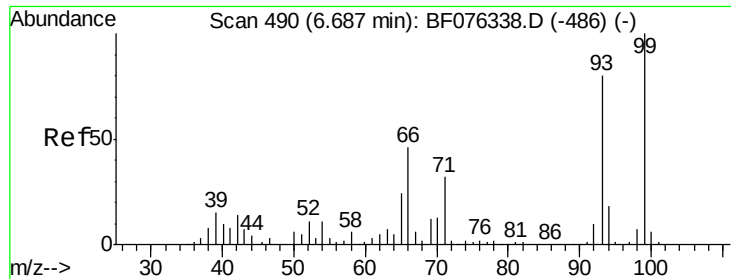
2-Fluorophenol
Concen: 134.36 ng
RT: 4.88 min Scan# 332
Delta R.T. 0.00 min
Lab File: BF076746.D
Acq: 3 Jan 2015 2:45

Tgt Ion:112 Resp: 293025
Ion Ratio Lower Upper
112 100
64 70.3 47.4 71.0
63 37.0 25.0 37.4



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: 144.55 ng

RT: 6.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF076746.D

Acq: 3 Jan 2015 2:45

Instrument :

BNA_F

ClientSampleId :

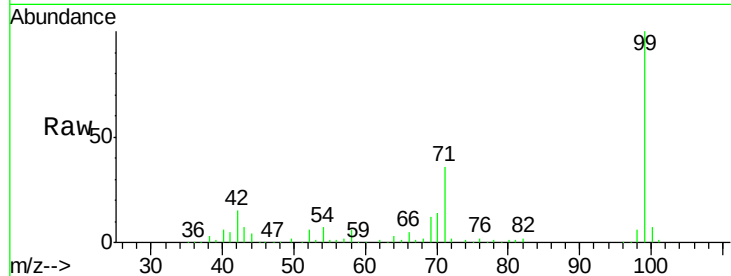
Tgt Ion: 99 Resp: 385031

Ion Ratio Lower Upper

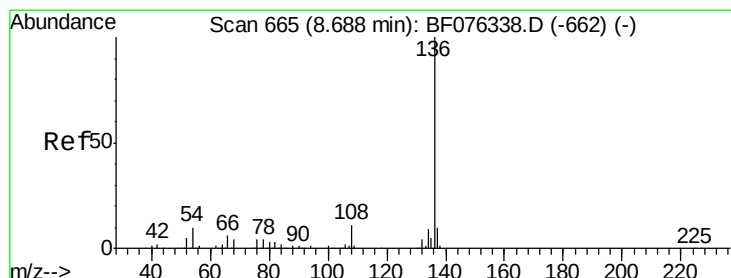
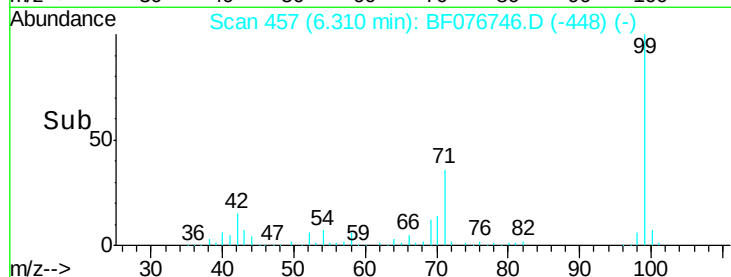
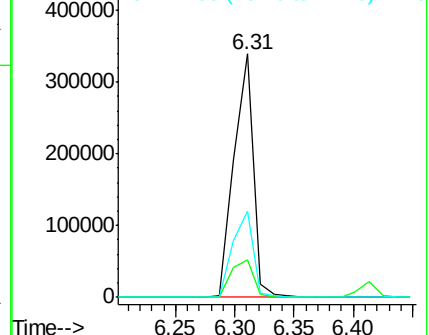
99 100

