

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062716\
 Data File : BF088464.D
 Acq On : 27 Jun 2016 21:23
 Operator : UM/SJ
 Sample : H3728-01 20X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-PAV-2

Quant Time: Jun 28 06:35:35 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 27 19:14:18 2016
 Response via : Initial Calibration

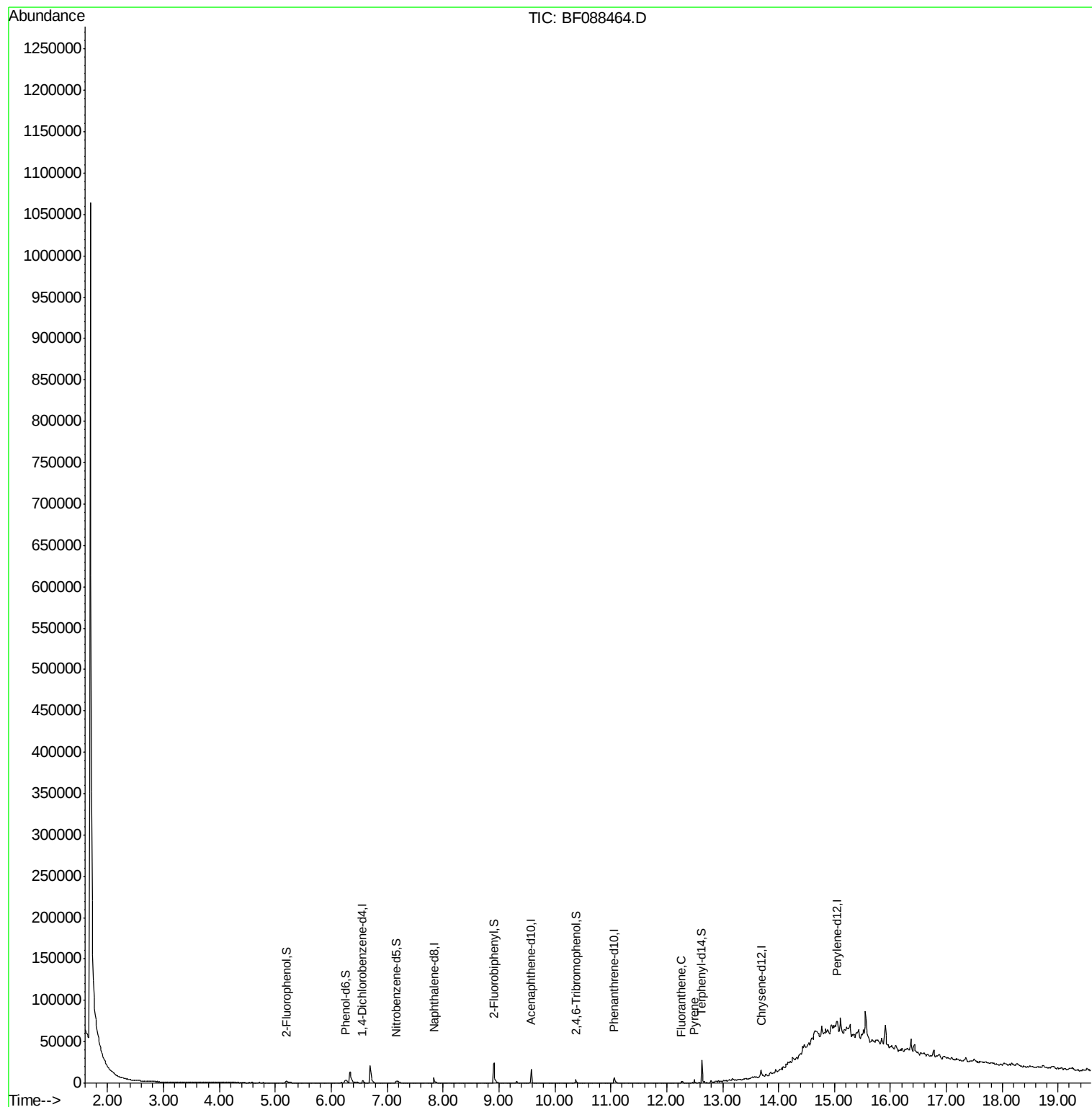
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	1567	20.00	ng	0.01
21) Naphthalene-d8	7.84	136	9879	20.00	ng	0.00
38) Acenaphthene-d10	9.58	164	4360	20.00	ng	-0.01
63) Phenanthrene-d10	11.06	188	6289	20.00	ng	0.00
75) Chrysene-d12	13.69	240	6157	20.00	ng	0.00
86) Perylene-d12	15.04	264	7512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	8218m	89.66	ng	0.07
7) Phenol-d6	6.25	99	16303m	146.76	ng	0.01
23) Nitrobenzene-d5	7.16	82	8139	48.11	ng	0.02
41) 2,4,6-Tribromophenol	10.38	330	1494	32.45	ng	0.00
44) 2-Fluorobiphenyl	8.91	172	21701	77.71	ng	-0.01
78) Terphenyl-d14	12.63	244	14158	52.33	ng	-0.01
Target Compounds						Qvalue
74) Fluoranthene	12.26	202	2191	6.29	ng	80
77) Pyrene	12.49	202	2321	5.08	ng	# 94

