

Data Path : U:\HPCHEM1\BNA F\DATA\BF101816\
 Data File : BF090635.D
 Acq On : 18 Oct 2016 18:36
 Operator : UM/SJ
 Sample : H5289-04
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-4

Quant Time: Oct 19 01:51:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 17 19:19:58 2016
 Response via : Initial Calibration

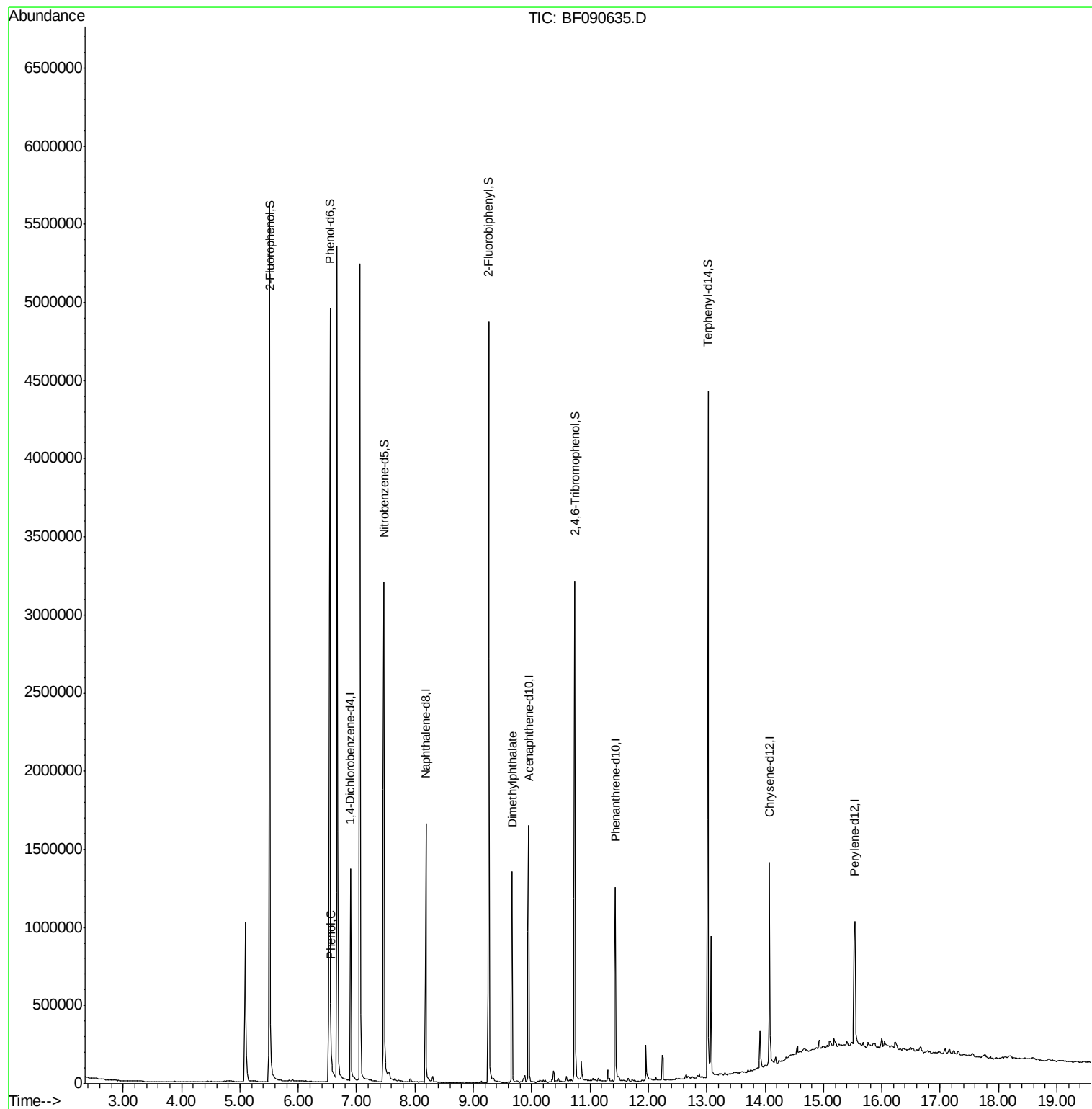
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	214334	20.00	ng	-0.01
21) Naphthalene-d8	8.19	136	878401	20.00	ng	-0.01
38) Acenaphthene-d10	9.95	164	437444	20.00	ng	-0.01
63) Phenanthrene-d10	11.43	188	592534	20.00	ng	-0.01
75) Chrysene-d12	14.08	240	488569	20.00	ng	-0.01
86) Perylene-d12	15.54	264	447018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	1784443	152.63	ng	0.00
7) Phenol-d6	6.54	99	2300338	132.41	ng	0.00
23) Nitrobenzene-d5	7.47	82	1498161	94.74	ng	-0.01
41) 2,4,6-Tribromophenol	10.74	330	431451	110.63	ng	-0.01
44) 2-Fluorobiphenyl	9.26	172	2020742	76.11	ng	-0.01
78) Terphenyl-d14	13.02	244	1543935	73.58	ng	-0.01
Target Compounds						
10) Phenol	6.55	94	48007	2.42	ng	Qvalue 96
49) Dimethylphthalate	9.66	163	640854	22.58	ng	# 98

