

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042916\
 Data File : BF086489.D
 Acq On : 29 Apr 2016 13:50
 Operator : UM/SJ
 Sample : H2741-03
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-1

Quant Time: Apr 29 15:41:16 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 29 15:23:48 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	150154	20.00	ng	-0.01
21) Naphthalene-d8	8.06	136	640743	20.00	ng	0.00
38) Acenaphthene-d10	9.81	164	199967	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	530806	20.00	ng	0.00
75) Chrysene-d12	13.93	240	253970	20.00	ng	-0.01
86) Perylene-d12	15.32	264	7747	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	856564	98.40	ng	0.01
7) Phenol-d6	6.41	99	827409	68.10	ng	-0.01
23) Nitrobenzene-d5	7.34	82	849773	71.49	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	329781	156.38	ng	-0.01
44) 2-Fluorobiphenyl	9.14	172	1273981	121.44	ng	-0.01
78) Terphenyl-d14	12.89	244	1229859	106.69	ng	0.00

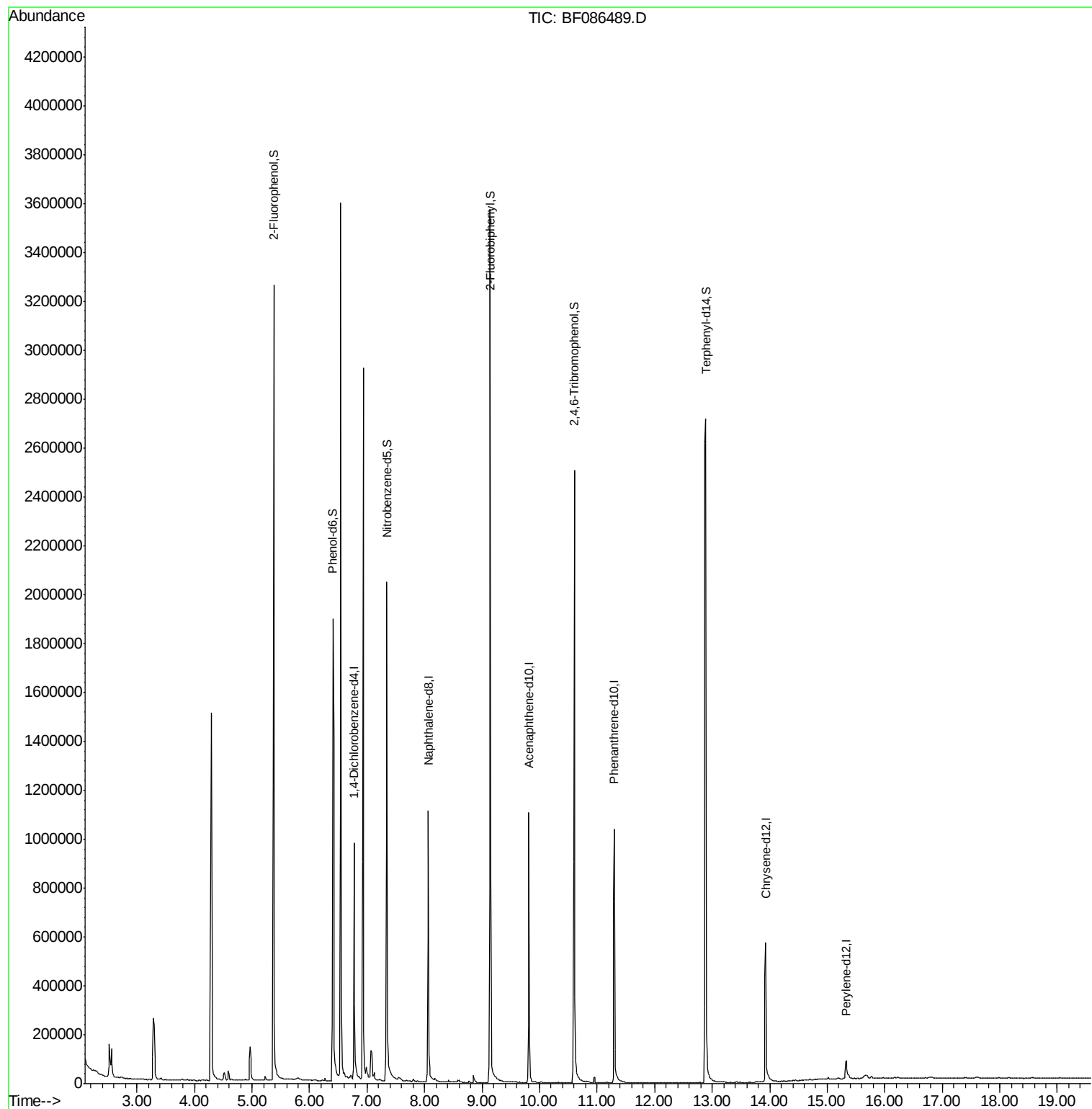
Target Compounds Qvalue

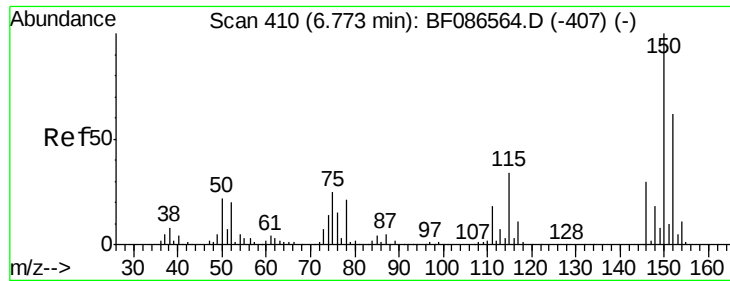
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.77 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086489.D

Acq: 29 Apr 2016 13:50

Instrument :

BNA_F

ClientSampleId :

WC-1

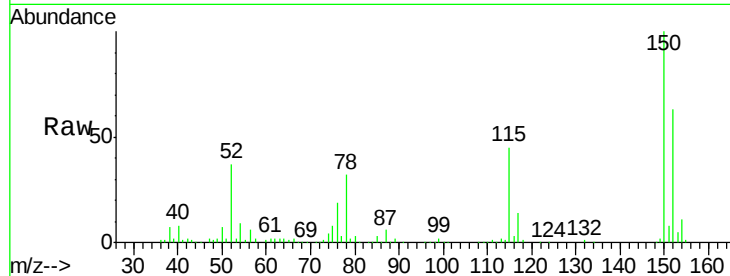
Tot Ion:152 Resp: 150154

Ion Ratio Lower Upper

152 100

150 157.9 125.8 188.6

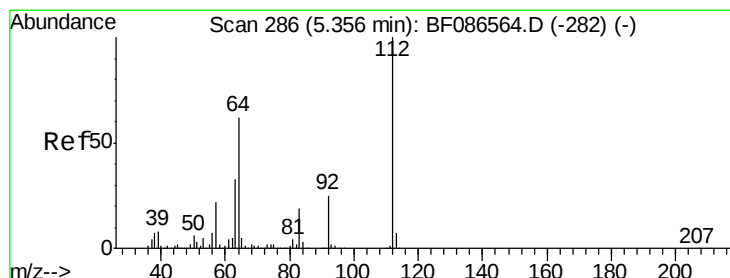
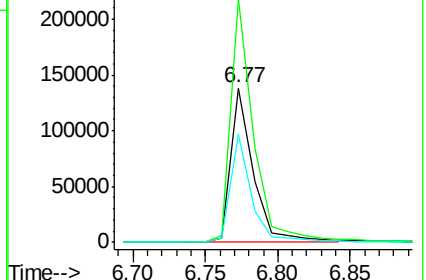
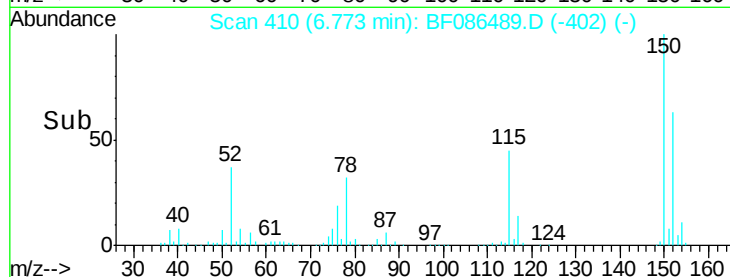
115 70.3 51.5 77.3