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

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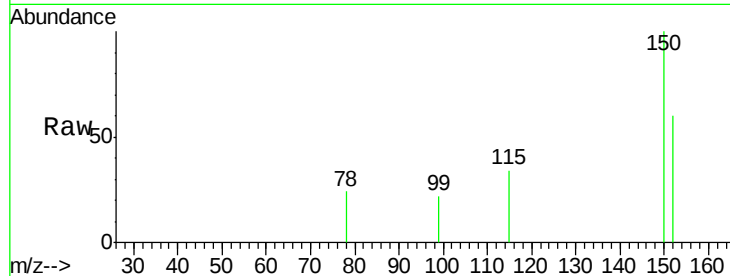


#1

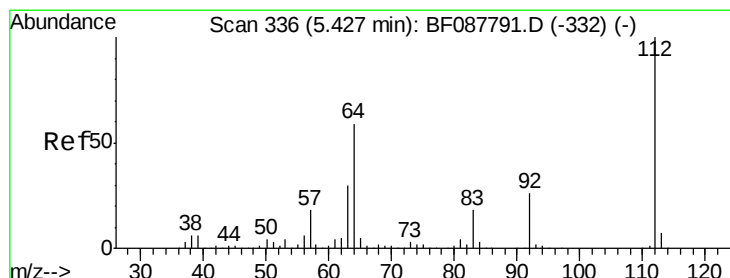
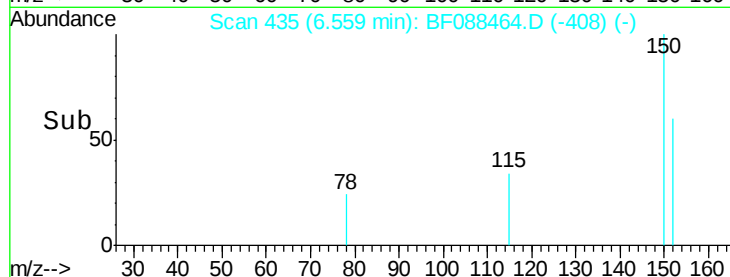
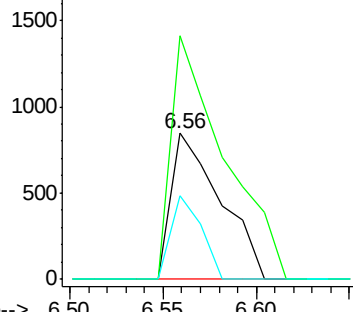
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.56 min Scan# 435
Delta R.T. 0.01 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tot Ion:152 Resp: 1567
Ion Ratio Lower Upper
152 100
150 166.8 123.8 185.6
115 57.4 39.6 59.4



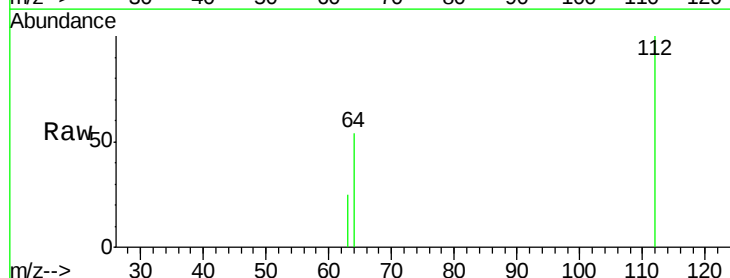
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



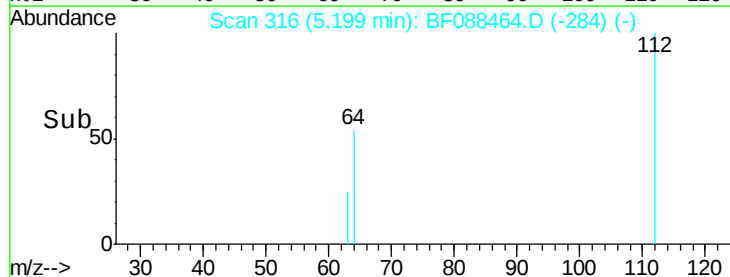
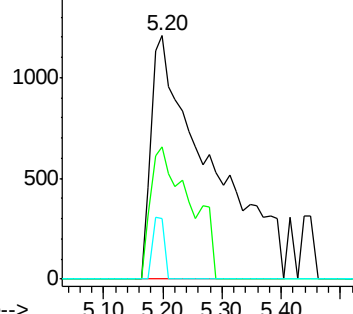
#5

