

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080816\
 Data File : BF089663.D
 Acq On : 8 Aug 2016 16:01
 Operator : UM/SJ
 Sample : H4351-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CORE-E

Quant Time: Aug 09 03:51:15 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

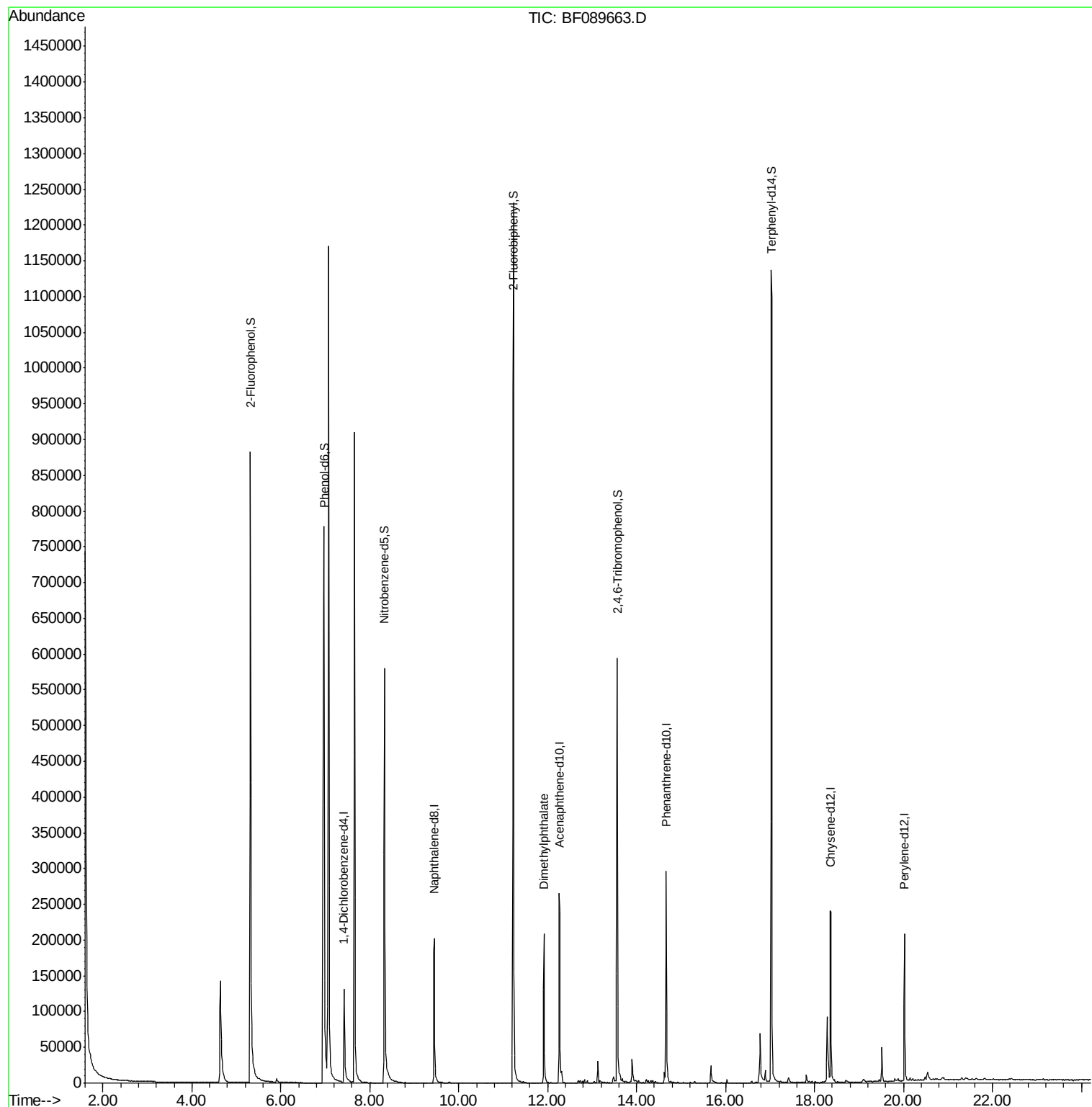
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.42	152	42989	20.00	ng	-0.03
21) Naphthalene-d8	9.45	136	184278	20.00	ng	-0.02
38) Acenaphthene-d10	12.26	164	91480	20.00	ng	-0.03
63) Phenanthrene-d10	14.66	188	186395	20.00	ng	-0.03
75) Chrysene-d12	18.37	240	148465	20.00	ng	-0.02
86) Perylene-d12	20.02	264	104877	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	434680	169.47	ng	0.00
7) Phenol-d6	6.97	99	599255	172.23	ng	-0.01
23) Nitrobenzene-d5	8.33	82	355919	106.83	ng	-0.03
41) 2,4,6-Tribromophenol	13.57	330	114981	152.31	ng	-0.02
44) 2-Fluorobiphenyl	11.23	172	684007	97.18	ng	-0.02
78) Terphenyl-d14	17.04	244	619710	82.40	ng	-0.01
Target Compounds						
49) Dimethylphthalate	11.92	163	134459	18.75	ng	Qvalue 100

