

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089665.D
 Acq On : 8 Aug 2016 17:08
 Operator : UM/SJ
 Sample : H4351-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-4A

Quant Time: Aug 09 03:53:57 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF080416.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 05 01:39:23 2016
 Response via : Initial Calibration

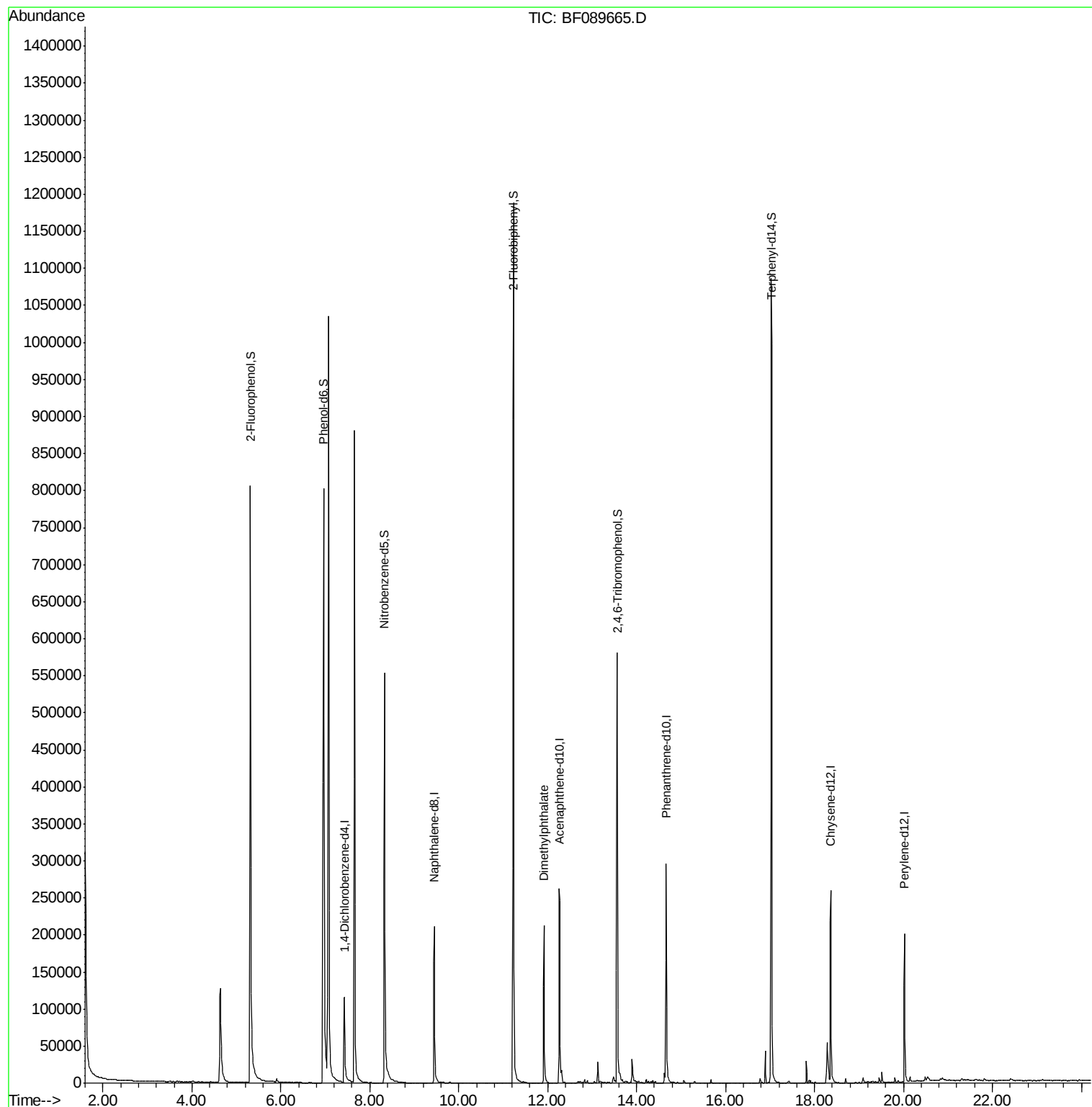
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.43	152	43592	20.00	ng	-0.02
21) Naphthalene-d8	9.45	136	184111	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	92649	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	183927	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	152845	20.00	ng	-0.02
86) Perylene-d12	20.02	264	108963	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	405667	155.97	ng	0.00
7) Phenol-d6	6.96	99	542320	153.71	ng	-0.02
23) Nitrobenzene-d5	8.33	82	329354	98.95	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	111892	146.34	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	636677	89.31	ng	-0.02
78) Terphenyl-d14	17.04	244	593550	76.66	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.92	163	134295	18.49	ng	Qvalue 99

