

Data Path : Z:\HPCHEM1\BNA F\Data\BF010215\
 Data File : BF076731.D
 Acq On : 2 Jan 2015 18:42
 Operator : IZ / TP
 Sample : PB81183BL
 Misc : LOD/LOO-WATER-BLK
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB81183BL

Quant Time: Jan 03 02:51:41 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121714.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 02 22:56:46 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	42357	20.00	ng	0.00
21) Naphthalene-d8	8.30	136	174263	20.00	ng	0.00
38) Acenaphthene-d10	10.45	164	97610	20.00	ng	-0.01
63) Phenanthrene-d10	12.27	188	165780	20.00	ng	0.00
75) Chrysene-d12	15.50	240	153943	20.00	ng	-0.01
86) Perylene-d12	17.16	264	135235	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	4.89	112	322698	129.16	ng	0.01
7) Phenol-d6	6.31	99	430309	141.02	ng	0.00
23) Nitrobenzene-d5	7.42	82	239966	81.90	ng	0.00
41) 2,4,6-Tribromophenol	11.42	330	103077	124.94	ng	-0.01
44) 2-Fluorobiphenyl	9.65	172	495513	79.00	ng	-0.01
78) Terphenyl-d14	14.25	244	521271	74.69	ng	-0.01

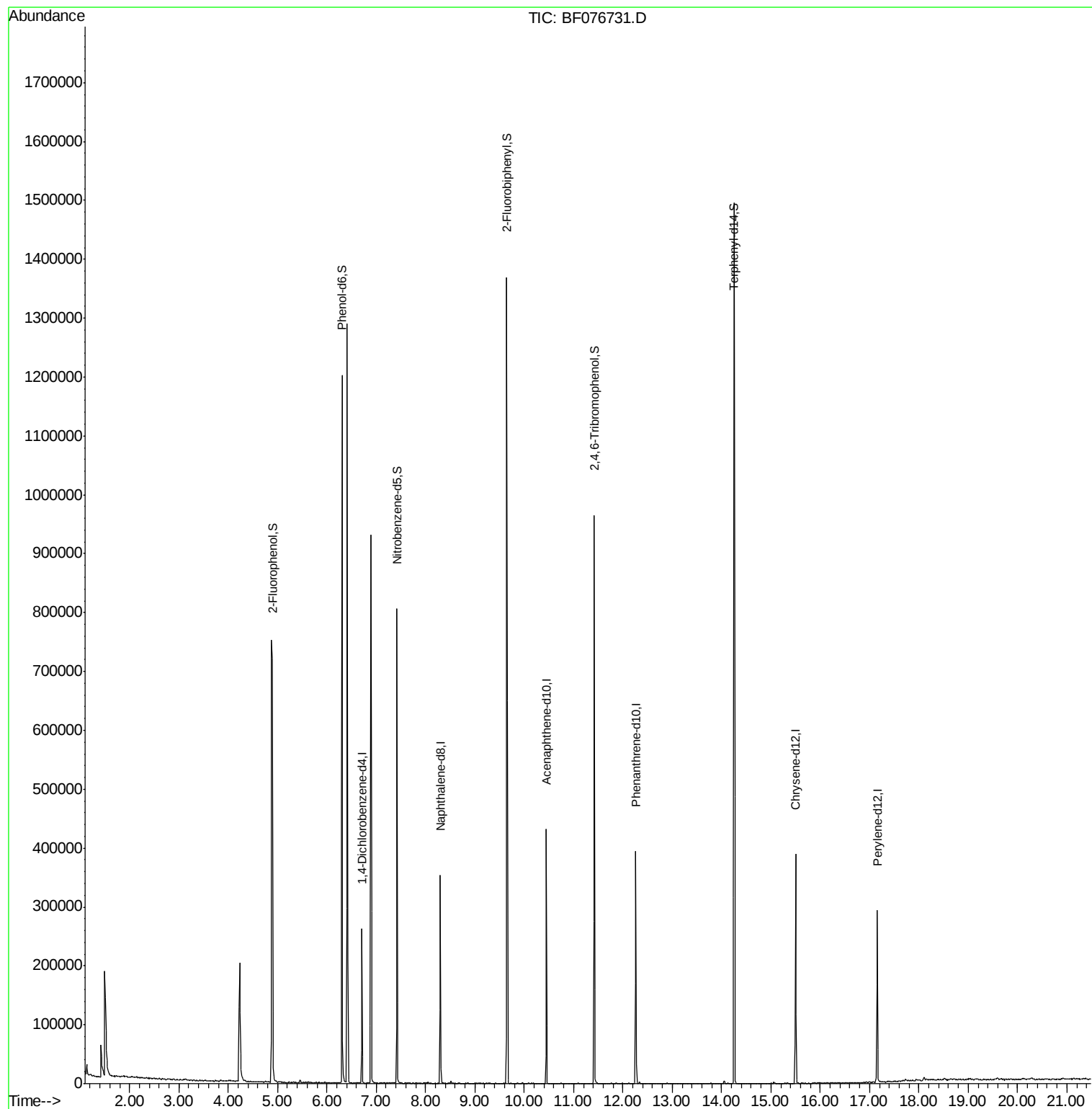
Target Compounds Qvalue

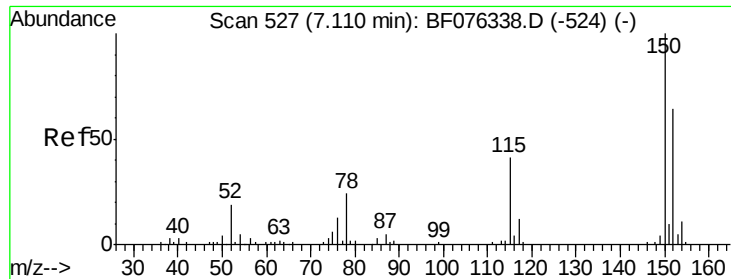
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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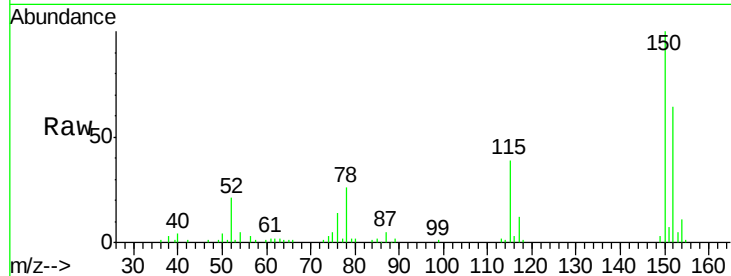


#1

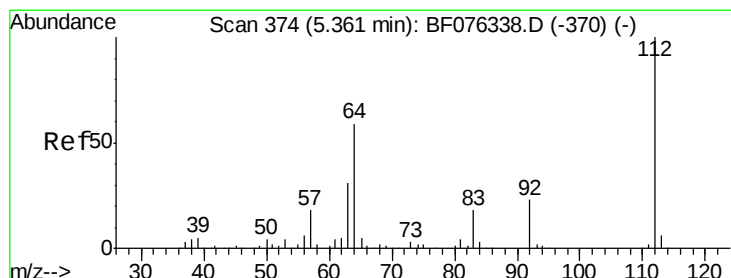
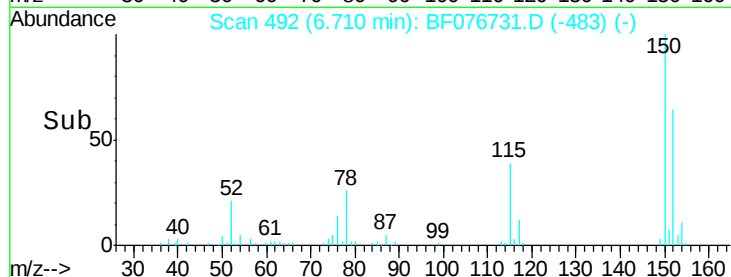
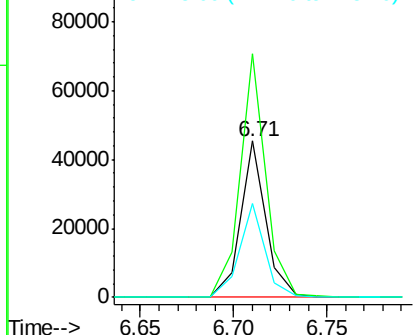
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 492
Delta R.T. 0.00 min
Lab File: BF076731.D
Acq: 2 Jan 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB81183BL

Tot Ion:152 Resp: 42357
Ion Ratio Lower Upper
152 100
150 156.0 125.2 187.8
115 60.1 51.4 77.0



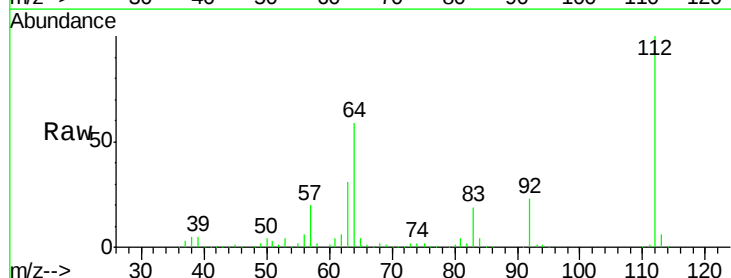
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