42 15.3 11.6 17.4

71 35.6 25.9 38.9



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: 8.30 min Scan# 631

Delta R.T. 0.00 min

Lab File: BF076746.D

Acq: 3 Jan 2015 2:45

Tgt Ion: 136 Resp: 162112

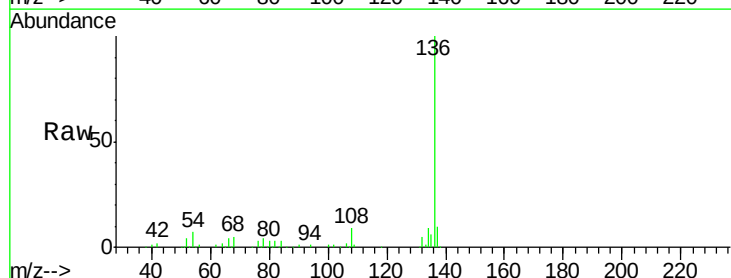
Ion Ratio Lower Upper

136 100

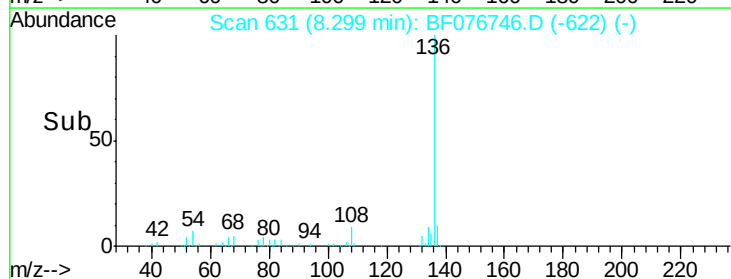
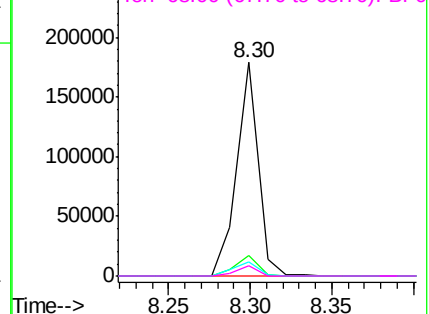
137 9.9 8.4 12.6