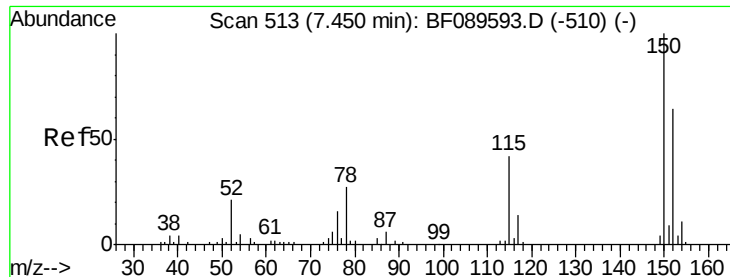
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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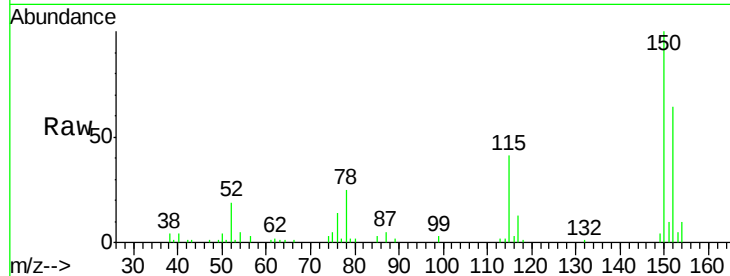


#1

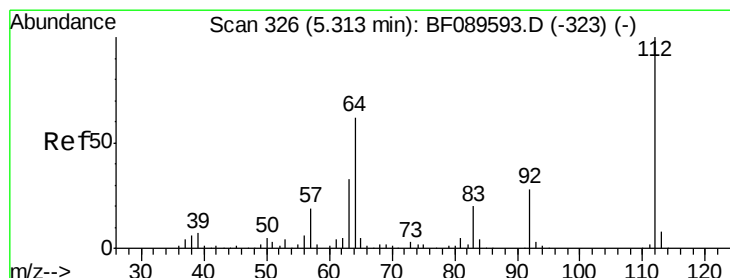
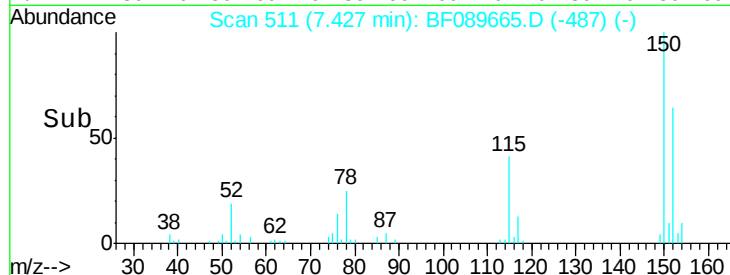
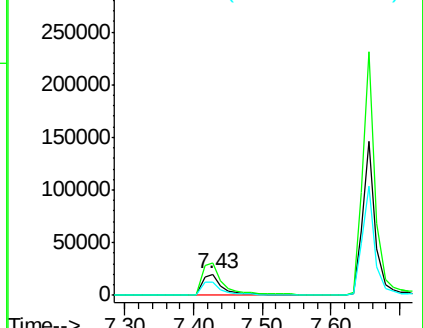
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.43 min Scan# 511
Delta R.T. -0.02 min
Lab File: BF089665.D
Acq: 8 Aug 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-4A

Tgt Ion:152 Resp: 43592
Ion Ratio Lower Upper
152 100
150 155.6 125.5 188.3
115 64.0 52.0 78.0



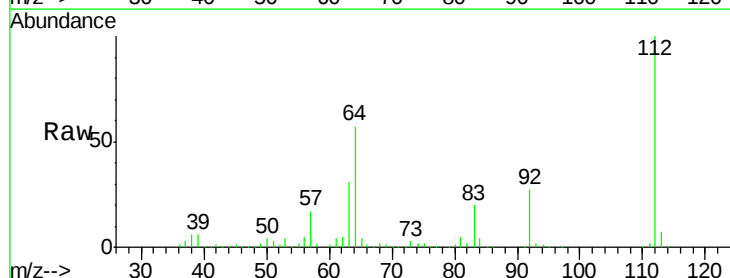
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



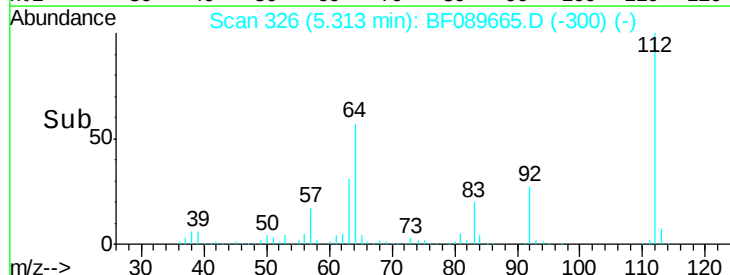
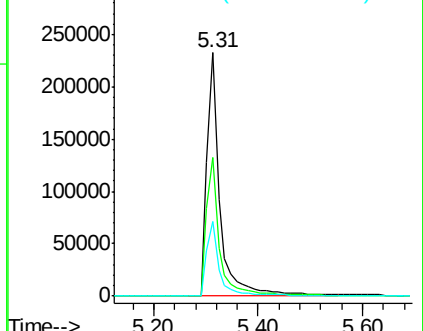
#5

