

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122415\
 Data File : BF084088.D
 Acq On : 24 Dec 2015 19:31
 Operator : UM/SJ
 Sample : PB87482BL
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Quant Time: Dec 25 04:24:44 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122415.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 24 16:48:39 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	50021	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	182823	20.00	ng	0.00
38) Acenaphthene-d10	9.84	164	93427	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	167897	20.00	ng	0.00
75) Chrysene-d12	13.95	240	129056	20.00	ng	-0.01
86) Perylene-d12	15.38	264	93624	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	265001	89.82	ng	0.01
7) Phenol-d6	6.45	99	339865	93.09	ng	0.00
23) Nitrobenzene-d5	7.36	82	186818	59.81	ng	-0.01
41) 2,4,6-Tribromophenol	10.62	330	92473	92.82	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	434328	63.61	ng	0.00
78) Terphenyl-d14	12.90	244	382292	53.60	ng	0.00

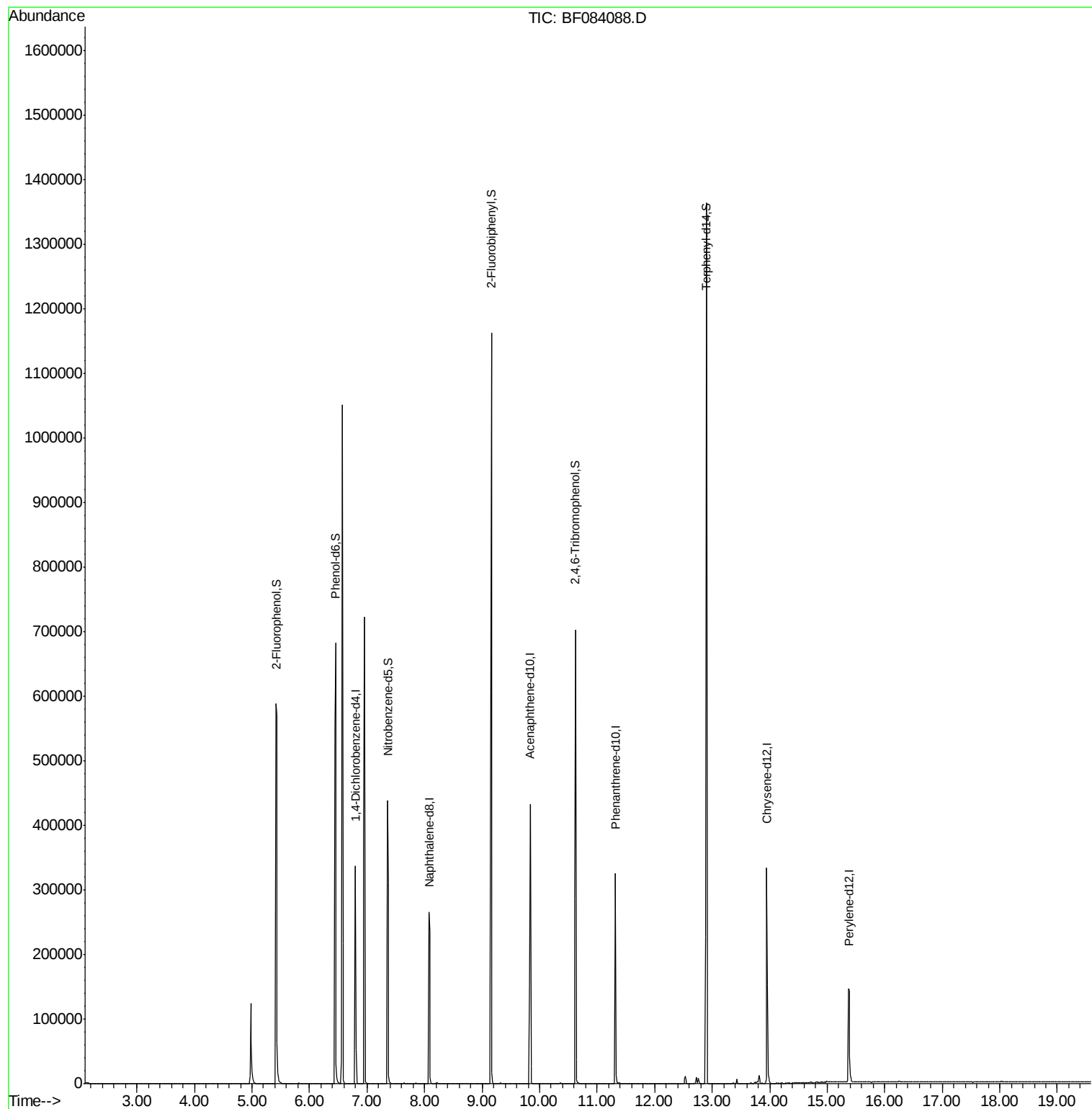
Target Compounds Qvalue

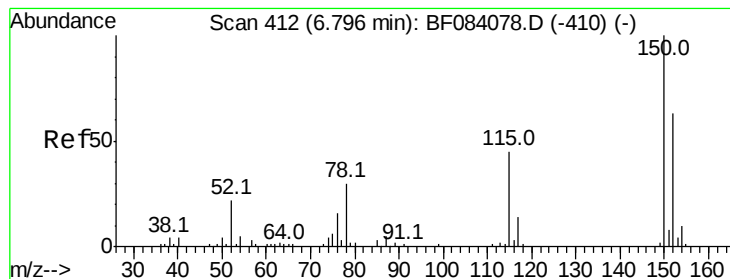
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.80 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB87482BL

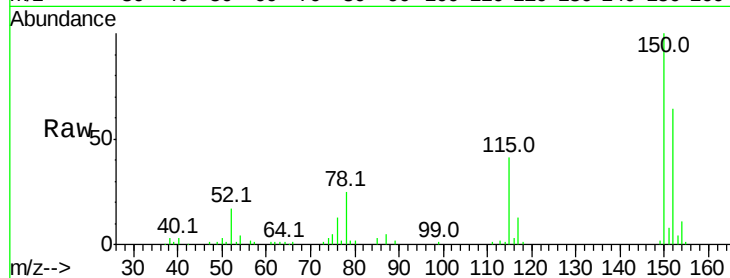
Tot Ion:152 Resp: 50021

Ion Ratio Lower Upper

152 100

150 156.8 123.0 184.4

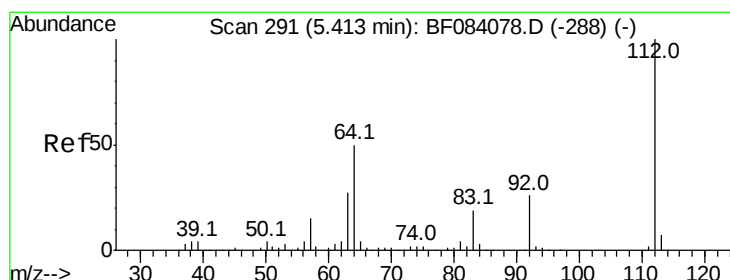
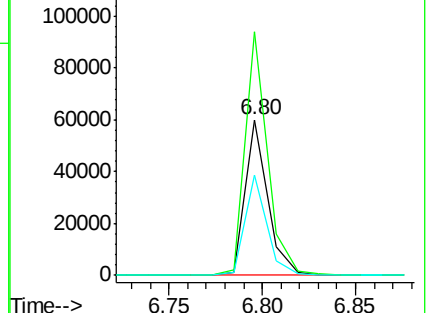
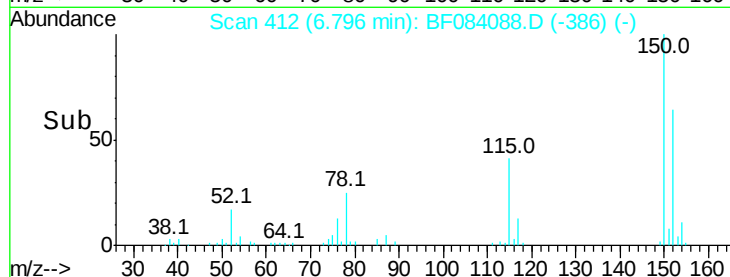
115 64.2 51.4 77.2