2-Fluorophenol
Concen: 89.66 ng m
RT: 5.20 min Scan# 316
Delta R.T. 0.07 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:112 Resp: 8218
Ion Ratio Lower Upper
112 100
64 54.1 42.2 63.2
63 25.1 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: 146.76 ng/mL

RT: 6.25 min Scan# 408

Delta R.T. 0.01 min

Lab File: BF088464.D

Acq: 27 Jun 2016 21:23

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-PAV-2

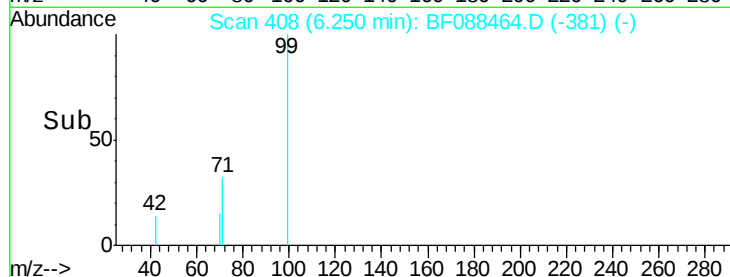
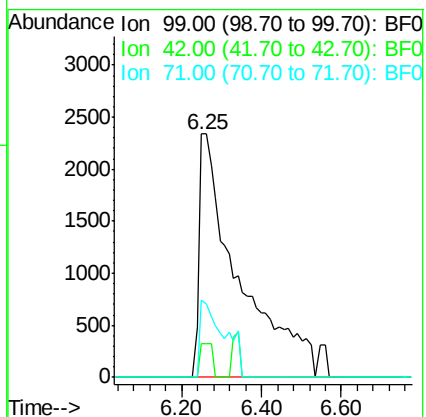
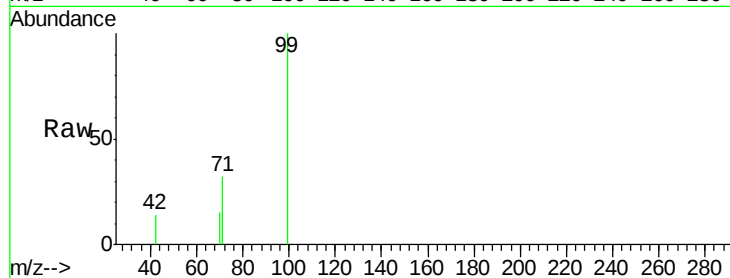
Tot Ion: 99 Resp: 16303

Ion Ratio Lower Upper

99 100

42 13.6 12.2 18.2

71 32.0 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.84 min Scan# 547

Delta R.T. 0.00 min

Lab File: BF088464.D

Acq: 27 Jun 2016 21:23

Tgt Ion: 136 Resp: 9879

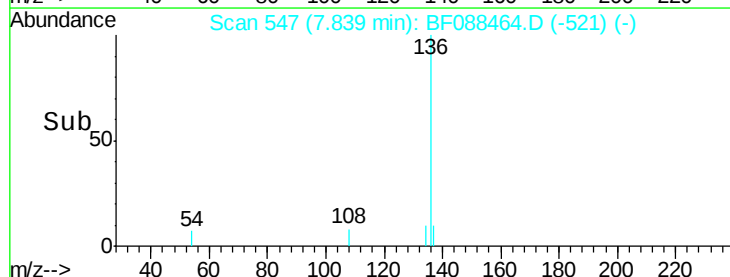
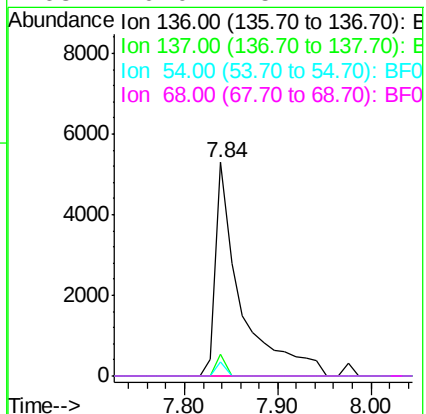
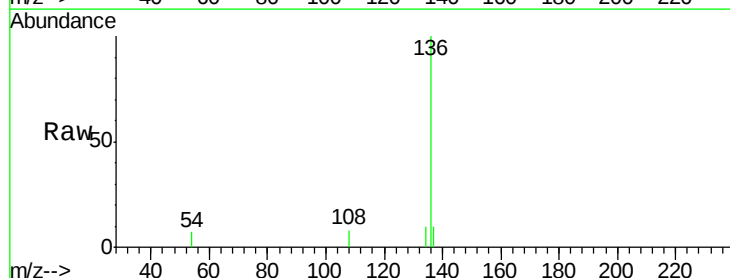
Ion Ratio Lower Upper

