

Data Path : V:\HPCHEM1\BNA F\DATA\BF070916\
 Data File : BF088871.D
 Acq On : 9 Jul 2016 15:11
 Operator : UM/SJ
 Sample : H3813-03 25X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-DL002-01

Quant Time: Jul 11 05:38:44 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 08 18:51:20 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	70360	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	269225	20.00	ng	-0.02
38) Acenaphthene-d10	9.75	164	130526	20.00	ng	-0.02
63) Phenanthrene-d10	11.22	188	267026	20.00	ng	-0.02
75) Chrysene-d12	13.85	240	216500	20.00	ng	-0.02
86) Perylene-d12	15.22	264	149271	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	2370	0.50	ng	0.00
7) Phenol-d6	6.39	99	3852	0.63	ng	0.01
23) Nitrobenzene-d5	7.28	82	2077	0.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.54	330	311	0.26	ng	-0.02
44) 2-Fluorobiphenyl	9.07	172	4038	0.49	ng	-0.02
78) Terphenyl-d14	12.81	244	4430	0.46	ng	-0.01

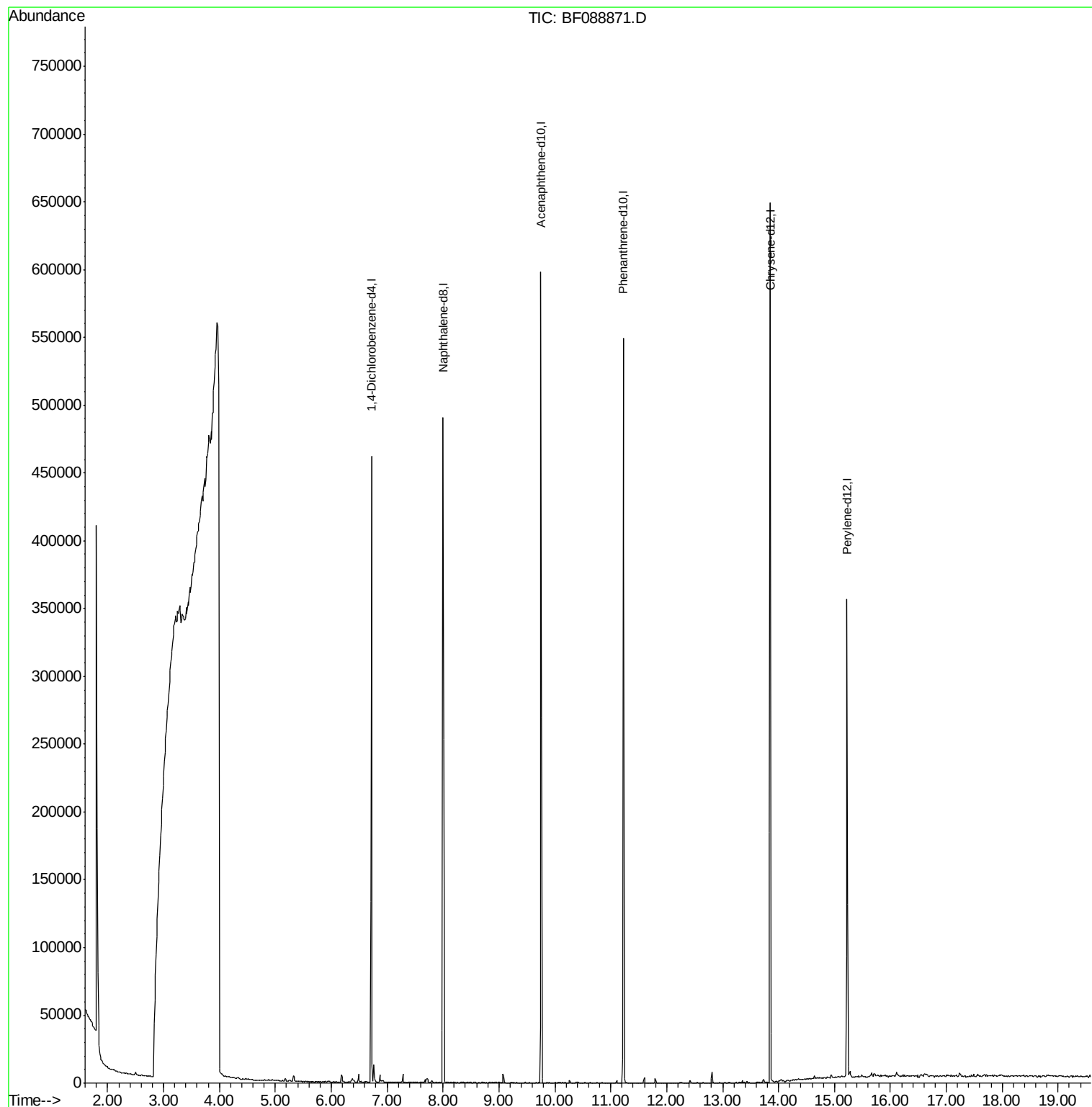
Target Compounds Qvalue

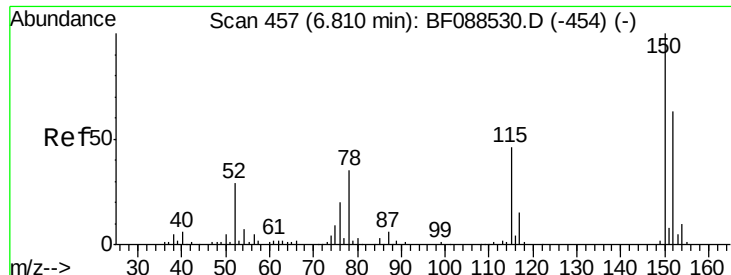
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 449

Delta R.T. -0.01 min

Lab File: BF088871.D

Acq: 9 Jul 2016 15:11

Instrument :

BNA_F

ClientSampleId :

P001-DL002-01

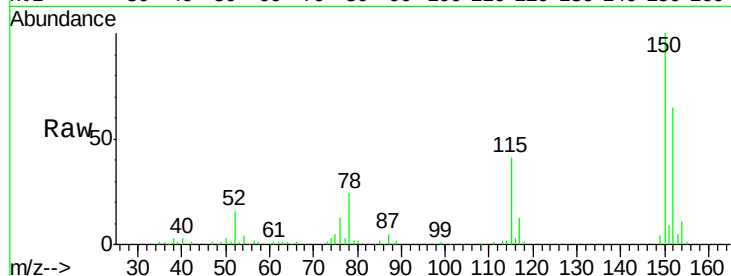
Tot Ion:152 Resp: 70360

Ion Ratio Lower Upper

152 100

150 155.0 123.8 185.6

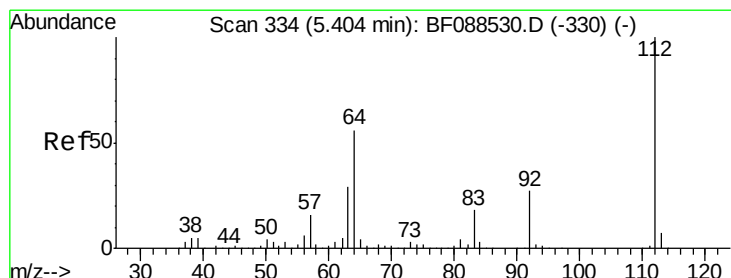
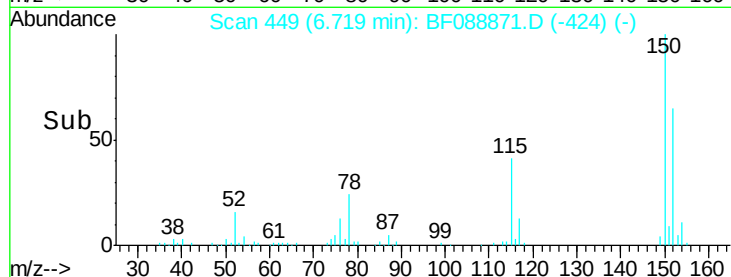
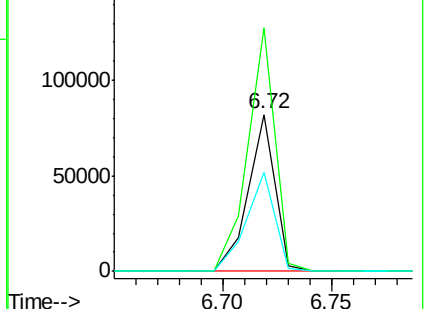
115 63.3 39.6 59.4#



