

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071216\
 Data File : BF088953.D
 Acq On : 13 Jul 2016 9:30
 Operator : UM/SJ
 Sample : H3999-01RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SES-MS-PH3-COA-01RE

Quant Time: Jul 13 13:14:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 11 18:13:32 2016
 Response via : Initial Calibration

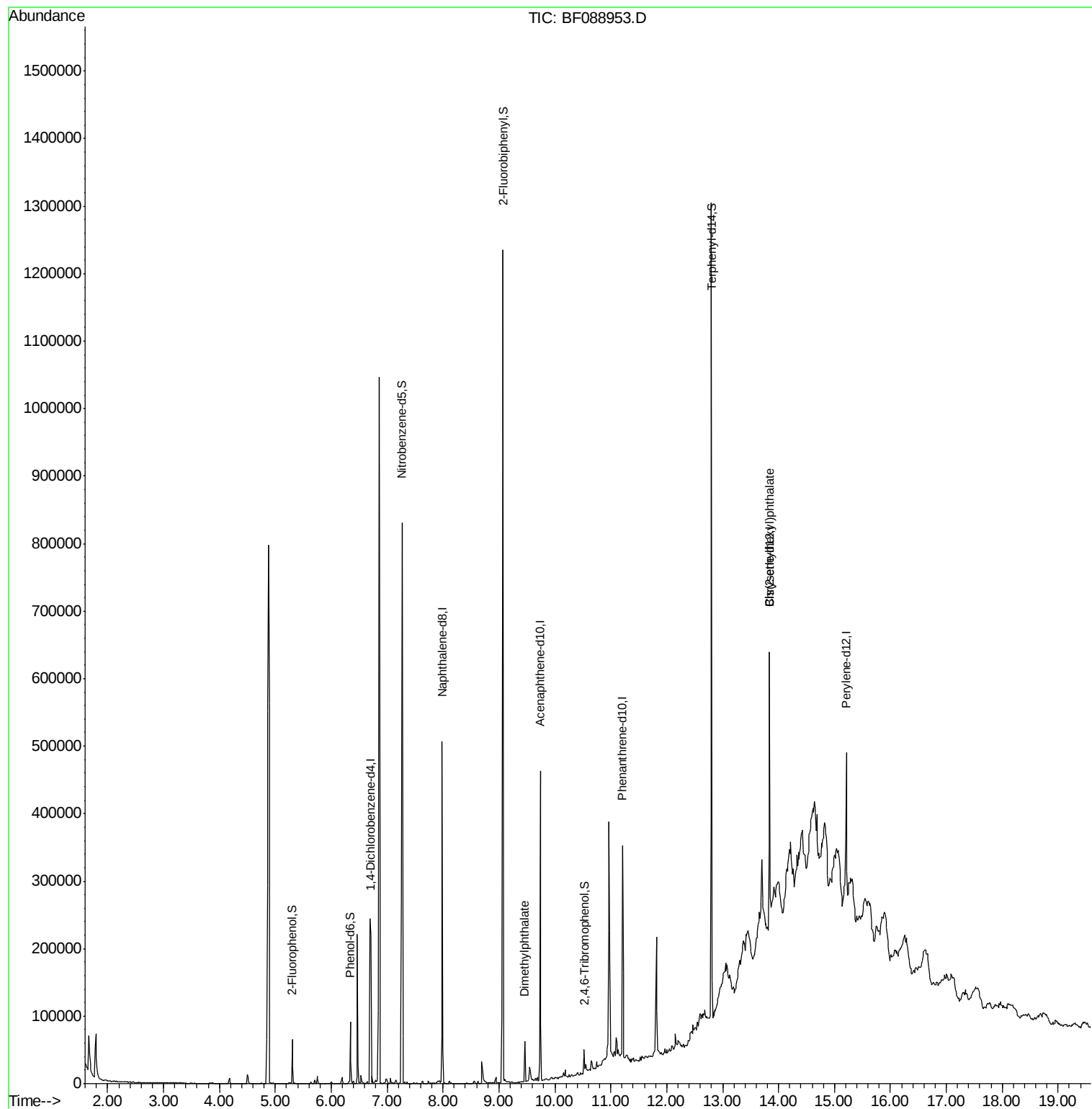
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	52006	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	210313	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	81195	20.00	ng	-0.01
63) Phenanthrene-d10	11.21	188	117488	20.00	ng	-0.01
75) Chrysene-d12	13.84	240	114373	20.00	ng	-0.01
86) Perylene-d12	15.21	264	87227	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	18526	5.34	ng	0.01
7) Phenol-d6	6.34	99	29889	6.67	ng	-0.01
23) Nitrobenzene-d5	7.27	82	285151	71.05	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	5479	7.27	ng	-0.01
44) 2-Fluorobiphenyl	9.07	172	532331	103.56	ng	0.00
78) Terphenyl-d14	12.80	244	334819	65.20	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	22309	3.86	ng	98
83) Bis(2-ethylhexyl)phthalate	13.84	149	16067	3.25	ng	# 97

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.71 min Scan# 448

Delta R.T. -0.00 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SES-MS-PH3-COA-01RE