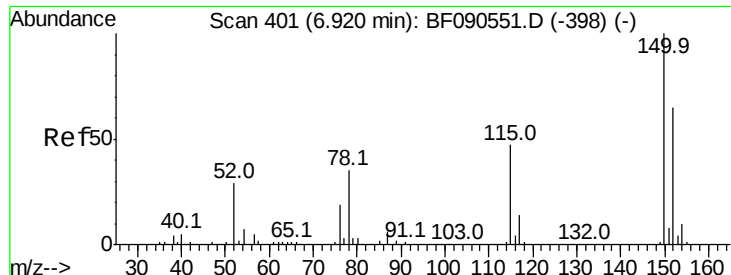
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.90 min Scan# 399

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

Instrument :

BNA_F

ClientSampleId :

SP-3-4

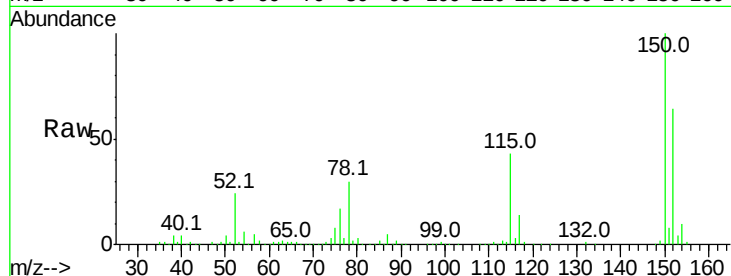
Tot Ion:152 Resp: 214334

Ion Ratio Lower Upper

152 100

150 157.0 127.2 190.8

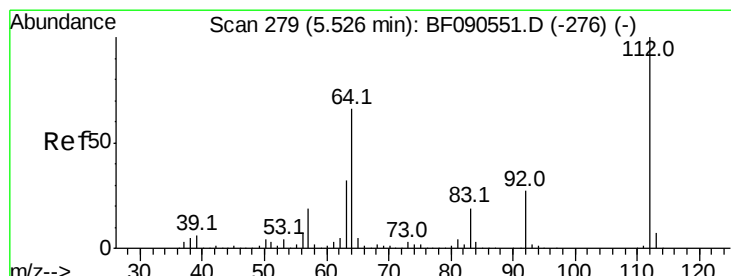
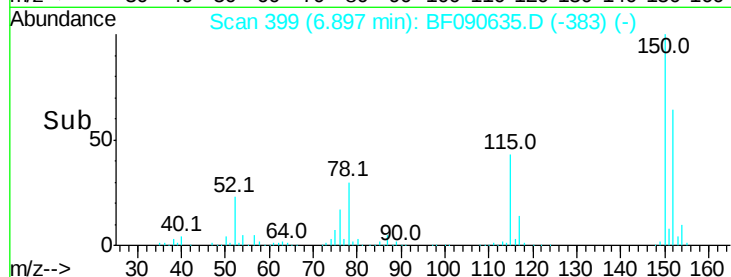
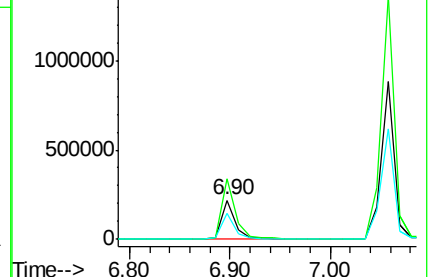
115 67.7 58.6 88.0



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: 152.63 ng

RT: 5.51 min Scan# 278

Delta R.T. -0.00 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

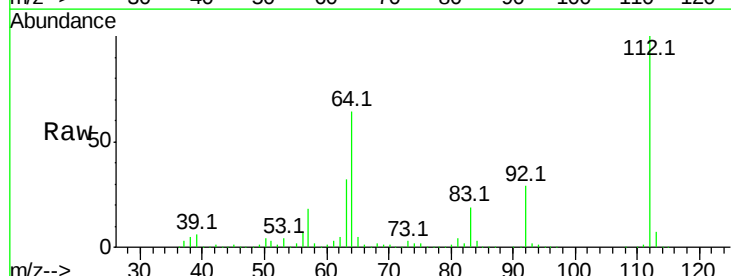
Tgt Ion:112 Resp: 1784443

Ion Ratio Lower Upper

112 100

64 64.1 52.6 78.8

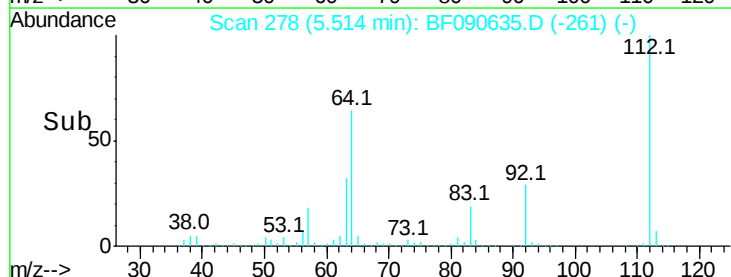
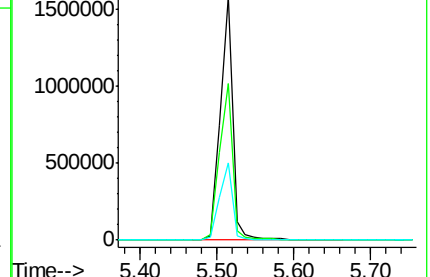
63 31.9 26.0 39.0