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: 0.50 ng

RT: 5.32 min Scan# 327

Delta R.T. 0.00 min

Lab File: BF088871.D

Acq: 9 Jul 2016 15:11

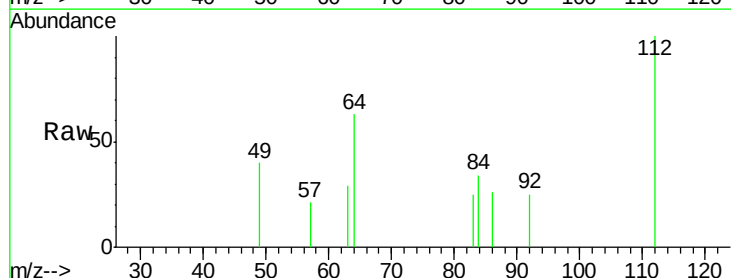
Tgt Ion:112 Resp: 2370

Ion Ratio Lower Upper

112 100

64 62.6 42.2 63.2

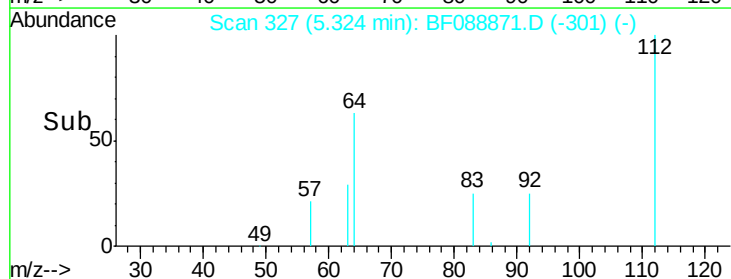
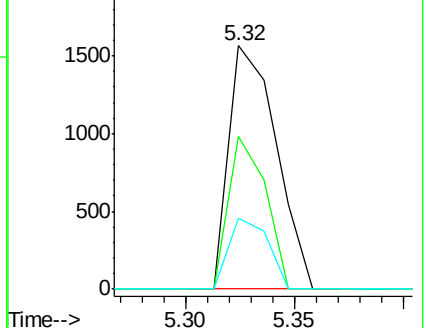
63 29.0 21.8 32.8

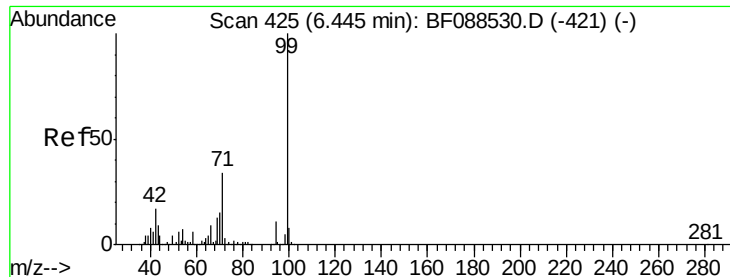


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 0.63 ng

RT: 6.39 min Scan# 420

Delta R.T. 0.01 min

Lab File: BF088871.D

Acq: 9 Jul 2016 15:11

Instrument :

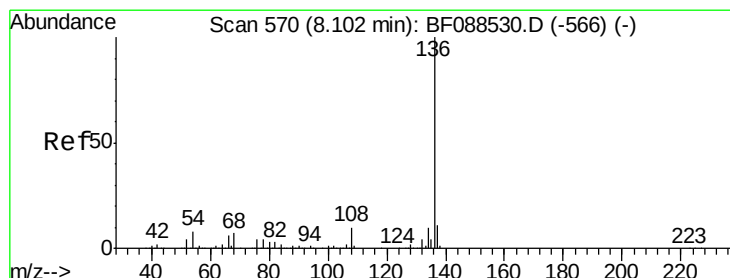
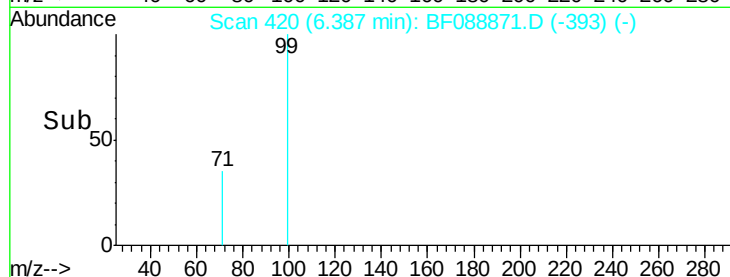
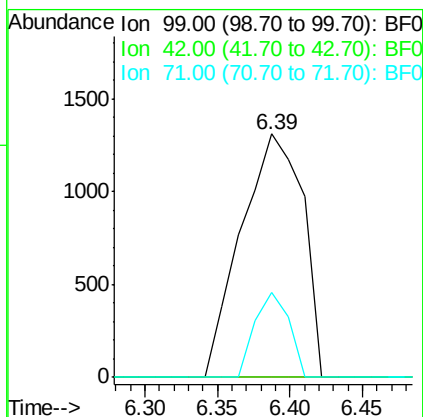
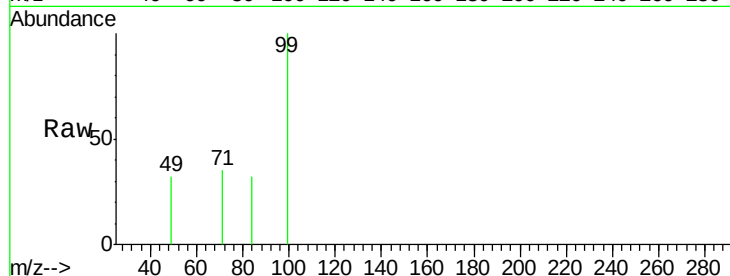
BNA_F