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: 89.82 ng

RT: 5.42 min Scan# 292

Delta R.T. 0.01 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

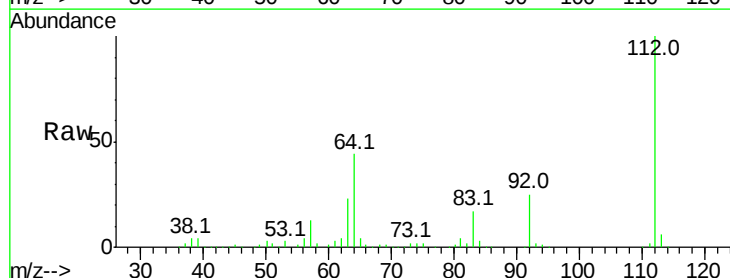
Tgt Ion:112 Resp: 265001

Ion Ratio Lower Upper

112 100

64 44.2 36.6 55.0

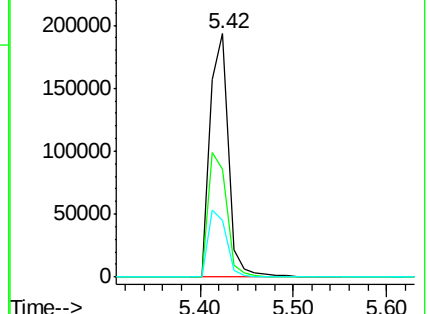
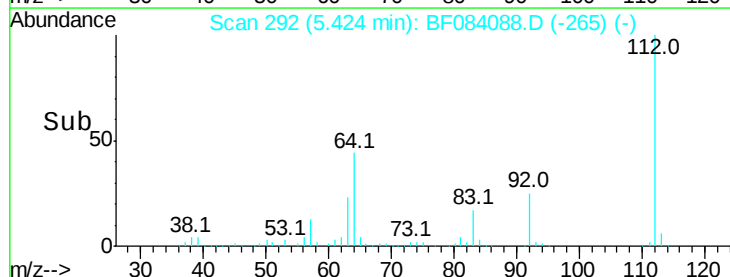
63 23.1 19.4 29.0

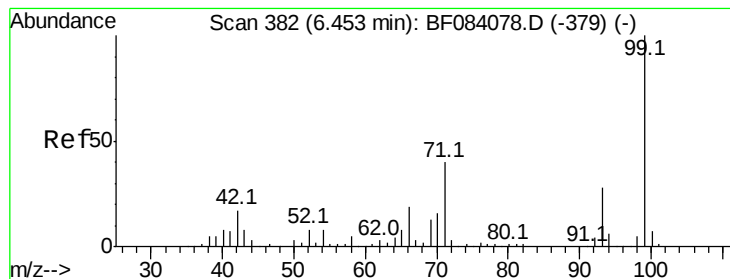


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 93.09 ng

RT: 6.45 min Scan# 382

Delta R.T. 0.00 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

Instrument :

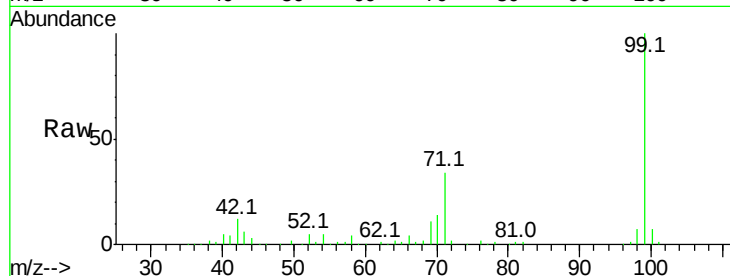
BNA_F

ClientSampleId :

PB87482BL

Tot Ion: 99 Resp: 339865

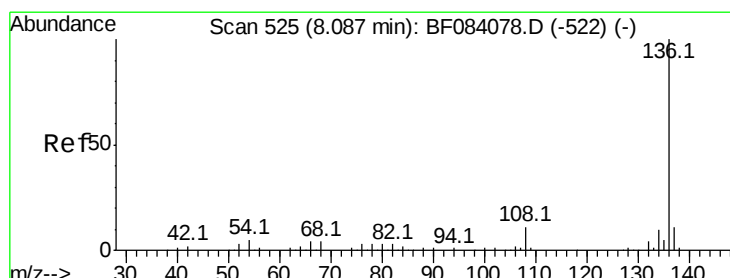
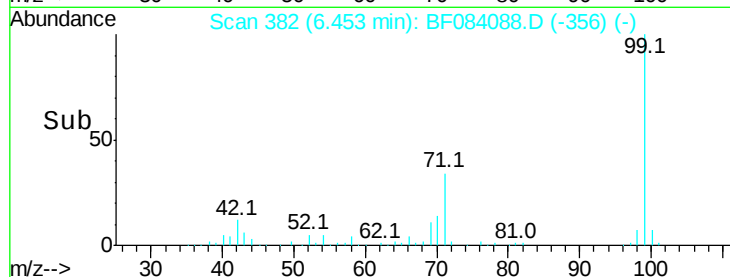
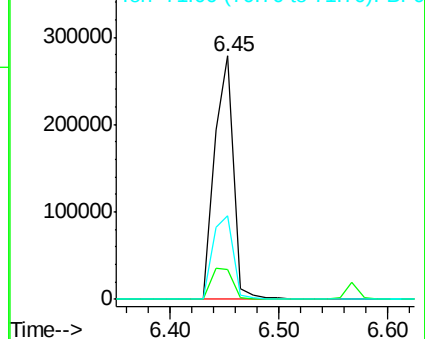
Ion	Ratio	Lower	Upper
99	100		
42	12.1	12.8	19.2#
71	34.3	30.9	46.3