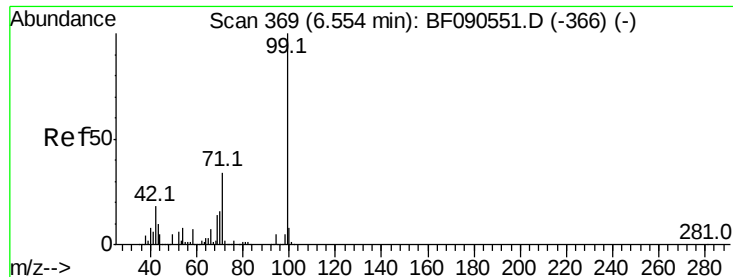


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 132.41 ng

RT: 6.54 min Scan# 368

Delta R.T. -0.00 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

Instrument :

BNA_F

ClientSampled :

SP-3-4

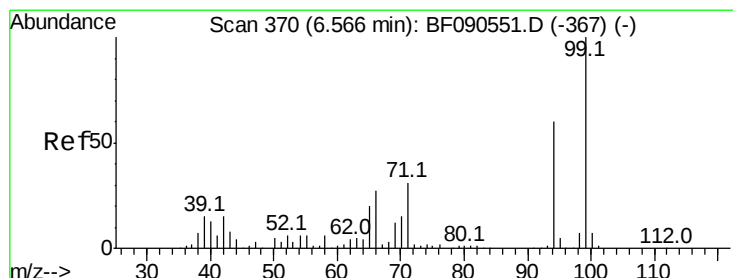
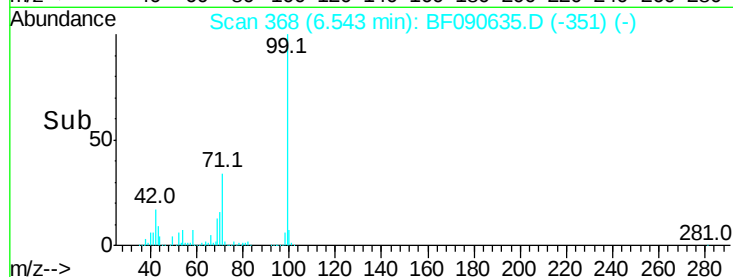
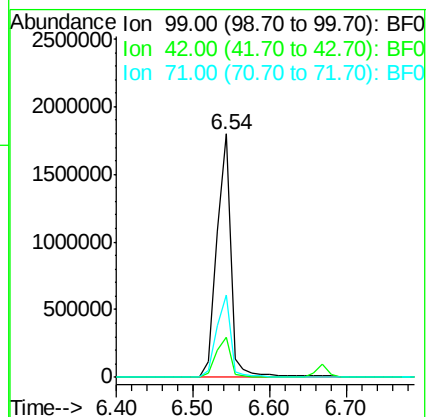
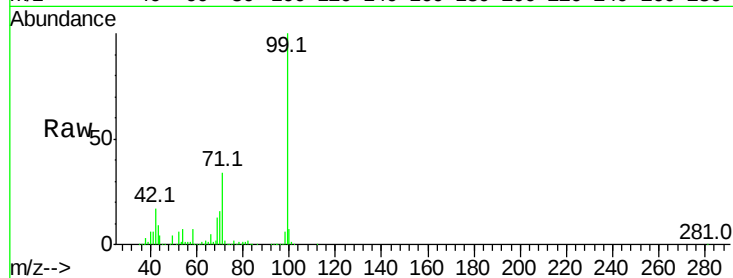
Tot Ion: 99 Resp: 2300338

Ion Ratio Lower Upper

99 100

42 16.7 14.7 22.1

71 34.0 27.6 41.4



#10

Phenol

Concen: 2.42 ng

RT: 6.55 min Scan# 369

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

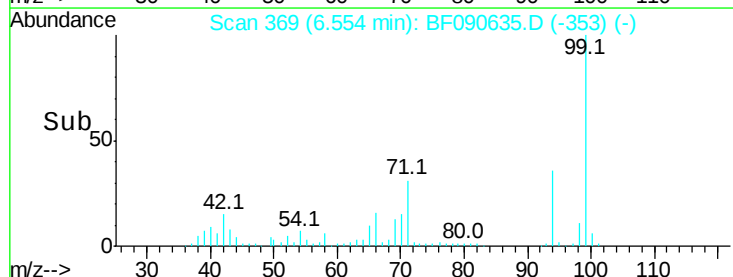
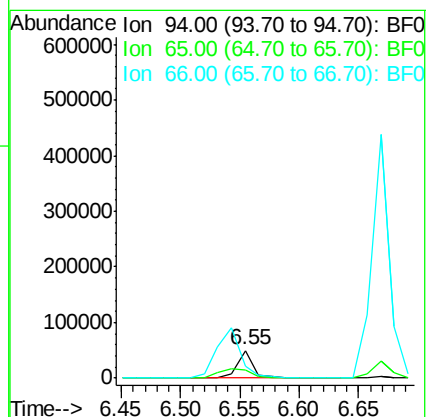
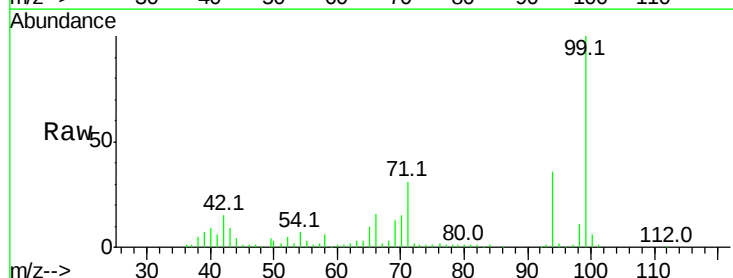
Tgt Ion: 94 Resp: 48007