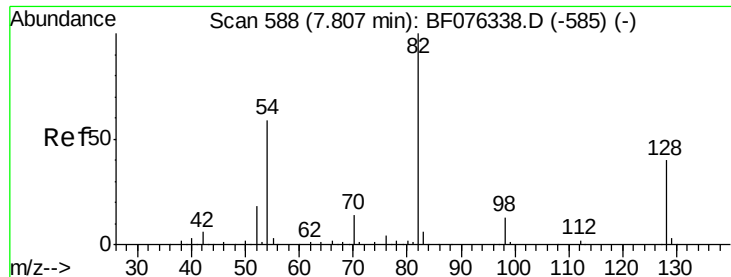
54 6.7 7.8 11.6#

68 4.5 3.4 5.2



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

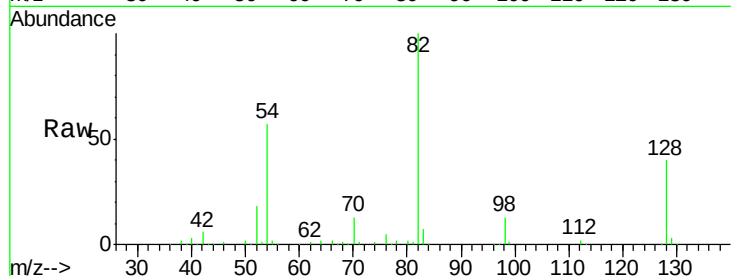




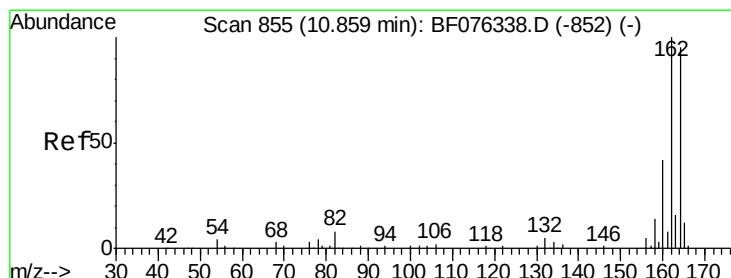
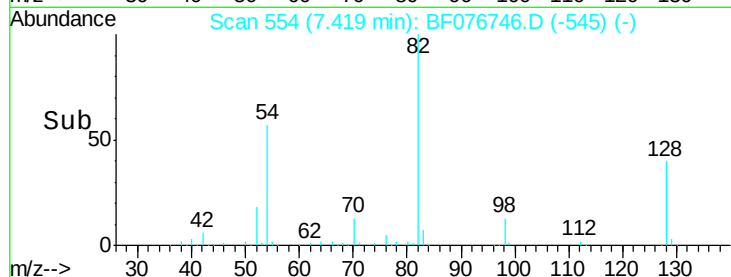
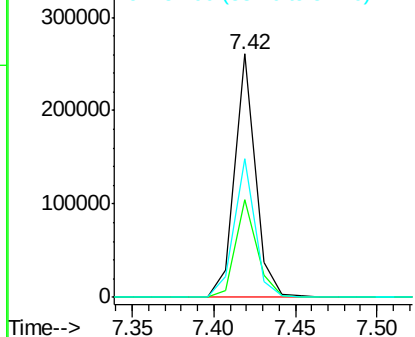
#23
 Nitrobenzene-d5
 Concen: 84.04 ng
 RT: 7.42 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF076746.D
 Acq: 3 Jan 2015 2:45

Instrument :
 BNA_F
 ClientSampleID :

Tgt Ion: 82 Resp: 229067
 Ion Ratio Lower Upper
 82 100
 128 40.1 31.9 47.9
 54 57.0 47.2 70.8

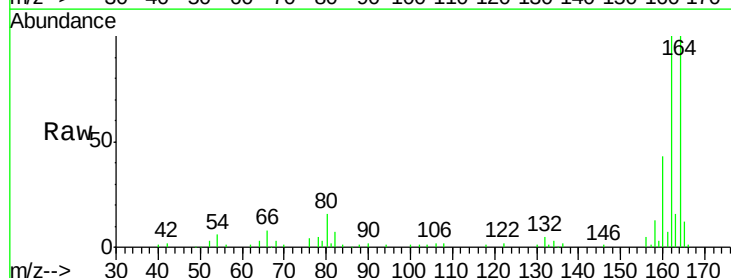


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

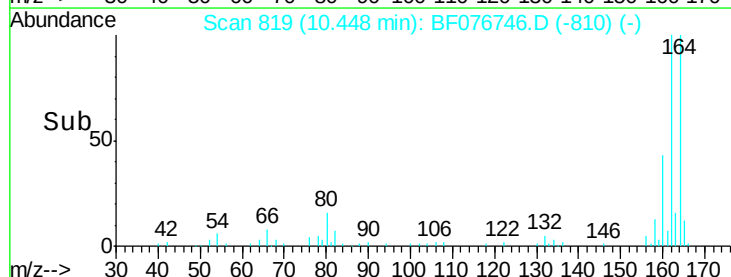
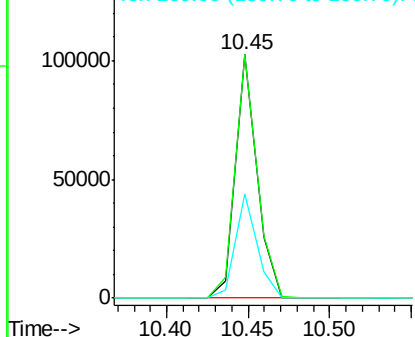