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: 8.09 min Scan# 525

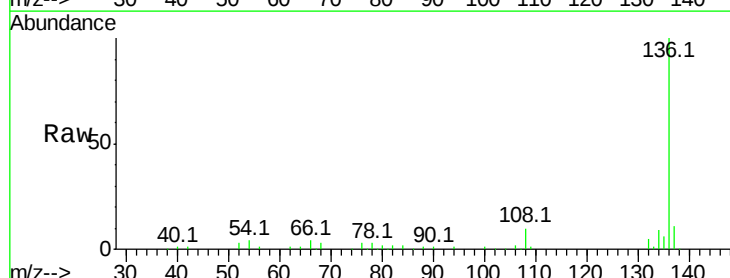
Delta R.T. 0.00 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

Tgt Ion: 136 Resp: 182823

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	4.1	5.8	8.8#
68	3.3	4.2	6.2#

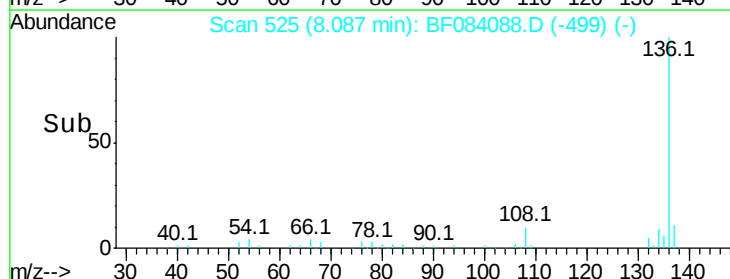
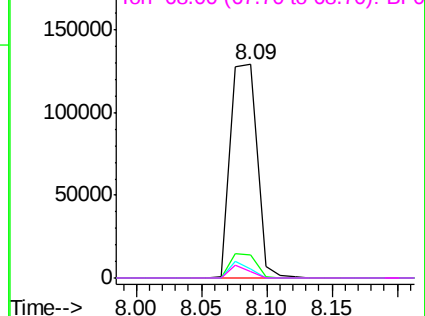


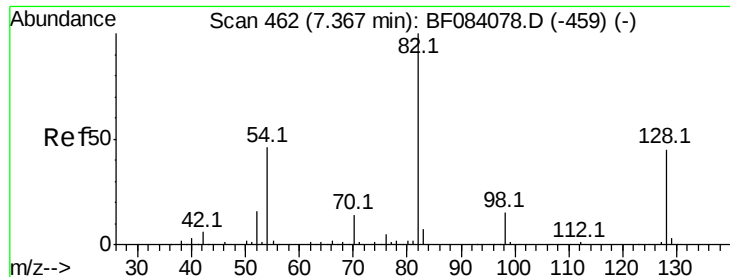
Abundance Ion 136.00 (135.70 to 136.70): E

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: 59.81 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.01 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

Instrument :

BNA_F

ClientSampleId :

