

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071816\
 Data File : BF089106.D
 Acq On : 19 Jul 2016 4:07
 Operator : UM/SJ
 Sample : H3972-14DL 10X
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)DL

Quant Time: Jul 19 05:30:36 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF063016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 03:29:12 2016
 Response via : Initial Calibration

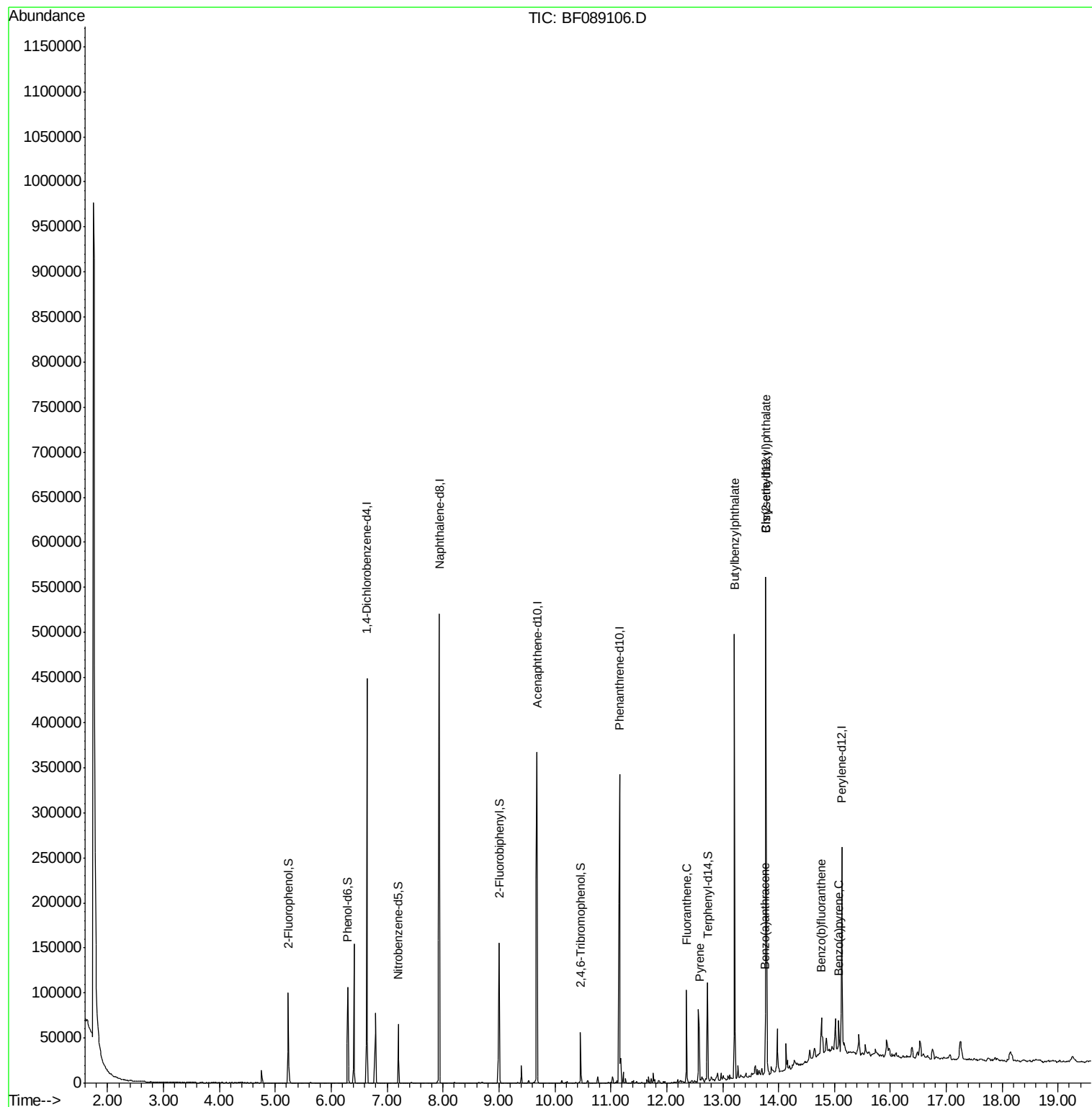
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.64	152	60410m	20.00	ng	0.00
21) Naphthalene-d8	7.93	136	240247	20.00	ng	0.00
38) Acenaphthene-d10	9.68	164	88273	20.00	ng	0.00
63) Phenanthrene-d10	11.15	188	152453	20.00	ng	0.00
75) Chrysene-d12	13.77	240	114480	20.00	ng	0.00
86) Perylene-d12	15.13	264	85323	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.23	112	32641	8.10	ng	0.01
7) Phenol-d6	6.30	99	43238	8.30	ng	0.00
23) Nitrobenzene-d5	7.20	82	24107	5.26	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	5370	6.55	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	48311	8.64	ng	0.00
78) Terphenyl-d14	12.73	244	31476	6.12	ng	0.00
Target Compounds						Qvalue
74) Fluoranthene	12.35	202	38388	4.54	ng	95
77) Pyrene	12.58	202	32942	3.39	ng	98
79) Butylbenzylphthalate	13.21	149	102043	23.57	ng	# 79
80) Benzo(a)anthracene	13.76	228	19156	2.60	ng	96
83) Bis(2-ethylhexyl)phthalate	13.77	149	56749	11.48	ng	# 96
87) Benzo(b)fluoranthene	14.77	252	18423m	3.44	ng	
89) Benzo(a)pyrene	15.07	252	12024m	2.65	ng	

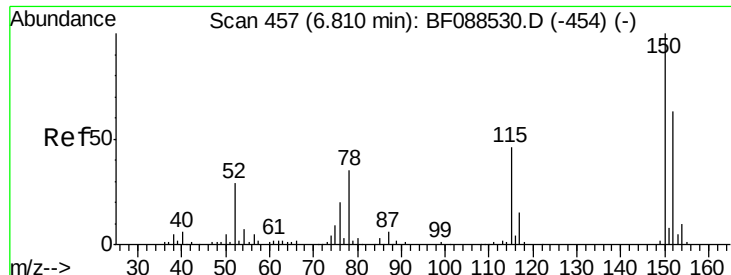
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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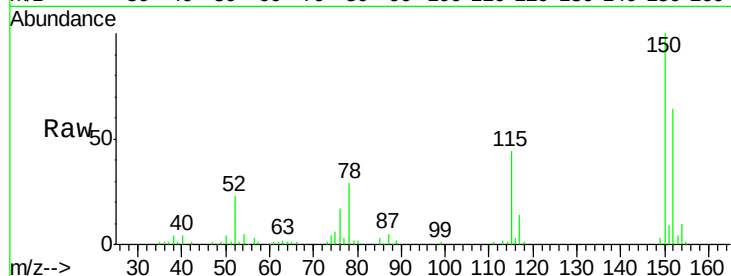