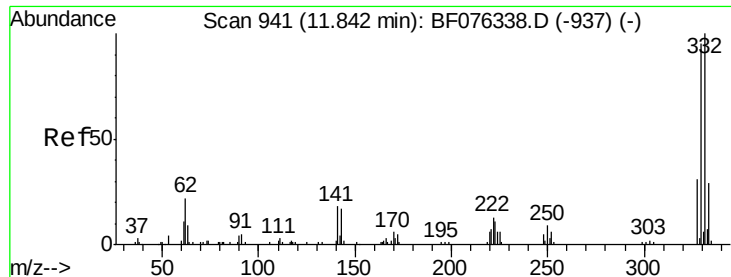
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF076746.D
 Acq: 3 Jan 2015 2:45

Tgt Ion: 164 Resp: 93410
 Ion Ratio Lower Upper
 164 100
 162 99.9 84.2 126.2
 160 42.8 35.5 53.3



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

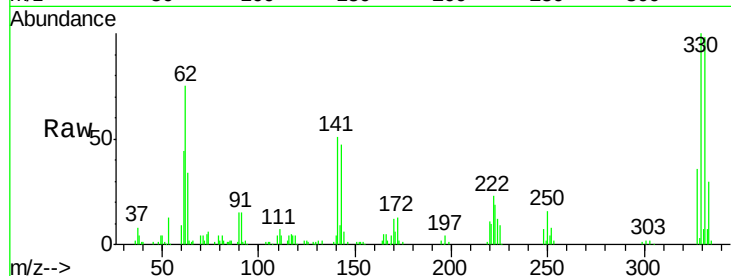




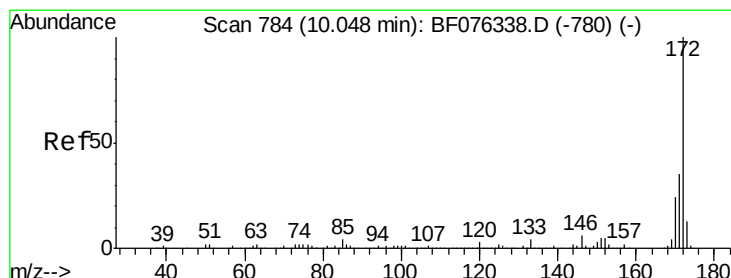
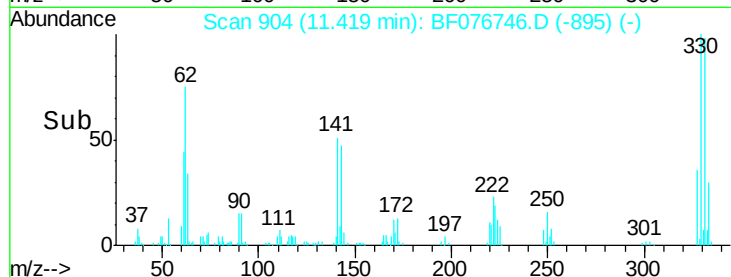
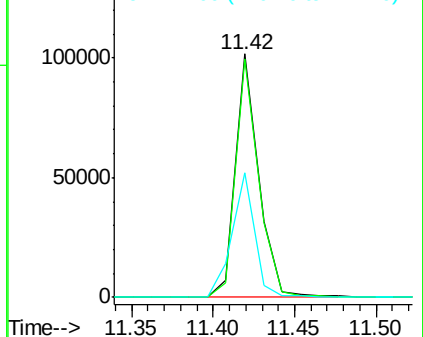
#41
 2,4,6-Tribromophenol
 Concen: 125.95 ng
 RT: 11.42 min Scan# 904
 Delta R.T. 0.00 min
 Lab File: BF076746.D
 Acq: 3 Jan 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.3	0.0	0.0#
141	49.7	0.0	0.0#