PB87482BL

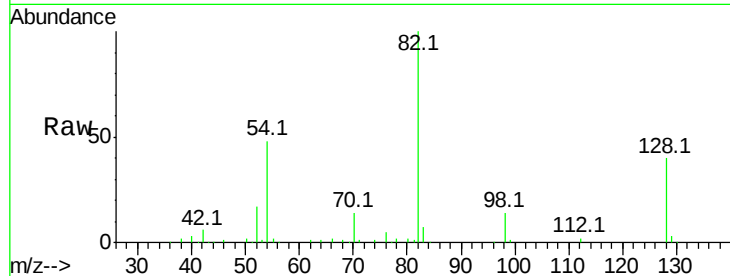
Tot Ion: 82 Resp: 186818

Ion Ratio Lower Upper

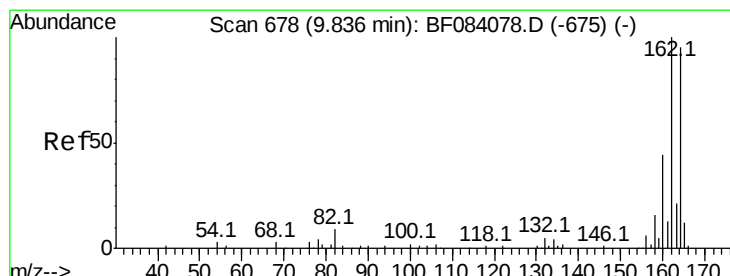
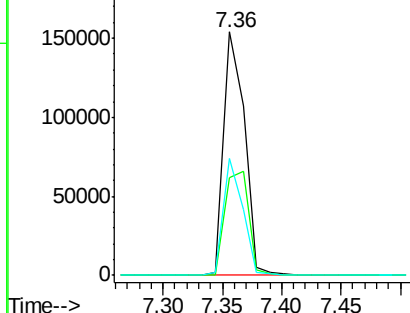
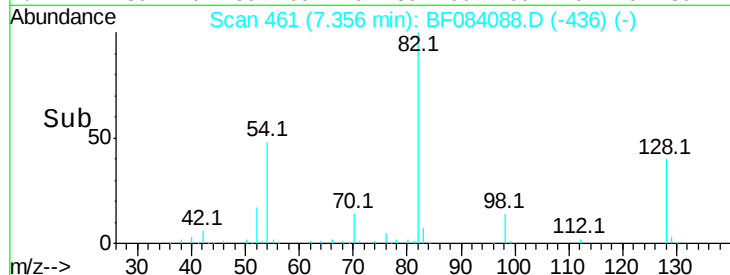
82 100

128 39.9 34.6 51.8

54 48.1 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: 9.84 min Scan# 678

Delta R.T. 0.00 min

Lab File: BF084088.D

Acq: 24 Dec 2015 19:31

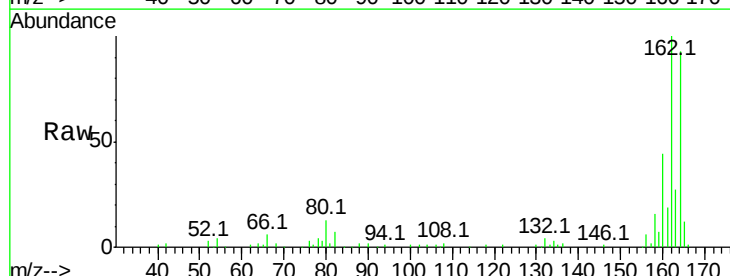
Tgt Ion:164 Resp: 93427

Ion Ratio Lower Upper

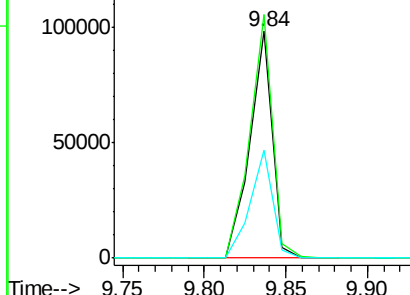
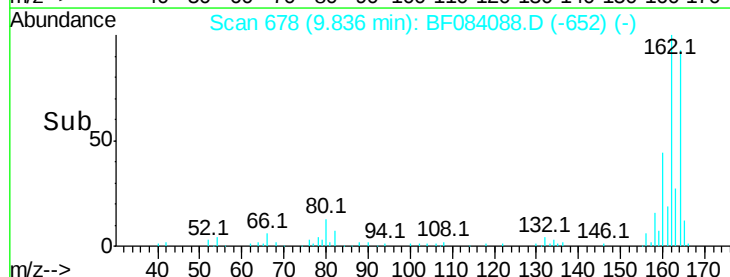
164 100