#1

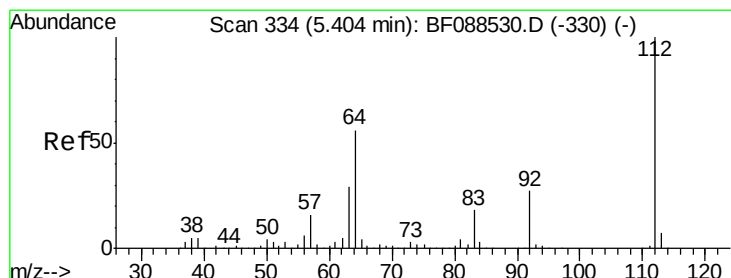
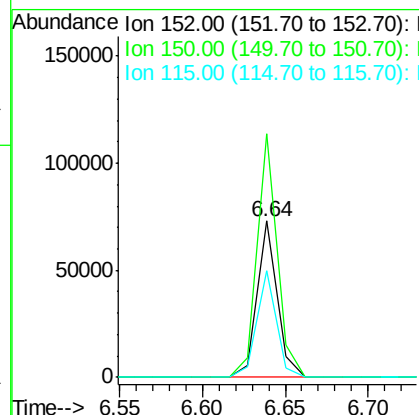
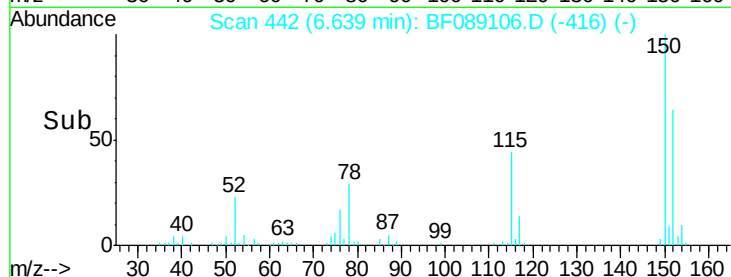
1,4-Dichlorobenzene-d4
Concen: 20.00 ng/ml
RT: 6.64 min Scan# 442
Delta R.T. -0.00 min
Lab File: BF089106.D
Acq: 19 Jul 2016 4:07

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)DL

Tot Ion:152 Resp: 60410
Ion Ratio Lower Upper
152 100
150 156.1 123.8 185.6
115 68.3 39.6 59.4#



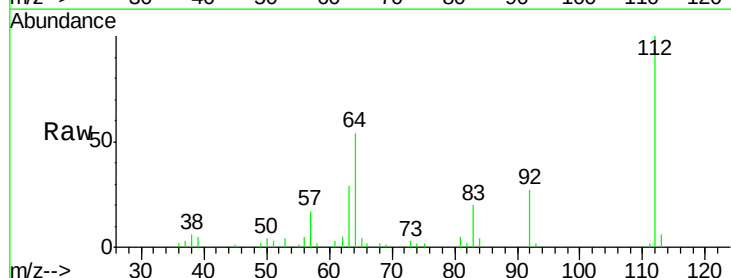
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



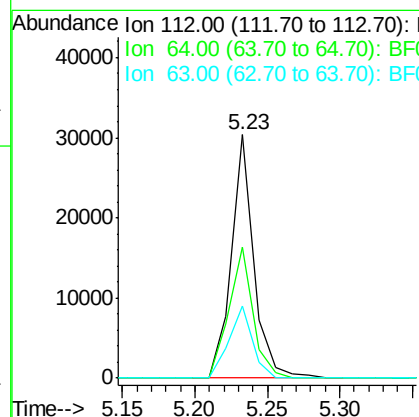
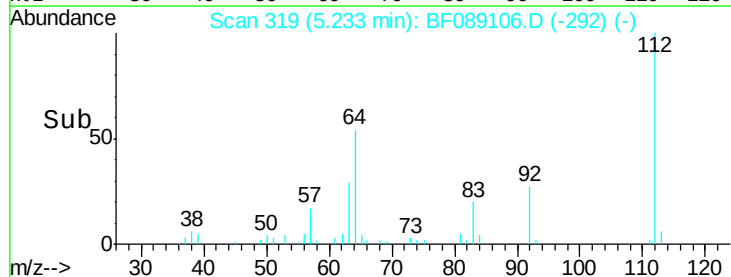
#5

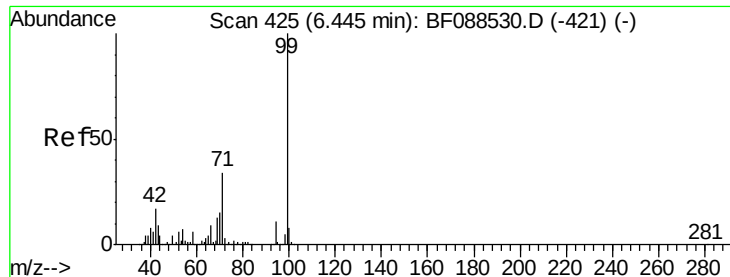
2-Fluorophenol
Concen: 8.10 ng
RT: 5.23 min Scan# 319
Delta R.T. 0.01 min
Lab File: BF089106.D
Acq: 19 Jul 2016 4:07

Tgt Ion:112 Resp: 32641
Ion Ratio Lower Upper
112 100
64 53.9 42.2 63.2
63 29.5 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: 8.30 ng

RT: 6.30 min Scan# 412

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)DL

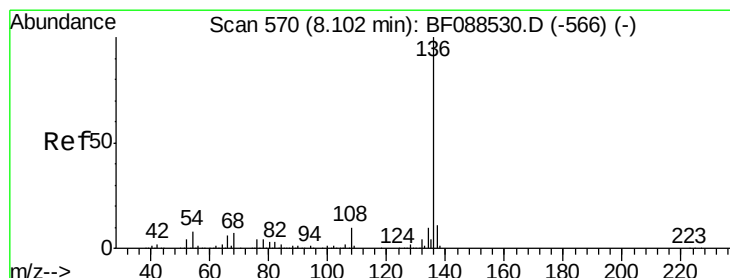
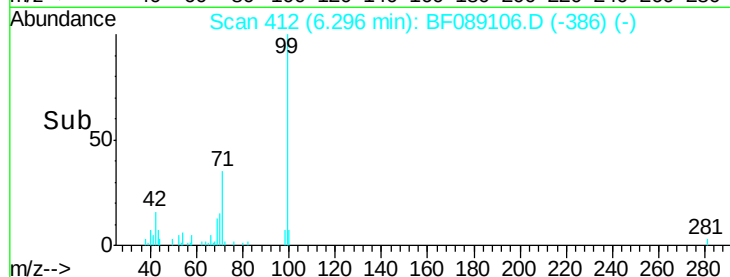
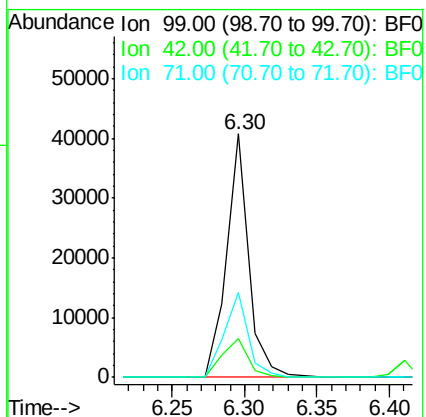
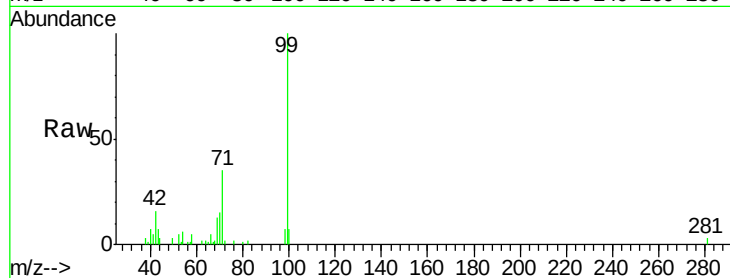
Tot Ion: 99 Resp: 43238