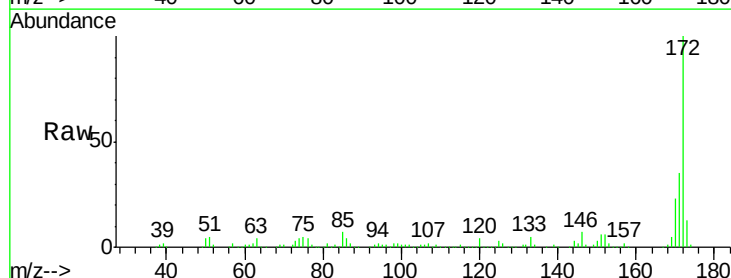


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

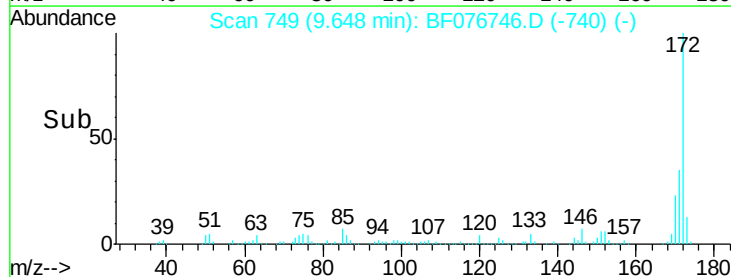
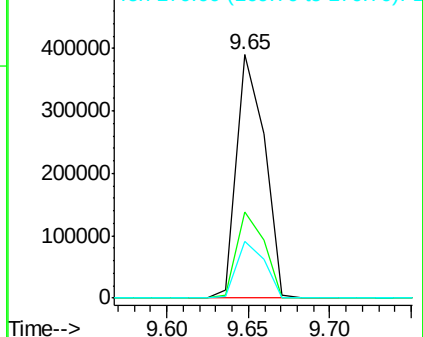


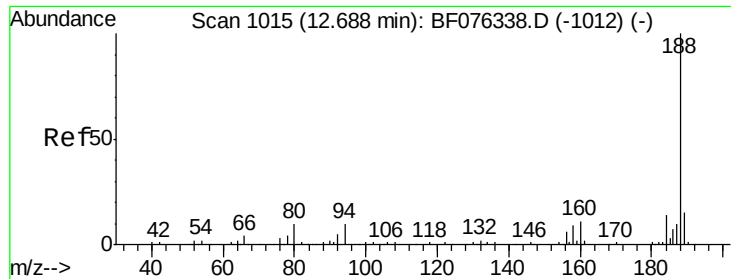
#44
 2-Fluorobiphenyl
 Concen: 77.03 ng
 RT: 9.65 min Scan# 749
 Delta R.T. 0.00 min
 Lab File: BF076746.D
 Acq: 3 Jan 2015 2:45

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.2	27.8	41.8
170	23.3	19.0	28.4