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: 98.40 ng

RT: 5.38 min Scan# 288

Delta R.T. 0.01 min

Lab File: BF086489.D

Acq: 29 Apr 2016 13:50

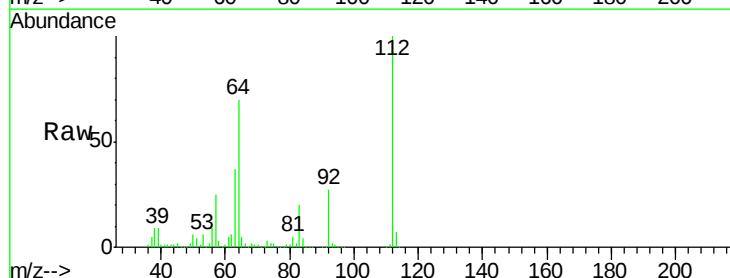
Tgt Ion:112 Resp: 856564

Ion Ratio Lower Upper

112 100

64 69.7 52.1 78.1

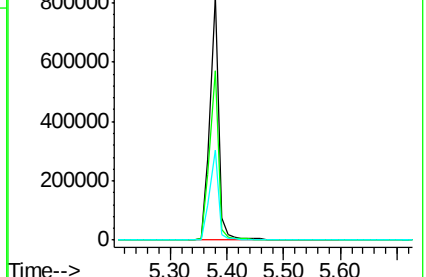
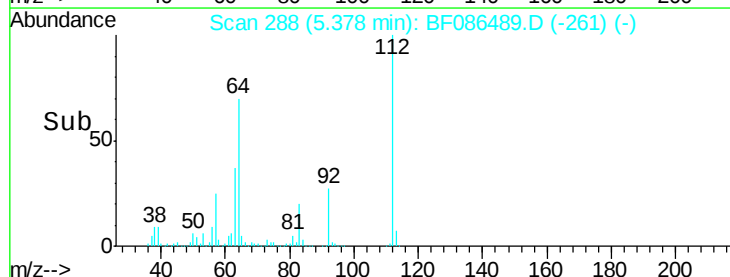
63 36.7 25.7 38.5

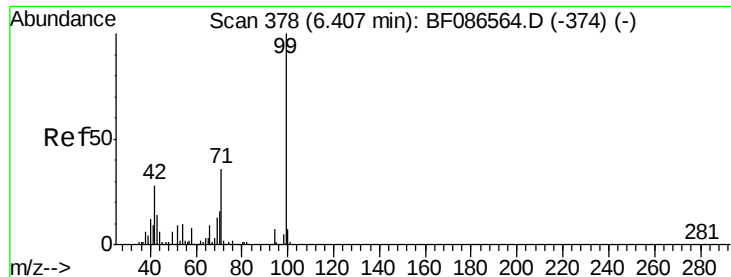


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 68.10 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.01 min

Lab File: BF086489.D

Acq: 29 Apr 2016 13:50

Instrument :

BNA_F

ClientSampleId :

WC-1

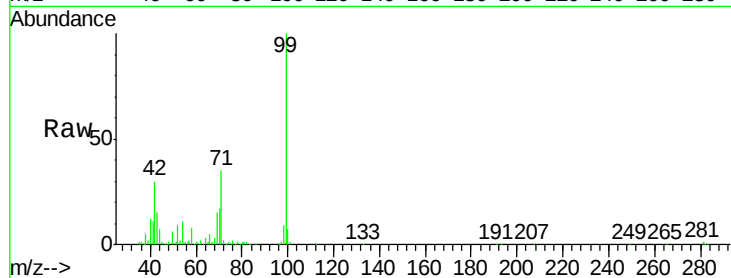
Tot Ion: 99 Resp: 827409

Ion Ratio Lower Upper

99 100

42 29.9 13.6 20.4#

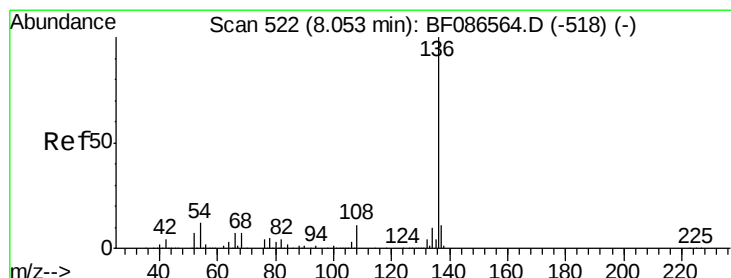
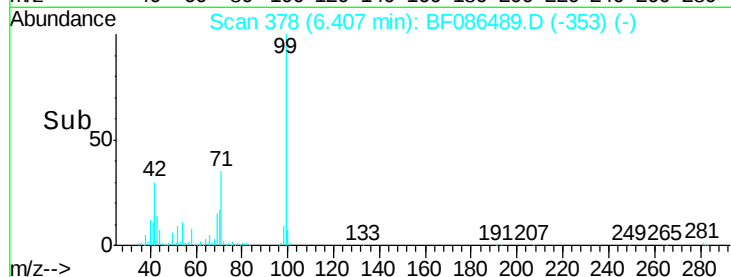
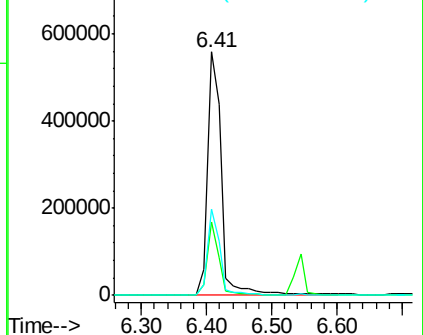
71 35.3 24.6 36.8