ClientSampleId :

P001-DL002-01

Tot Ion: 99 Resp: 3852

Ion	Ratio	Lower	Upper
99	100		
42	0.0	12.2	18.2#
71	34.8	23.4	35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.00 min Scan# 561

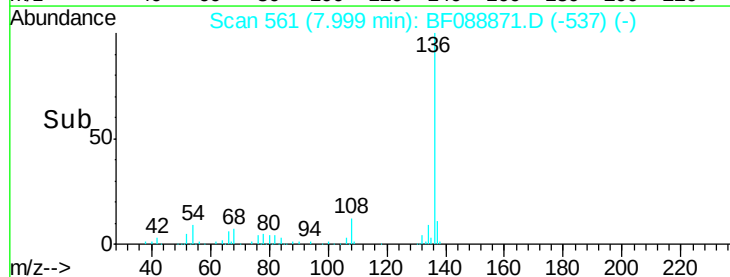
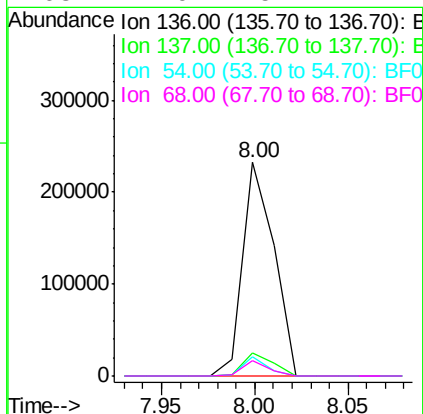
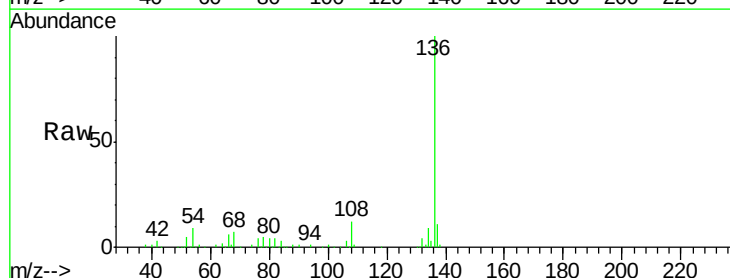
Delta R.T. -0.02 min

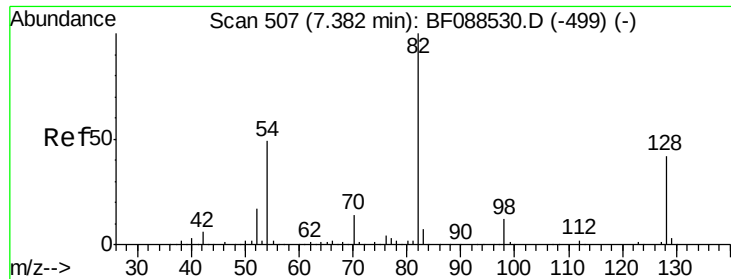
Lab File: BF088871.D

Acq: 9 Jul 2016 15:11

Tgt Ion: 136 Resp: 269225

Ion	Ratio	Lower	Upper
136	100		
137	11.0	9.1	13.7
54	8.9	6.6	10.0
68	7.0	5.1	7.7



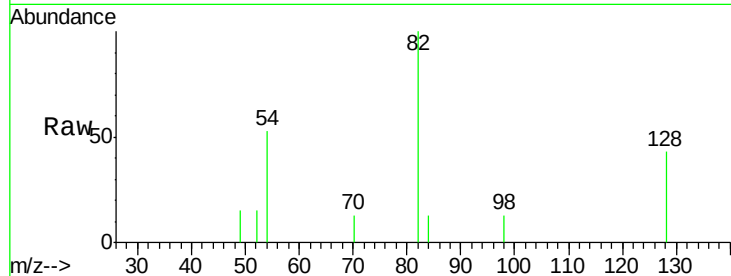


#23
 Nitrobenzene-d5
 Concen: 0.40 ng
 RT: 7.28 min Scan# 498
 Delta R.T. -0.02 min
 Lab File: BF088871.D
 Acq: 9 Jul 2016 15:11