Ion Ratio Lower Upper

99 100

42 15.7 12.2 18.2

71 34.9 23.4 35.0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.93 min Scan# 555

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

Tgt Ion: 136 Resp: 240247

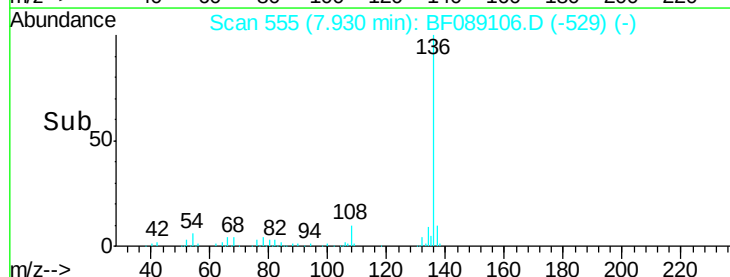
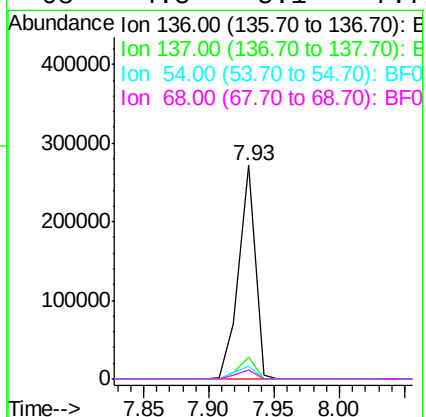
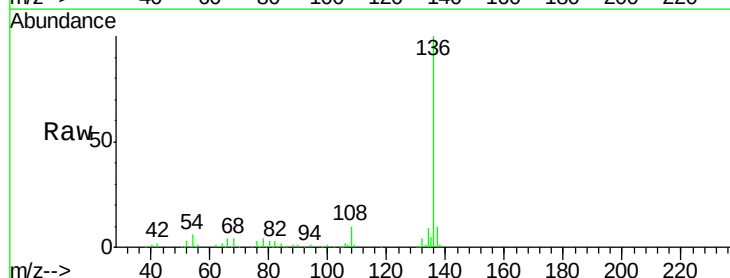
Ion Ratio Lower Upper

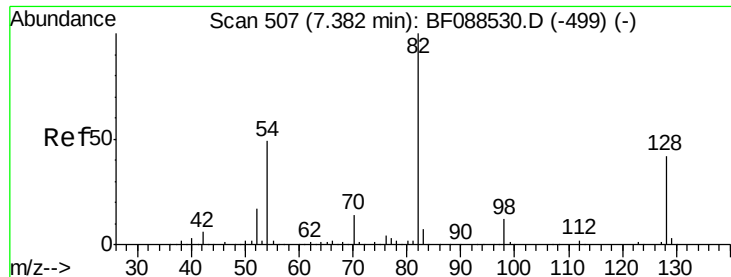
136 100

137 10.4 9.1 13.7

54 5.8 6.6 10.0#

68 4.5 5.1 7.7#

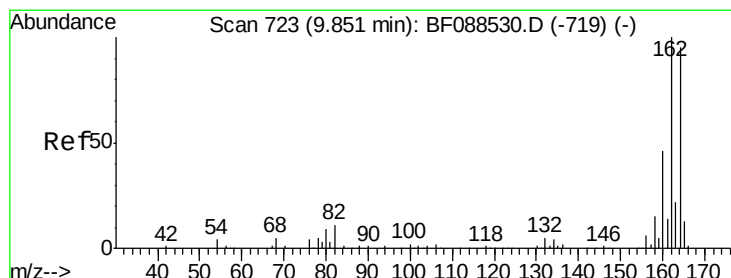
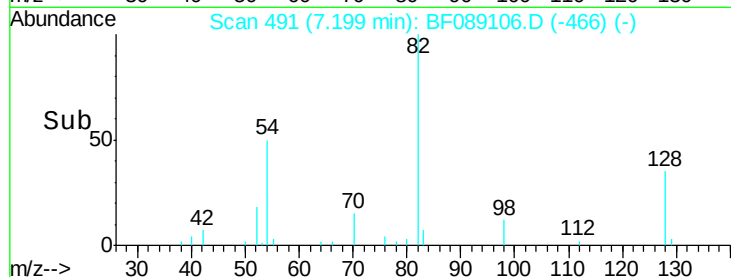
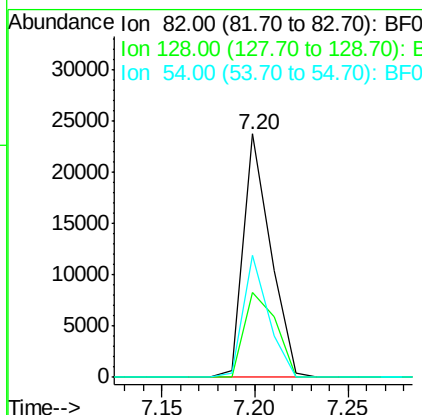
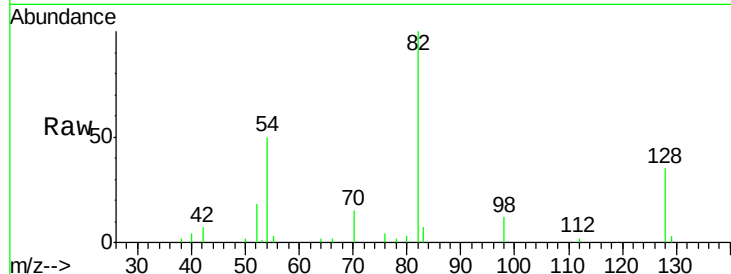




#23
 Nitrobenzene-d5
 Concen: 5.26 ng
 RT: 7.20 min Scan# 491
 Delta R.T. -0.01 min
 Lab File: BF089106.D
 Acq: 19 Jul 2016 4:07

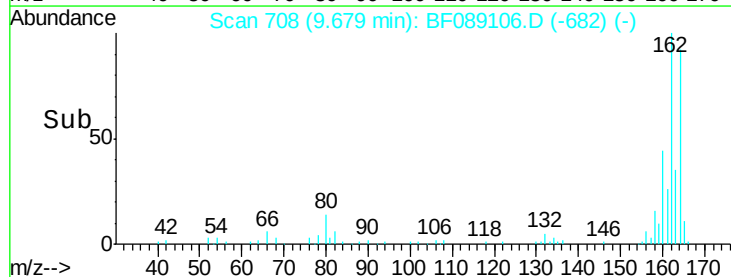
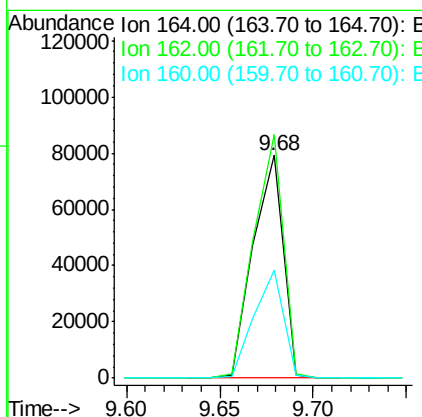
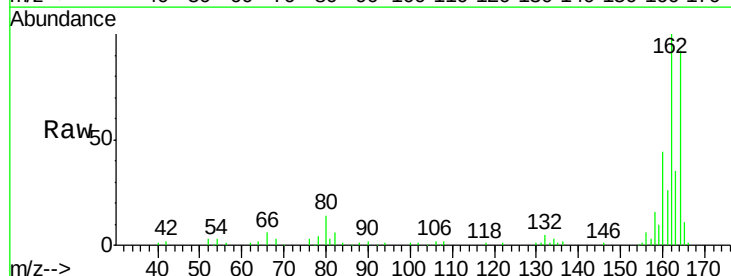
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)DL