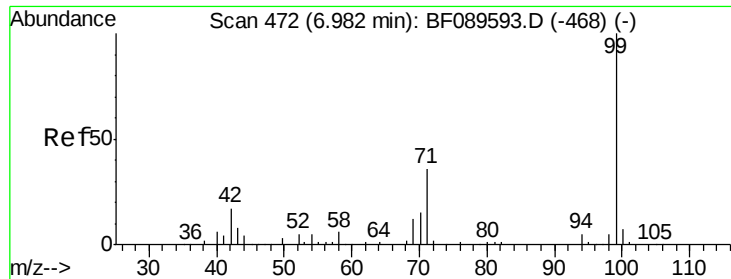
2-Fluorophenol
Concen: 155.97 ng
RT: 5.31 min Scan# 326
Delta R.T. 0.00 min
Lab File: BF089665.D
Acq: 8 Aug 2016 17:08

Tgt Ion:112 Resp: 405667
Ion Ratio Lower Upper
112 100
64 57.1 49.9 74.9
63 30.9 26.1 39.1



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: 153.71 ng

RT: 6.96 min Scan# 470

Delta R.T. -0.02 min

Lab File: BF089665.D

Acq: 8 Aug 2016 17:08

Instrument :

BNA_F

ClientSampleId :

SB-4A

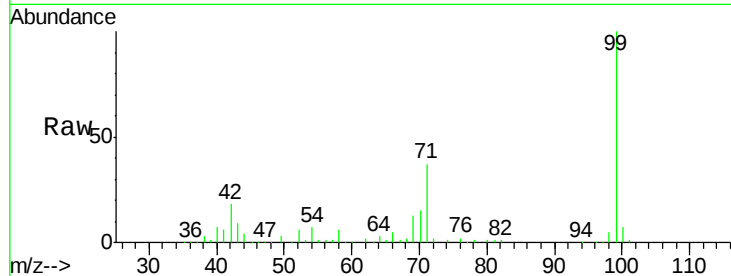
Tgt Ion: 99 Resp: 542320

Ion Ratio Lower Upper

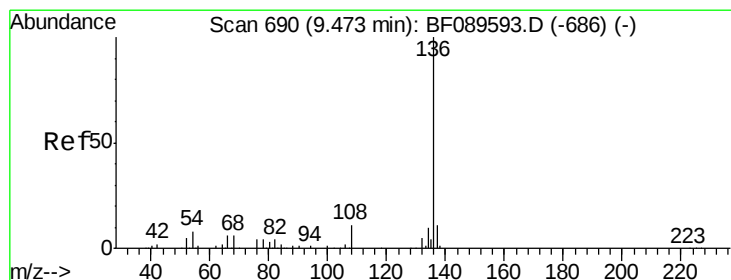
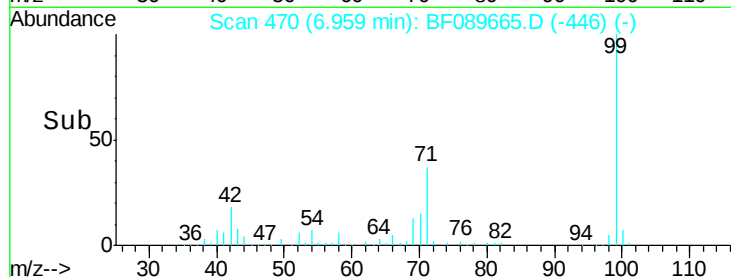
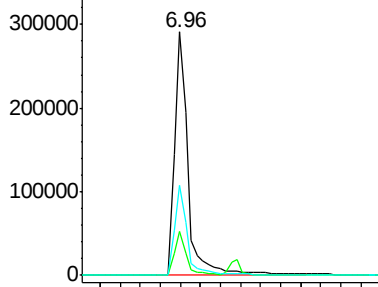
99 100

42 17.9 13.7 20.5

71 37.2 29.0 43.4



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: 9.45 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF089665.D

Acq: 8 Aug 2016 17:08

Tgt Ion: 136 Resp: 184111

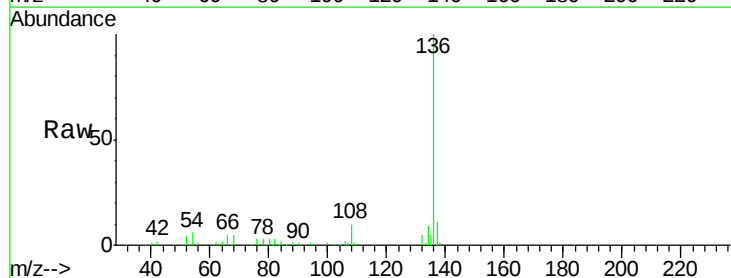
Ion Ratio Lower Upper

136 100

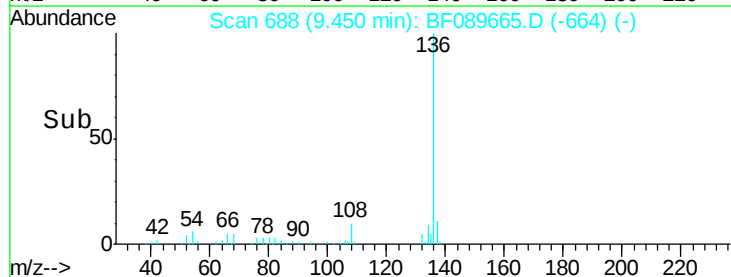
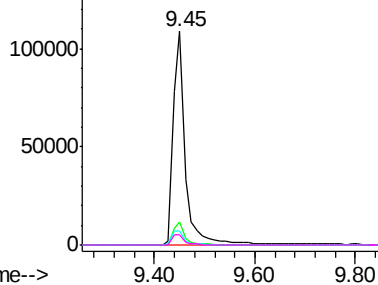
137 10.9 8.6 12.8