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: 8.06 min Scan# 523

Delta R.T. -0.00 min

Lab File: BF086489.D

Acq: 29 Apr 2016 13:50

Tgt Ion: 136 Resp: 640743

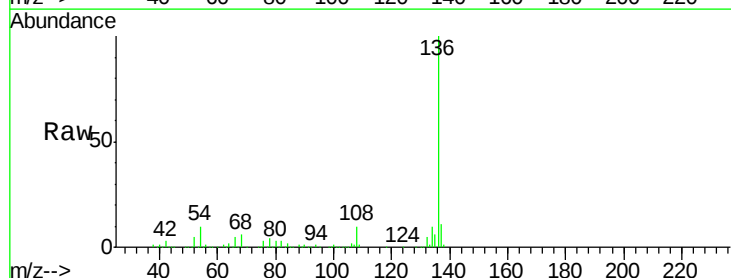
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 9.5 5.0 7.4#

68 6.2 4.4 6.6

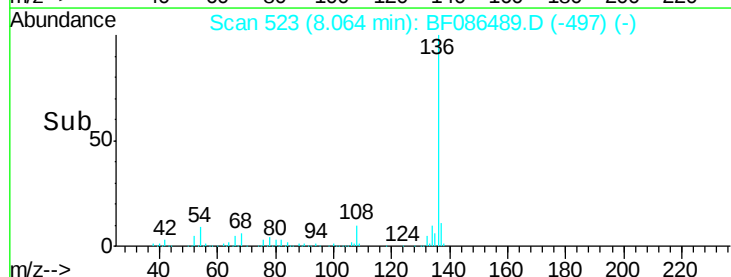
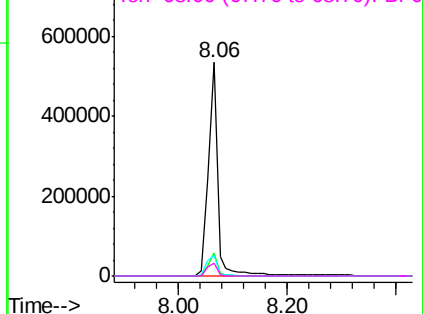


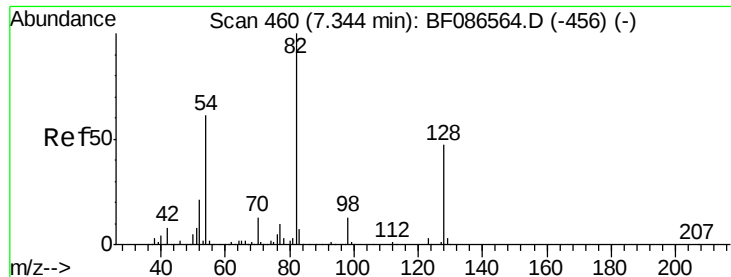
Abundance Ion 136.00 (135.70 to 136.70): E

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

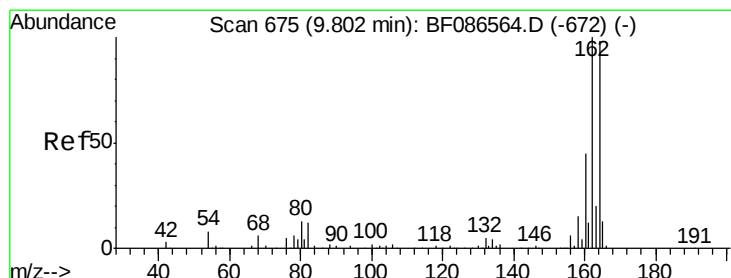
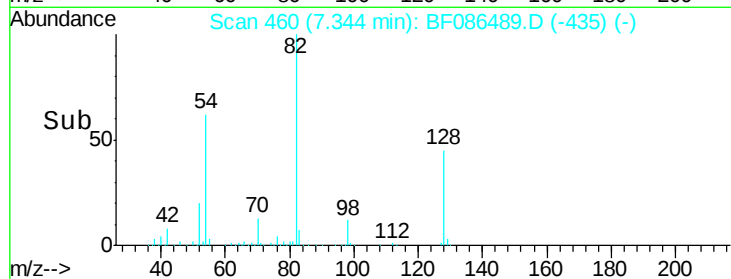
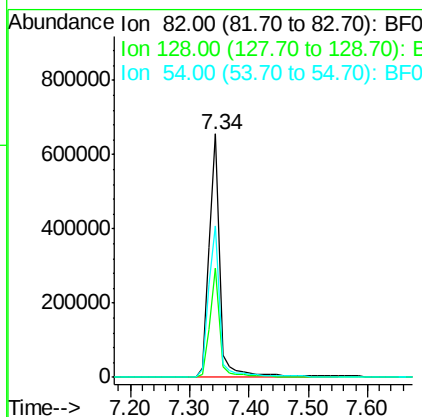
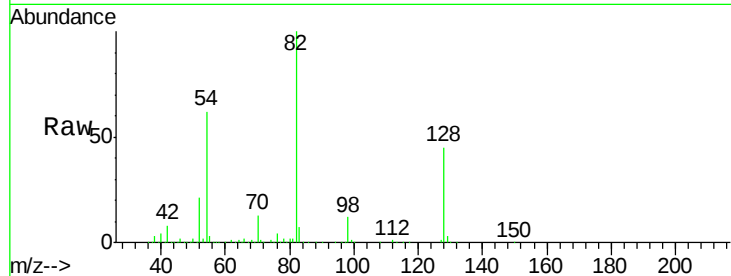