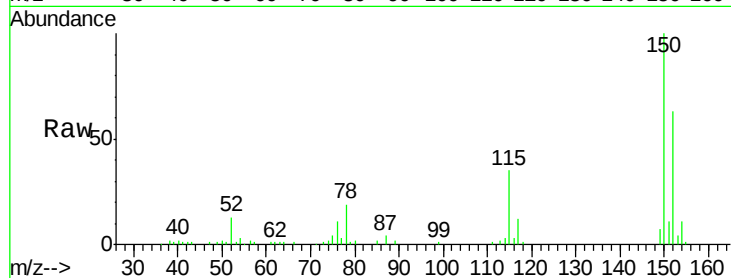
Tot Ion:152 Resp: 52006

Ion Ratio Lower Upper

152 100

150 157.8 123.8 185.6

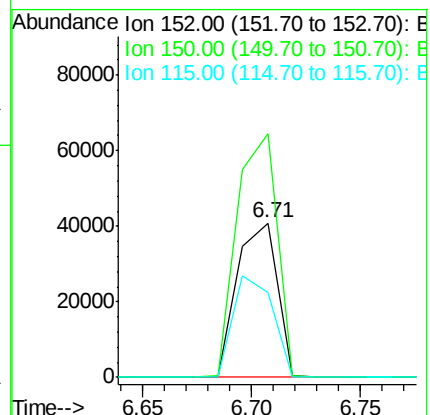
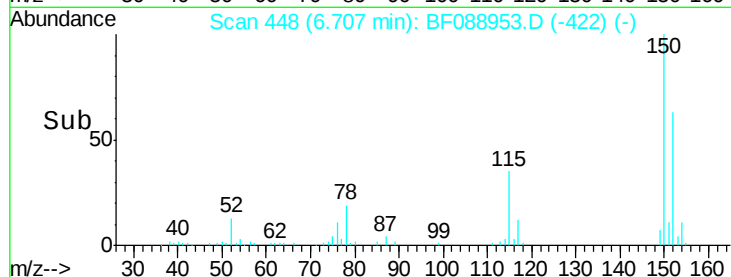
115 55.1 39.6 59.4



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: 5.34 ng

RT: 5.30 min Scan# 325

Delta R.T. 0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

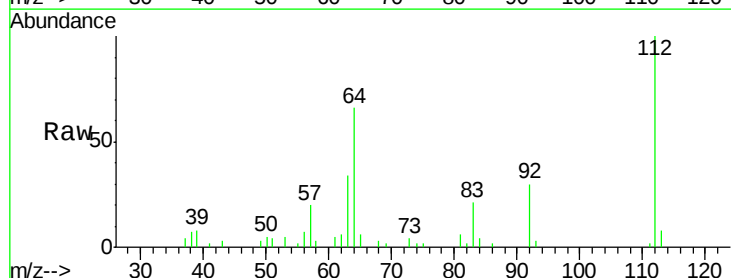
Tgt Ion:112 Resp: 18526

Ion Ratio Lower Upper

112 100

64 66.5 42.2 63.2#

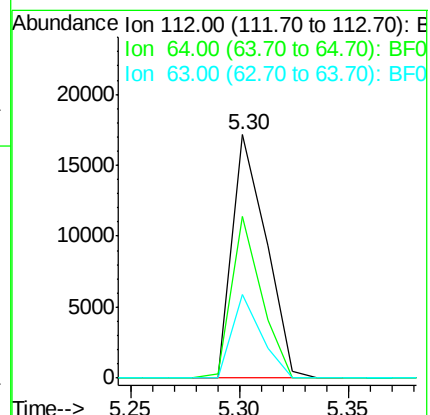
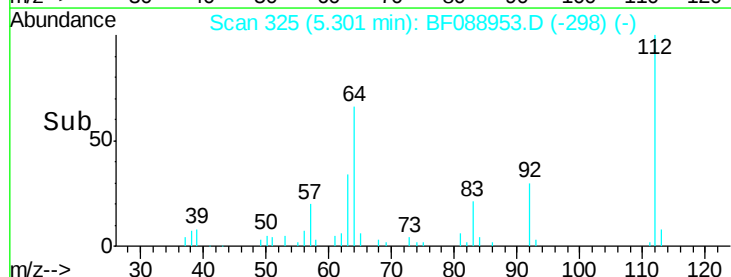
63 34.3 21.8 32.8#



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: 6.67 ng

RT: 6.34 min Scan# 416

Delta R.T. -0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SES-MS-PH3-COA-01RE