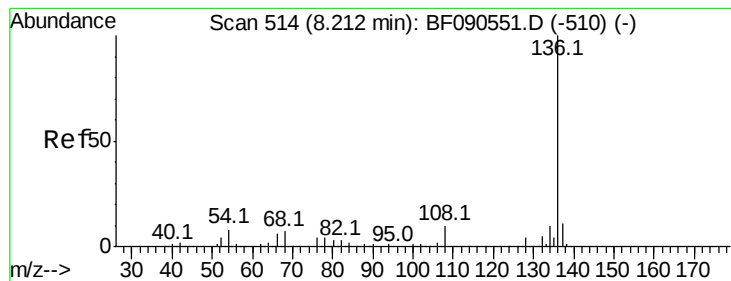
Ion Ratio Lower Upper

94 100

65 29.2 12.5 52.5

66 44.0 25.5 65.5

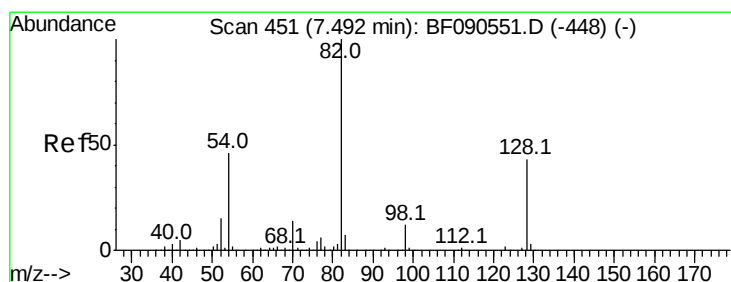
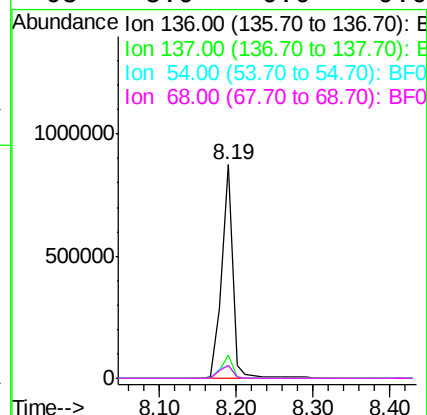
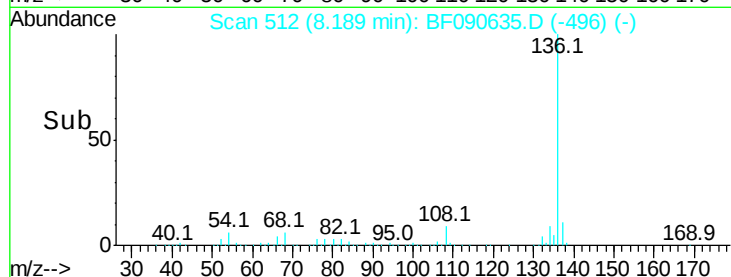
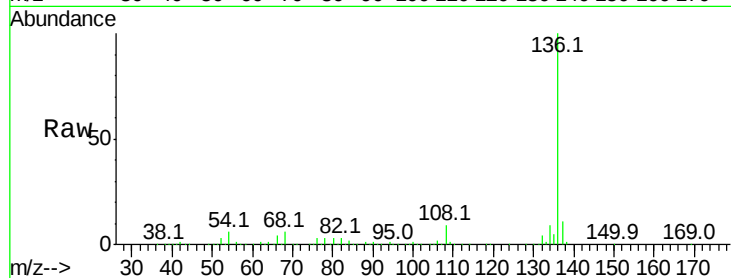




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 512
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

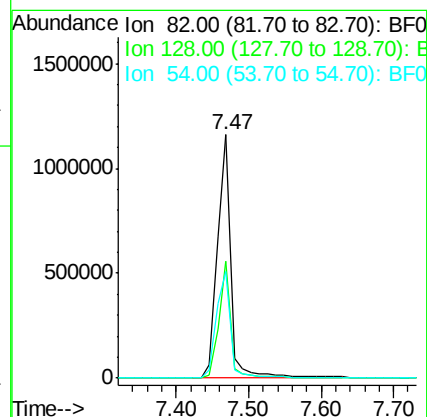
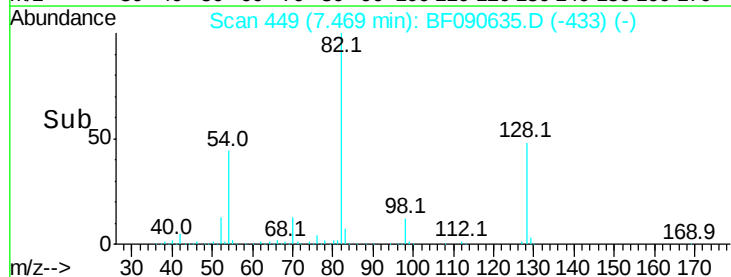
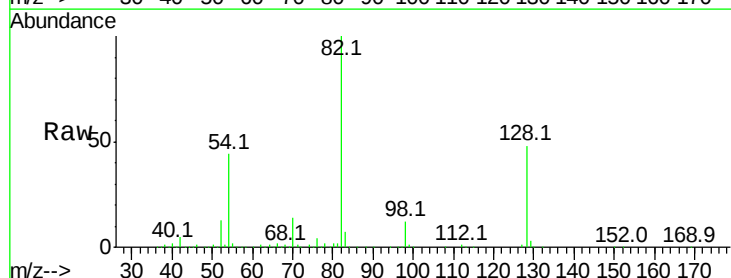
Instrument :
BNA_F
ClientSampleId :
SP-3-4