136 100

137 10.4 9.1 13.7

54 6.8 6.6 10.0

68 0.0 5.1 7.7#

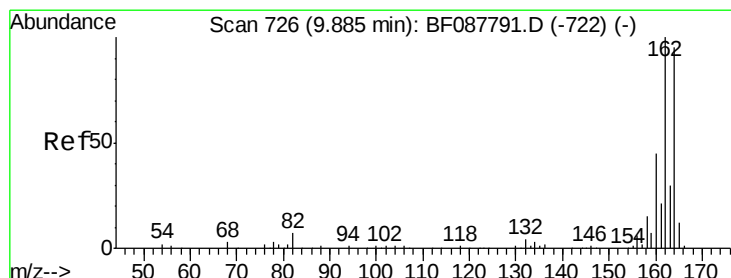
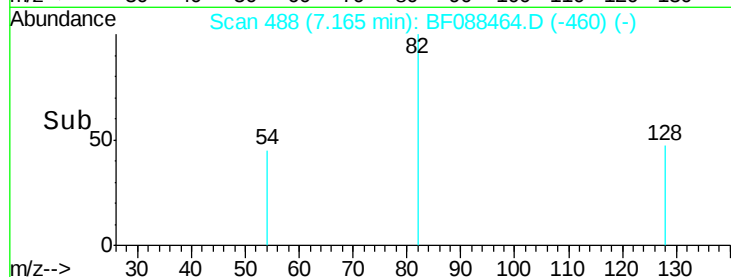
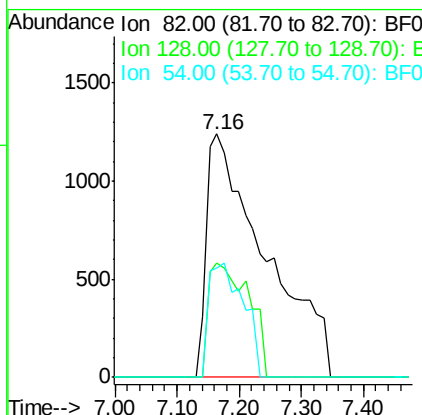
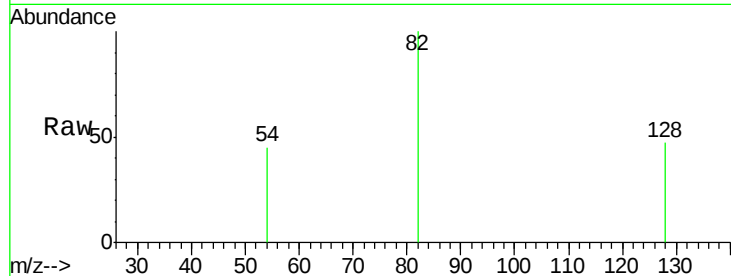




#23
 Nitrobenzene-d5
 Concen: 48.11 ng
 RT: 7.16 min Scan# 488
 Delta R.T. 0.02 min
 Lab File: BF088464.D
 Acq: 27 Jun 2016 21:23

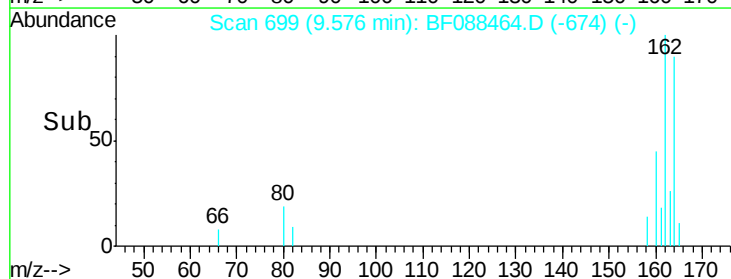
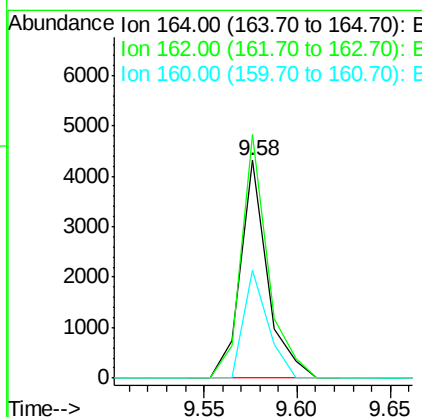
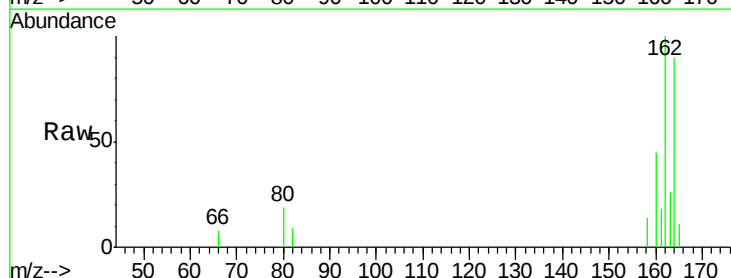
Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-PAV-2

Tot Ion: 82 Resp: 8139
 Ion Ratio Lower Upper
 82 100
 128 46.9 35.9 53.9
 54 45.0 40.9 61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.01 min
 Lab File: BF088464.D
 Acq: 27 Jun 2016 21:23