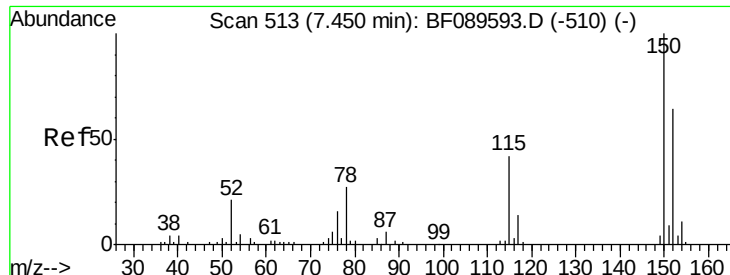
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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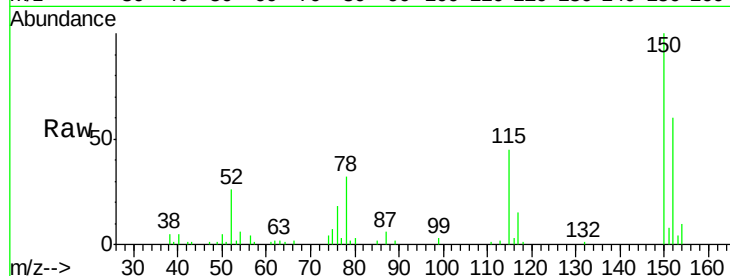




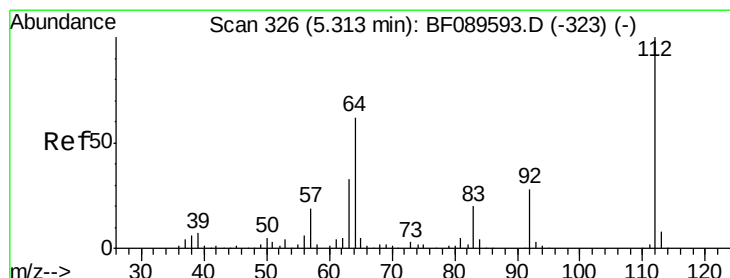
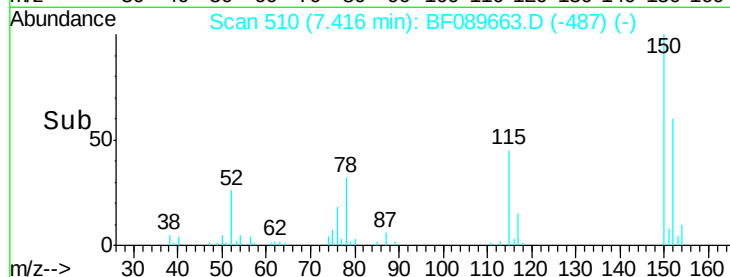
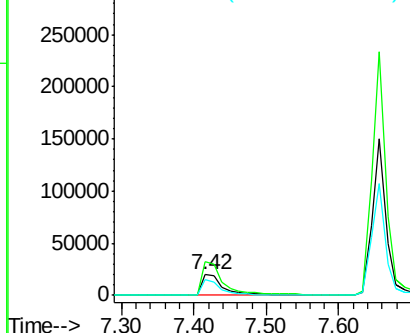
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.42 min Scan# 510
 Delta R.T. -0.03 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 CORE-E

Tgt Ion:152 Resp: 42989
 Ion Ratio Lower Upper
 152 100
 150 165.5 125.5 188.3
 115 75.1 52.0 78.0

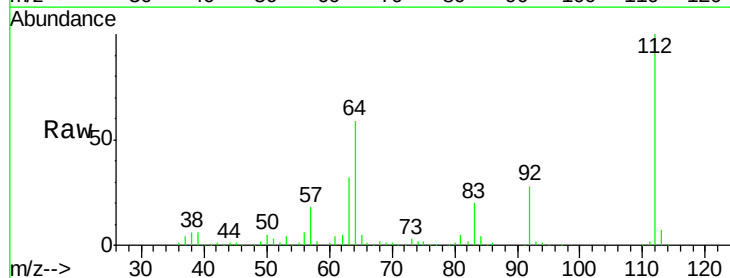


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

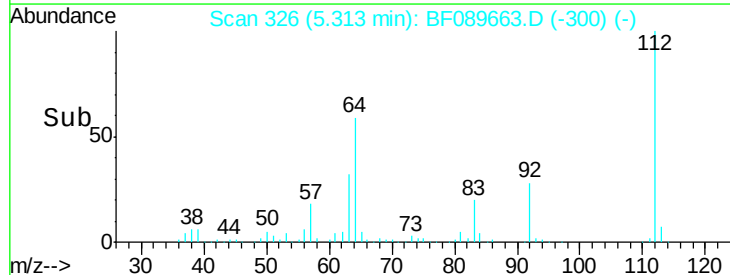
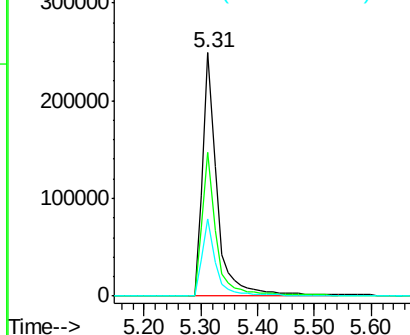