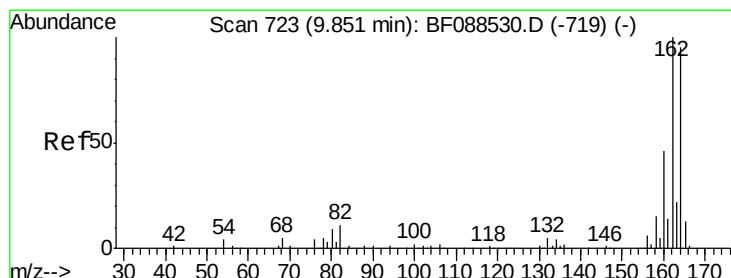
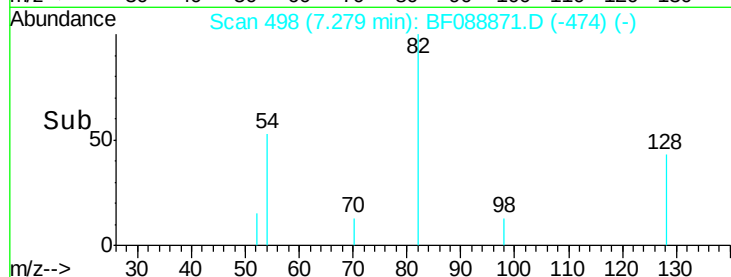
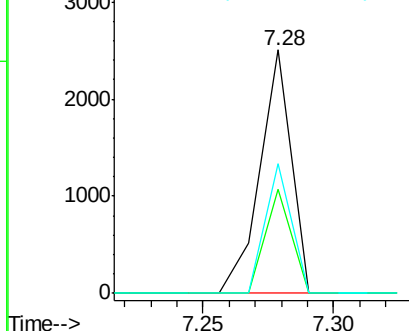
Instrument :
 BNA_F
 ClientSampleId :
 P001-DL002-01

Tot Ion: 82 Resp: 2077

Ion	Ratio	Lower	Upper
82	100		
128	42.6	35.9	53.9
54	53.5	40.9	61.3



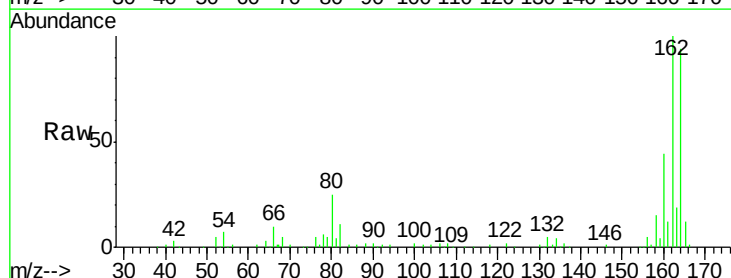
Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0



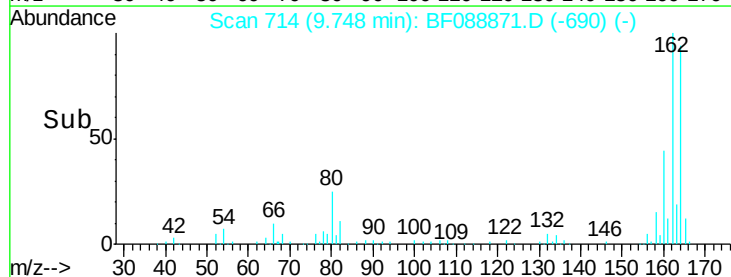
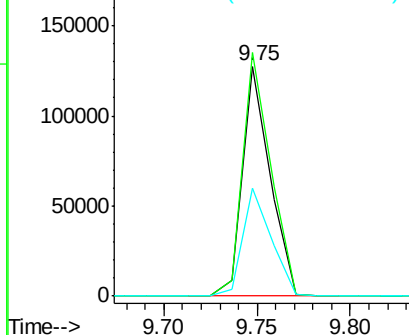
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 714
 Delta R.T. -0.02 min
 Lab File: BF088871.D
 Acq: 9 Jul 2016 15:11