Tgt Ion:164 Resp: 4360
 Ion Ratio Lower Upper
 164 100
 162 111.7 85.4 128.2
 160 49.7 39.5 59.3

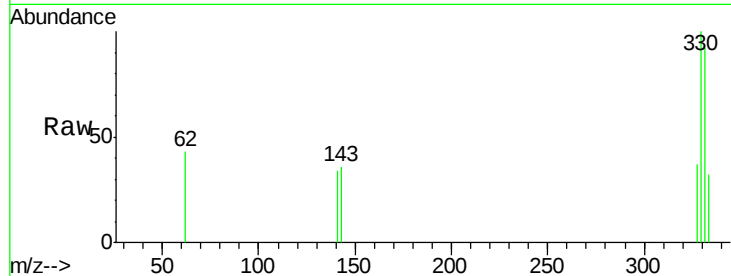




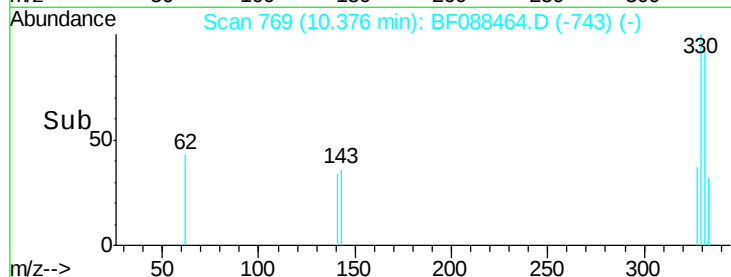
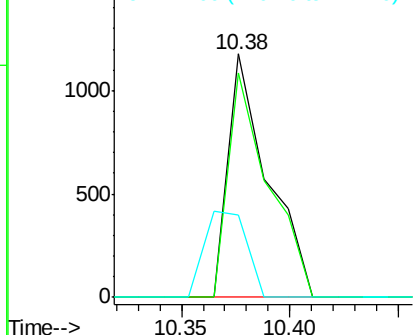
#41
 2,4,6-Tribromophenol
 Concen: 32.45 ng
 RT: 10.38 min Scan# 769
 Delta R.T. 0.00 min
 Lab File: BF088464.D
 Acq: 27 Jun 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-PAV-2

Tot Ion:330 Resp: 1494
 Ion Ratio Lower Upper
 330 100
 332 94.0 0.0 0.0#
 141 37.6 0.0 0.0#

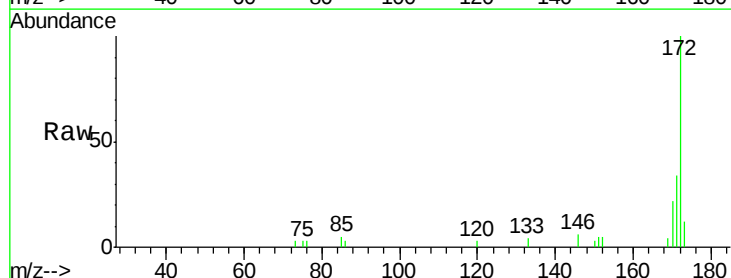


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

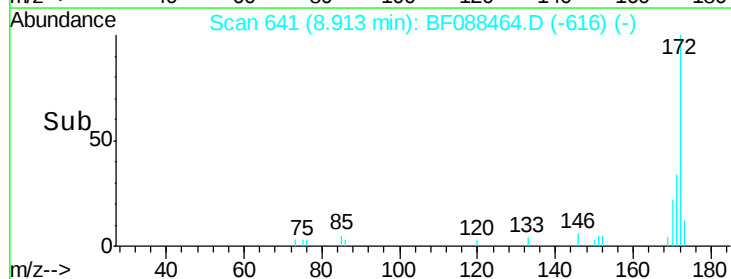
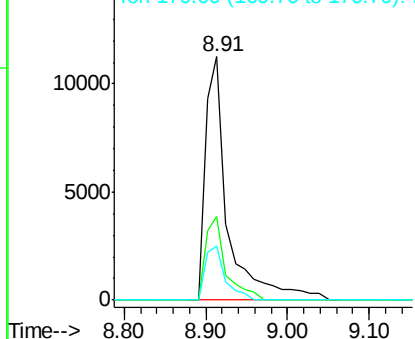


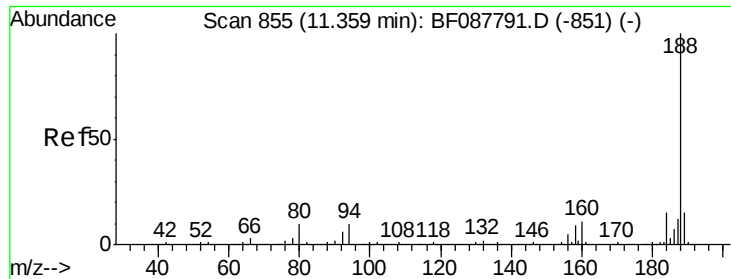
#44
 2-Fluorobiphenyl
 Concen: 77.71 ng
 RT: 8.91 min Scan# 641
 Delta R.T. -0.01 min
 Lab File: BF088464.D
 Acq: 27 Jun 2016 21:23

