

Data Path : Z:\HPCHEM1\BNA F\Data\BF093016\
 Data File : BF090316.D
 Acq On : 30 Sep 2016 15:19
 Operator : UM/SJ
 Sample : H4998-13RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SUP-B046-6-9

Quant Time: Sep 30 16:09:57 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

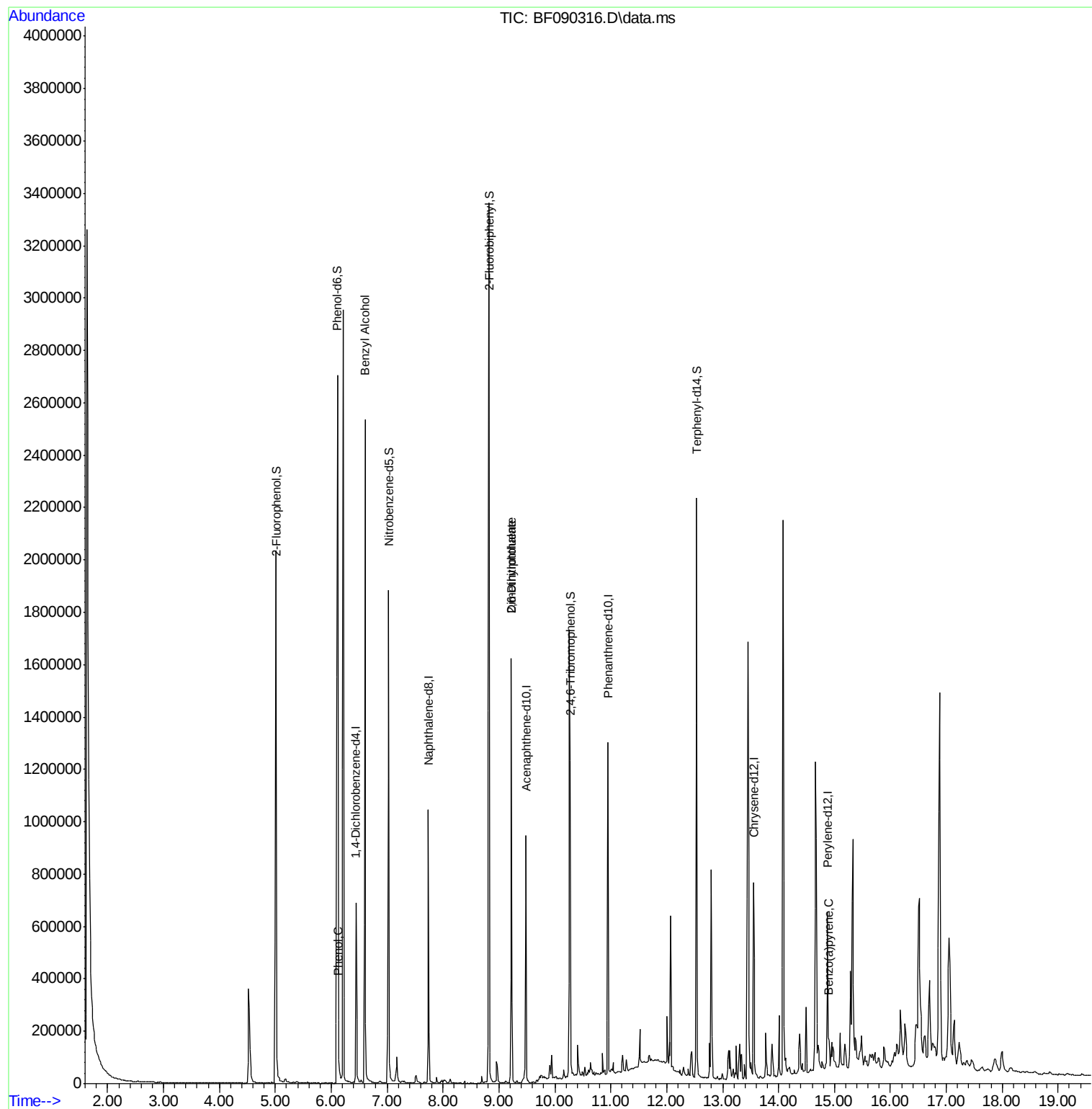
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.444	152	121283	20.00	ng	-0.03
21) Naphthalene-d8	7.736	136	500253	20.00	ng	-0.03
38) Acenaphthene-d10	9.485	164	287421	20.00	ng	-0.02
63) Phenanthrene-d10	10.948	188	447653	20.00	ng	-0.03
75) Chrysene-d12	13.554	240	306540	20.00	ng	-0.05
86) Perylene-d12	14.880	264	256309	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.016	112	1045068	140.45	ng	-0.01
7) Phenol-d6	6.113	99	1320912	143.75	ng	-0.02
23) Nitrobenzene-d5	7.027	82	885375	102.60	ng	-0.03
41) 2,4,6-Tribromophenol	10.273	330	345551	140.14	ng	-0.02
44) 2-Fluorobiphenyl	8.822	172	1198621	81.87	ng	-0.03
78) Terphenyl-d14	12.537	244	865569	71.69	ng	-0.02
Target Compounds						
10) Phenol	6.124	94	31182	2.87	ng	# 63
15) Benzyl Alcohol	6.605	79	12271	2.24	ng	# 49
49) Dimethylphthalate	9.222	163	755589	41.27	ng	98
50) 2,6-Dinitrotoluene	9.222	165	8272	2.03	ng	# 17
89) Benzo(a)pyrene	14.902	252	38186	2.86	ng	# 94