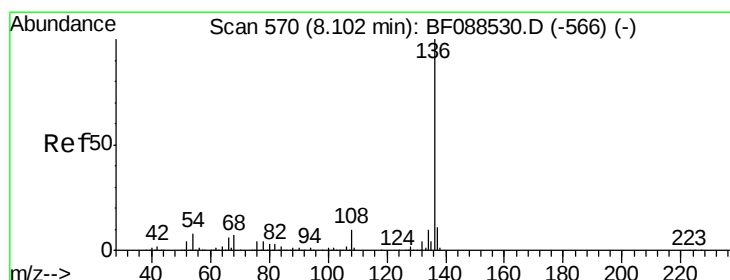
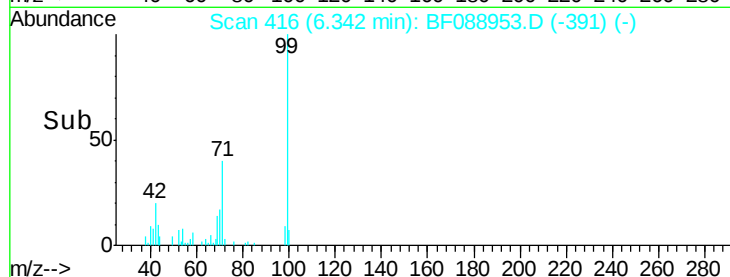
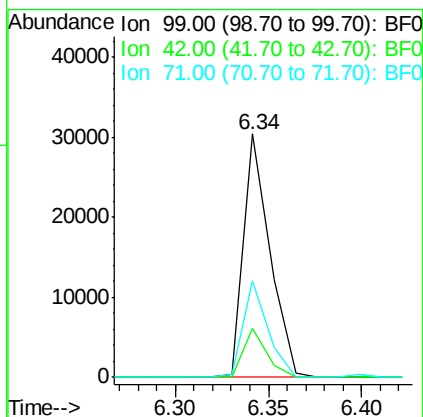
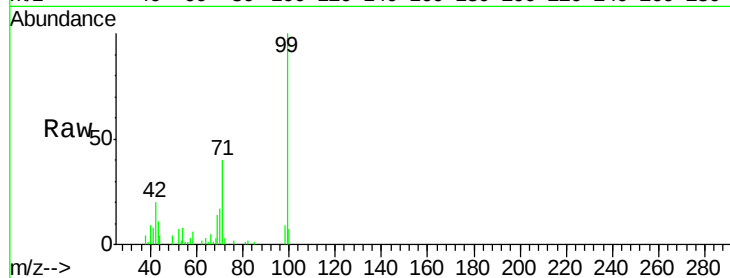
Tot Ion: 99 Resp: 29889

Ion Ratio Lower Upper

99 100

42 20.0 12.2 18.2#

71 39.8 23.4 35.0#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.99 min Scan# 560

Delta R.T. -0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Tgt Ion: 136 Resp: 210313

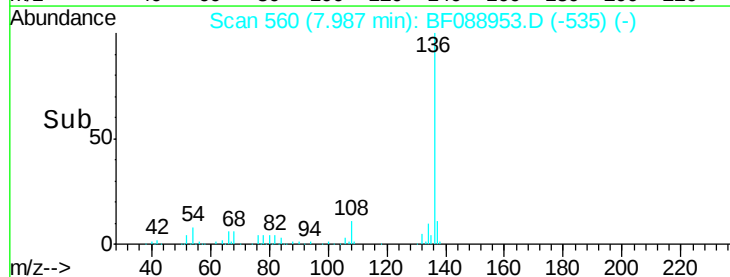
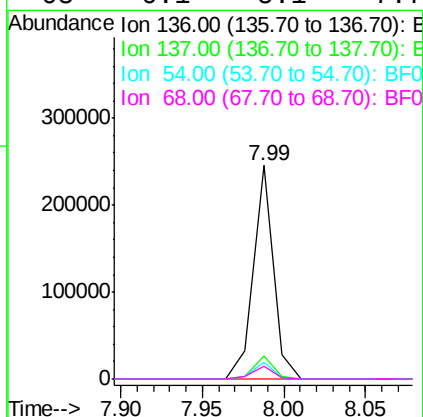
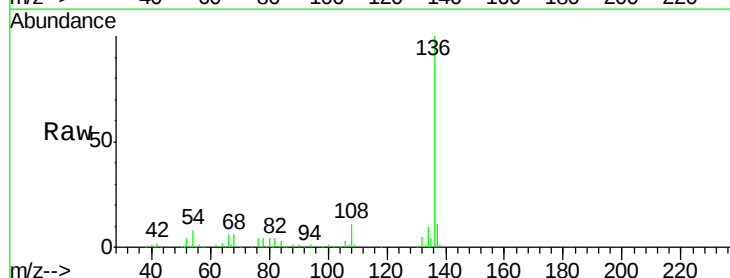
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 7.7 6.6 10.0