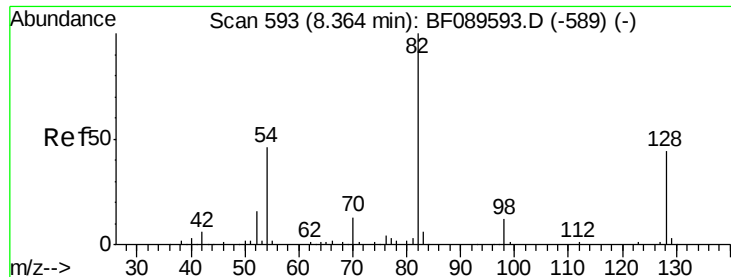
54 6.4 6.0 9.0

68 5.0 4.6 6.8



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

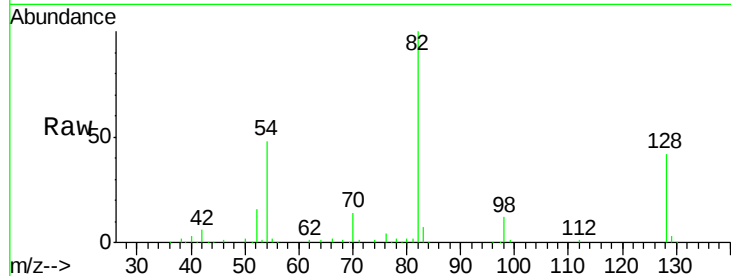




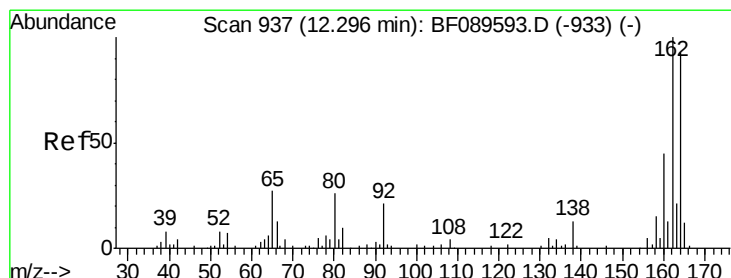
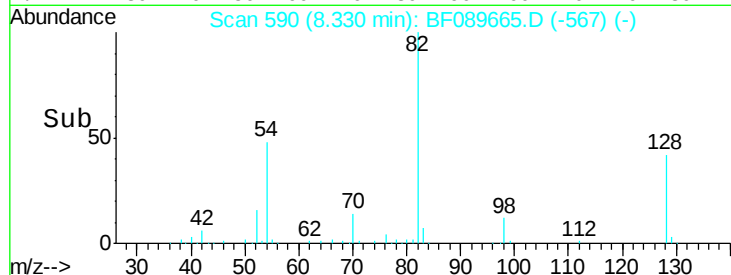
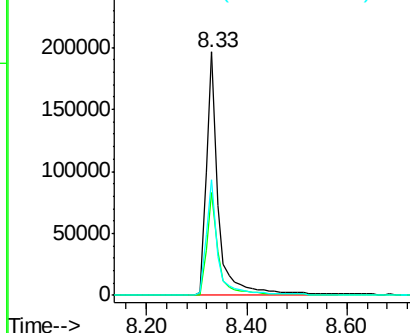
#23
 Nitrobenzene-d5
 Concen: 98.95 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089665.D
 Acq: 8 Aug 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-4A