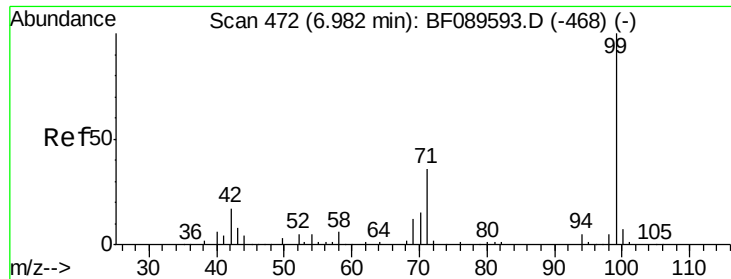
#5
 2-Fluorophenol
 Concen: 169.47 ng
 RT: 5.31 min Scan# 326
 Delta R.T. 0.00 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

Tgt Ion:112 Resp: 434680
 Ion Ratio Lower Upper
 112 100
 64 59.1 49.9 74.9
 63 31.7 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: 172.23 ng

RT: 6.97 min Scan# 471

Delta R.T. -0.01 min

Lab File: BF089663.D

Acq: 8 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

CORE-E

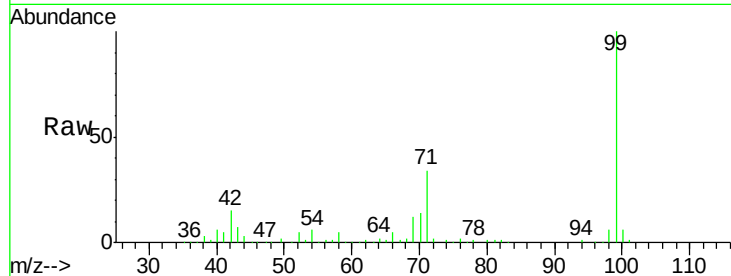
Tgt Ion: 99 Resp: 599255

Ion Ratio Lower Upper

99 100

42 14.8 13.7 20.5

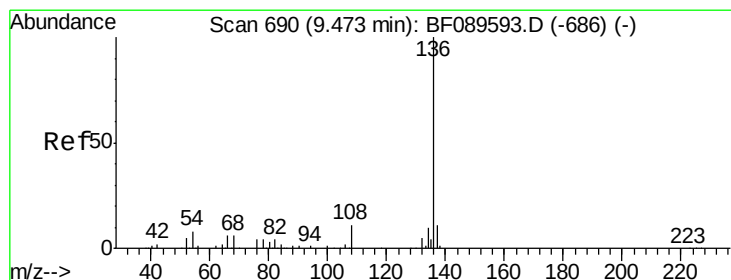
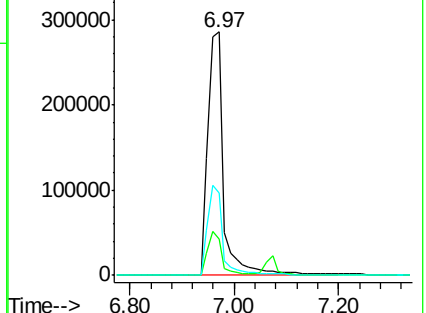
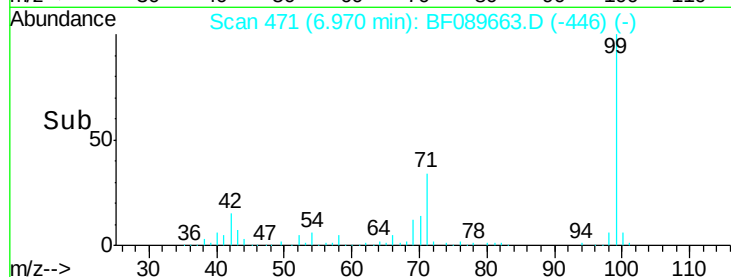
71 34.0 29.0 43.4