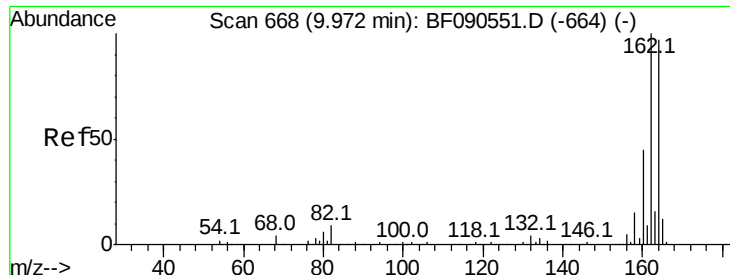
Tot Ion:136	Resp:	878401
Ion	Ratio	Lower Upper
136	100	
137	11.0	8.8 13.2
54	6.1	6.8 10.2#
68	5.9	6.0 9.0#



#23
Nitrobenzene-d5
Concen: 94.74 ng
RT: 7.47 min Scan# 449
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion: 82	Resp:	1498161
Ion	Ratio	Lower Upper
82	100	
128	47.8	34.3 51.5
54	43.8	37.0 55.6

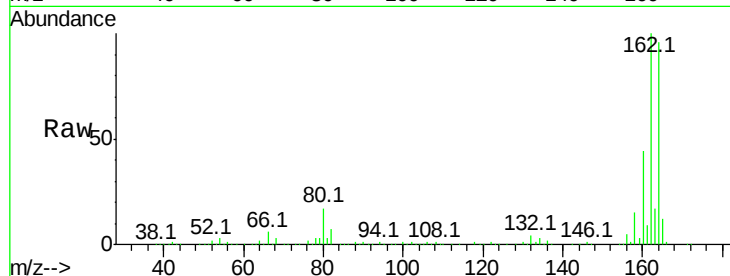




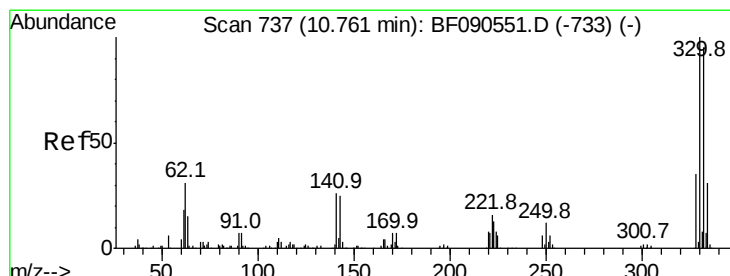
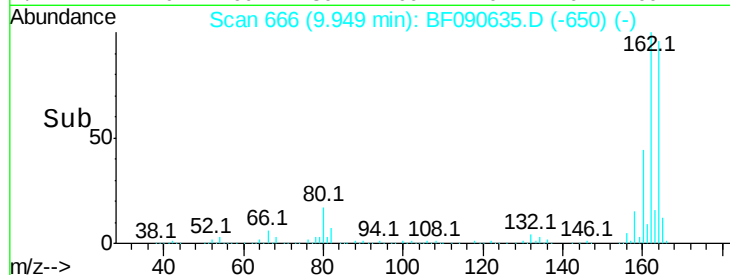
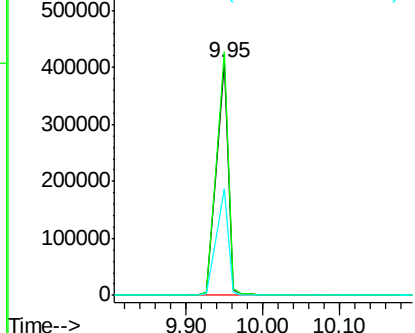
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.95 min Scan# 666
 Delta R.T. -0.01 min
 Lab File: BF090635.D
 Acq: 18 Oct 2016 18:36

Instrument :
 BNA_F
 ClientSampleId :
 SP-3-4

Tot Ion:164 Resp: 437444
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.2 123.4
 160 45.5 36.6 55.0

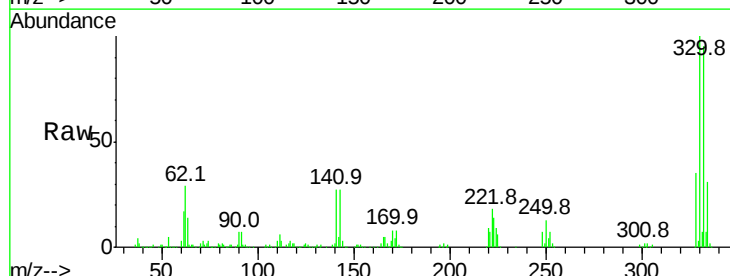


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

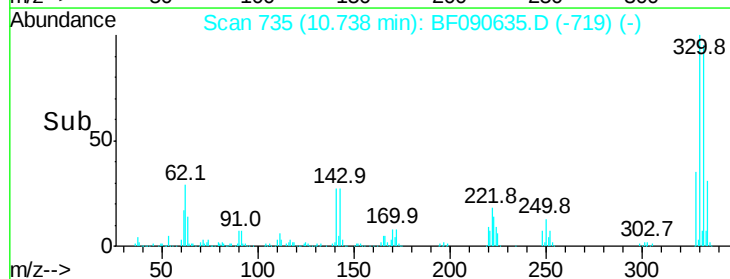
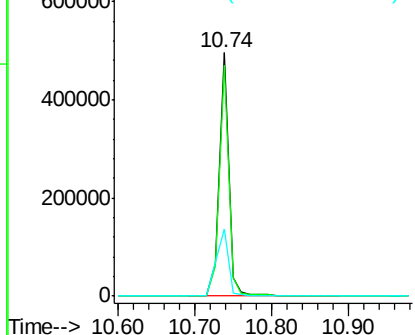