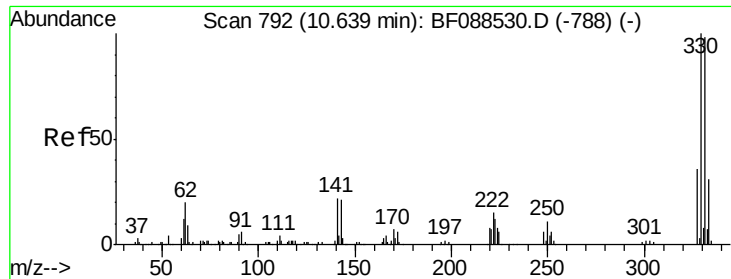
Tot Ion	82	Resp	24107
Ion Ratio	Lower	Upper	
82	100		
128	35.0	35.9	53.9#
54	50.3	40.9	61.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.68 min Scan# 708
 Delta R.T. -0.00 min
 Lab File: BF089106.D
 Acq: 19 Jul 2016 4:07

Tgt Ion	164	Resp	88273
Ion Ratio	Lower	Upper	
164	100		
162	109.1	85.4	128.2
160	48.2	39.5	59.3

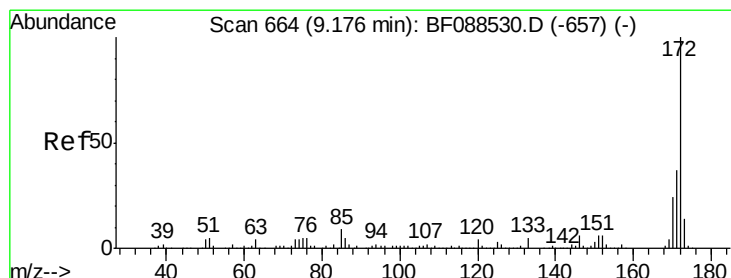
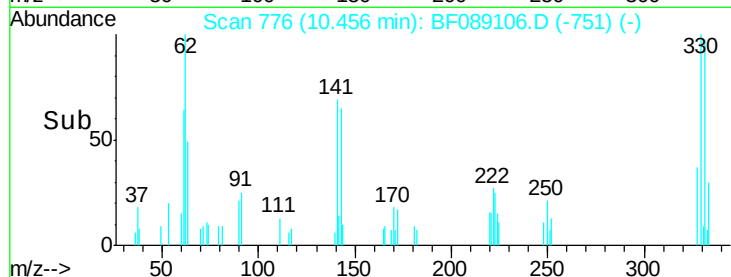
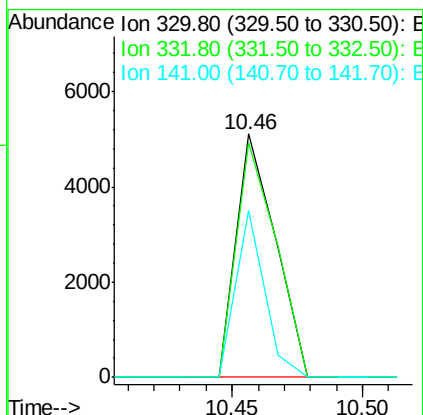
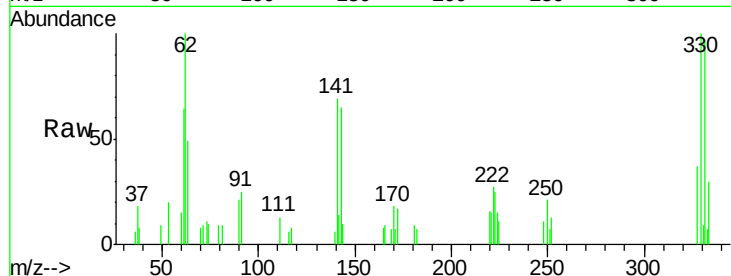




#41
 2,4,6-Tribromophenol
 Concen: 6.55 ng
 RT: 10.46 min Scan# 776
 Delta R.T. -0.01 min
 Lab File: BF089106.D
 Acq: 19 Jul 2016 4:07

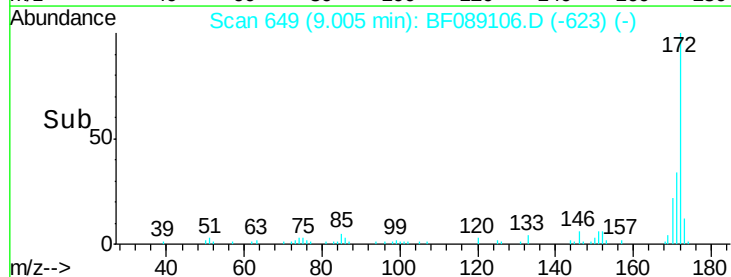
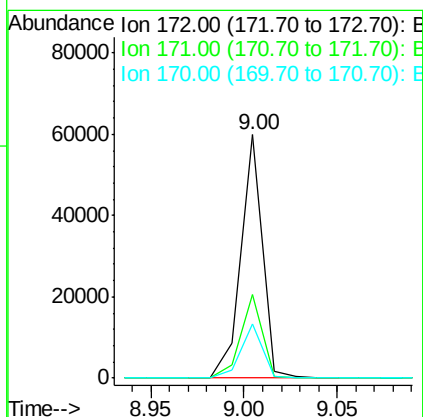
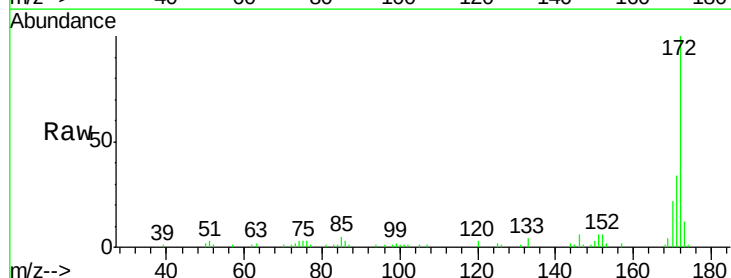
Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)DL

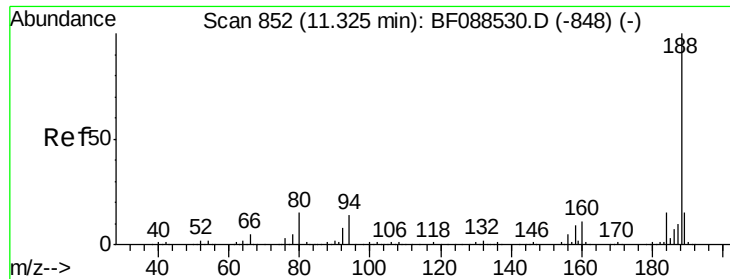
Tot Ion:	330	Resp:	5370
Ion	Ratio	Lower	Upper
330	100		
332	98.0	0.0	0.0#
141	50.8	0.0	0.0#



#44
 2-Fluorobiphenyl
 Concen: 8.64 ng
 RT: 9.00 min Scan# 649
 Delta R.T. -0.00 min
 Lab File: BF089106.D
 Acq: 19 Jul 2016 4:07