Tgt Ion	Ratio	Lower	Upper
82	100		
128	42.0	35.4	53.0
54	47.7	36.4	54.6

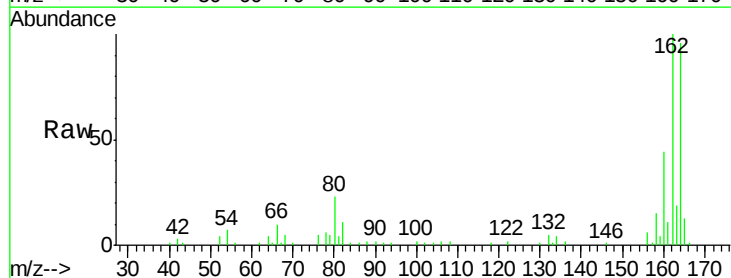


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

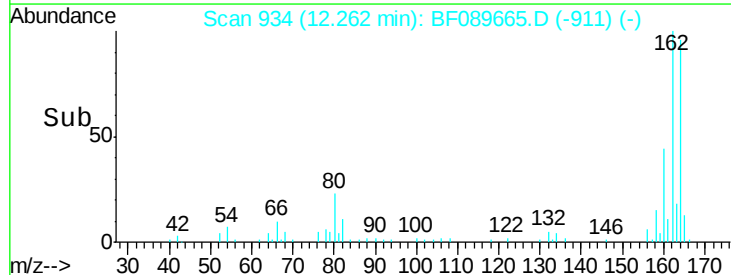
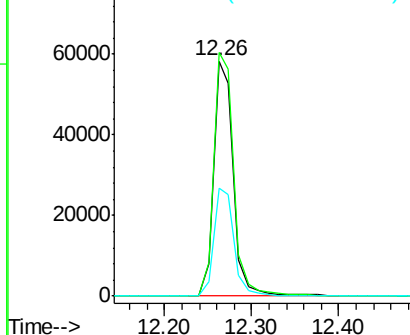


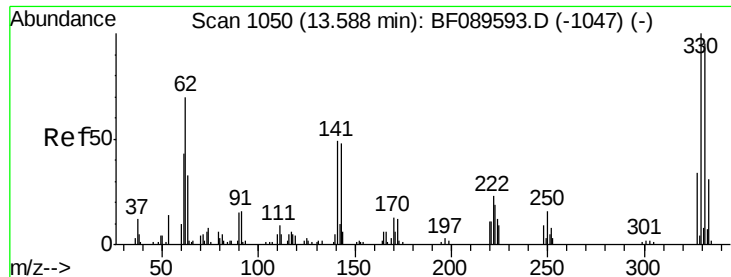
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089665.D
 Acq: 8 Aug 2016 17:08

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.6	85.7	128.5
160	46.0	38.2	57.4



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

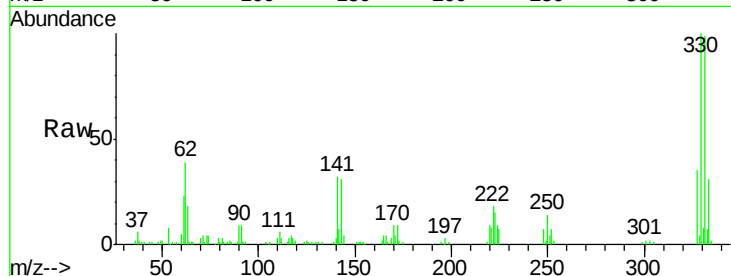




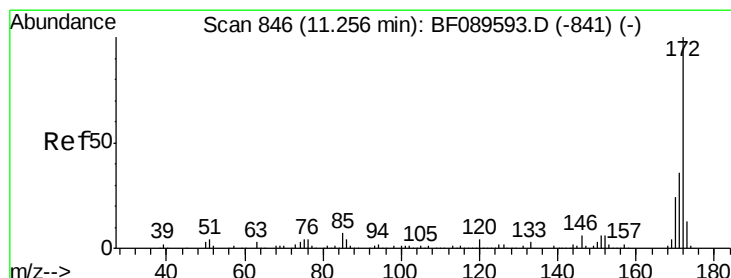
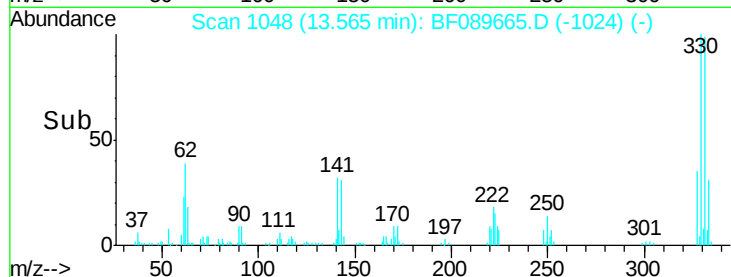
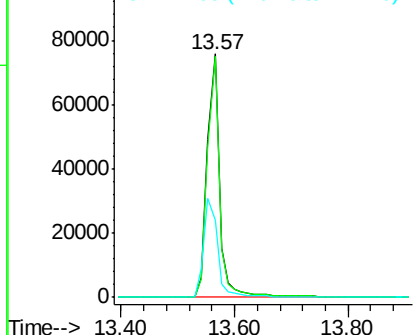
#41
 2,4,6-Tribromophenol
 Concen: 146.34 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089665.D
 Acq: 8 Aug 2016 17:08

Instrument :
 BNA_F
 ClientSampleId :
 SB-4A

Tgt Ion:330 Resp: 111892
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 45.1 38.6 57.8