#23
Nitrobenzene-d5
Concen: 71.49 ng
RT: 7.34 min Scan# 460
Delta R.T. -0.01 min
Lab File: BF086489.D
Acq: 29 Apr 2016 13:50

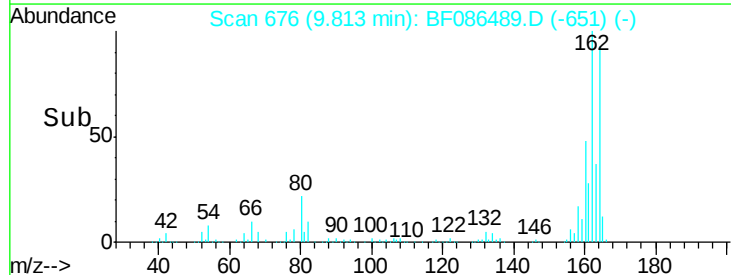
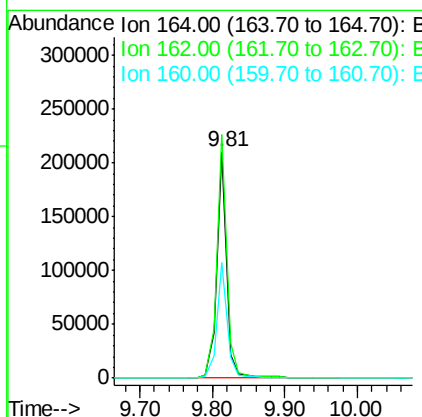
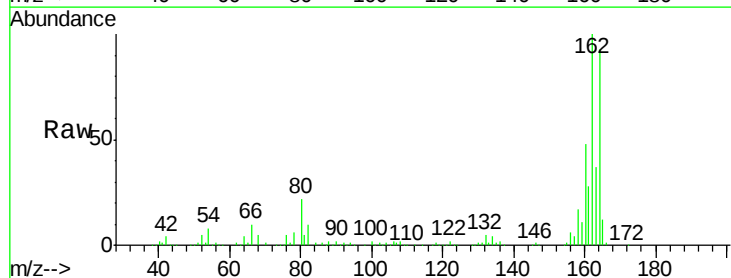
Instrument :
BNA_F
ClientSampled :
WC-1

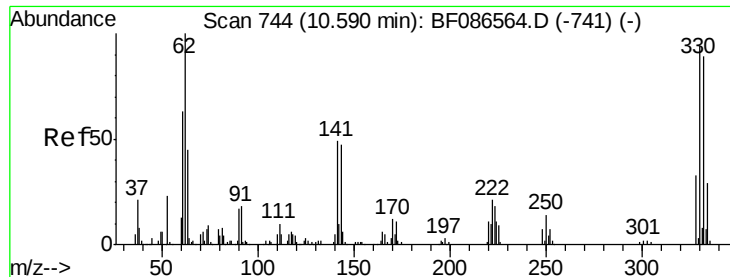
Tot Ion: 82 Resp: 849773
Ion Ratio Lower Upper
82 100
128 44.9 40.6 61.0
54 62.4 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.81 min Scan# 676
Delta R.T. -0.01 min
Lab File: BF086489.D
Acq: 29 Apr 2016 13:50

Tgt Ion:164 Resp: 199967
Ion Ratio Lower Upper
164 100
162 107.8 82.8 124.2
160 51.4 36.9 55.3