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: BF089663.D

Acq: 8 Aug 2016 16:01

Tgt Ion: 136 Resp: 184278

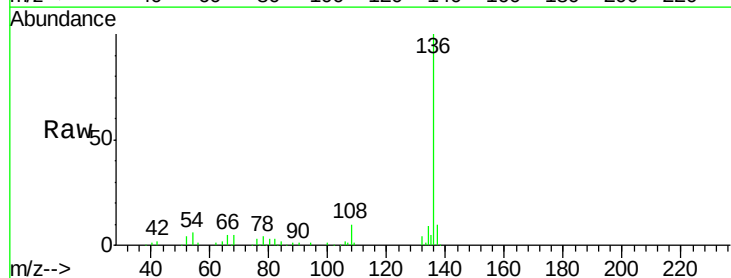
Ion Ratio Lower Upper

136 100

137 10.4 8.6 12.8

54 6.3 6.0 9.0

68 5.2 4.6 6.8

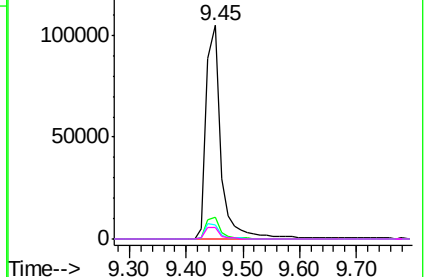
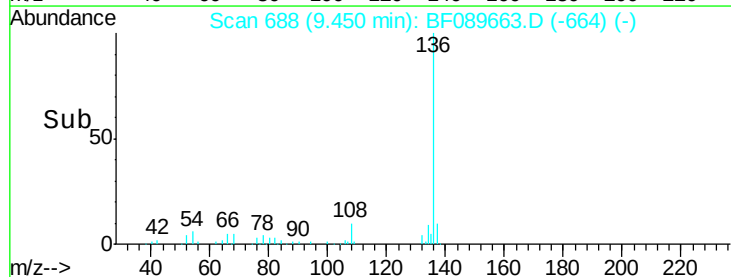


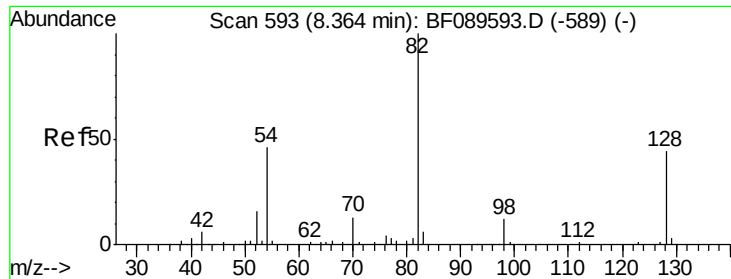
Abundance Ion 136.00 (135.70 to 136.70): E

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

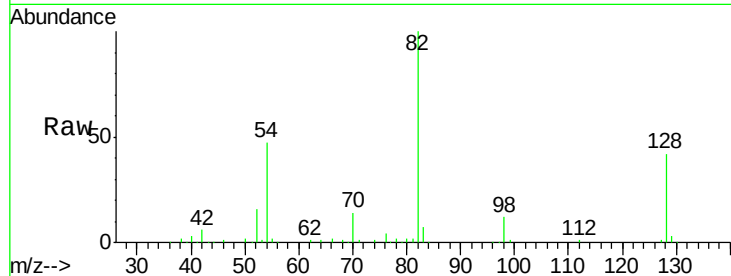




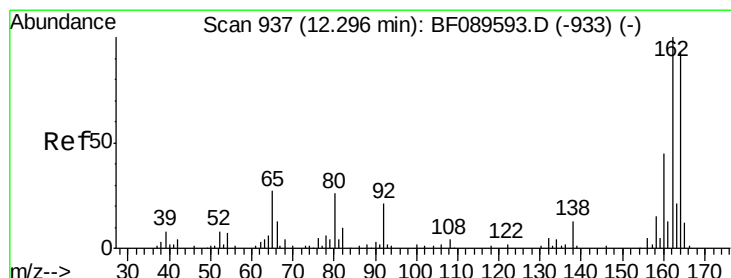
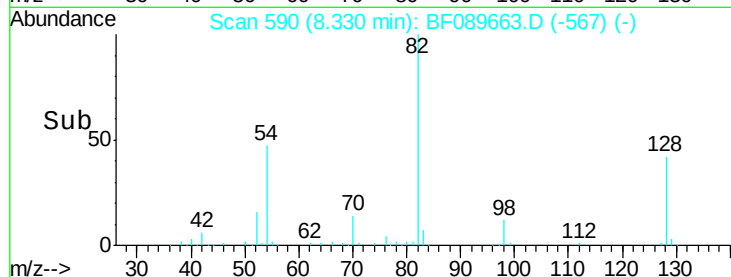
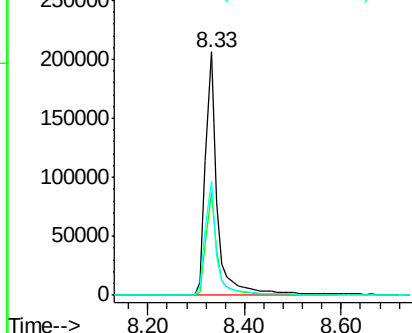
#23
 Nitrobenzene-d5
 Concen: 106.83 ng
 RT: 8.33 min Scan# 590
 Delta R.T. -0.03 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

Instrument :
 BNA_F
 ClientSampleId :
 CORE-E

Tgt Ion: 82 Resp: 355919
 Ion Ratio Lower Upper
 82 100
 128 42.1 35.4 53.0
 54 46.8 36.4 54.6