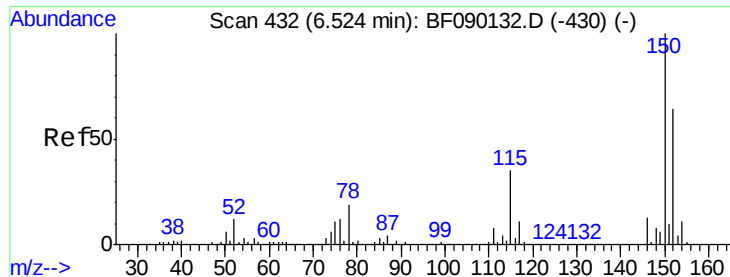
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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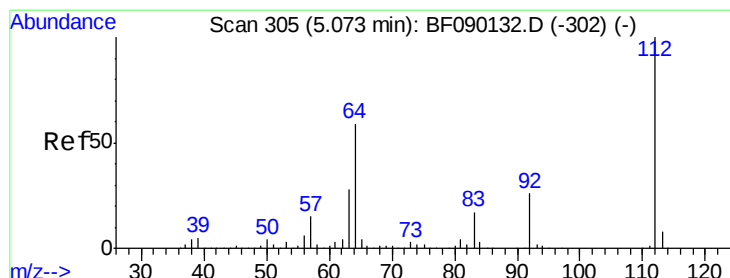
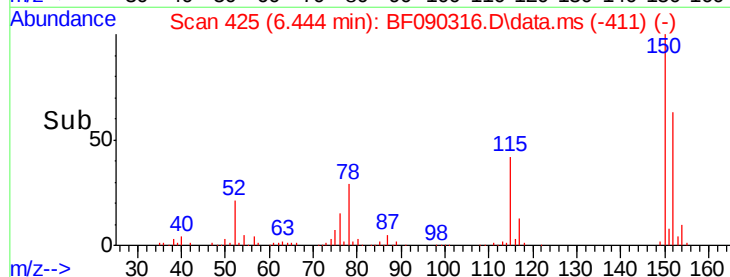
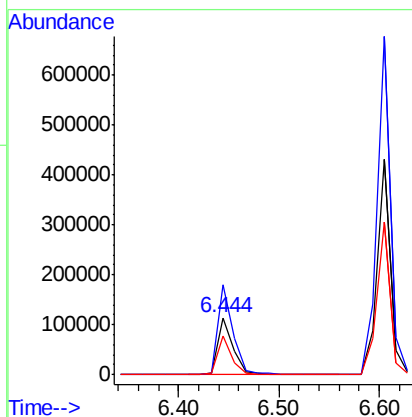
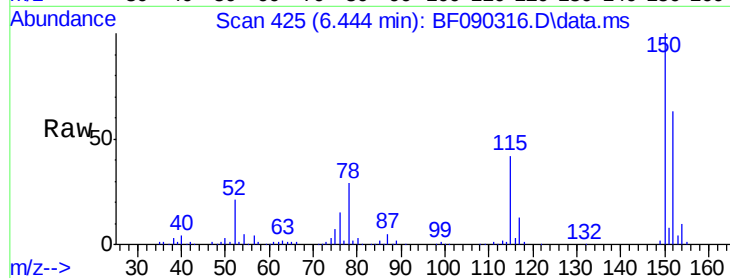