Tgt Ion:	172	Resp:	48311
Ion	Ratio	Lower	Upper
172	100		
171	34.2	28.6	43.0
170	22.4	19.2	28.8

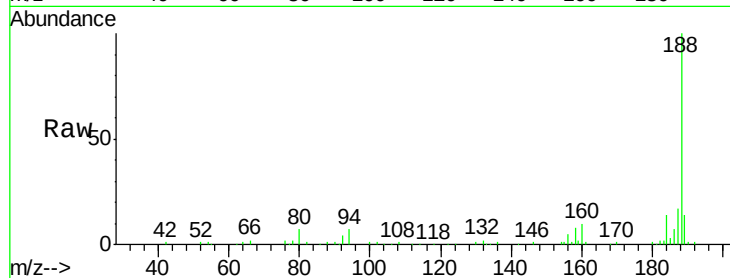




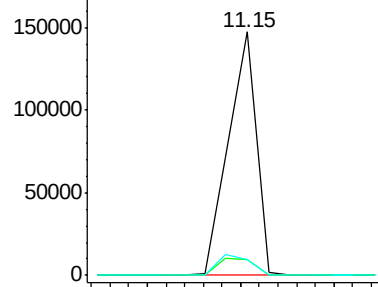
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.15 min Scan# 837
 Delta R.T. -0.00 min
 Lab File: BF089106.D
 Acq: 19 Jul 2016 4:07

Instrument :
 BNA_F
 ClientSampleId :
 LSS-SS-SS04(0-2in)DL

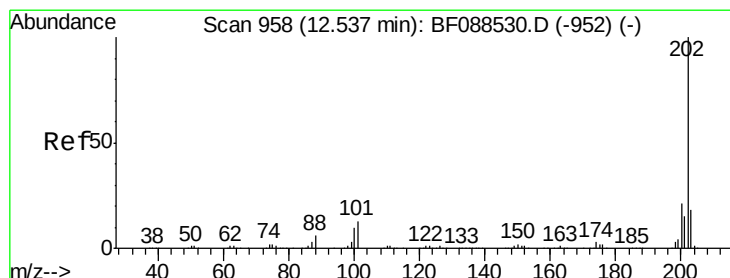
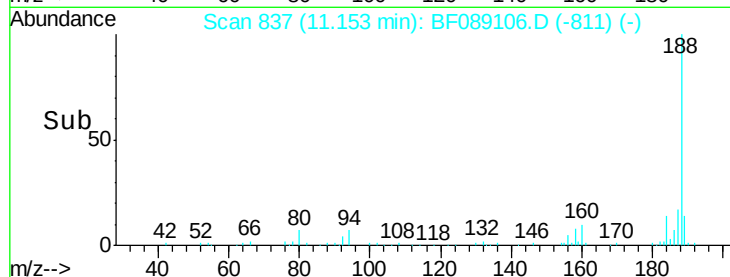
Tot Ion:188 Resp: 152453
 Ion Ratio Lower Upper
 188 100
 94 6.6 9.0 13.6#
 80 6.7 10.0 15.0#



Abundance Ion 188.00 (187.70 to 188.70): E
 200000
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

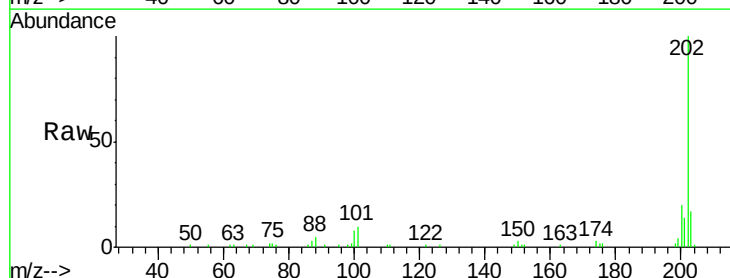


Time-->

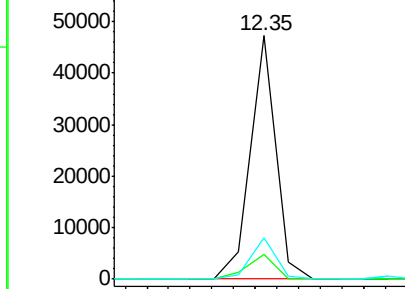


#74
 Fluoranthene
 Concen: 4.54 ng
 RT: 12.35 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF089106.D
 Acq: 19 Jul 2016 4:07

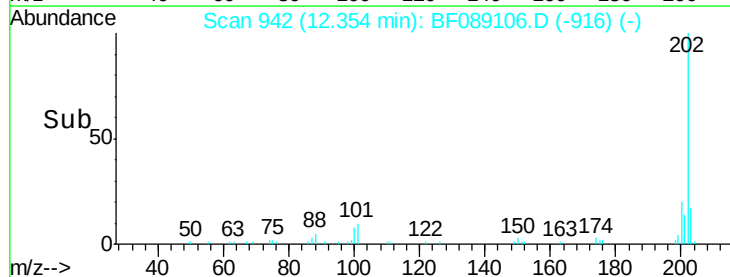
Tgt Ion:202 Resp: 38388
 Ion Ratio Lower Upper
 202 100
 101 10.1 0.0 33.1
 203 16.9 0.0 38.1

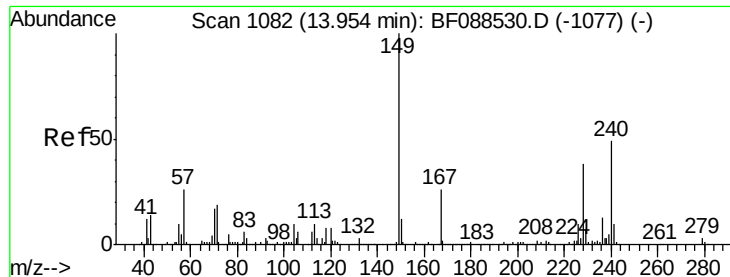


Abundance Ion 202.00 (201.70 to 202.70): E
 60000
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