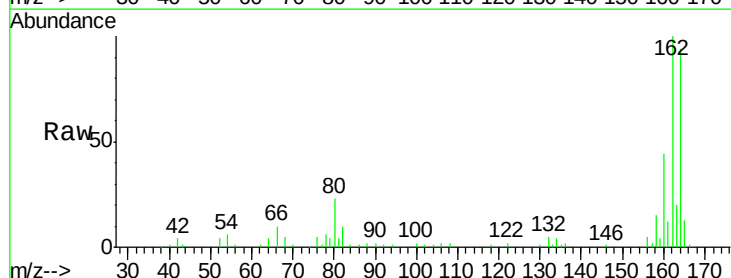


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

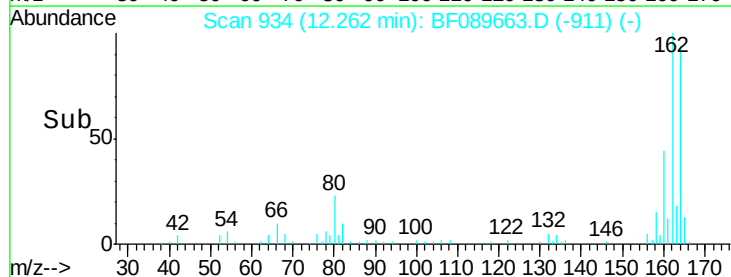
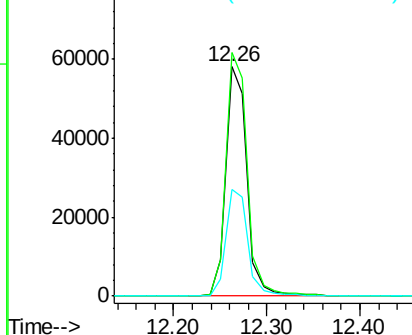


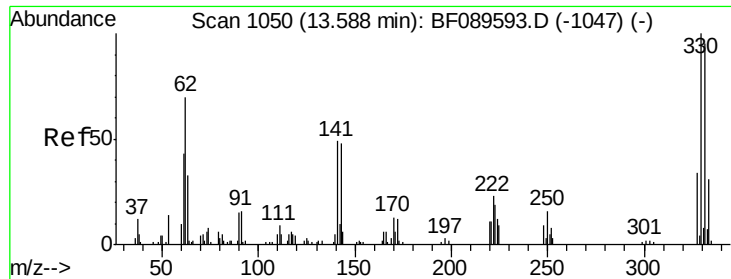
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.26 min Scan# 934
 Delta R.T. -0.03 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

Tgt Ion: 164 Resp: 91480
 Ion Ratio Lower Upper
 164 100
 162 106.1 85.7 128.5
 160 46.3 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

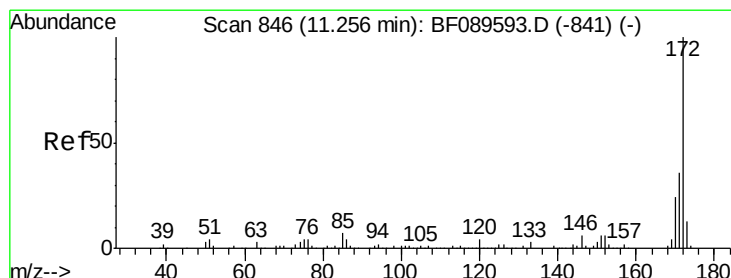
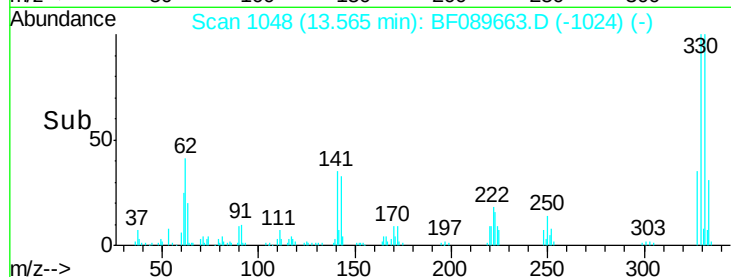
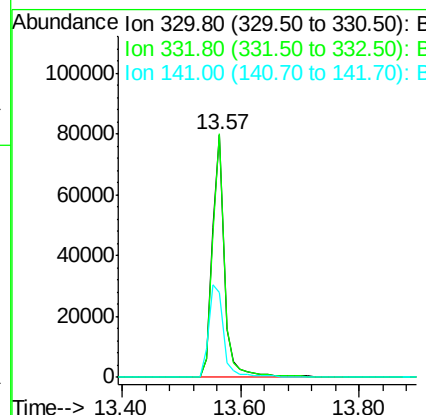
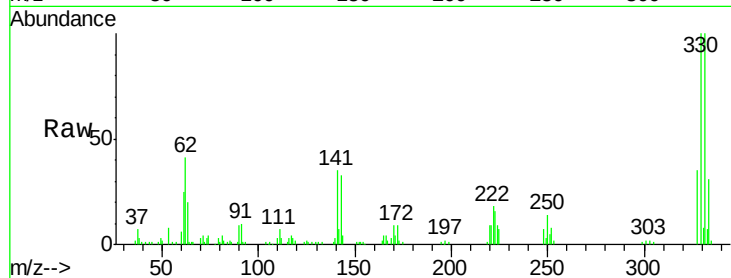




#41
 2,4,6-Tribromophenol
 Concen: 152.31 ng
 RT: 13.57 min Scan# 1048
 Delta R.T. -0.02 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