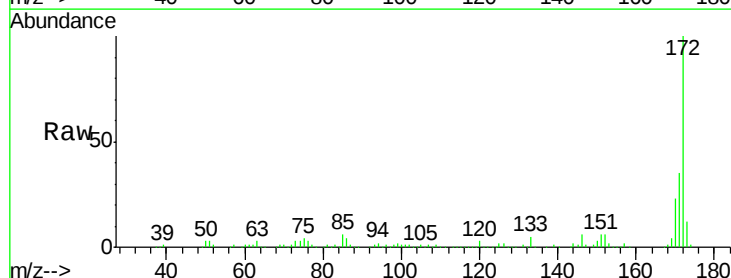


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

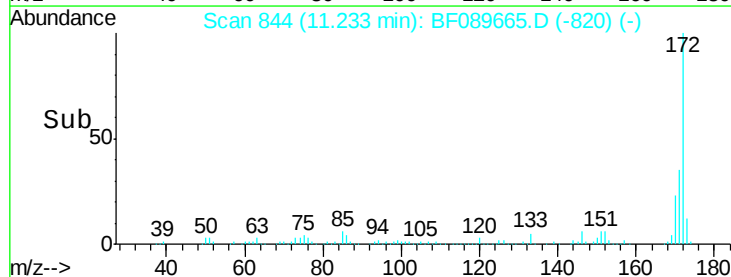
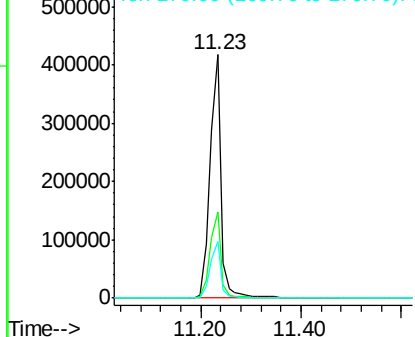


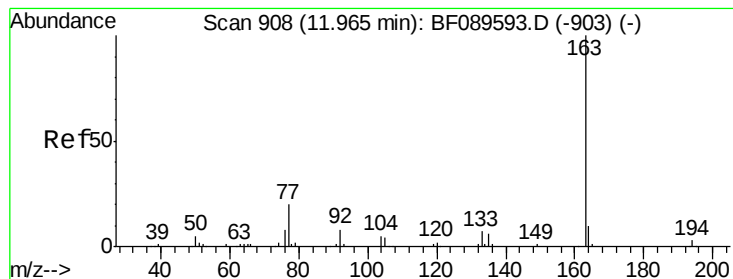
#44
 2-Fluorobiphenyl
 Concen: 89.31 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089665.D
 Acq: 8 Aug 2016 17:08

Tgt Ion:172 Resp: 636677
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.3 19.0 28.6



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





#49

Dimethylphthalate

Concen: 18.49 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089665.D

Acq: 8 Aug 2016 17:08

Instrument :

BNA_F

ClientSampled :

SB-4A

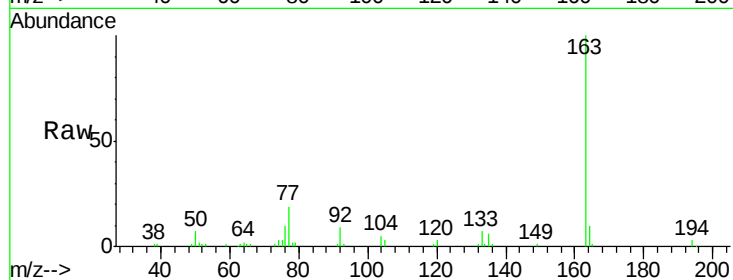
Tgt Ion:163 Resp: 134295

Ion Ratio Lower Upper

163 100

194 3.4 2.7 4.1

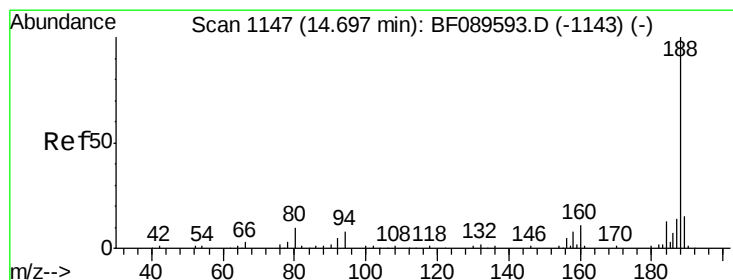
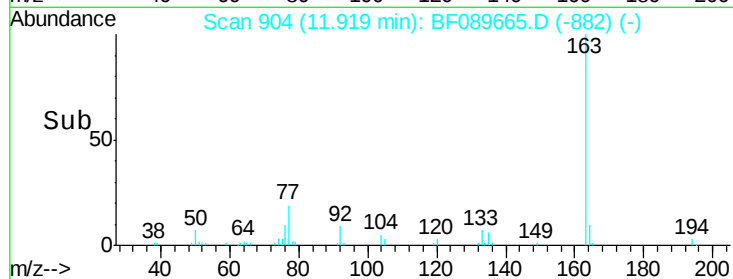
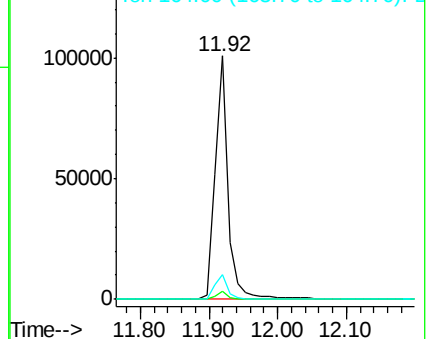
164 10.1 7.8 11.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 14.66 min Scan# 1144