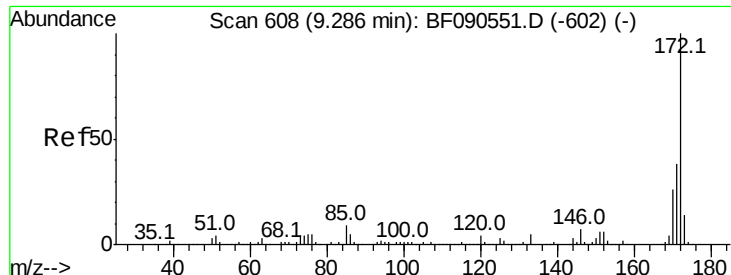
#41
 2,4,6-Tribromophenol
 Concen: 110.63 ng
 RT: 10.74 min Scan# 735
 Delta R.T. -0.01 min
 Lab File: BF090635.D
 Acq: 18 Oct 2016 18:36

Tgt Ion:330 Resp: 431451
 Ion Ratio Lower Upper
 330 100
 332 94.7 76.2 114.2
 141 35.1 31.4 47.2



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

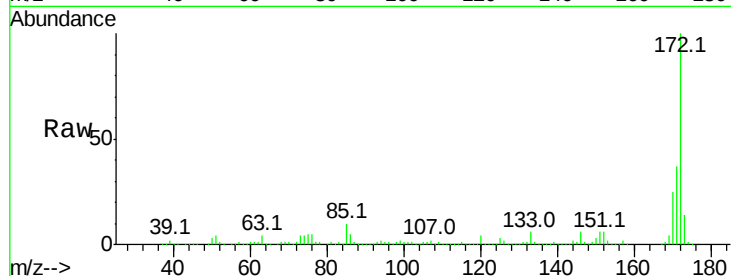




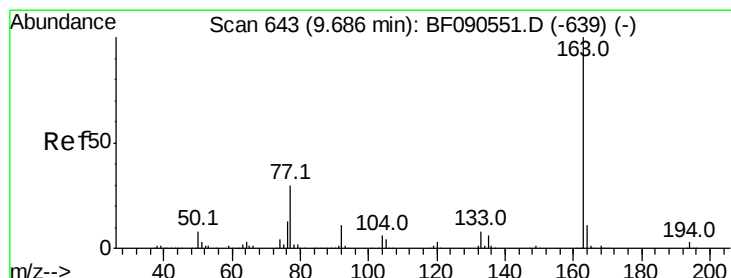
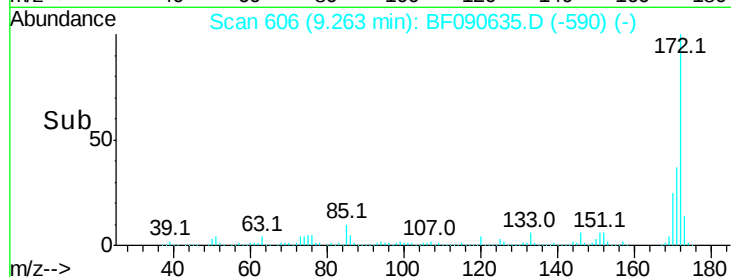
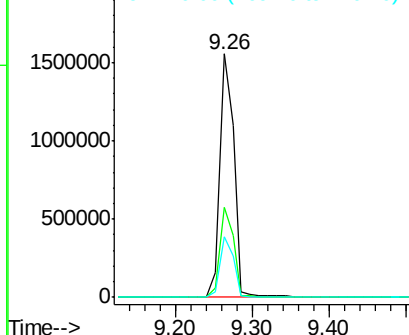
#44
2-Fluorobiphenyl
Concen: 76.11 ng
RT: 9.26 min Scan# 606
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Instrument :
BNA_F
ClientSampleId :
SP-3-4

Tot Ion:172 Resp: 2020742
Ion Ratio Lower Upper
172 100
171 36.9 30.1 45.1
170 24.9 20.6 30.8