68 6.1 5.1 7.7

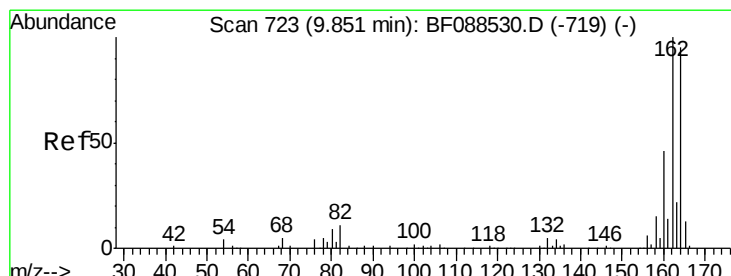
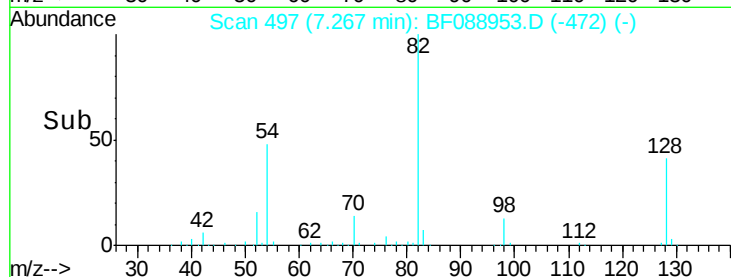
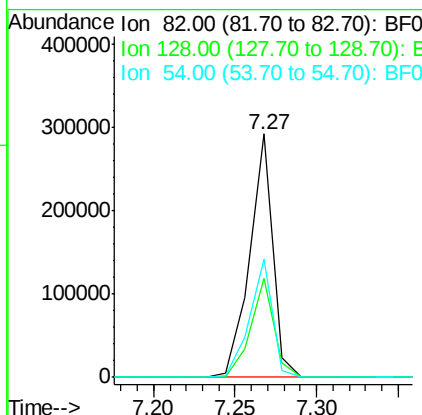
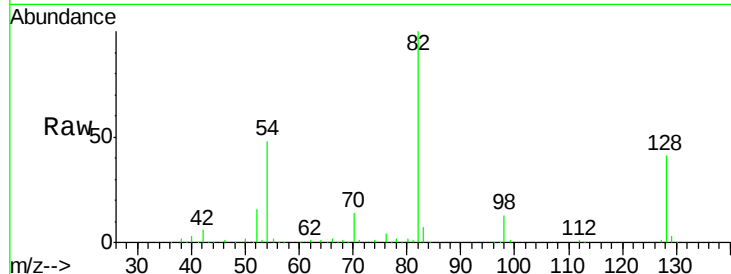




#23
Nitrobenzene-d5
Concen: 71.05 ng
RT: 7.27 min Scan# 497
Delta R.T. -0.01 min
Lab File: BF088953.D
Acq: 13 Jul 2016 9:30

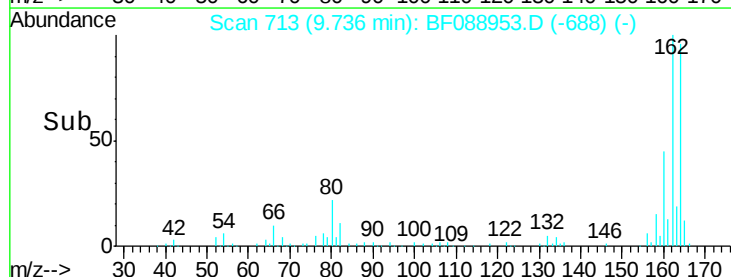
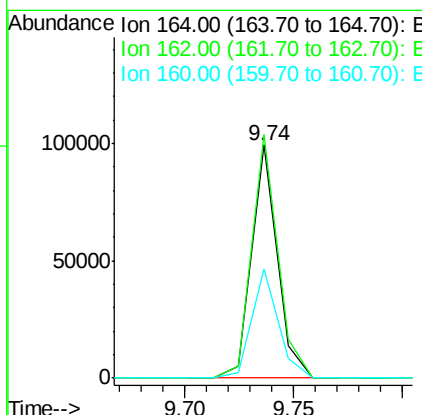
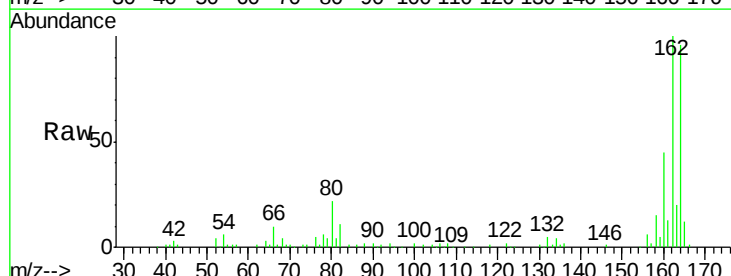
Instrument :
BNA_F
ClientSampleId :
SES-MS-PH3-COA-01RE

Tot Ion	82	Resp	285151
Ion Ratio	100	Lower	Upper
128	40.9	35.9	53.9
54	48.5	40.9	61.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.74 min Scan# 713
Delta R.T. -0.01 min
Lab File: BF088953.D
Acq: 13 Jul 2016 9:30

Tgt Ion	164	Resp	81195
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	104.6	85.4	128.2
160	46.7	39.5	59.3