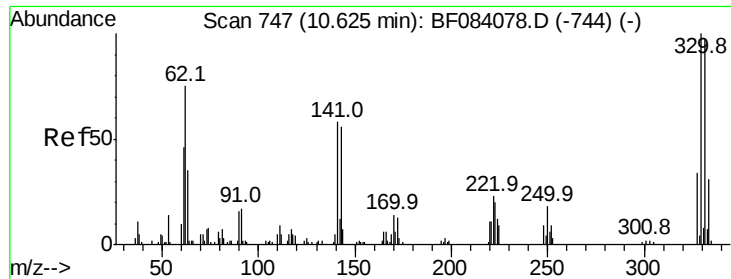
162 107.5 85.1 127.7

160 47.5 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

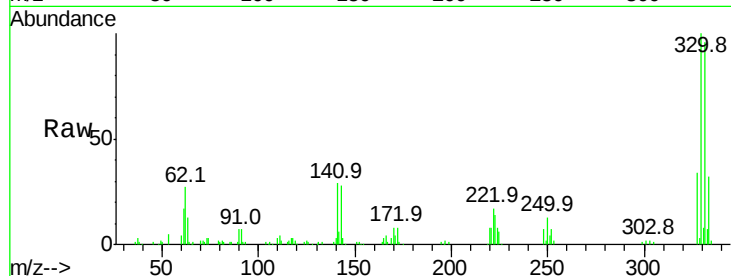




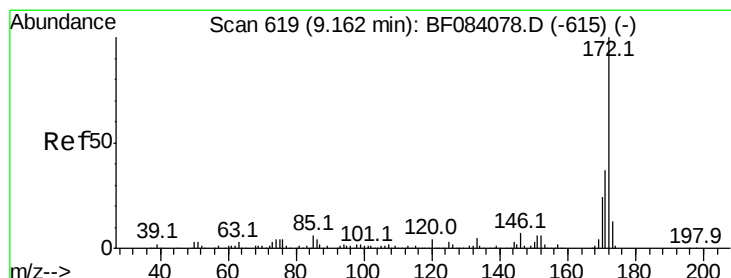
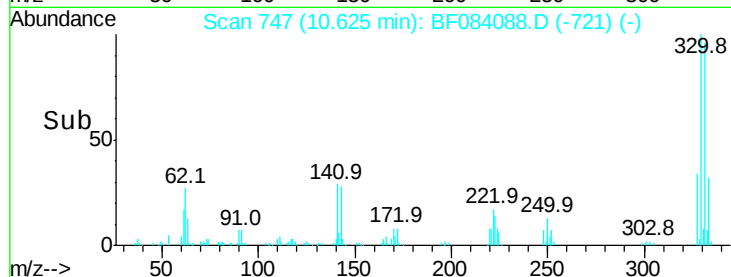
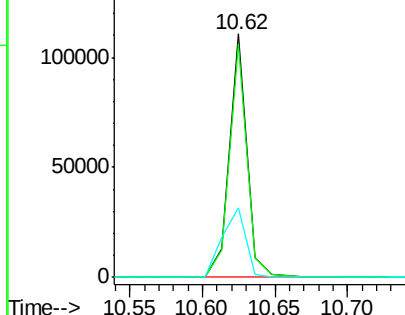
#41
 2,4,6-Tribromophenol
 Concen: 92.82 ng
 RT: 10.62 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Tot Ion:330 Resp: 92473
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 38.3 27.8 41.6

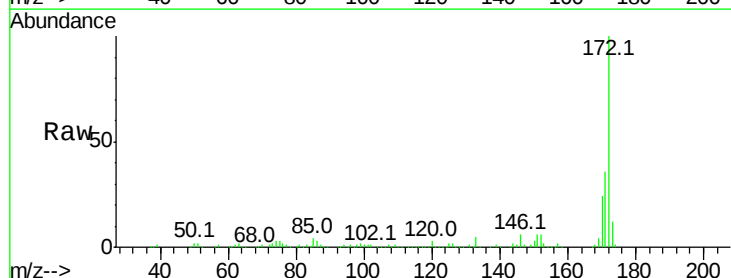


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

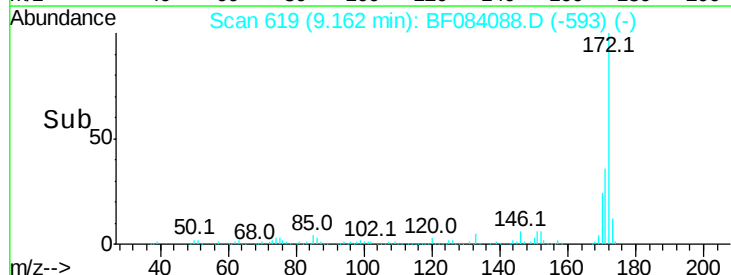
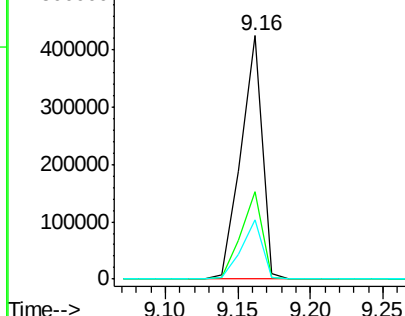


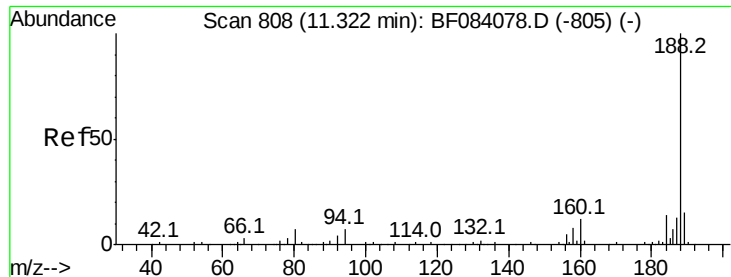
#44
 2-Fluorobiphenyl
 Concen: 63.61 ng
 RT: 9.16 min Scan# 619
 Delta R.T. 0.00 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Tgt Ion:172 Resp: 434328
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.9 43.3
 170 24.1 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