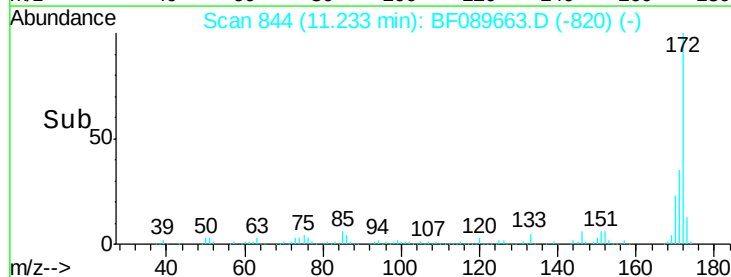
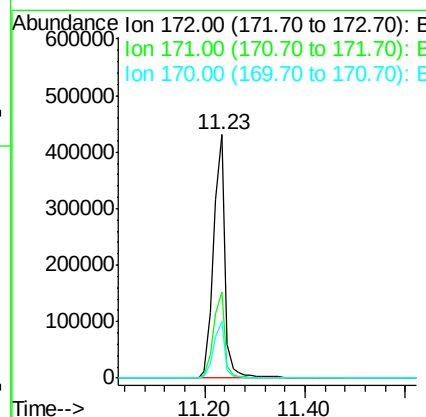
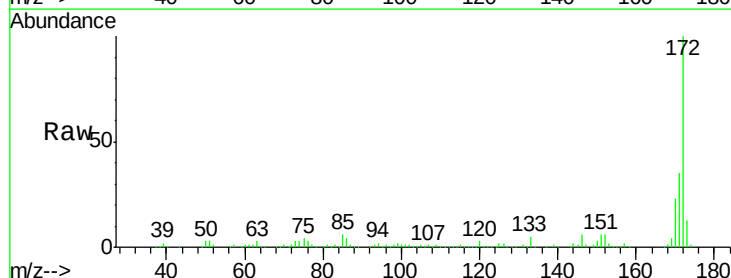
Instrument :
 BNA_F
 ClientSampled :
 CORE-E

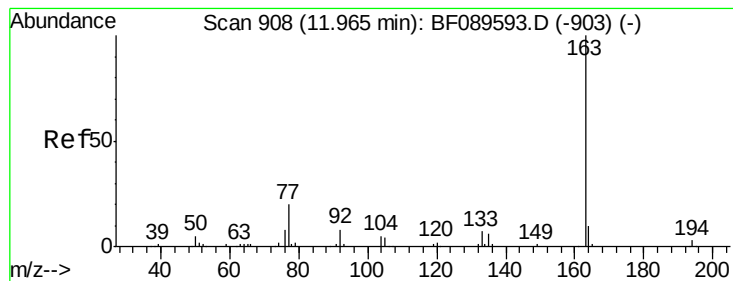
Tgt Ion: 330 Resp: 114981
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.0 115.6
 141 47.0 38.6 57.8



#44
 2-Fluorobiphenyl
 Concen: 97.18 ng
 RT: 11.23 min Scan# 844
 Delta R.T. -0.02 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

Tgt Ion: 172 Resp: 684007
 Ion Ratio Lower Upper
 172 100
 171 35.4 28.9 43.3
 170 23.4 19.0 28.6





#49

Dimethylphthalate

Concen: 18.75 ng

RT: 11.92 min Scan# 904

Delta R.T. -0.05 min

Lab File: BF089663.D

Acq: 8 Aug 2016 16:01

Instrument :

BNA_F

ClientSampleId :