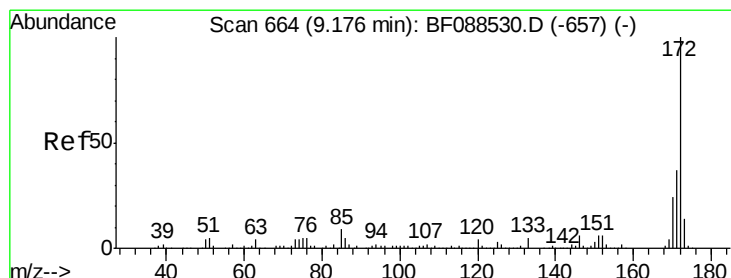
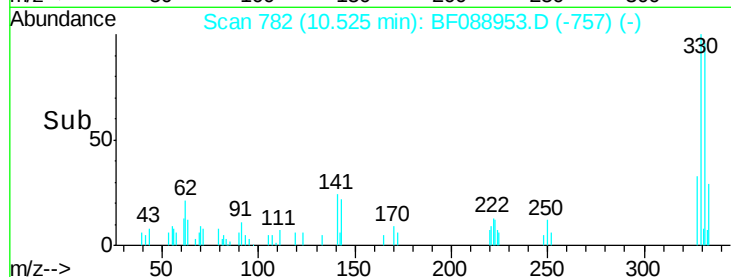
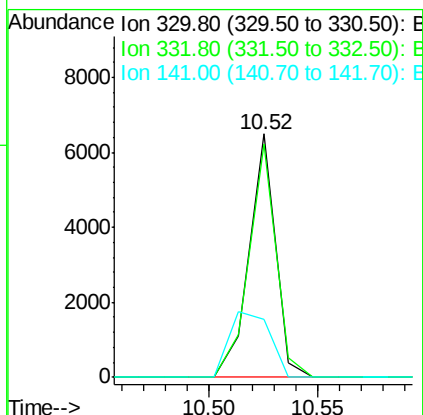
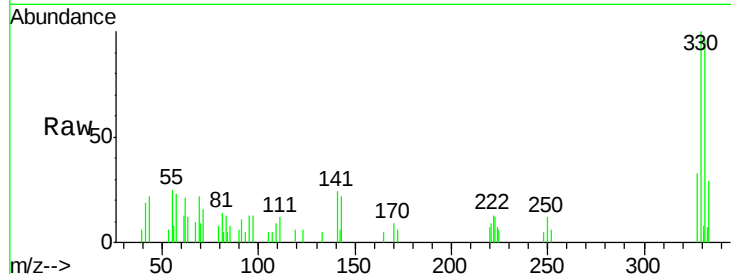




#41
 2,4,6-Tribromophenol
 Concen: 7.27 ng
 RT: 10.52 min Scan# 782
 Delta R.T. -0.01 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

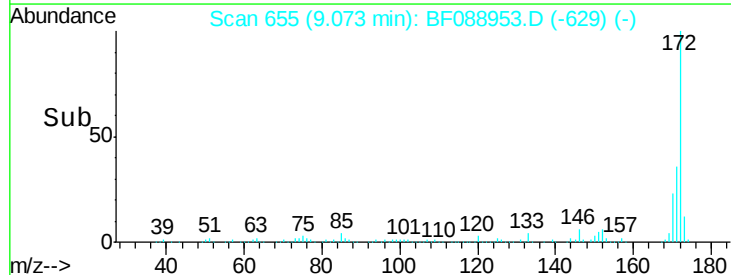
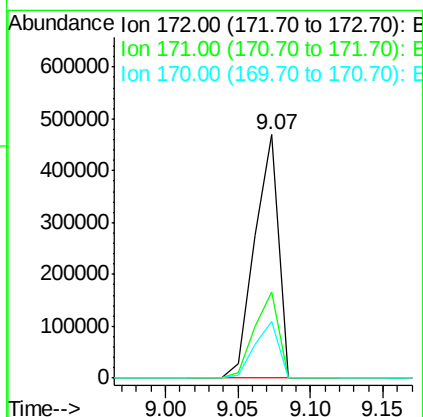
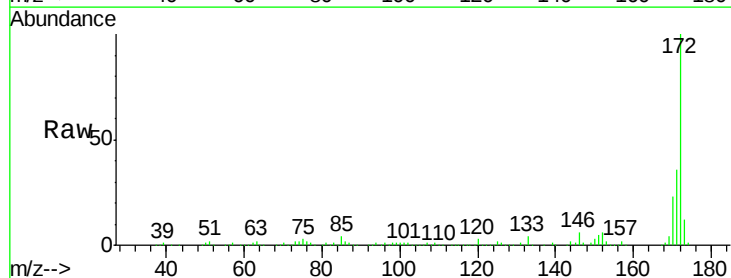
Instrument :
 BNA_F
 ClientSampleId :
 SES-MS-PH3-COA-01RE

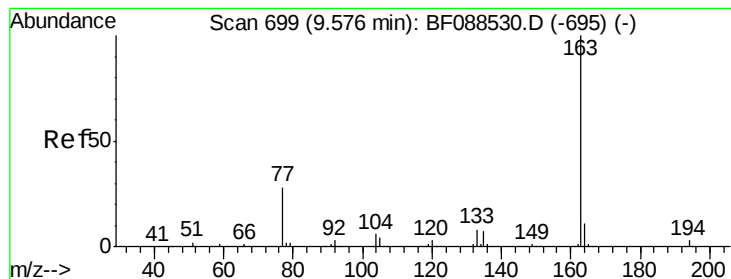
Tot Ion	Ratio	Lower	Upper
330	100		
332	98.7	0.0	0.0#
141	41.4	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 103.56 ng
 RT: 9.07 min Scan# 655
 Delta R.T. -0.00 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.6	43.0
170	23.4	19.2	28.8