Time-->





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)DL

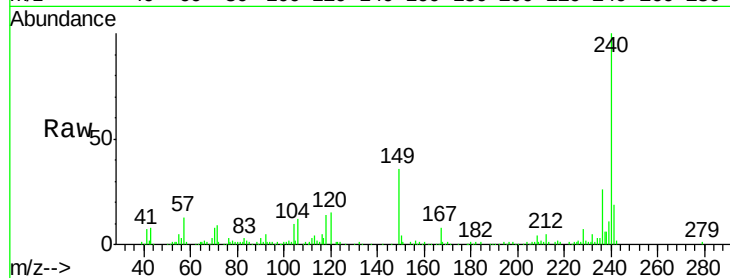
Tot Ion:240 Resp: 114480

Ion Ratio Lower Upper

240 100

120 15.1 6.8 10.2#

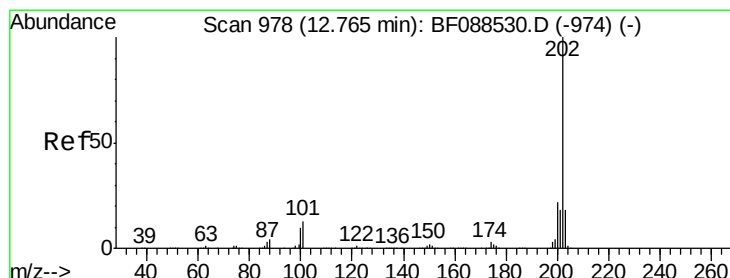
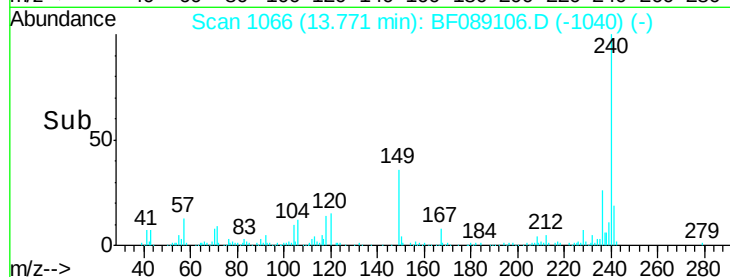
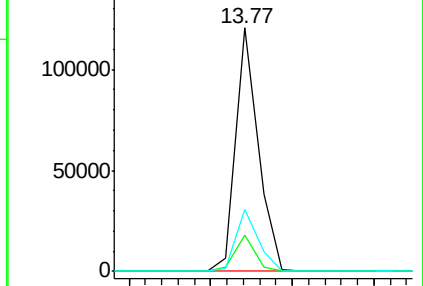
236 25.5 20.2 30.2



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: 3.39 ng

RT: 12.58 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

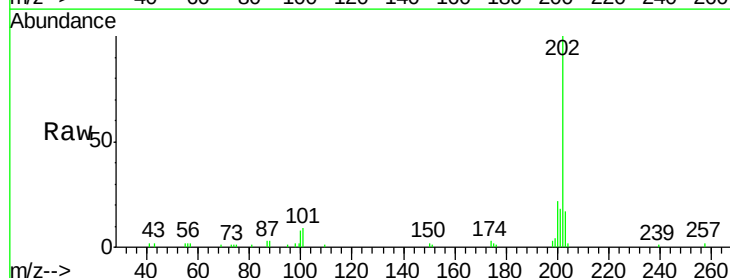
Tgt Ion:202 Resp: 32942

Ion Ratio Lower Upper

202 100

200 21.8 17.4 26.2

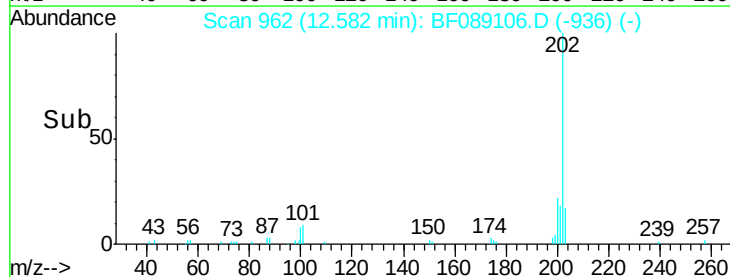
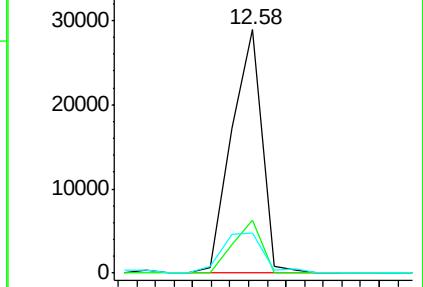
203 16.6 14.5 21.7

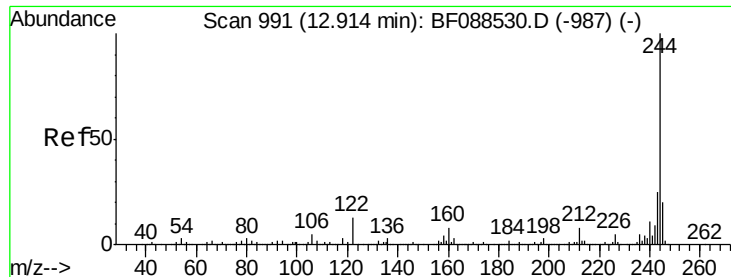


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 6.12 ng

RT: 12.73 min Scan# 975

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

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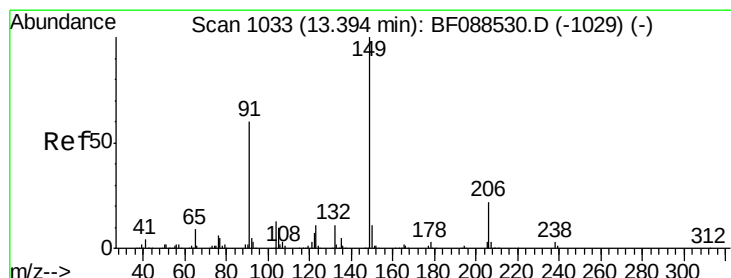
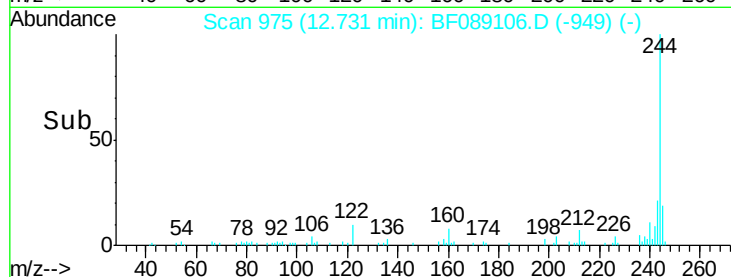
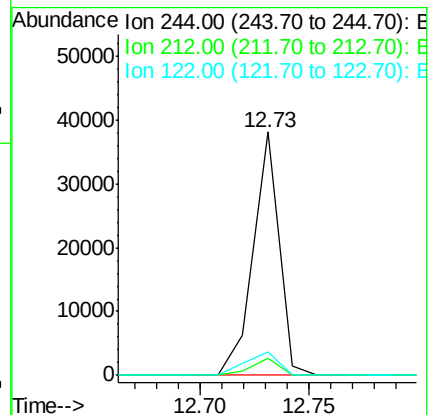
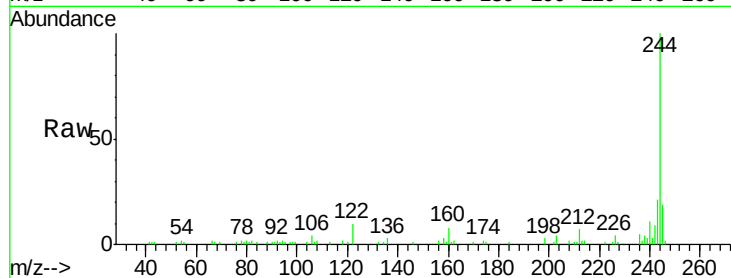
Tot Ion:244 Resp: 31476