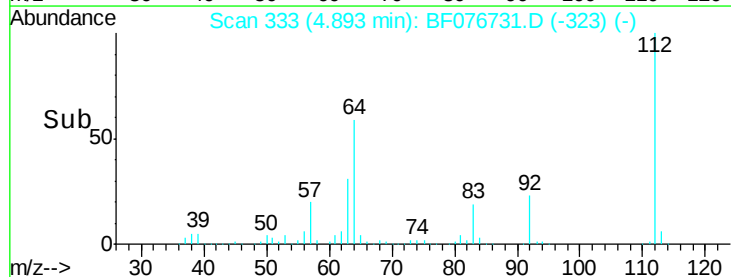
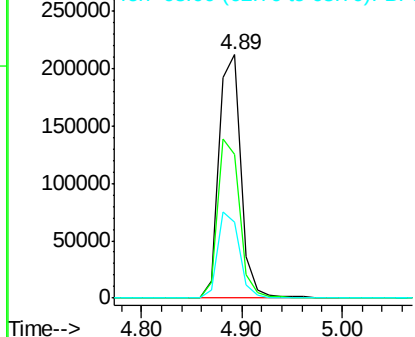
#5

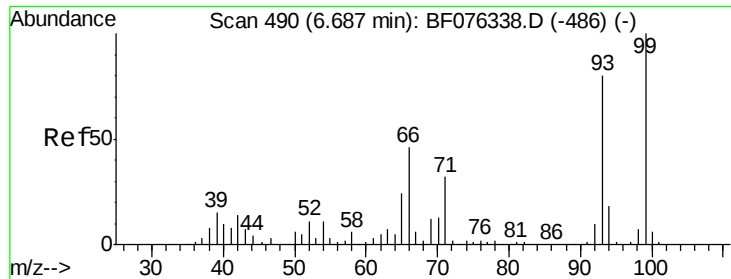
2-Fluorophenol
Concen: 129.16 ng
RT: 4.89 min Scan# 333
Delta R.T. 0.01 min
Lab File: BF076731.D
Acq: 2 Jan 2015 18:42

Tgt Ion:112 Resp: 322698
Ion Ratio Lower Upper
112 100
64 58.9 47.4 71.0
63 31.4 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: 141.02 ng

RT: 6.31 min Scan# 457

Delta R.T. 0.00 min

Lab File: BF076731.D

Acq: 2 Jan 2015 18:42

Instrument :

BNA_F

ClientSampled :

PB81183BL

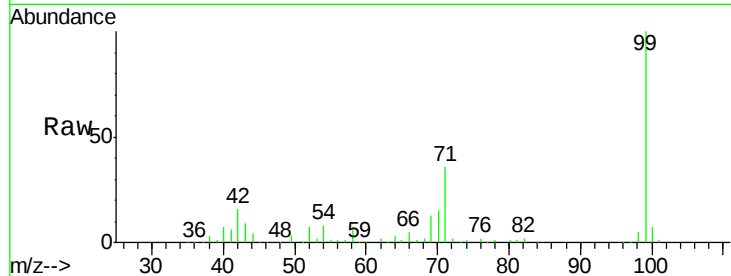
Tot Ion: 99 Resp: 430309

Ion Ratio Lower Upper

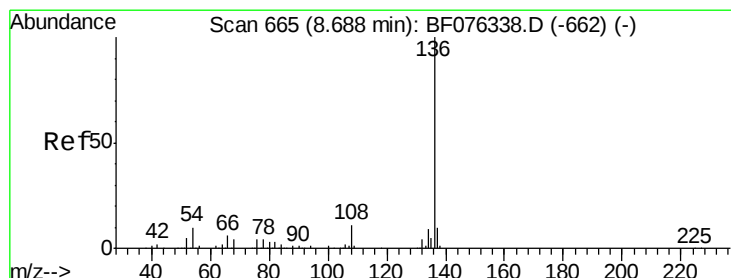
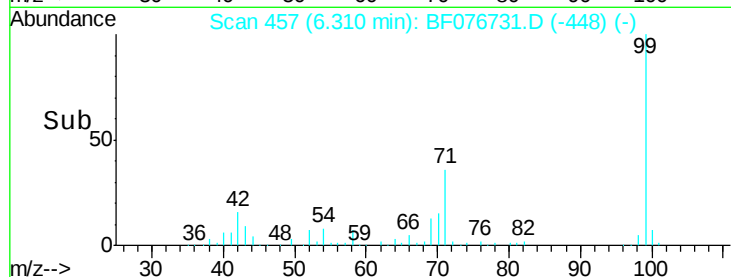
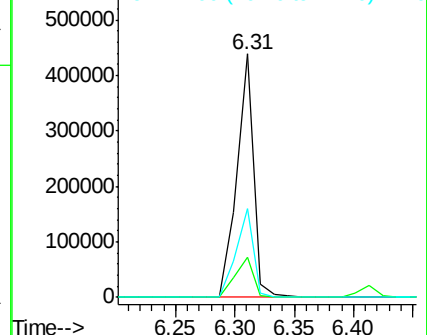
99 100