#49

Dimethylphthalate

Concen: 3.86 ng

RT: 9.46 min Scan# 689

Delta R.T. -0.02 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SES-MS-PH3-COA-01RE

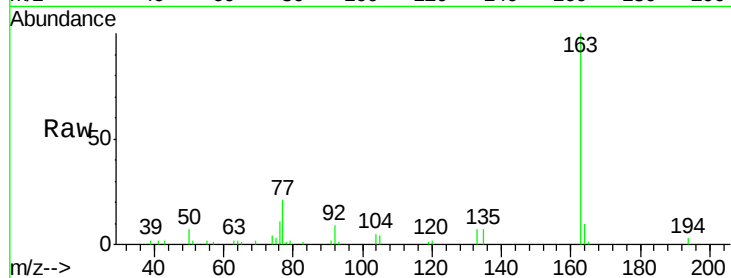
Tot Ion:163 Resp: 22309

Ion Ratio Lower Upper

163 100

194 3.1 2.8 4.2

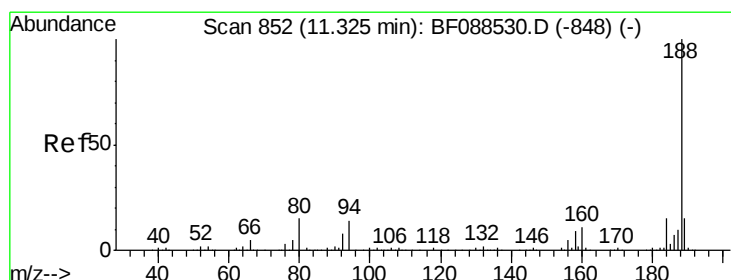
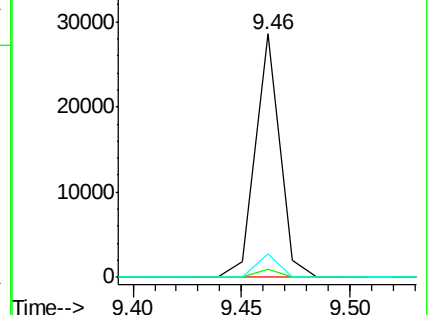
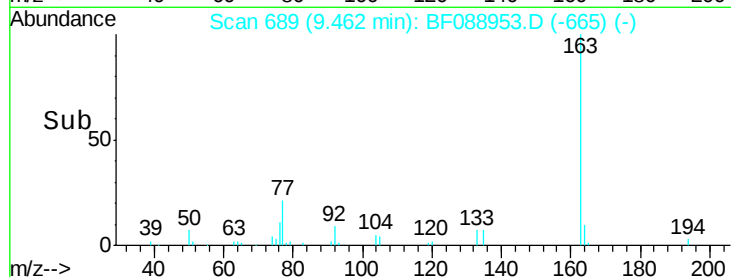
164 9.6 8.3 12.5



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: 11.21 min Scan# 842

Delta R.T. -0.01 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

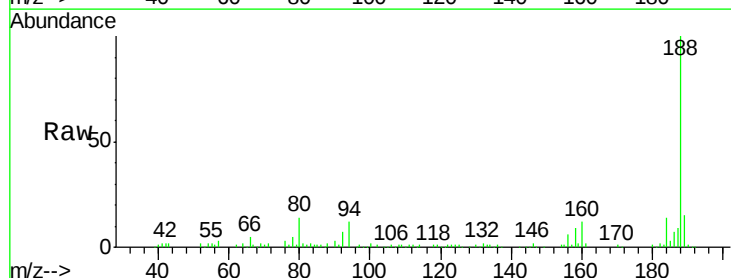
Tgt Ion:188 Resp: 117488

Ion Ratio Lower Upper

188 100

94 12.4 9.0 13.6

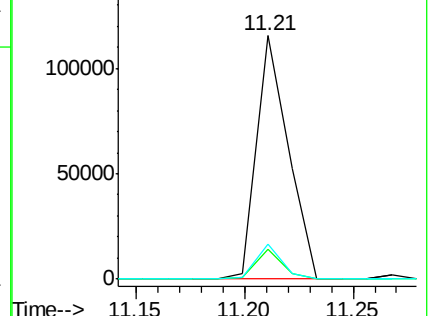
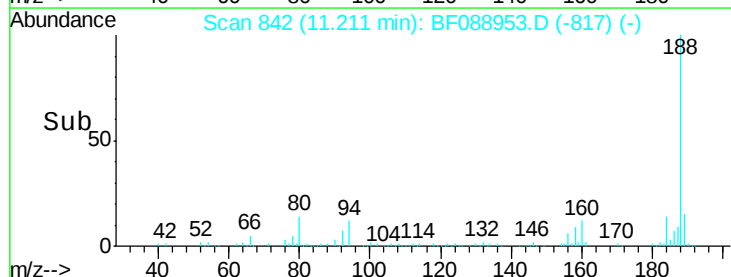
80 14.5 10.0 15.0