Delta R.T. -0.03 min

Lab File: BF089665.D

Acq: 8 Aug 2016 17:08

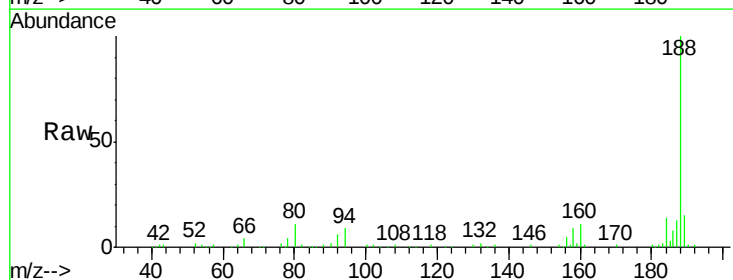
Tgt Ion:188 Resp: 183927

Ion Ratio Lower Upper

188 100

94 9.5 6.5 9.7

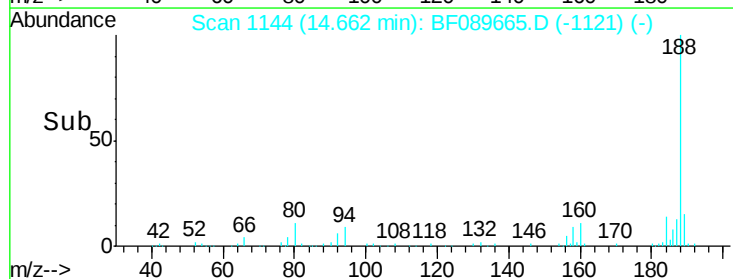
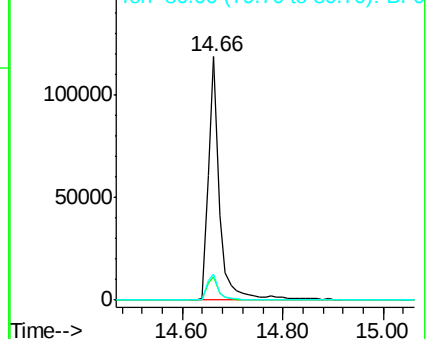
80 10.7 8.0 12.0

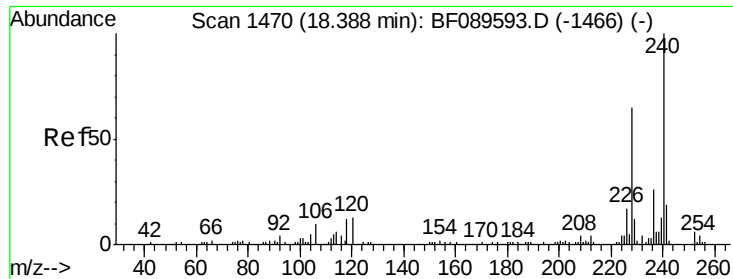


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

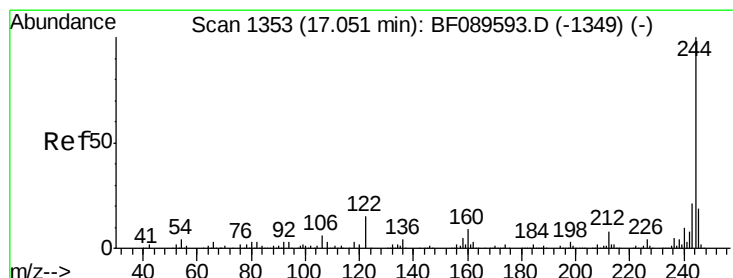
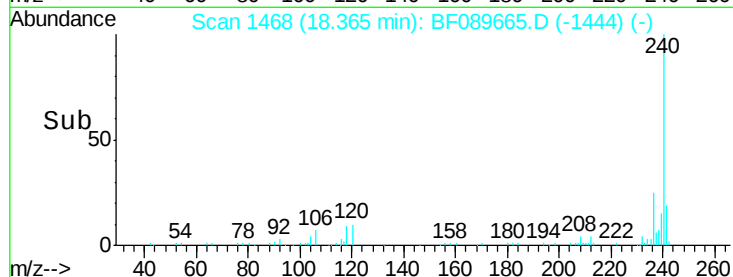
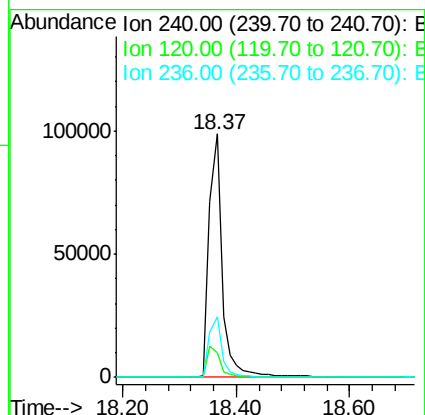
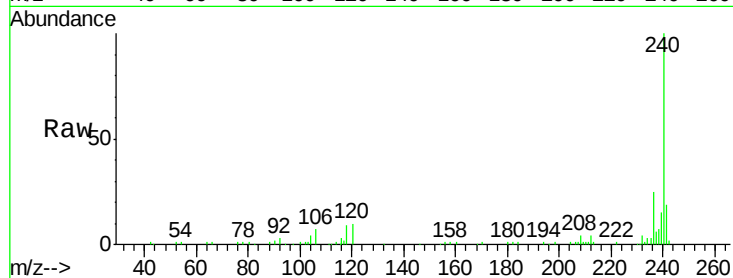