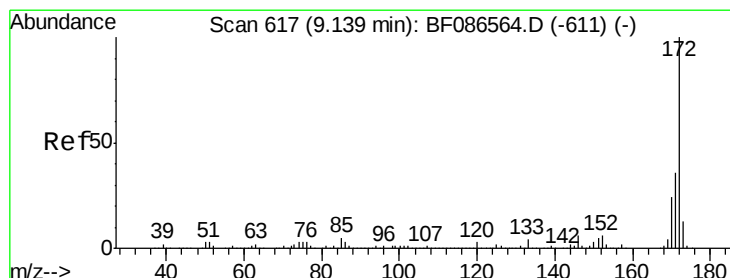
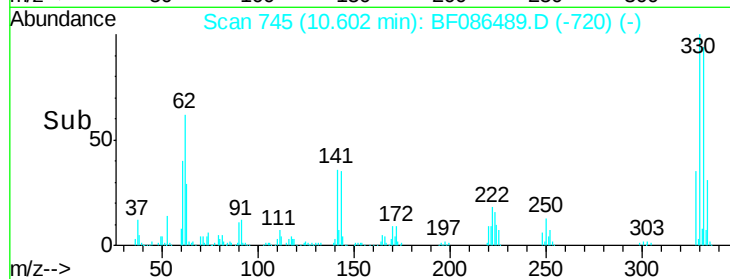
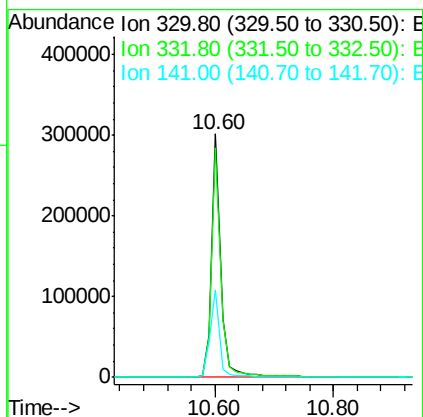
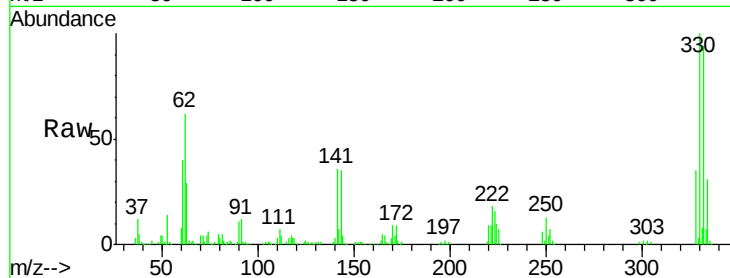




#41
 2,4,6-Tribromophenol
 Concen: 156.38 ng
 RT: 10.60 min Scan# 745
 Delta R.T. -0.01 min
 Lab File: BF086489.D
 Acq: 29 Apr 2016 13:50

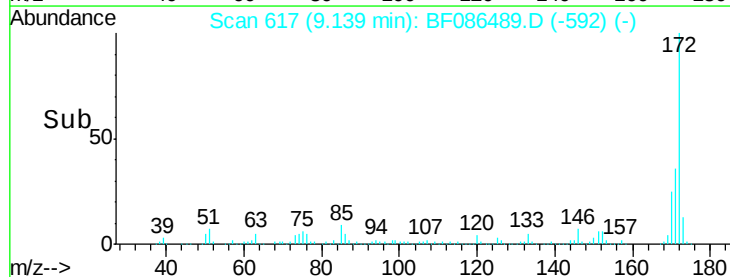
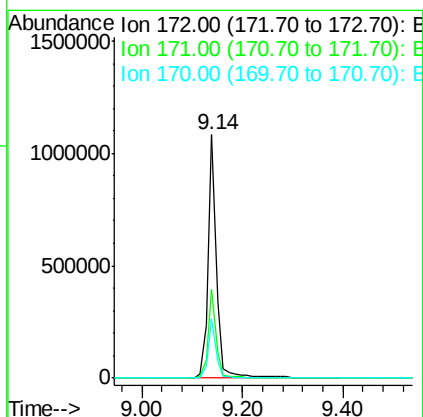
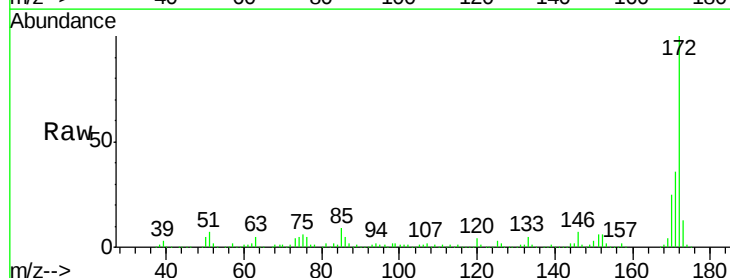
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

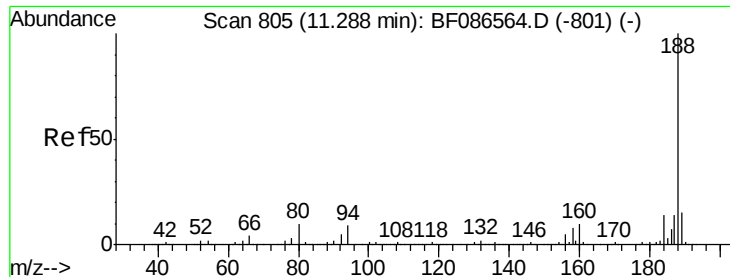
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.5	79.0	118.4
141	37.8	31.2	46.8



#44
 2-Fluorobiphenyl
 Concen: 121.44 ng
 RT: 9.14 min Scan# 617
 Delta R.T. -0.01 min
 Lab File: BF086489.D
 Acq: 29 Apr 2016 13:50