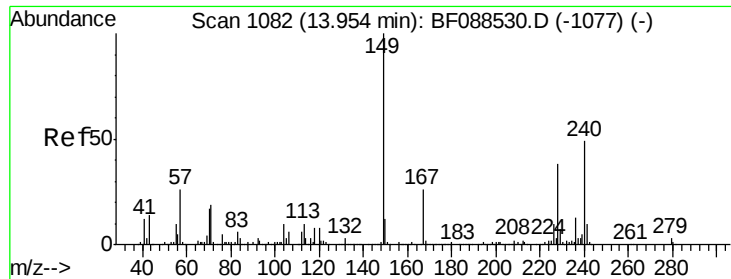


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

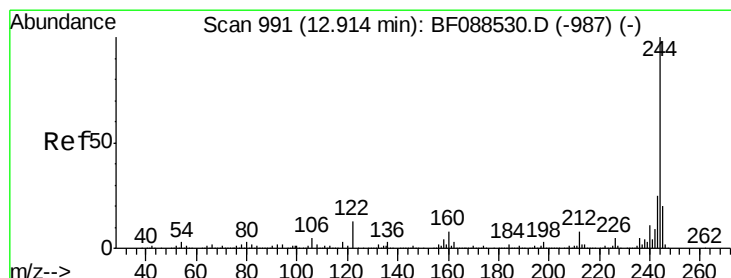
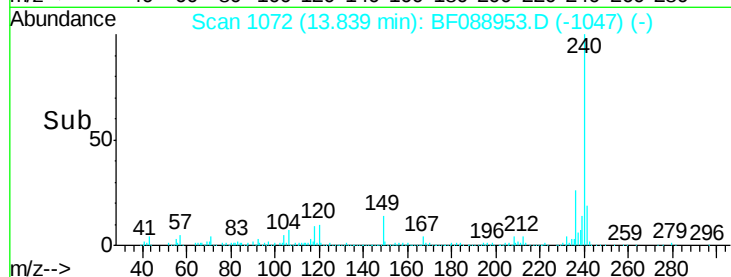
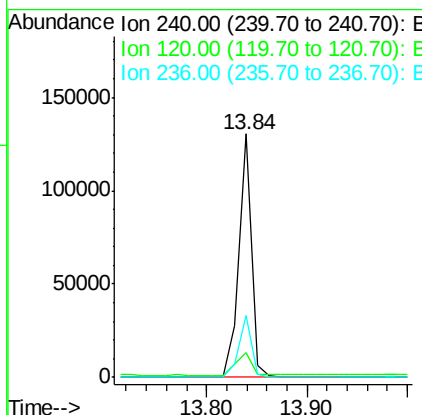
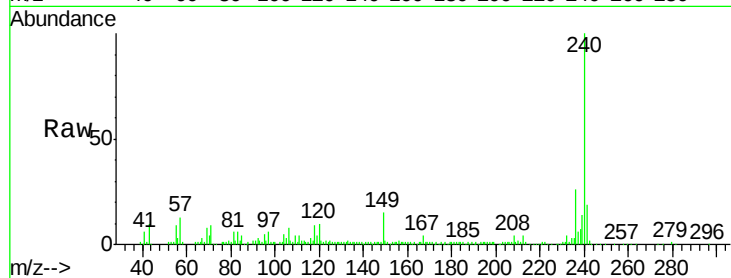




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.84 min Scan# 1072
 Delta R.T. -0.01 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

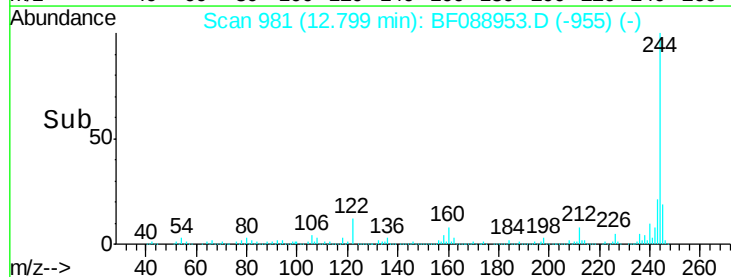
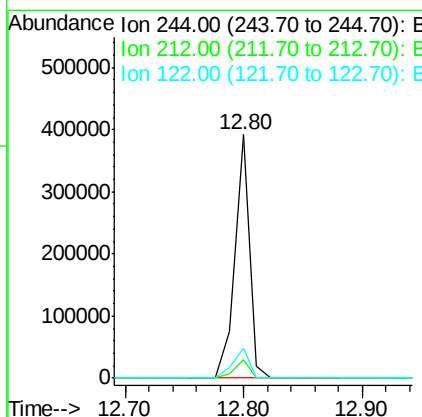
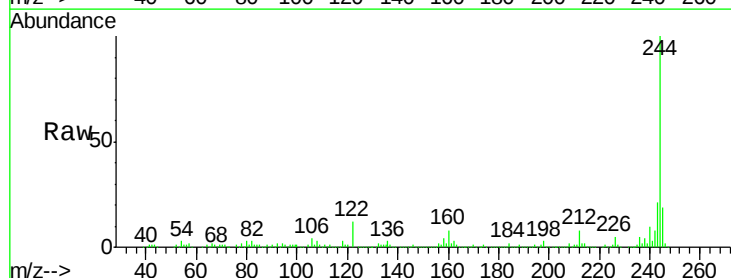
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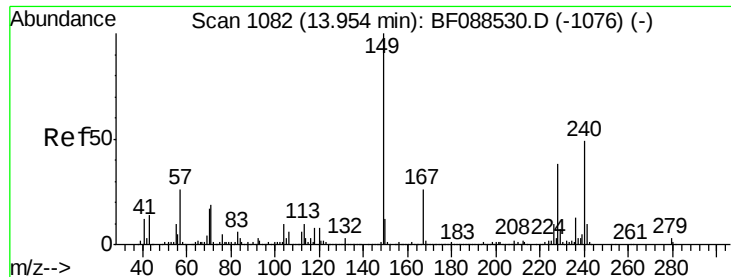
Tot Ion:240 Resp: 114373
 Ion Ratio Lower Upper
 240 100
 120 10.4 6.8 10.2#
 236 25.6 20.2 30.2