42 16.4 11.6 17.4

71 36.4 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: BF076731.D

Acq: 2 Jan 2015 18:42

Tgt Ion:136 Resp: 174263

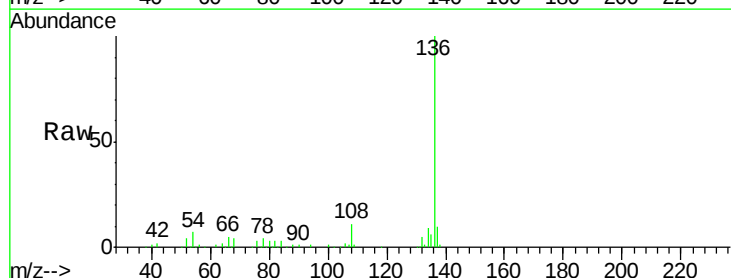
Ion Ratio Lower Upper

136 100

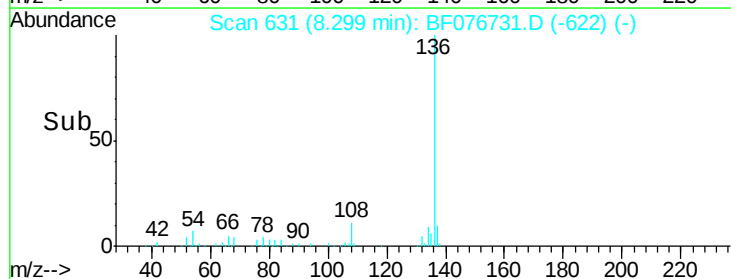
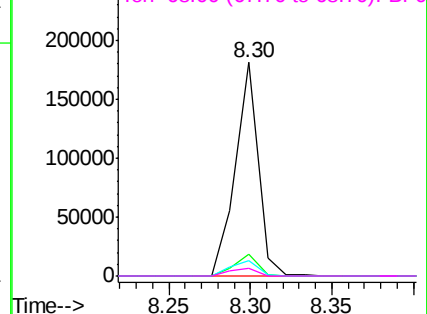
137 10.0 8.4 12.6

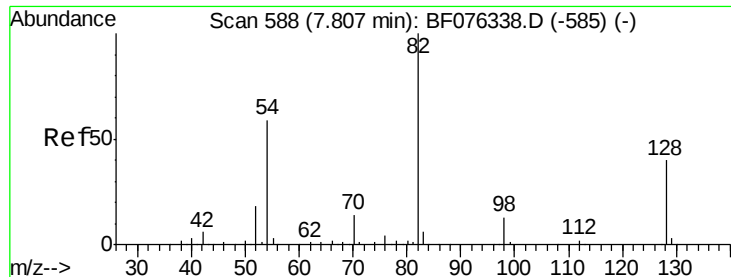
54 6.9 7.8 11.6#

68 3.7 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

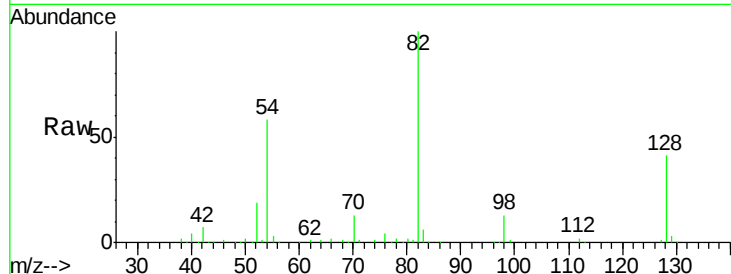




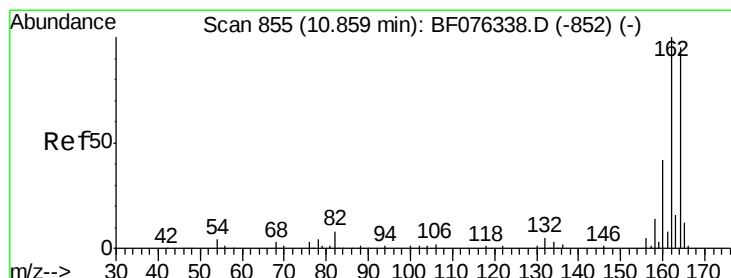
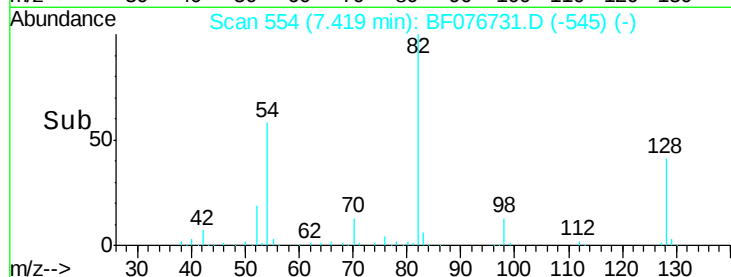
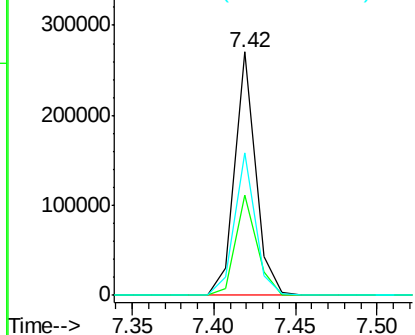
#23
 Nitrobenzene-d5
 Concen: 81.90 ng
 RT: 7.42 min Scan# 554
 Delta R.T. 0.00 min
 Lab File: BF076731.D
 Acq: 2 Jan 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81183BL