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

122 9.6 11.2 16.8#



#79

Butylbenzylphthalate

Concen: 23.57 ng

RT: 13.21 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

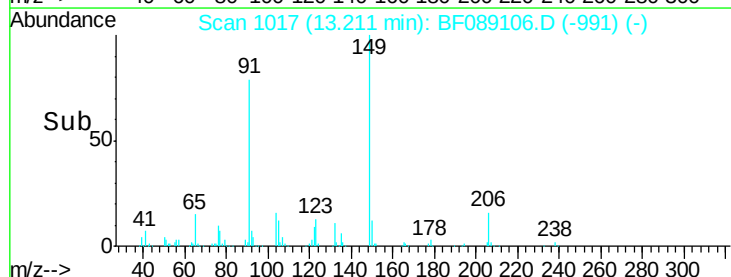
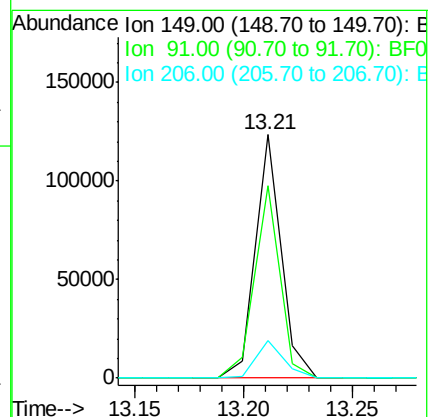
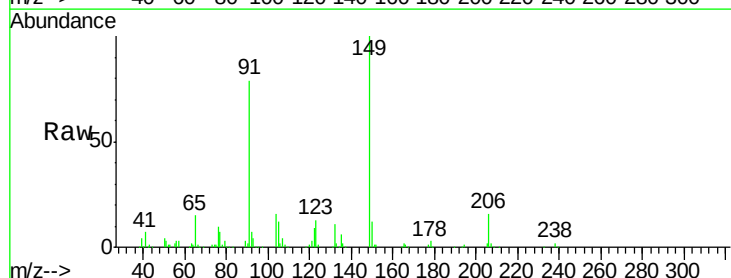
Tgt Ion:149 Resp: 102043

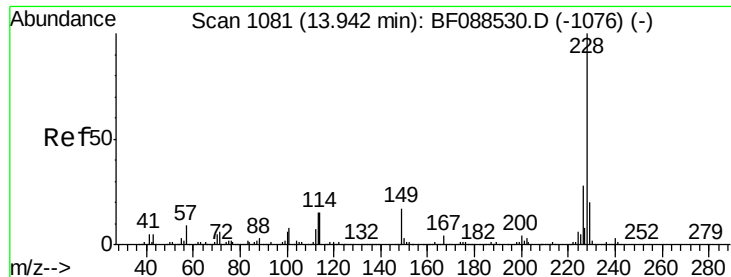
Ion Ratio Lower Upper

149 100

91 78.8 48.0 72.0#

206 15.6 16.0 24.0#





#80

Benzo(a)anthracene

Concen: 2.60 ng

RT: 13.76 min Scan# 1065

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)DL

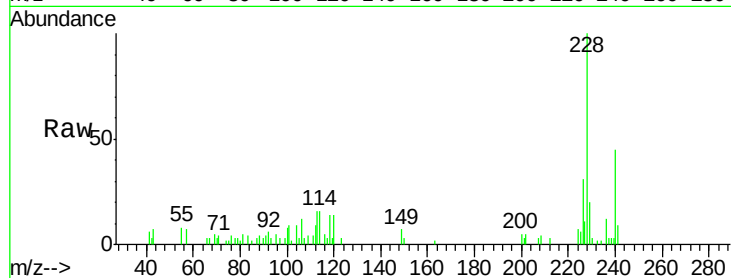
Tot Ion:228 Resp: 19156

Ion Ratio Lower Upper

228 100

226 31.4 22.3 33.5

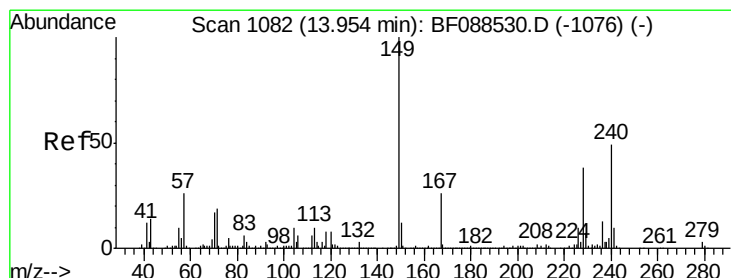
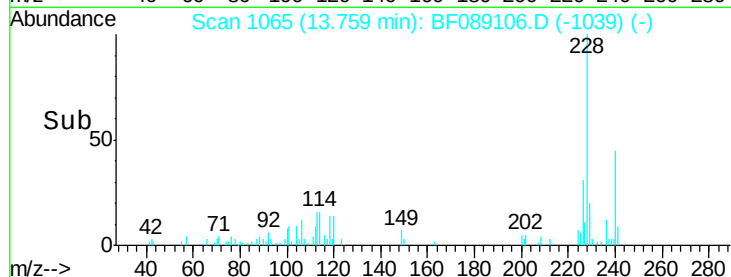
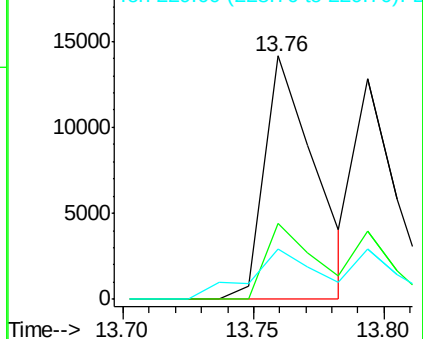
229 20.5 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#83

Bis(2-ethylhexyl)phthalate

Concen: 11.48 ng

RT: 13.77 min Scan# 1066

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

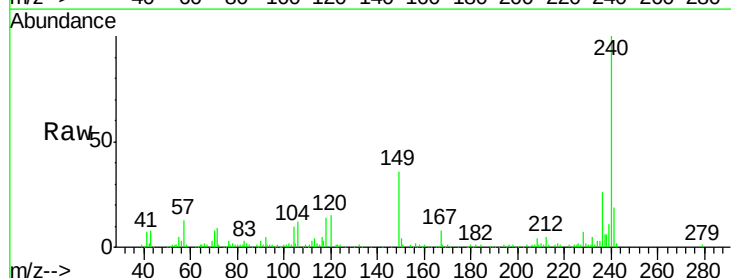
Tgt Ion:149 Resp: 56749

Ion Ratio Lower Upper

149 100

167 23.3 20.5 30.7

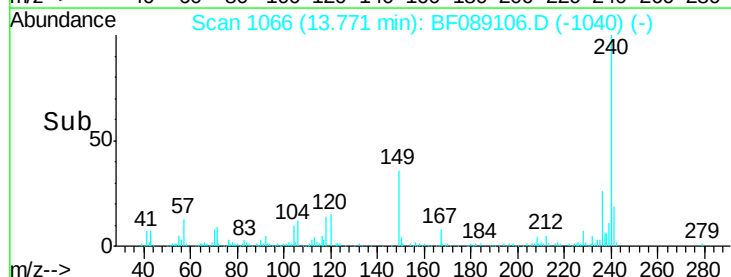
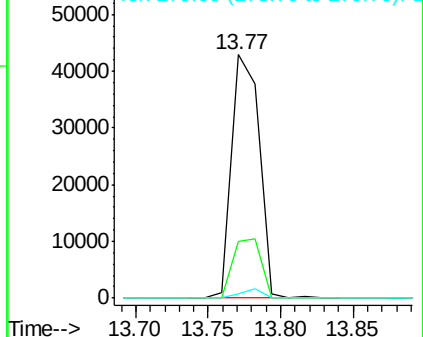
279 1.6 2.0 3.0#