#78
 Terphenyl-d14
 Concen: 65.20 ng
 RT: 12.80 min Scan# 981
 Delta R.T. -0.00 min
 Lab File: BF088953.D
 Acq: 13 Jul 2016 9:30

Tgt Ion:244 Resp: 334819
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 12.2 11.2 16.8





#83

Bis(2-ethylhexyl)phthalate

Concen: 3.25 ng

RT: 13.84 min Scan# 1072

Delta R.T. -0.00 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

Instrument :

BNA_F

ClientSampleId :

SES-MS-PH3-COA-01RE

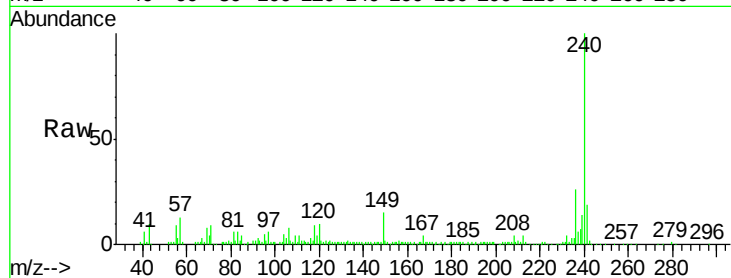
Tot Ion:149 Resp: 16067

Ion Ratio Lower Upper

149 100

167 26.9 20.5 30.7

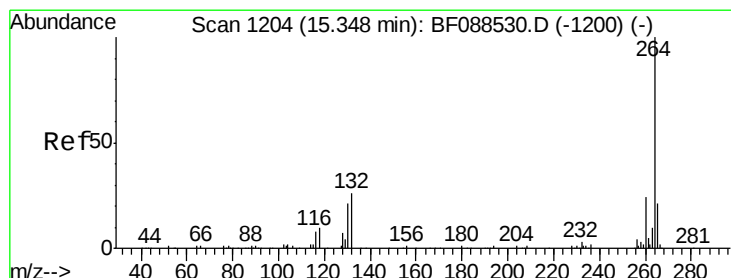
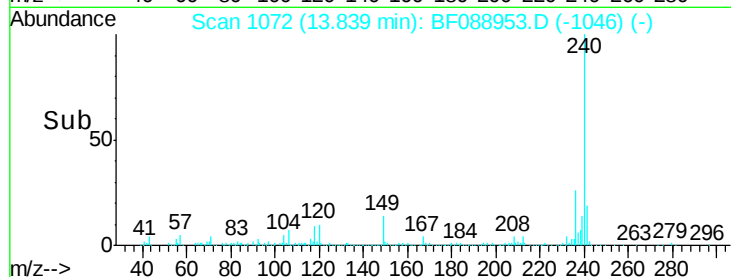
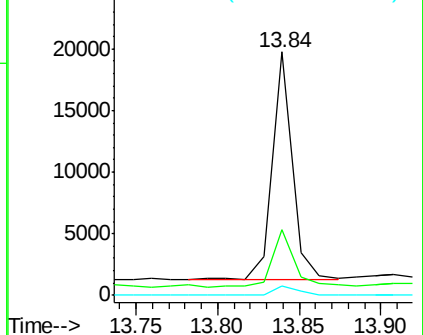
279 4.0 2.0 3.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.21 min Scan# 1192

Delta R.T. -0.00 min

Lab File: BF088953.D

Acq: 13 Jul 2016 9:30

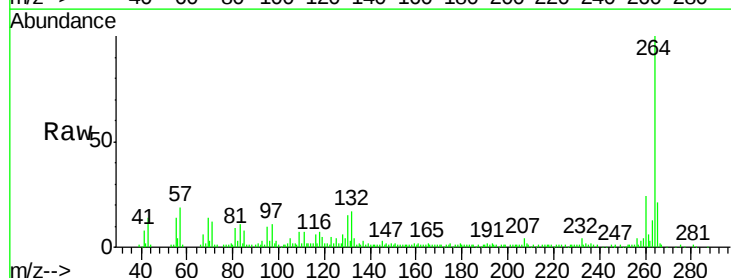
Tgt Ion:264 Resp: 87227

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.5 16.9 25.3



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