Tot Ion	82	Resp	239966
Ion Ratio	Lower	Upper	
82	100		
128	41.3	31.9	47.9
54	58.3	47.2	70.8

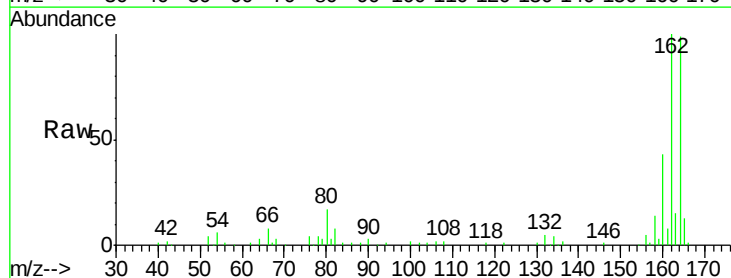


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

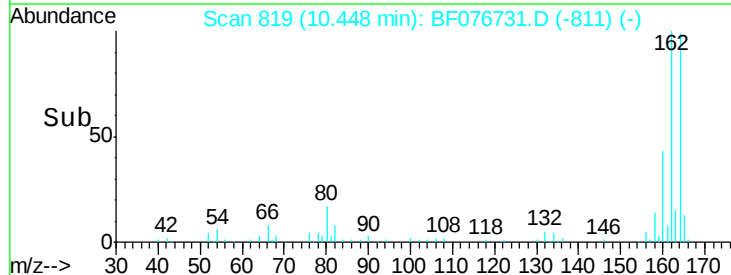
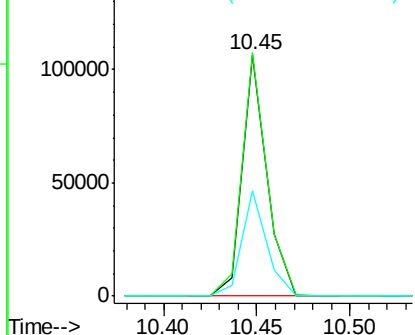


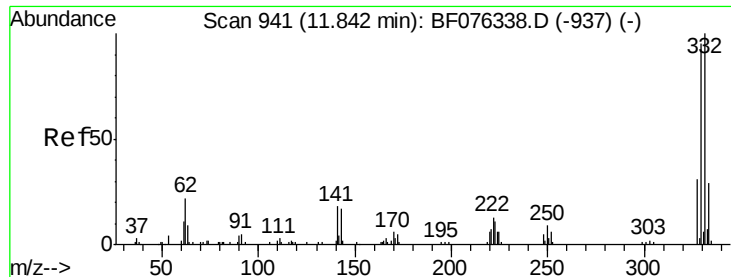
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.45 min Scan# 819
 Delta R.T. -0.01 min
 Lab File: BF076731.D
 Acq: 2 Jan 2015 18:42

Tgt Ion	164	Resp	97610
Ion Ratio	Lower	Upper	
164	100		
162	101.0	84.2	126.2
160	43.6	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