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.0	43.6
170	24.6	19.8	29.8

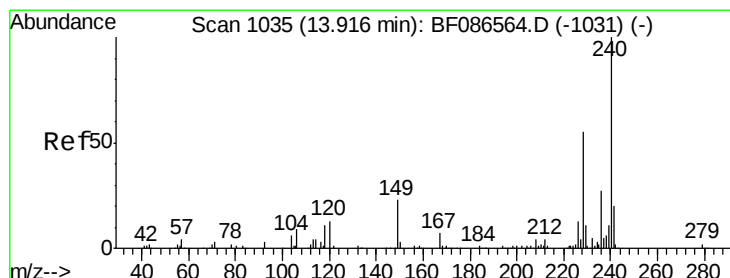
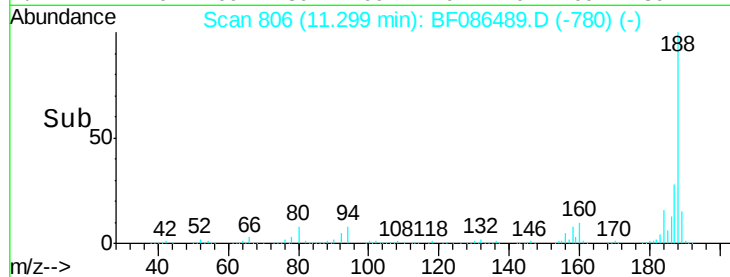
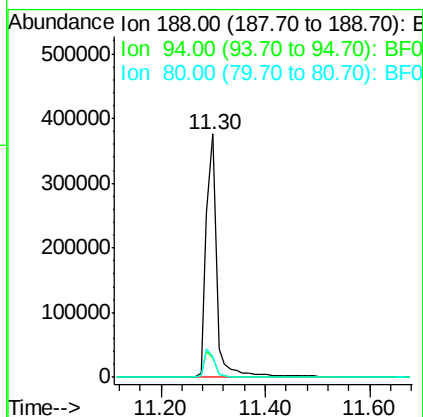
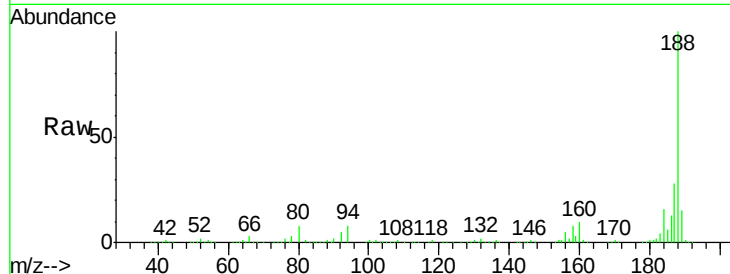




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: BF086489.D
 Acq: 29 Apr 2016 13:50

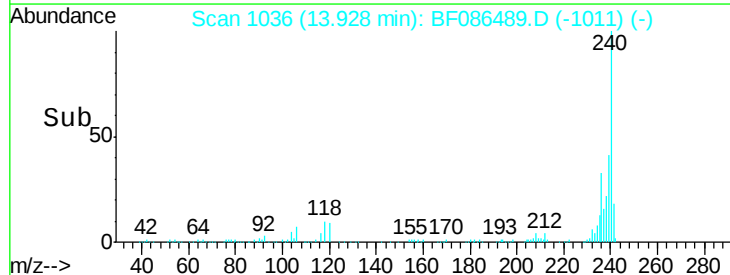
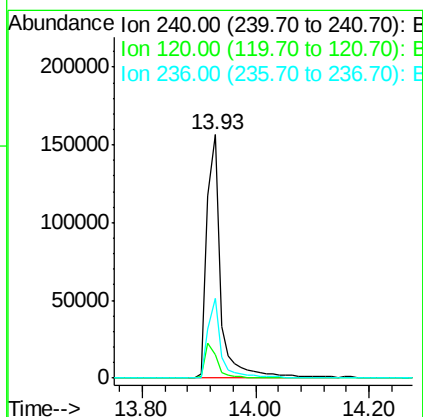
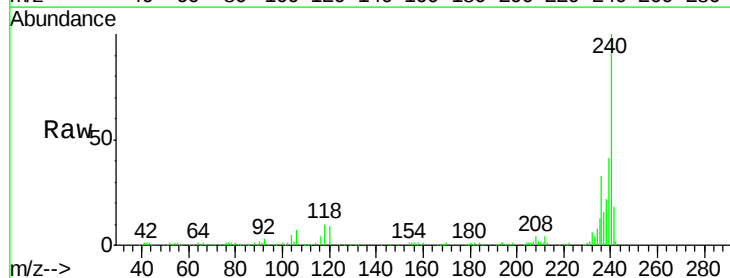
Instrument :
 BNA_F
 ClientSampleId :
 WC-1