Tgt Ion:172 Resp: 21701
 Ion Ratio Lower Upper
 172 100
 171 34.4 28.6 43.0
 170 22.4 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

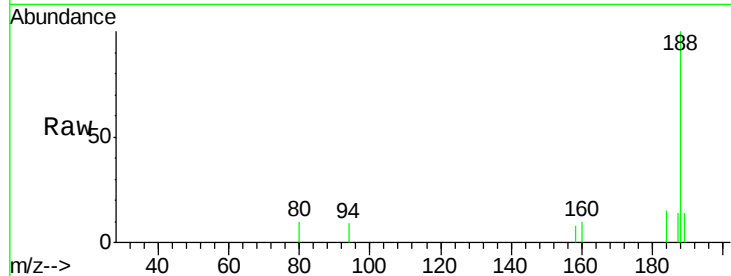




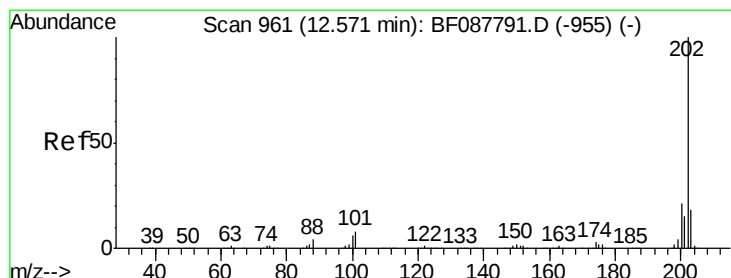
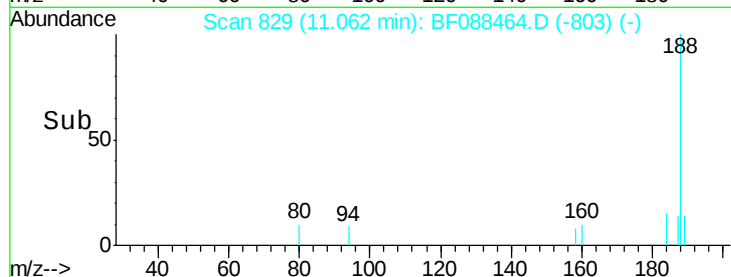
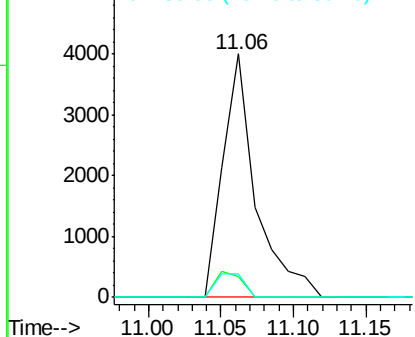
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.06 min Scan# 829
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Instrument :
BNA_F
ClientSampleId :
TEC-COMP-PAV-2

Tot Ion:188 Resp: 6289
Ion Ratio Lower Upper
188 100
94 8.5 9.0 13.6#
80 9.7 10.0 15.0#

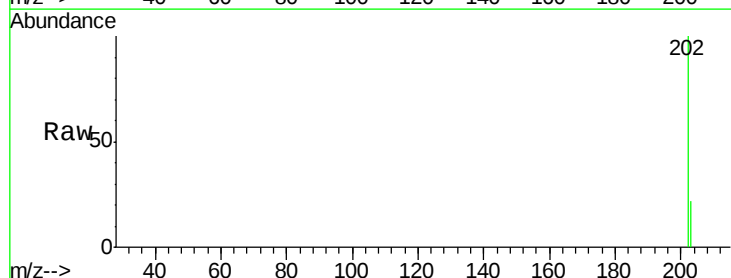


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

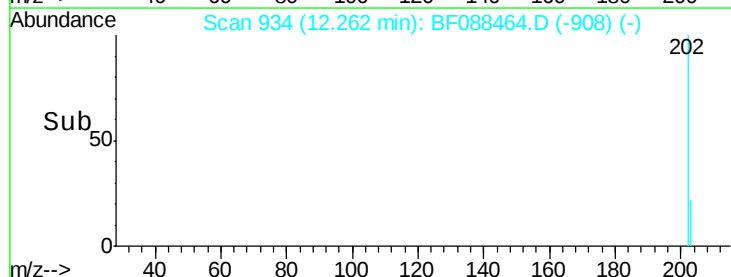
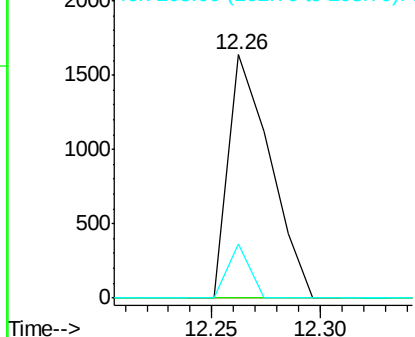