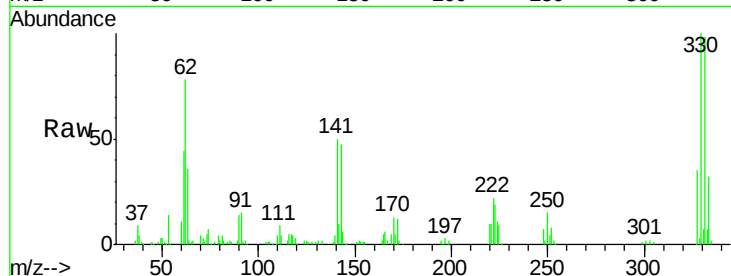




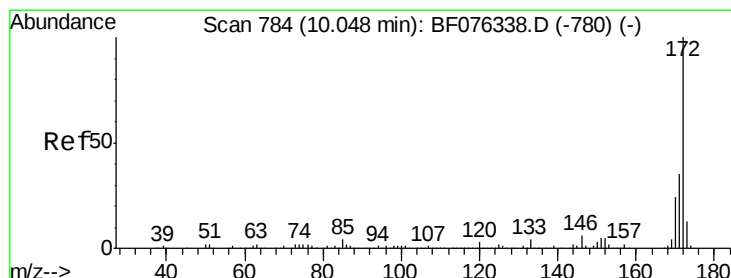
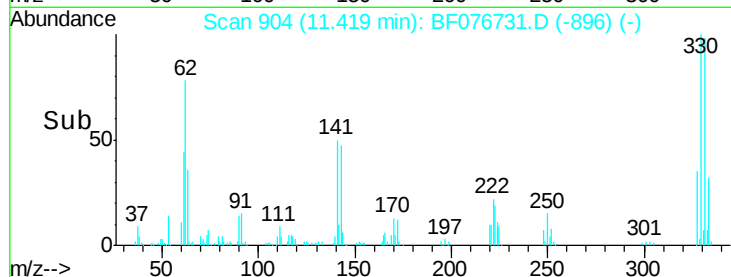
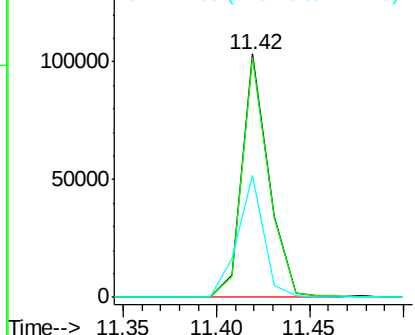
#41
 2,4,6-Tribromophenol
 Concen: 124.94 ng
 RT: 11.42 min Scan# 904
 Delta R.T. -0.01 min
 Lab File: BF076731.D
 Acq: 2 Jan 2015 18:42

Instrument :
 BNA_F
 ClientSampleId :
 PB81183BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	0.0	0.0#
141	49.5	0.0	0.0#

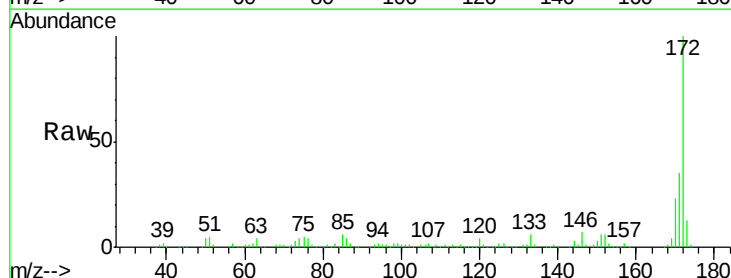


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

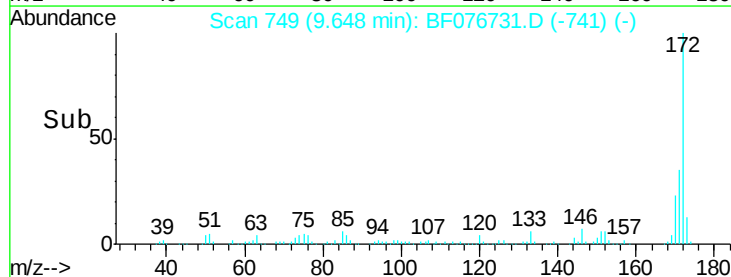
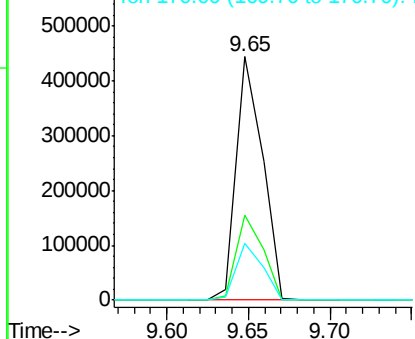


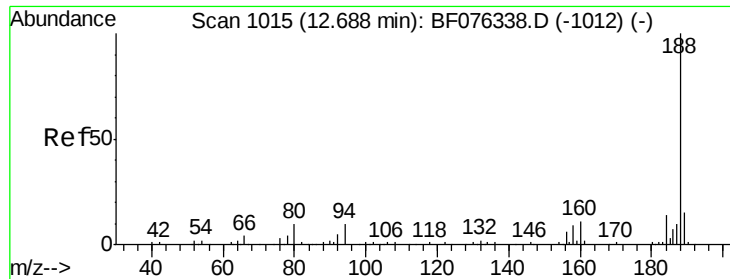
#44
 2-Fluorobiphenyl
 Concen: 79.00 ng
 RT: 9.65 min Scan# 749
 Delta R.T. -0.01 min
 Lab File: BF076731.D
 Acq: 2 Jan 2015 18:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	27.8	41.8
170	23.5	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