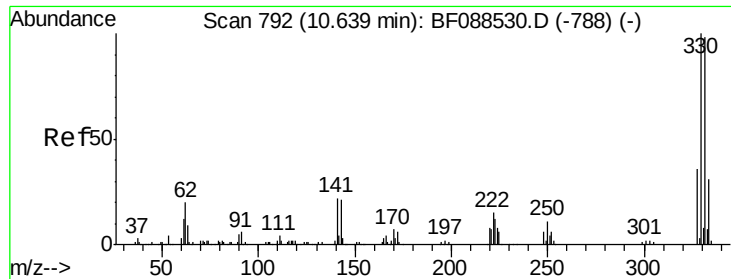
Tgt Ion: 164 Resp: 130526

Ion	Ratio	Lower	Upper
164	100		
162	105.9	85.4	128.2
160	47.1	39.5	59.3



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

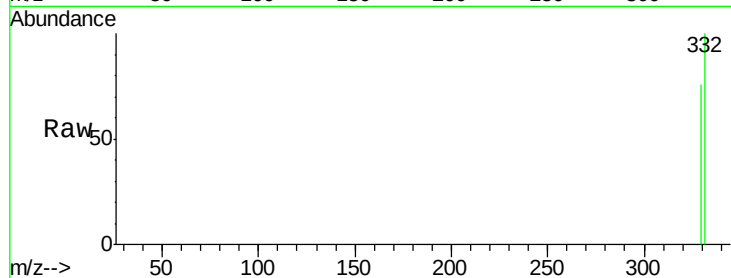




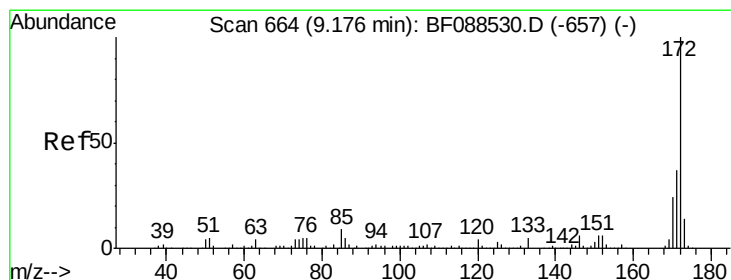
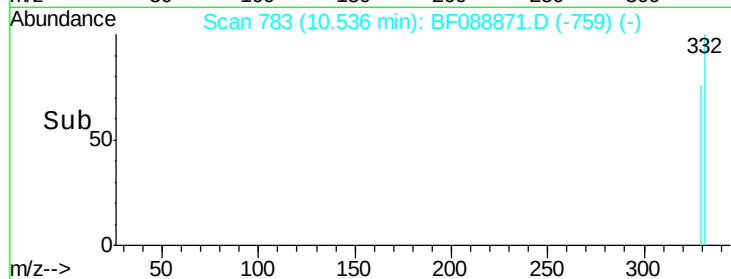
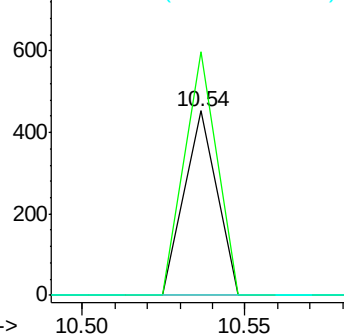
#41
 2,4,6-Tribromophenol
 Concen: 0.26 ng
 RT: 10.54 min Scan# 783
 Delta R.T. -0.02 min
 Lab File: BF088871.D
 Acq: 9 Jul 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 P001-DL002-01

Tot Ion	Ratio	Lower	Upper
330	100		
332	131.8	0.0	0.0#
141	0.0	0.0	0.0

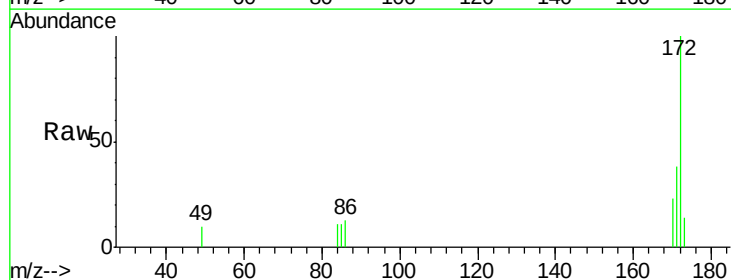


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

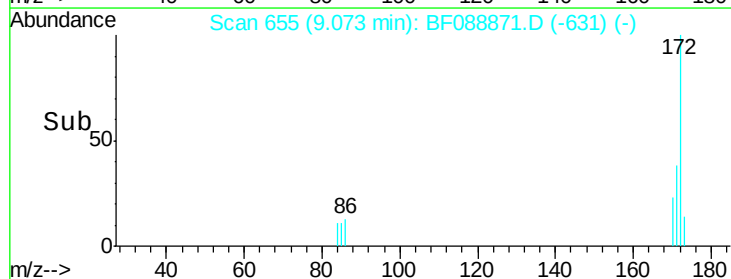
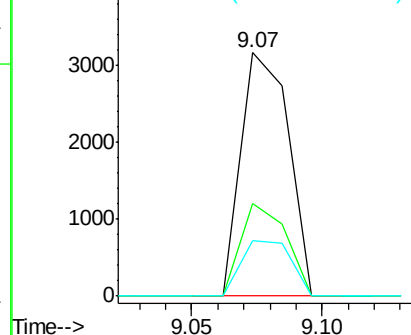