#74
Fluoranthene
Concen: 6.29 ng
RT: 12.26 min Scan# 934
Delta R.T. 0.00 min
Lab File: BF088464.D
Acq: 27 Jun 2016 21:23

Tgt Ion:202 Resp: 2191
Ion Ratio Lower Upper
202 100
101 0.0 0.0 33.1
203 22.5 0.0 38.1



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.69 min Scan# 1059

Delta R.T. 0.00 min

Lab File: BF088464.D

Acq: 27 Jun 2016 21:23

Instrument :

BNA_F

ClientSampleId :

TEC-COMP-PAV-2

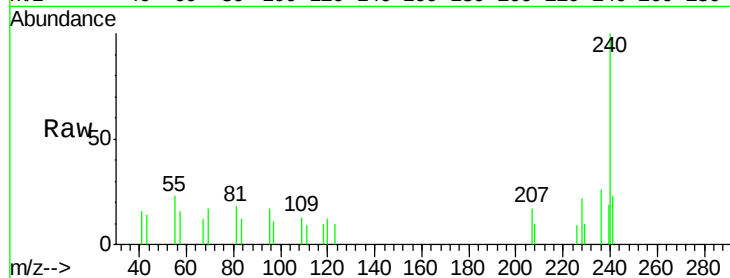
Tot Ion:240 Resp: 6157

Ion Ratio Lower Upper

240 100

120 12.1 6.8 10.2#

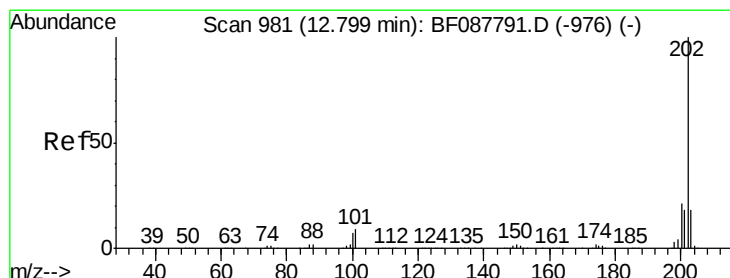
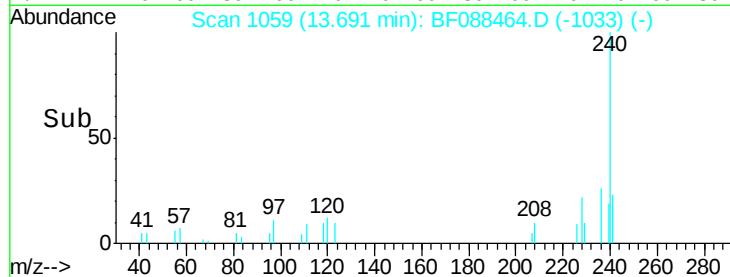
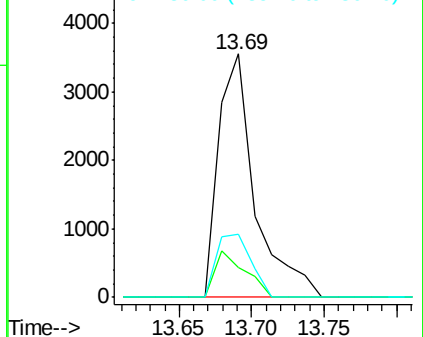
236 25.9 20.2 30.2