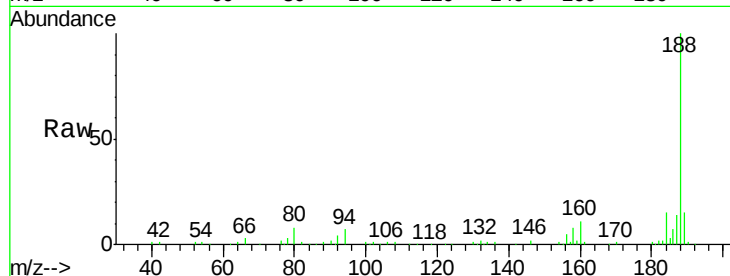




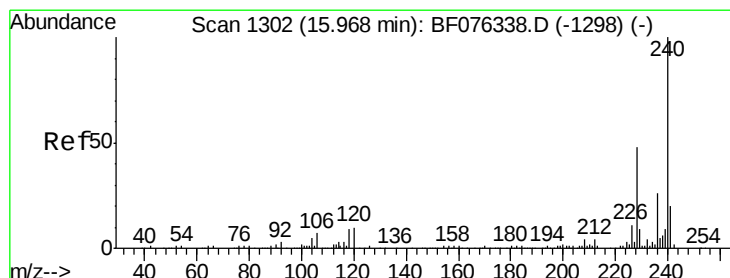
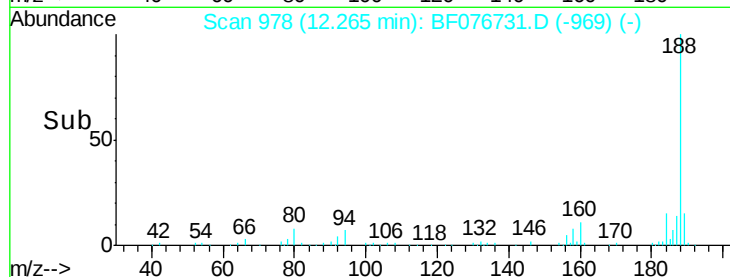
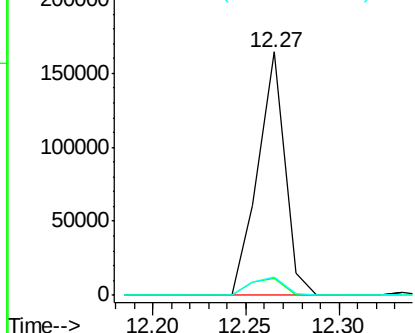
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.27 min Scan# 978
Delta R.T. 0.00 min
Lab File: BF076731.D
Acq: 2 Jan 2015 18:42

Instrument :
BNA_F
ClientSampleId :
PB81183BL

Tot Ion:188 Resp: 165780
Ion Ratio Lower Upper
188 100
94 6.9 7.9 11.9#
80 7.7 8.2 12.2#

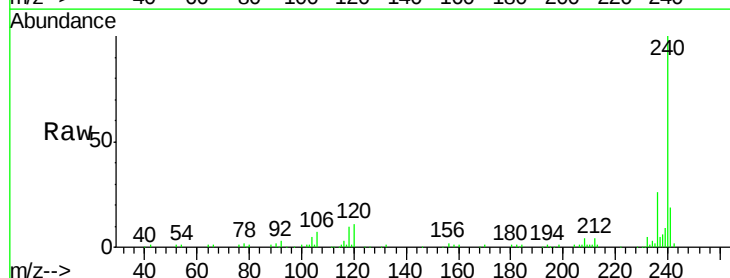


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

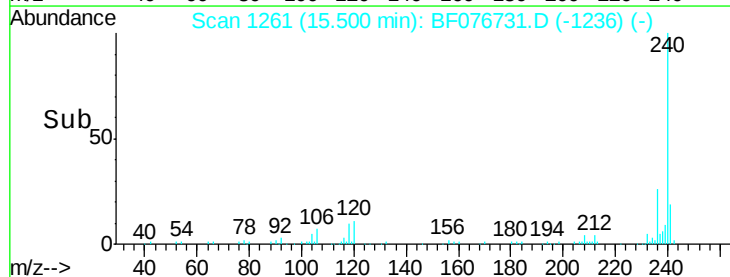
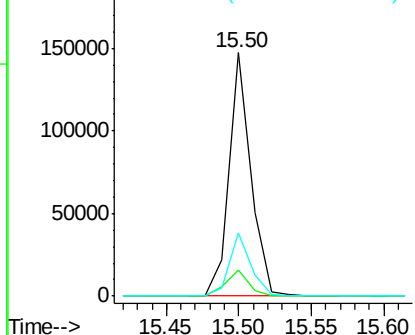