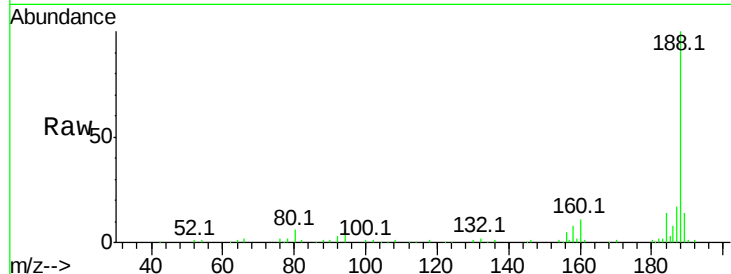




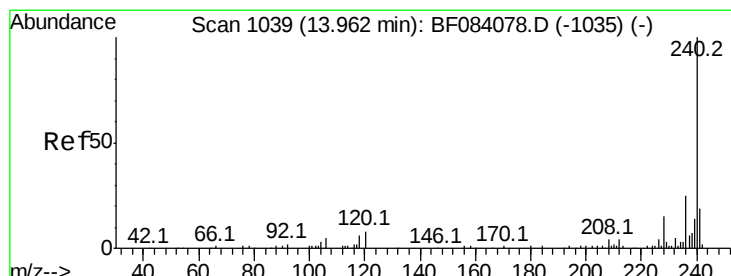
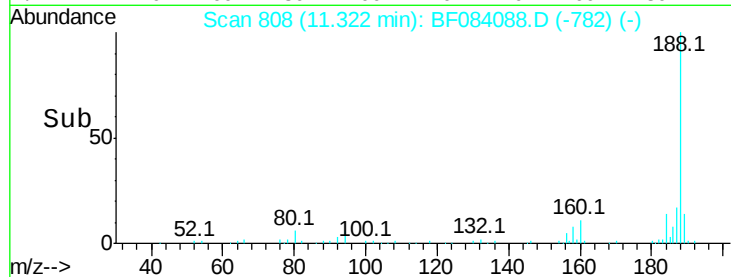
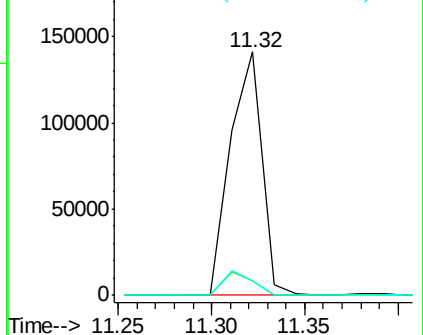
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. 0.00 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Instrument :
BNA_F
ClientSampleId :
PB87482BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	6.0	9.0	13.4#
80	5.9	9.6	14.4#

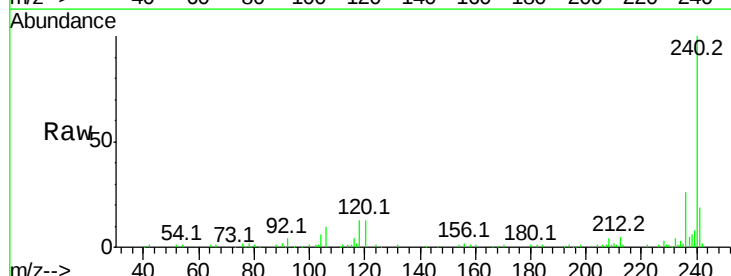


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

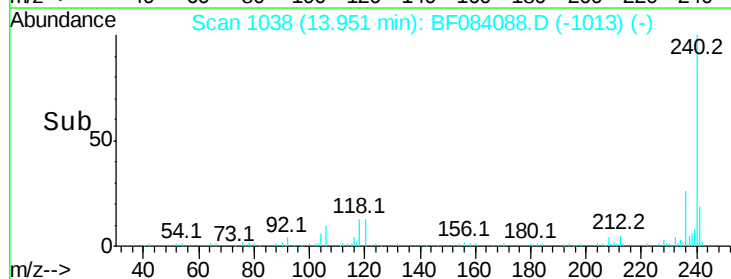
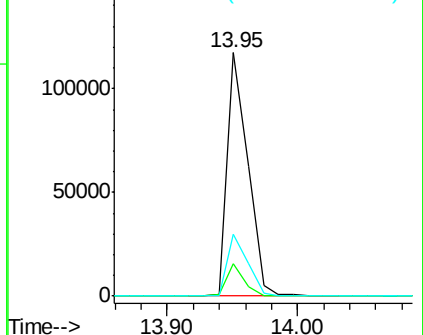