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



#77

Pyrene

Concen: 5.08 ng

RT: 12.49 min Scan# 954

Delta R.T. 0.00 min

Lab File: BF088464.D

Acq: 27 Jun 2016 21:23

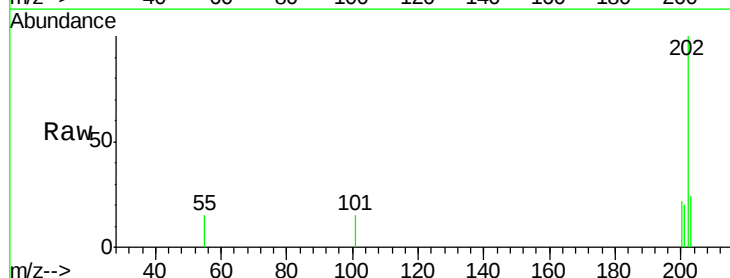
Tgt Ion:202 Resp: 2321

Ion Ratio Lower Upper

202 100

200 22.3 17.4 26.2

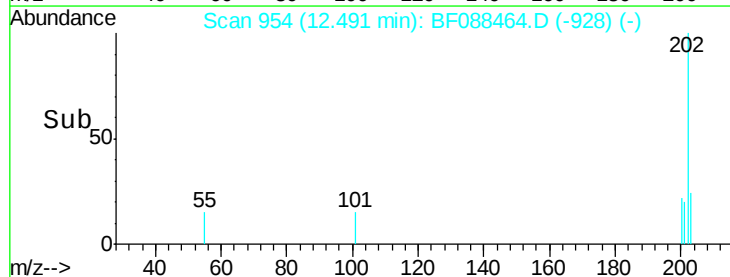
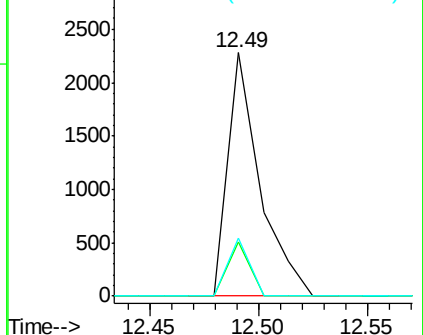
203 23.7 14.5 21.7#

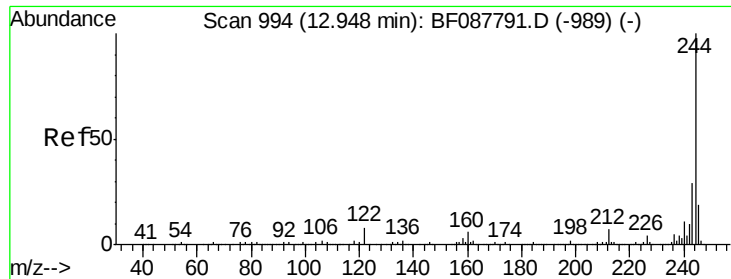


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

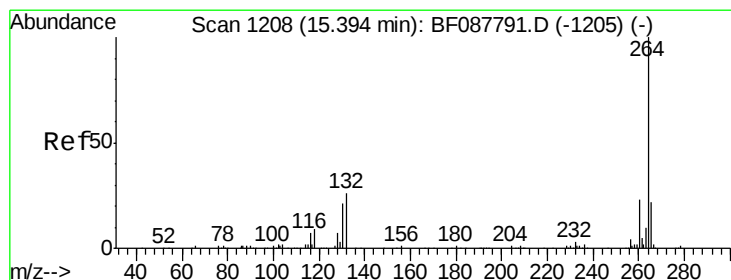
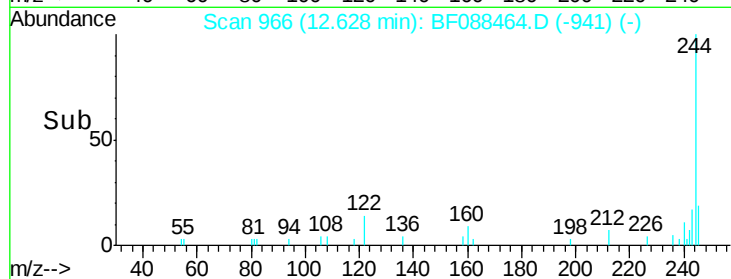
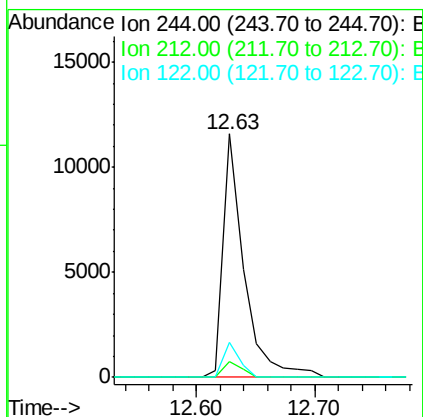
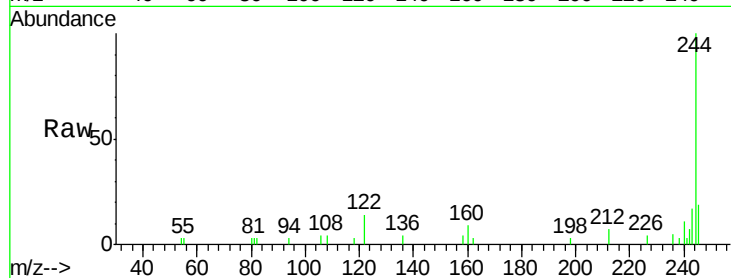




#78
 Terphenyl-d14
 Concen: 52.33 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.01 min
 Lab File: BF088464.D
 Acq: 27 Jun 2016 21:23

Instrument :
 BNA_F
 ClientSampleId :
 TEC-COMP-PAV-2

Tot Ion:244 Resp: 14158
 Ion Ratio Lower Upper
 244 100
 212 6.5 6.0 9.0
 122 14.1 11.2 16.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.04 min Scan# 1177
 Delta R.T. 0.00 min
 Lab File: BF088464.D
 Acq: 27 Jun 2016 21:23

Tgt Ion:264 Resp: 7512
 Ion Ratio Lower Upper
 264 100
 260 28.4 19.2 28.8
 265 28.3 16.9 25.3#