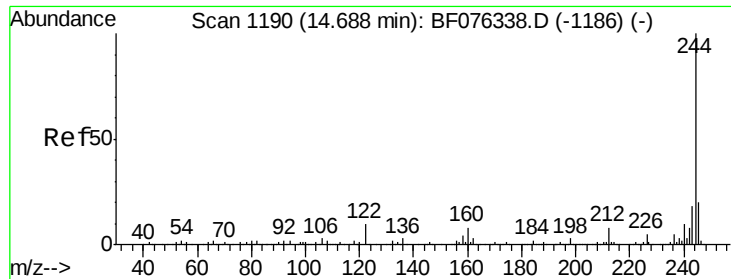
#75
Chrysene-d12
Concen: 20.00 ng
RT: 15.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF076731.D
Acq: 2 Jan 2015 18:42

Tgt Ion:240 Resp: 153943
Ion Ratio Lower Upper
240 100
120 10.8 8.0 12.0
236 26.0 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: 74.69 ng

RT: 14.25 min Scan# 1152

Delta R.T. -0.01 min

Lab File: BF076731.D

Acq: 2 Jan 2015 18:42

Instrument :

BNA_F

ClientSampleId :

PB81183BL

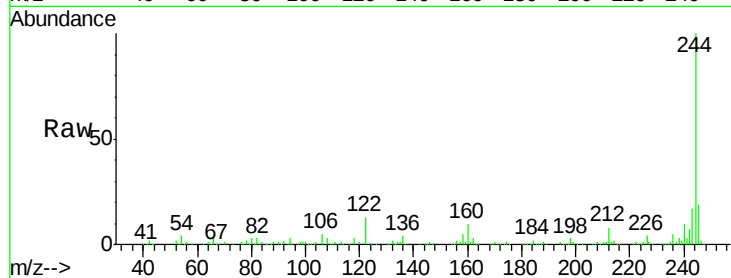
Tot Ion:244 Resp: 521271

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

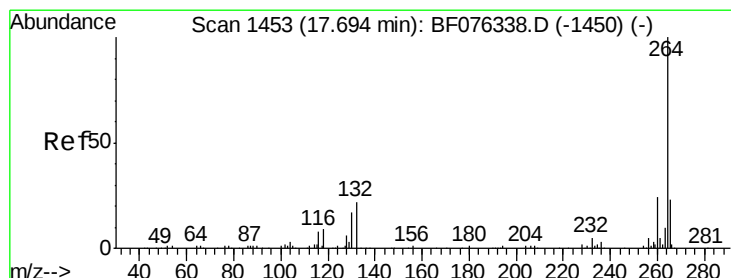
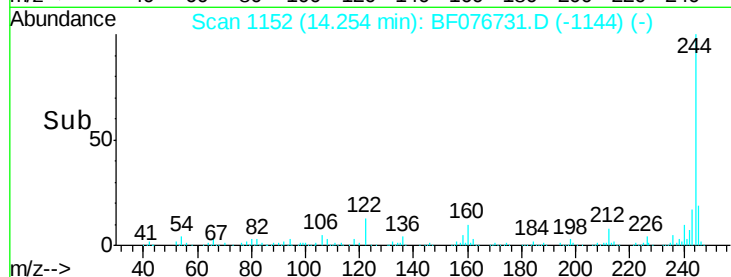
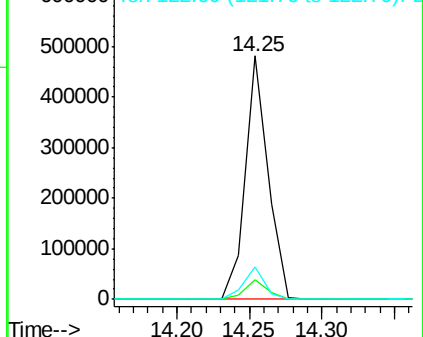
122 13.2 8.2 12.2#



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: 17.16 min Scan# 1406

Delta R.T. -0.06 min

Lab File: BF076731.D

Acq: 2 Jan 2015 18:42

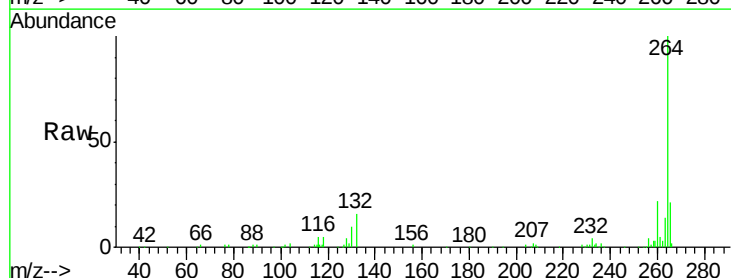
Tgt Ion:264 Resp: 135235

Ion Ratio Lower Upper

264 100

260 22.0 19.4 29.2

265 20.9 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