CORE-E

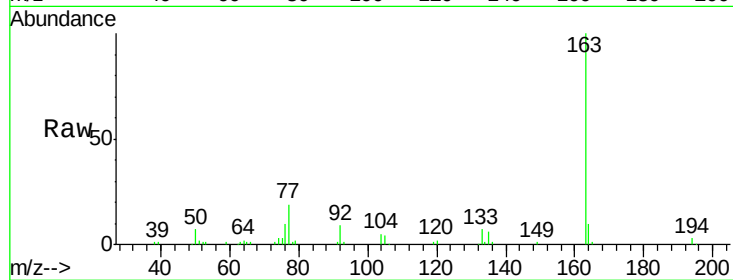
Tgt Ion:163 Resp: 134459

Ion Ratio Lower Upper

163 100

194 3.2 2.7 4.1

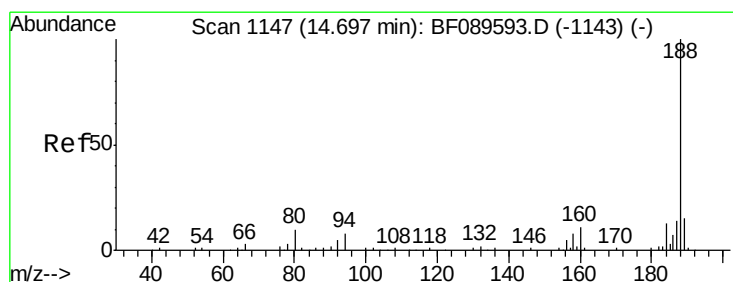
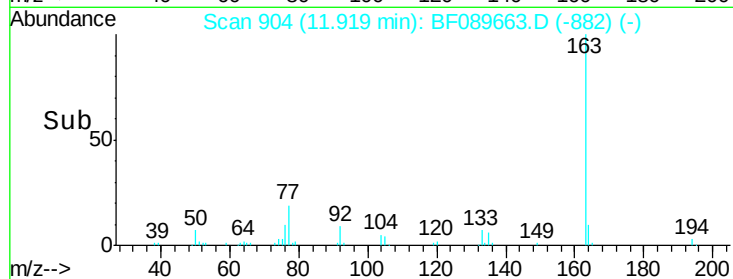
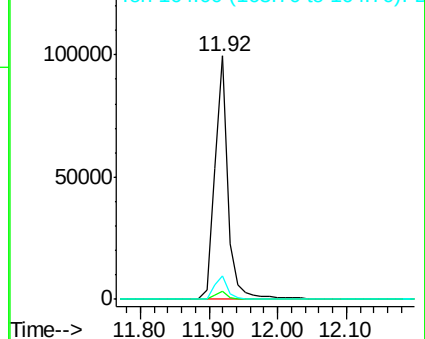
164 9.6 7.8 11.6



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: BF089663.D

Acq: 8 Aug 2016 16:01

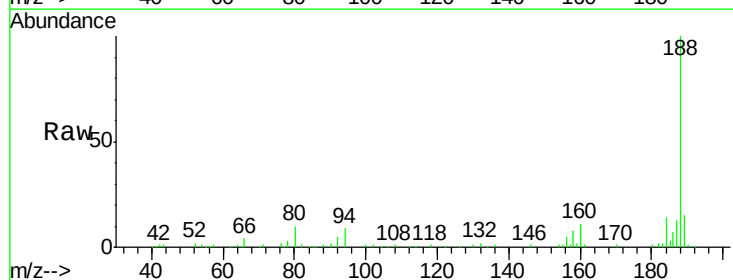
Tgt Ion:188 Resp: 186395

Ion Ratio Lower Upper

188 100

94 9.3 6.5 9.7

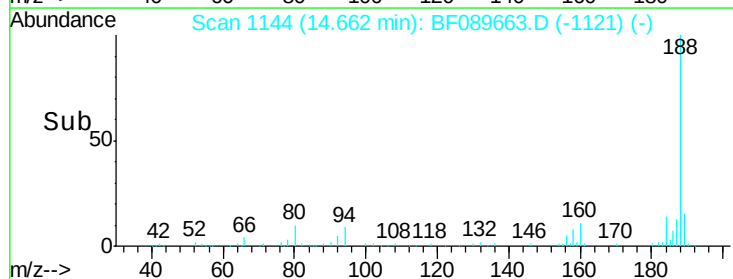
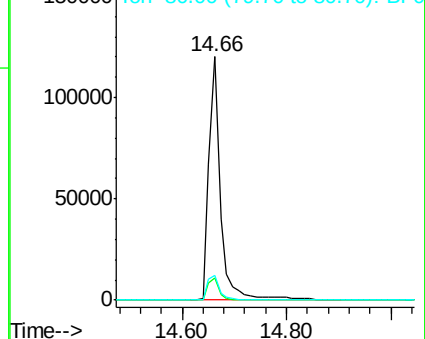
80 10.0 8.0 12.0