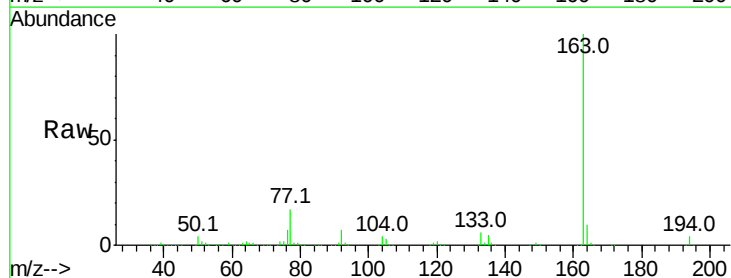


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

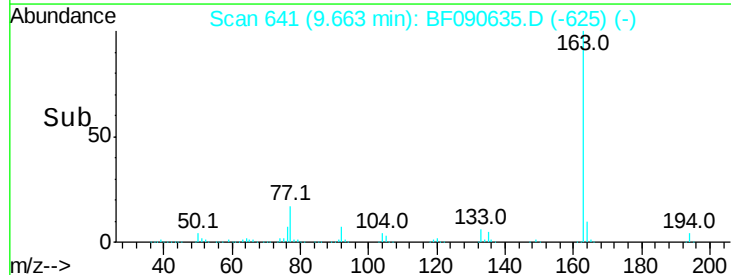
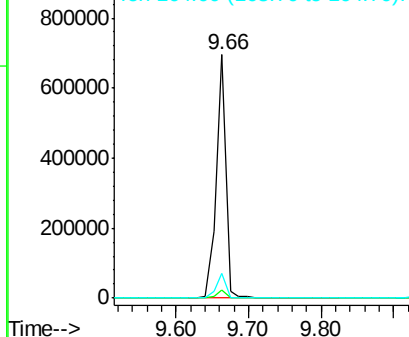


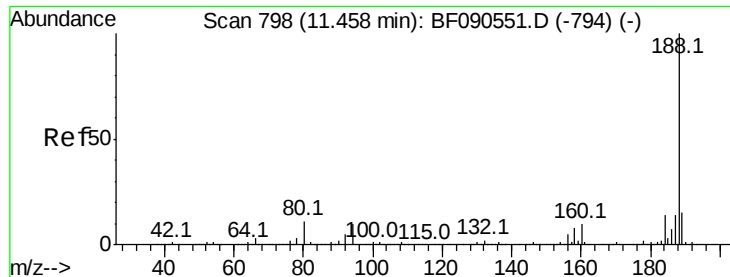
#49
Dimethylphthalate
Concen: 22.58 ng
RT: 9.66 min Scan# 641
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:163 Resp: 640854
Ion Ratio Lower Upper
163 100
194 3.6 2.3 3.5#
164 10.0 8.6 13.0



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

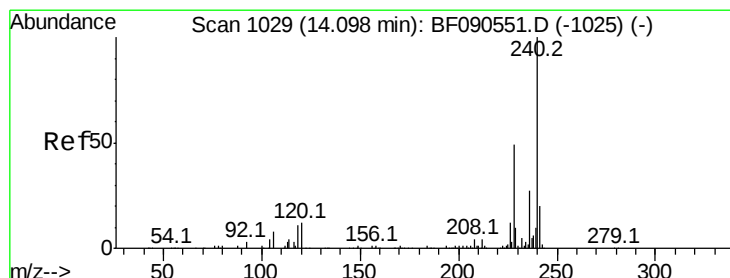
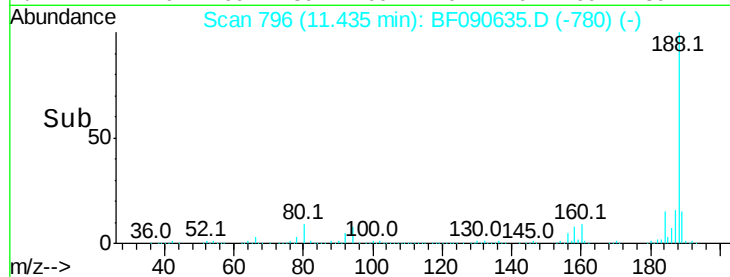
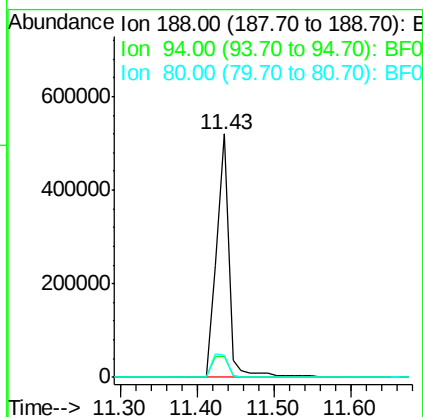
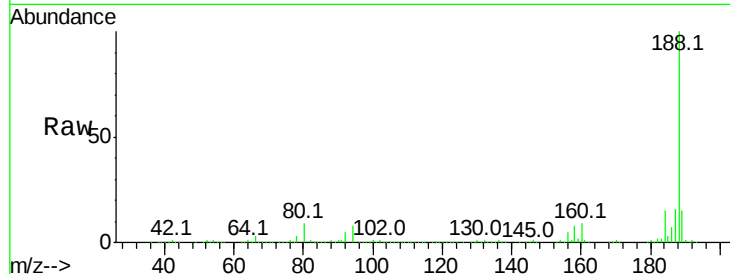




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.43 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