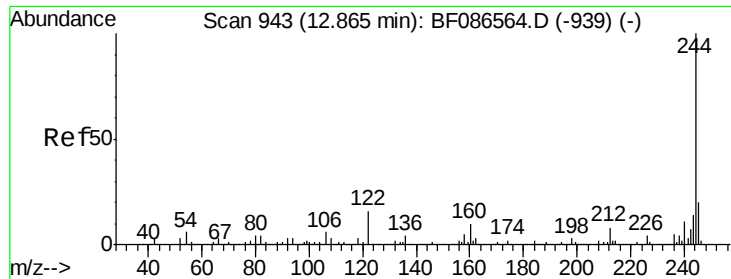
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.3	6.8	10.2
80	8.3	7.1	10.7



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.93 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: BF086489.D
 Acq: 29 Apr 2016 13:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.4	11.2	16.8#
236	33.0	21.2	31.8#





#78

Terphenyl-d14

Concen: 106.69 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.00 min

Lab File: BF086489.D

Acq: 29 Apr 2016 13:50

Instrument :

BNA_F

ClientSampleId :

WC-1

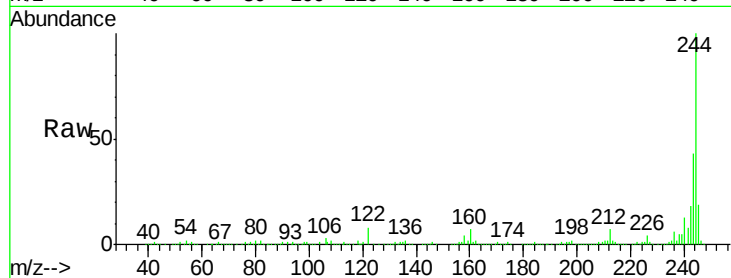
Tot Ion:244 Resp: 1229859

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

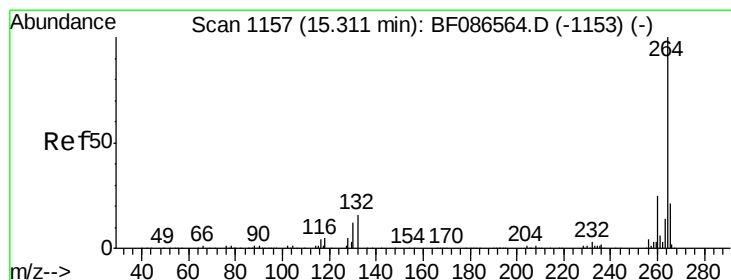
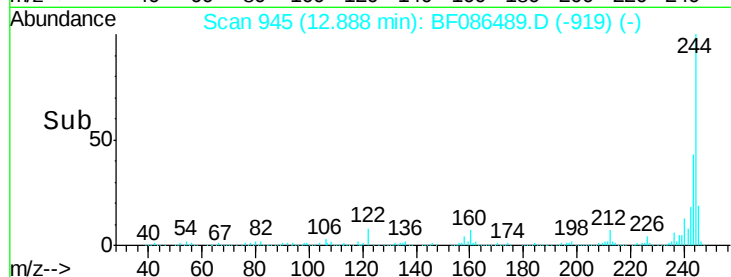
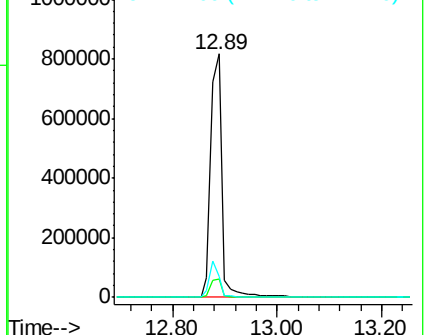
122 8.3 12.0 18.0#



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: 15.32 min Scan# 1158

Delta R.T. -0.00 min

Lab File: BF086489.D

Acq: 29 Apr 2016 13:50

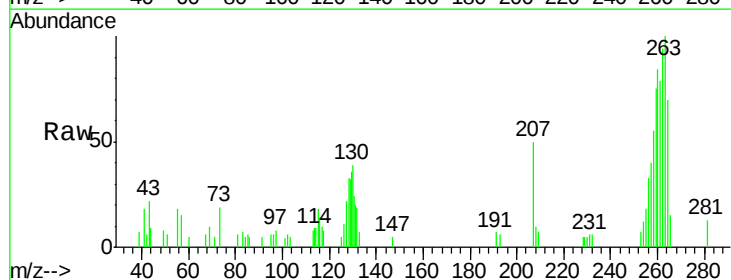
Tgt Ion:264 Resp: 7747

Ion Ratio Lower Upper

264 100

260 119.4 19.5 29.3#

265 21.6 17.3 25.9



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