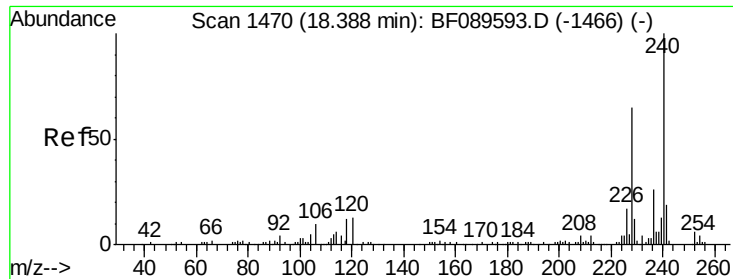


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

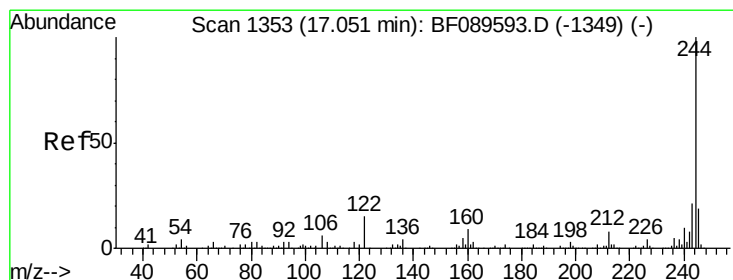
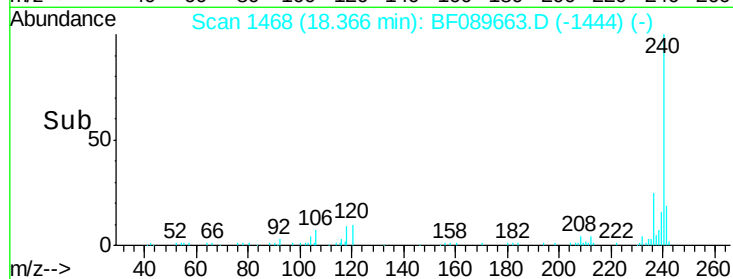
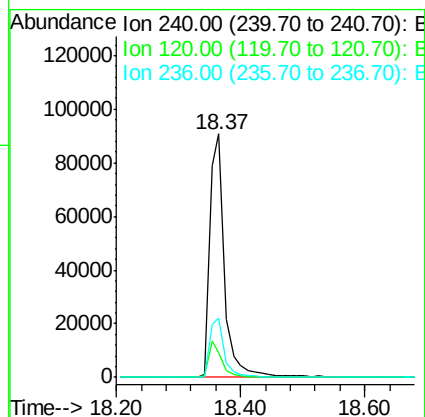
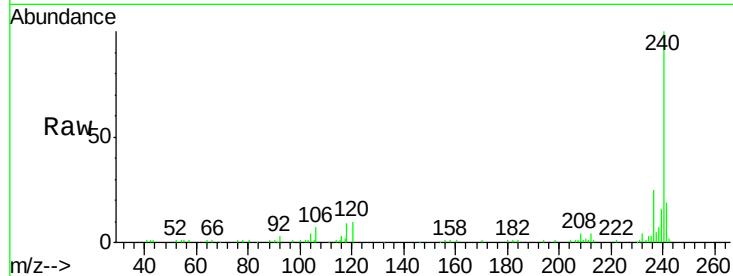




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.37 min Scan# 1468
 Delta R.T. -0.02 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

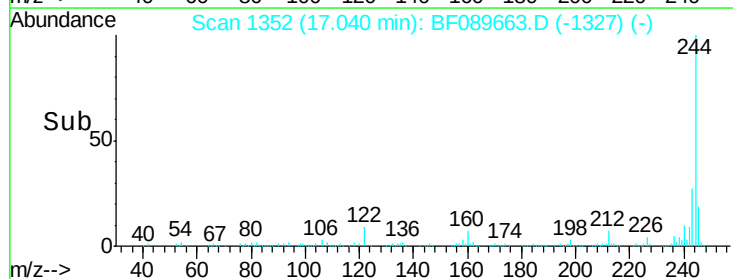
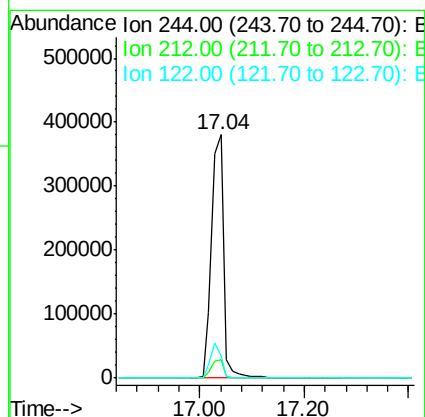
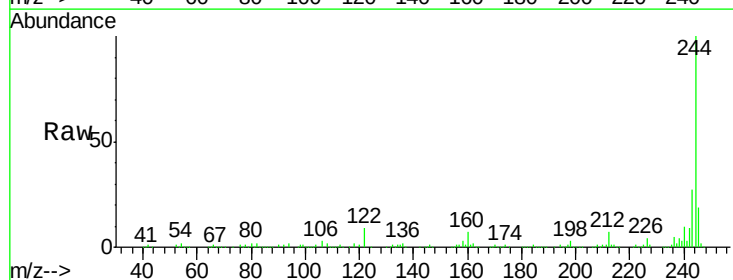
Instrument :
 BNA_F
 ClientSampleId :
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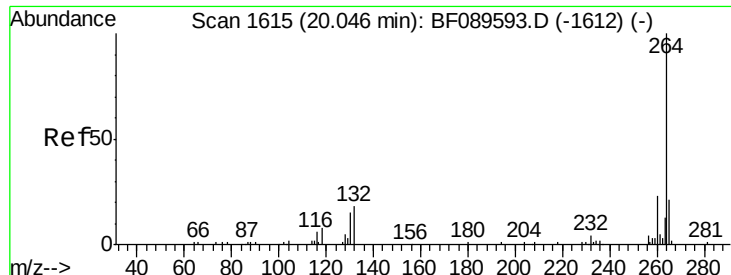
Tgt Ion:240 Resp: 148465
 Ion Ratio Lower Upper
 240 100
 120 9.9 10.6 15.8#
 236 24.6 20.6 30.8



#78
 Terphenyl-d14
 Concen: 82.40 ng
 RT: 17.04 min Scan# 1352
 Delta R.T. -0.01 min
 Lab File: BF089663.D
 Acq: 8 Aug 2016 16:01

Tgt Ion:244 Resp: 619710
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.4 9.6
 122 9.3 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: BF089663.D
Acq: 8 Aug 2016 16:01

Instrument :
BNA_F
ClientSampleId :
CORE-E

Tgt Ion: 264 Resp: 104877
Ion Ratio Lower Upper
264 100
260 23.7 18.7 28.1
265 22.3 16.5 24.7