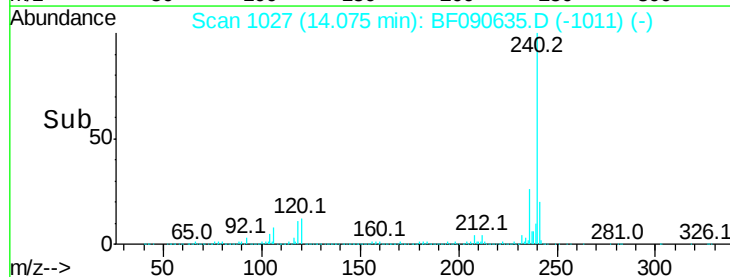
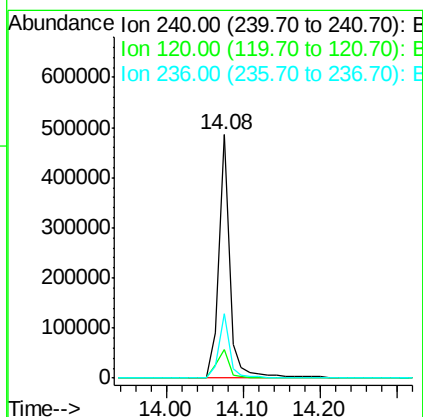
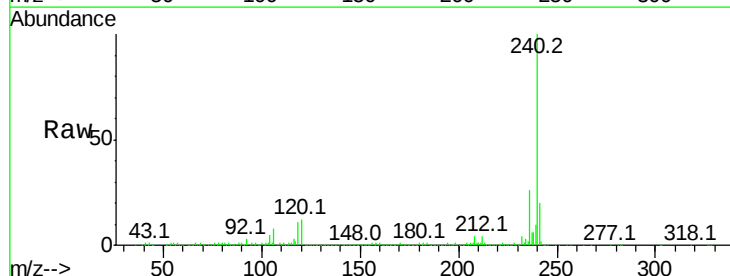
Instrument :
BNA_F
ClientSampleId :
SP-3-4

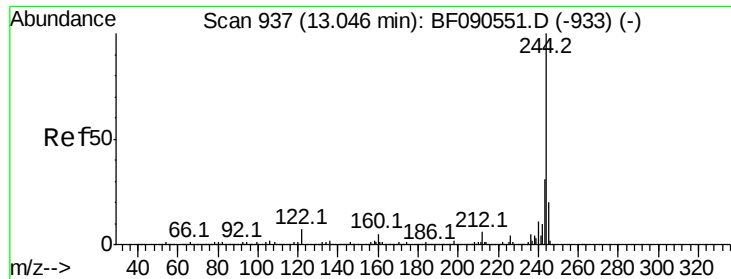
Tot Ion:188 Resp: 592534
Ion Ratio Lower Upper
188 100
94 8.5 7.7 11.5
80 9.2 8.6 12.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.08 min Scan# 1027
Delta R.T. -0.01 min
Lab File: BF090635.D
Acq: 18 Oct 2016 18:36

Tgt Ion:240 Resp: 488569
Ion Ratio Lower Upper
240 100
120 12.0 9.8 14.8
236 26.5 21.7 32.5





#78

Terphenyl-d14

Concen: 73.58 ng

RT: 13.02 min Scan# 935

Delta R.T. -0.01 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

Instrument :

BNA_F

ClientSampleId :

SP-3-4

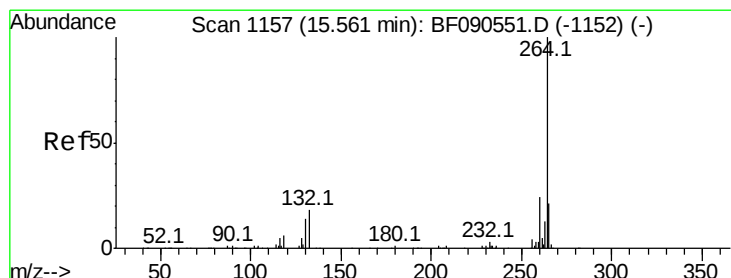
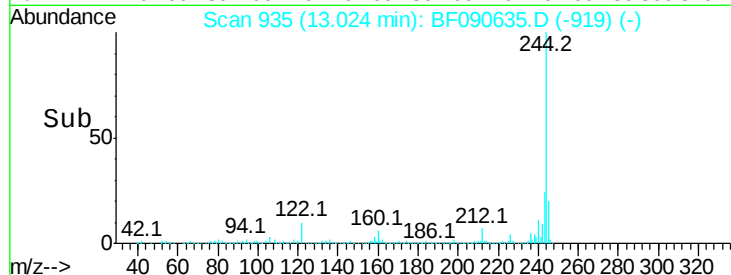
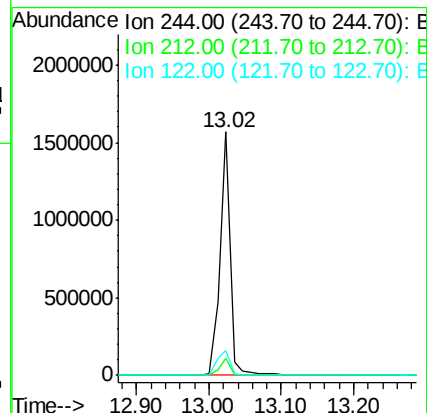
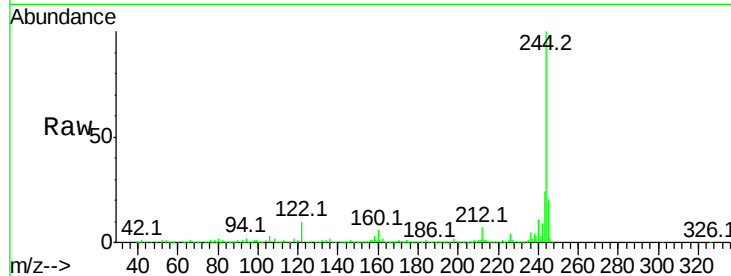
Tot Ion:244 Resp: 1543935

Ion Ratio Lower Upper

244 100

212 6.8 5.0 7.4

122 10.2 5.6 8.4#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.54 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF090635.D

Acq: 18 Oct 2016 18:36

Tgt Ion:264 Resp: 447018

Ion Ratio Lower Upper

264 100

260 23.9 19.3 28.9

265 21.4 16.7 25.1