#75
Chrysene-d12
Concen: 20.00 ng
RT: 18.37 min Scan# 1468
Delta R.T. -0.02 min
Lab File: BF089665.D
Acq: 8 Aug 2016 17:08

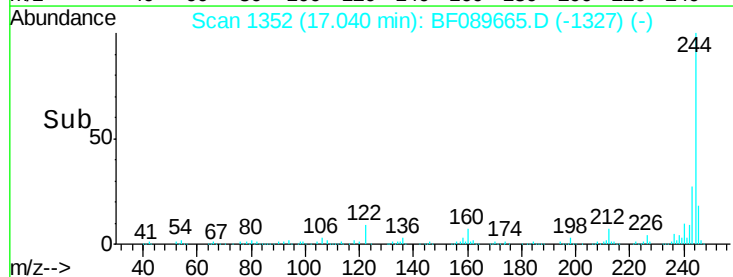
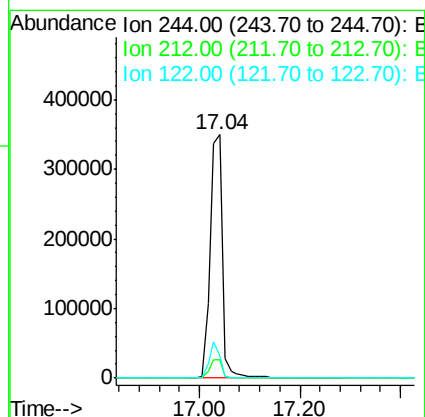
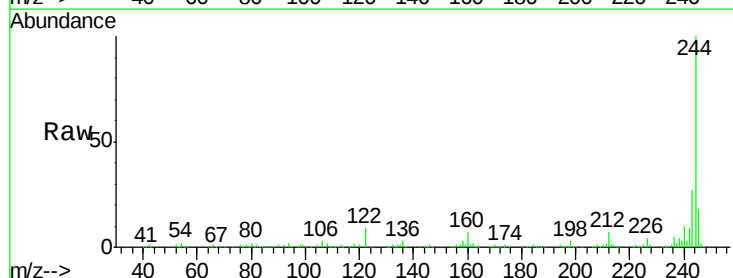
Instrument :
BNA_F
ClientSampled :
SB-4A

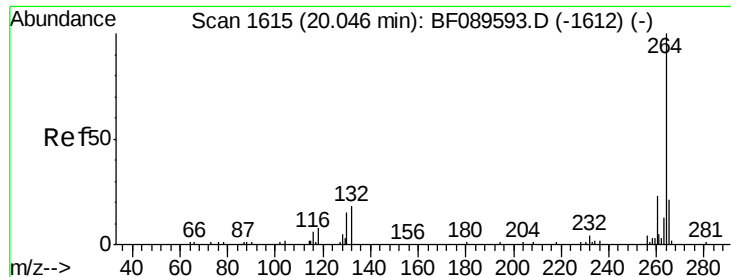
Tgt Ion:240 Resp: 152845
Ion Ratio Lower Upper
240 100
120 10.3 10.6 15.8#
236 25.0 20.6 30.8



#78
Terphenyl-d14
Concen: 76.66 ng
RT: 17.04 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BF089665.D
Acq: 8 Aug 2016 17:08

Tgt Ion:244 Resp: 593550
Ion Ratio Lower Upper
244 100
212 7.3 6.4 9.6
122 9.1 12.2 18.2#

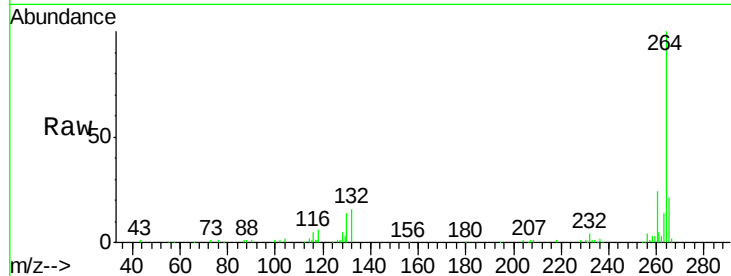




#86
Perylene-d12
Concen: 20.00 ng
RT: 20.02 min Scan# 1613
Delta R.T. -0.02 min
Lab File: BF089665.D
Acq: 8 Aug 2016 17:08

Instrument :
BNA_F
ClientSampleId :
SB-4A

Tgt Ion: 264 Resp: 108963
Ion Ratio Lower Upper
264 100
260 23.8 18.7 28.1
265 21.1 16.5 24.7



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