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

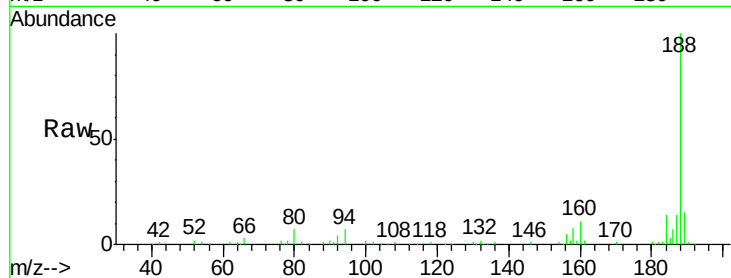




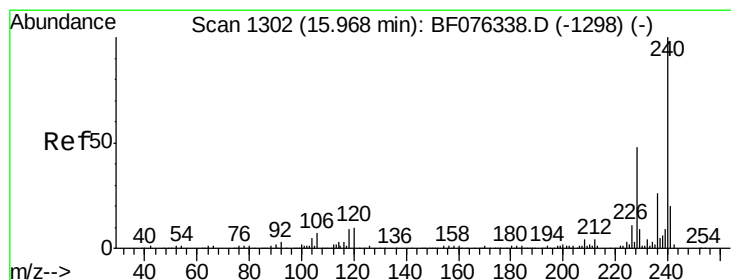
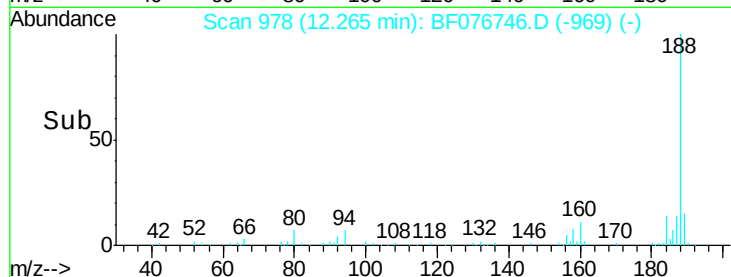
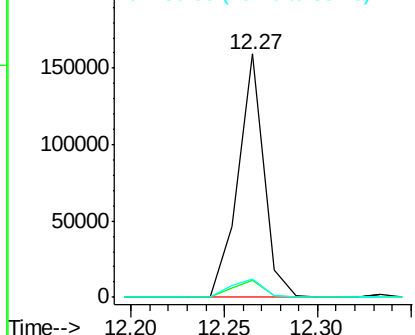
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.27 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: BF076746.D
 Acq: 3 Jan 2015 2:45

Instrument :
 BNA_F
 ClientSampleId :

Tgt Ion:188 Resp: 154437
 Ion Ratio Lower Upper
 188 100
 94 7.2 7.9 11.9#
 80 7.4 8.2 12.2#

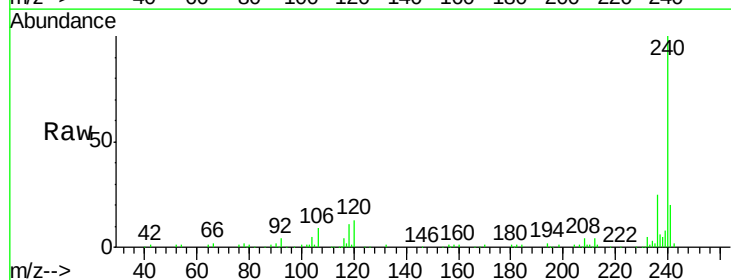


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

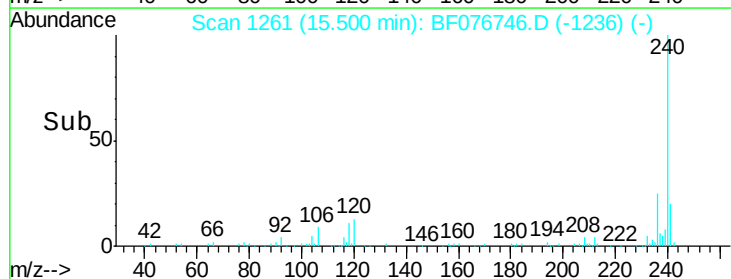
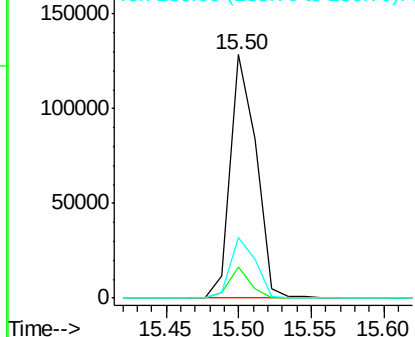


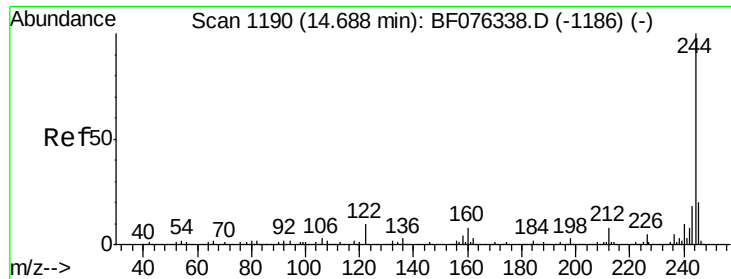
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 15.50 min Scan# 1261
 Delta R.T. -0.01 min
 Lab File: BF076746.D
 Acq: 3 Jan 2015 2:45