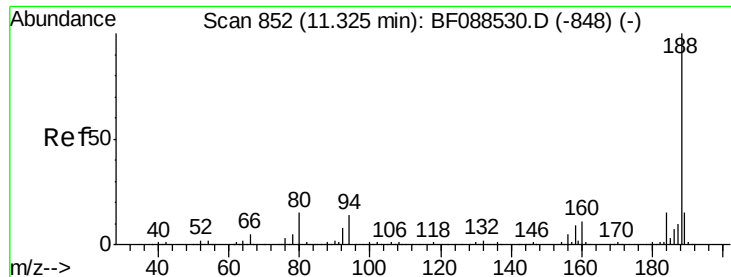
#44
 2-Fluorobiphenyl
 Concen: 0.49 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.02 min
 Lab File: BF088871.D
 Acq: 9 Jul 2016 15:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	28.6	43.0
170	22.6	19.2	28.8



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

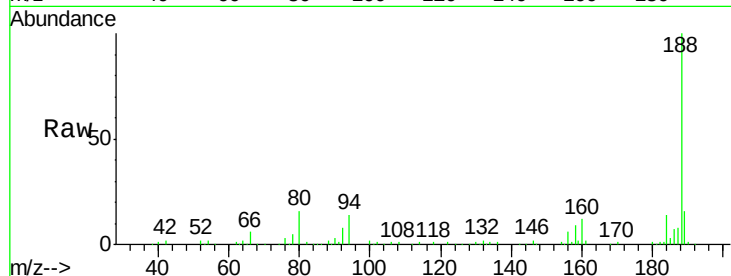




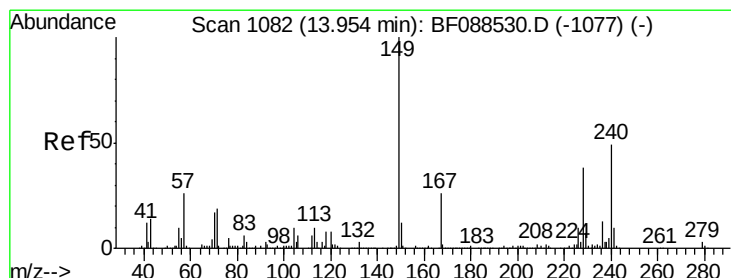
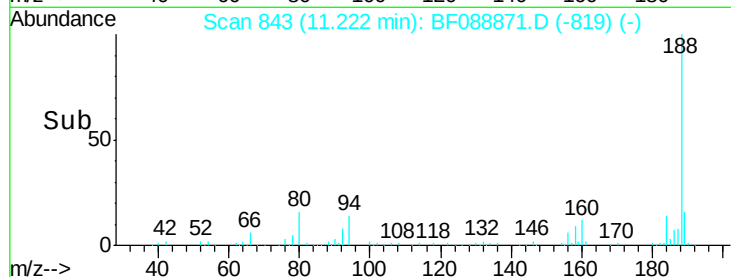
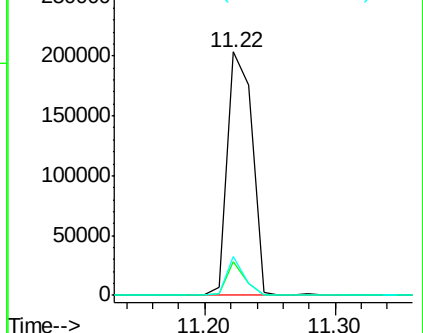
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.22 min Scan# 843
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Instrument :
BNA_F
ClientSampleId :
P001-DL002-01

Tot Ion:188 Resp: 267026
Ion Ratio Lower Upper
188 100
94 13.6 9.0 13.6#
80 15.9 10.0 15.0#

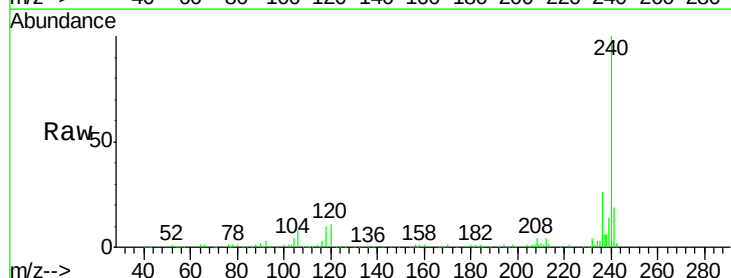


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

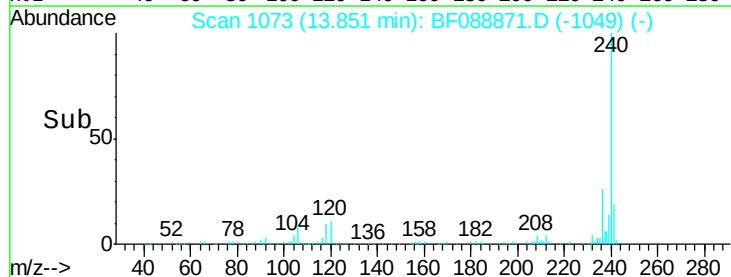
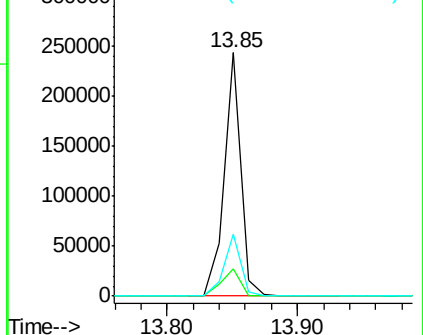