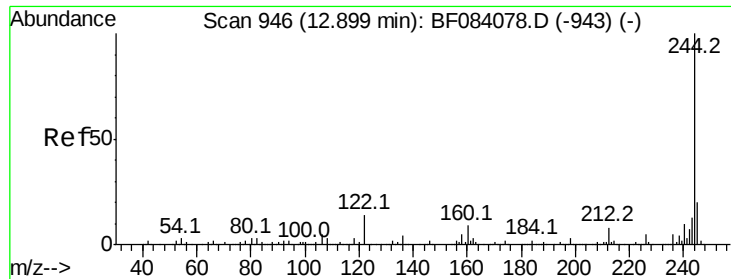
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.95 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF084088.D
Acq: 24 Dec 2015 19:31

Tgt Ion	Ratio	Lower	Upper
240	100		
120	13.5	9.5	14.3
236	25.6	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

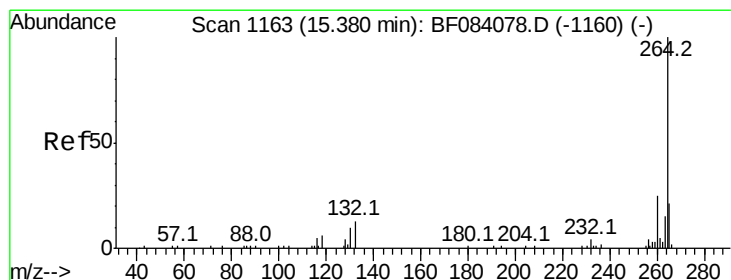
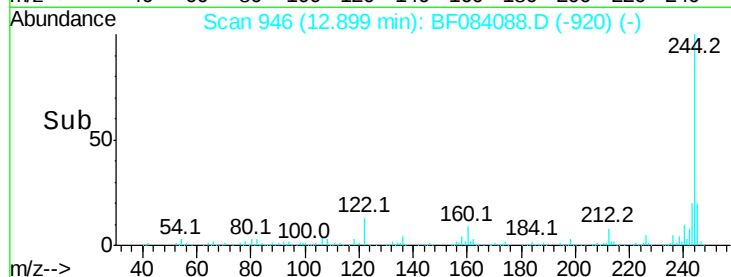
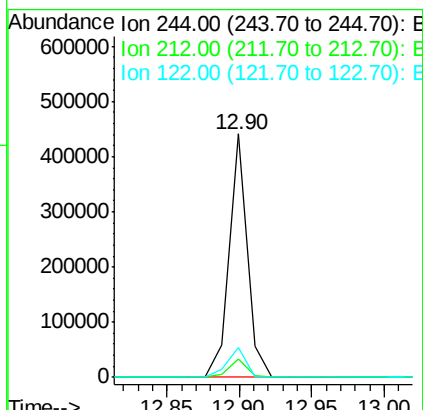
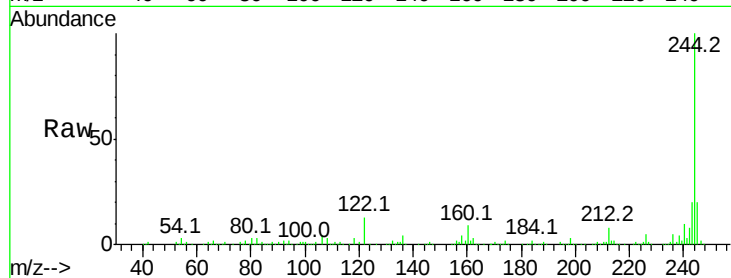




#78
 Terphenyl-d14
 Concen: 53.60 ng
 RT: 12.90 min Scan# 946
 Delta R.T. 0.00 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Instrument :
 BNA_F
 ClientSampleId :
 PB87482BL

Tot Ion:244 Resp: 382292
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 12.5 7.4 11.0#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.38 min Scan# 1163
 Delta R.T. 0.00 min
 Lab File: BF084088.D
 Acq: 24 Dec 2015 19:31

Tgt Ion:264 Resp: 93624
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.4 29.2
 265 21.0 17.8 26.6