Tgt Ion:240 Resp: 158489
 Ion Ratio Lower Upper
 240 100
 120 13.0 8.0 12.0#
 236 24.8 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: 75.88 ng

RT: 14.25 min Scan# 1152

Delta R.T. 0.00 min

Lab File: BF076746.D

Acq: 3 Jan 2015 2:45

Instrument :

BNA_F

ClientSampleId :

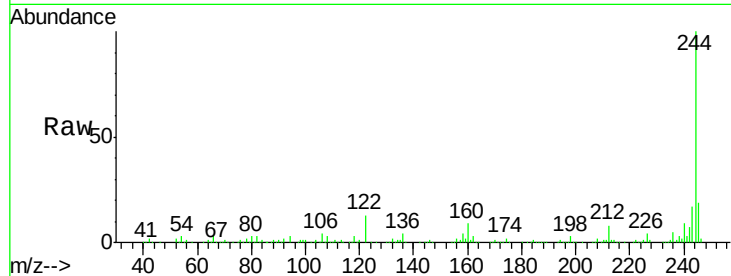
Tgt Ion:244 Resp: 545178

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

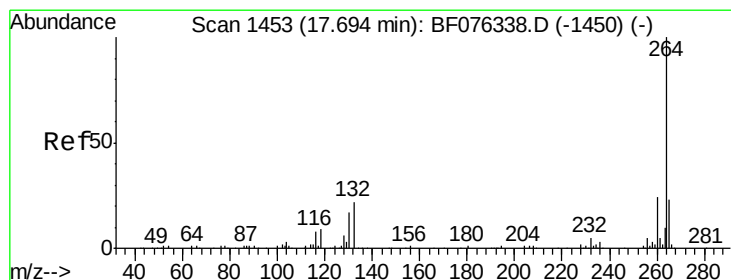
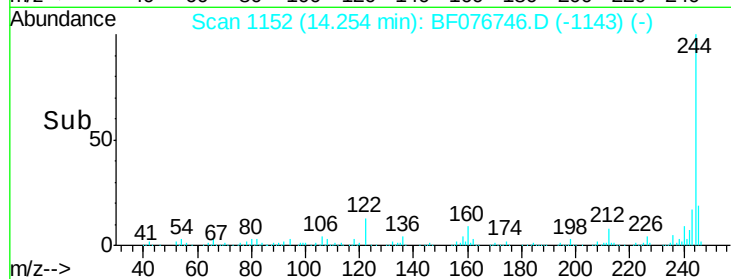
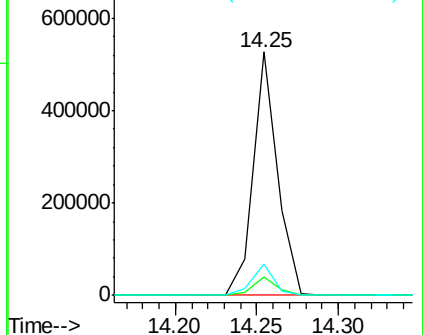
122 12.9 8.2 12.2#



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: 17.18 min Scan# 1408

Delta R.T. 0.02 min

Lab File: BF076746.D

Acq: 3 Jan 2015 2:45

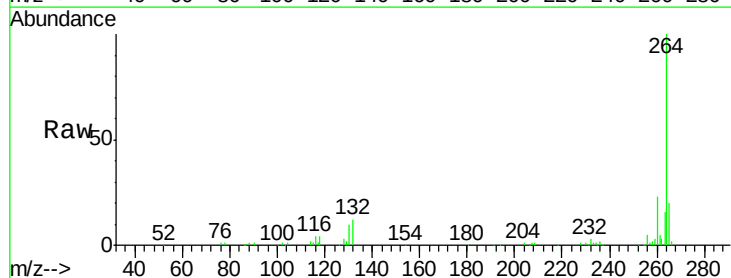
Tgt Ion:264 Resp: 141156

Ion Ratio Lower Upper

264 100

260 22.9 19.4 29.2

265 19.8 18.1 27.1



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