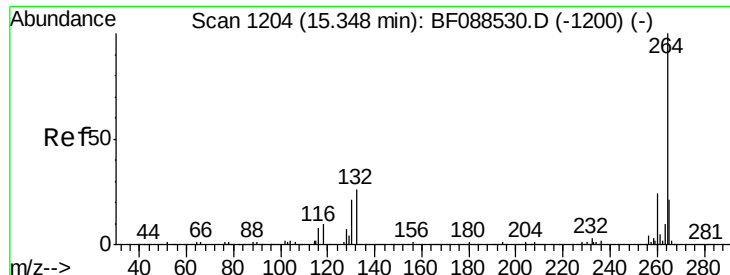


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



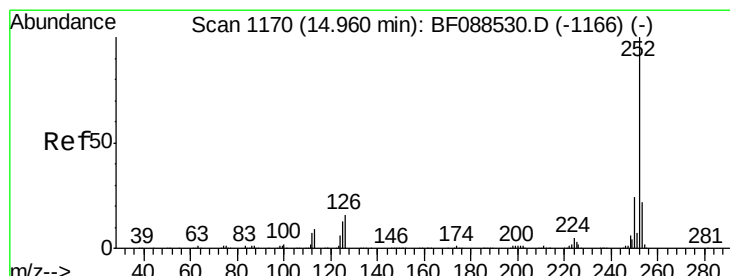
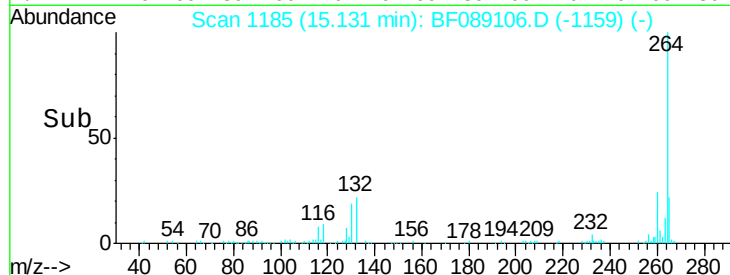
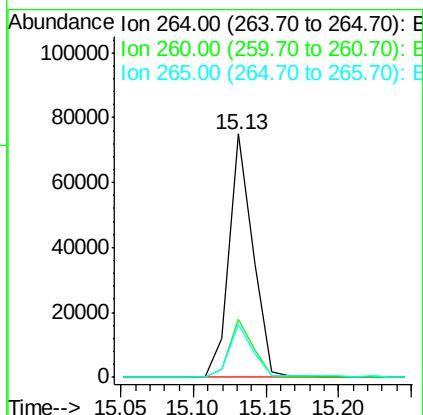
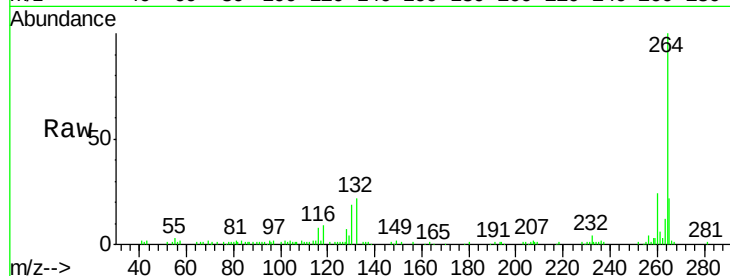


#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.13 min Scan# 1185
Delta R.T. -0.00 min
Lab File: BF089106.D
Acq: 19 Jul 2016 4:07

Instrument :
BNA_F
ClientSampleId :
LSS-SS-SS04(0-2in)DL

Tot Ion:264 Resp: 85323

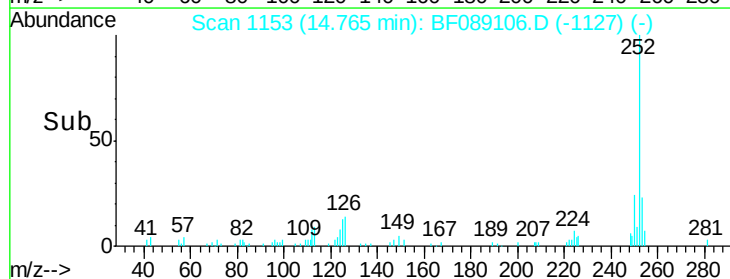
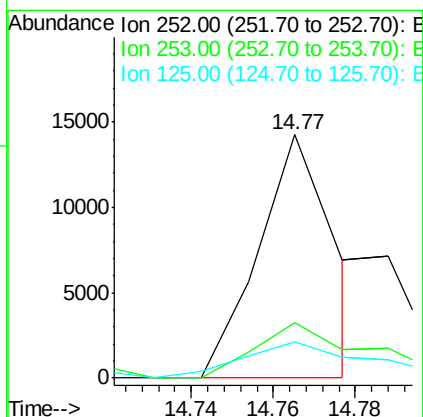
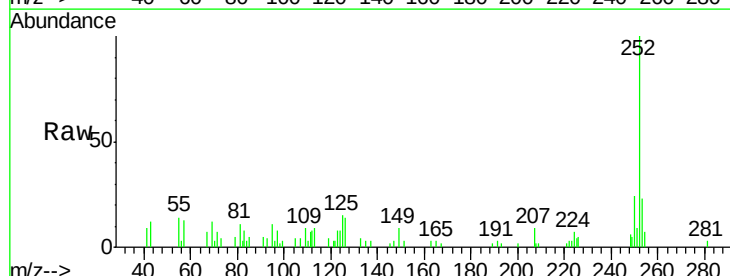
Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	21.8	16.9	25.3

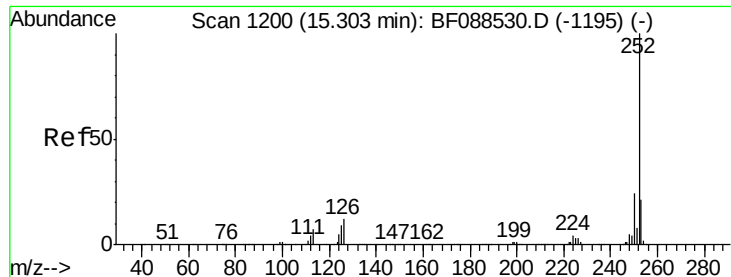


#87
Benzo(b)fluoranthene
Concen: 3.44 ng m
RT: 14.77 min Scan# 1153
Delta R.T. -0.00 min
Lab File: BF089106.D
Acq: 19 Jul 2016 4:07

Tgt Ion:252 Resp: 18423

Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.4	26.2
125	15.0	7.1	10.7#





#89

Benzo(a)pyrene

Concen: 2.65 ng/ml

RT: 15.07 min Scan# 1180

Delta R.T. -0.00 min

Lab File: BF089106.D

Acq: 19 Jul 2016 4:07

Instrument :

BNA_F

ClientSampleId :

LSS-SS-SS04(0-2in)DL

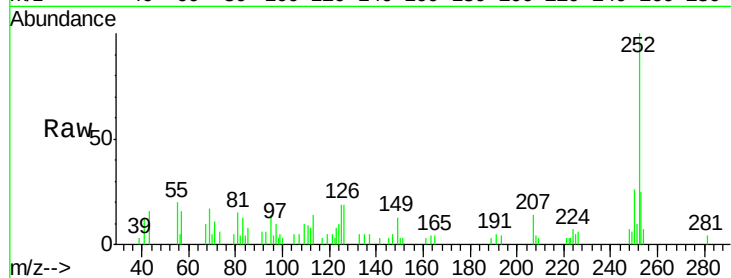
Tot Ion: 252 Resp: 12024

Ion Ratio Lower Upper

252 100

253 24.8 17.9 26.9

125 18.7 12.5 18.7



Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