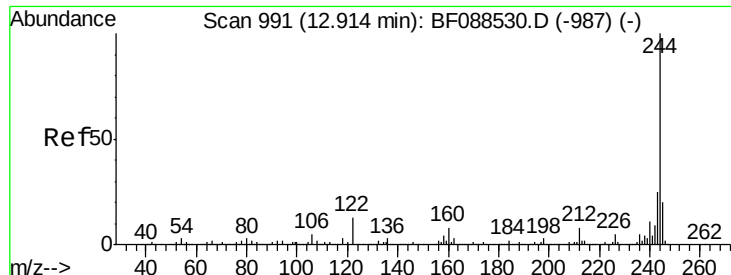
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1073
Delta R.T. -0.02 min
Lab File: BF088871.D
Acq: 9 Jul 2016 15:11

Tgt Ion:240 Resp: 216500
Ion Ratio Lower Upper
240 100
120 11.0 6.8 10.2#
236 25.7 20.2 30.2



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

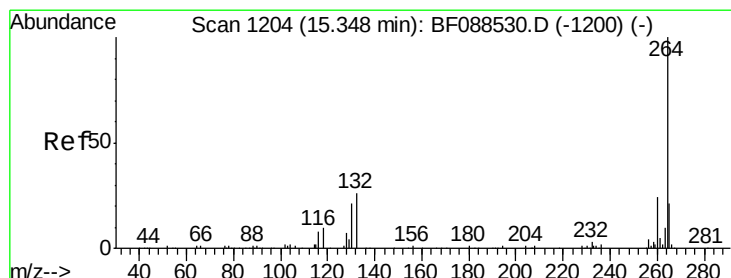
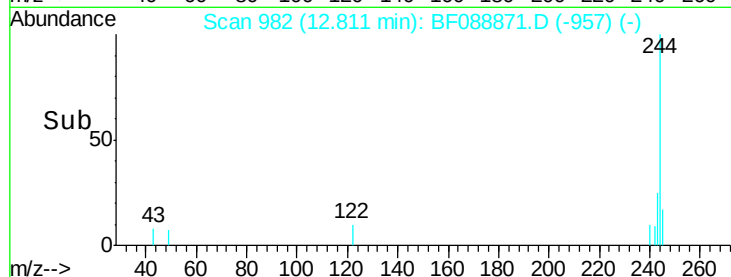
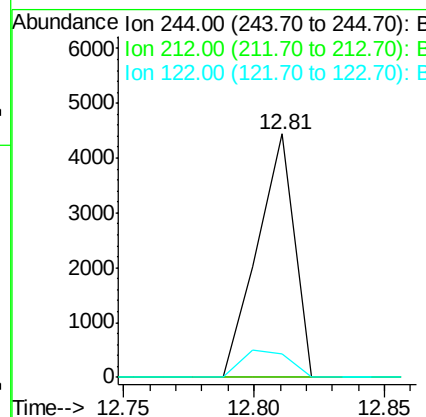
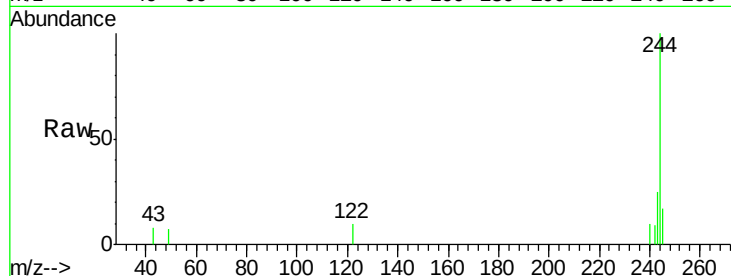




#78
 Terphenyl-d14
 Concen: 0.46 ng
 RT: 12.81 min Scan# 982
 Delta R.T. -0.01 min
 Lab File: BF088871.D
 Acq: 9 Jul 2016 15:11

Instrument :
 BNA_F
 ClientSampleId :
 P001-DL002-01

Tot Ion:244 Resp: 4430
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 9.6 11.2 16.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.22 min Scan# 1193
 Delta R.T. -0.02 min
 Lab File: BF088871.D
 Acq: 9 Jul 2016 15:11

Tgt Ion:264 Resp: 149271
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.2 16.9 25.3