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.444 min Scan# 42
 Delta R.T. -0.034 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 15:19

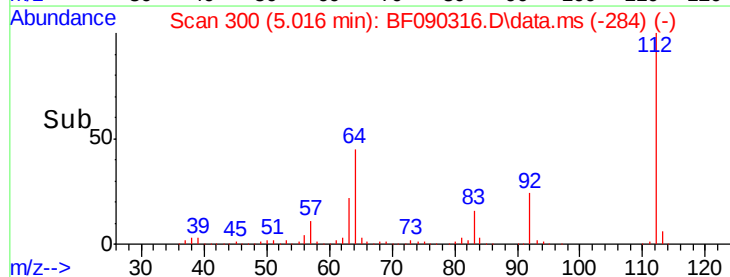
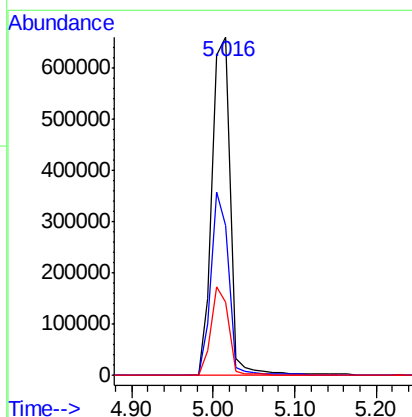
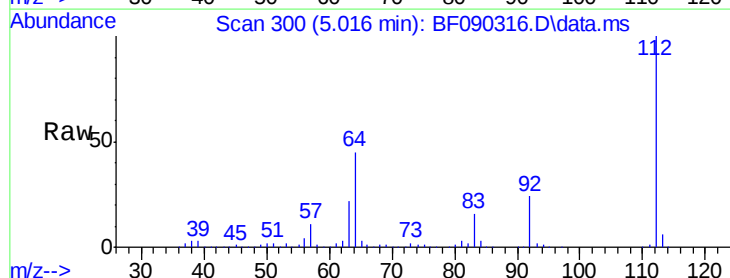
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B046-6-9

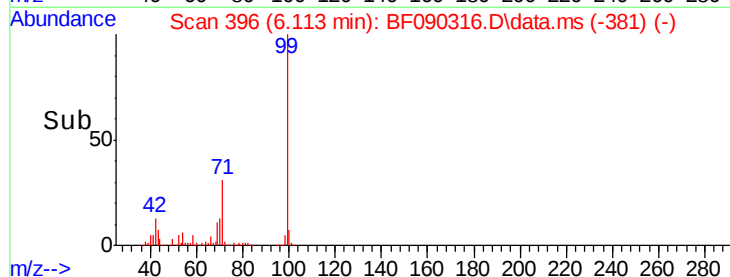
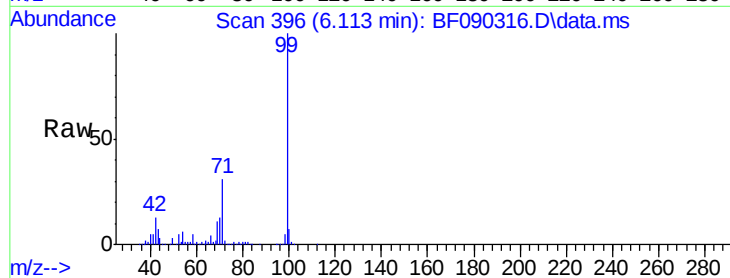
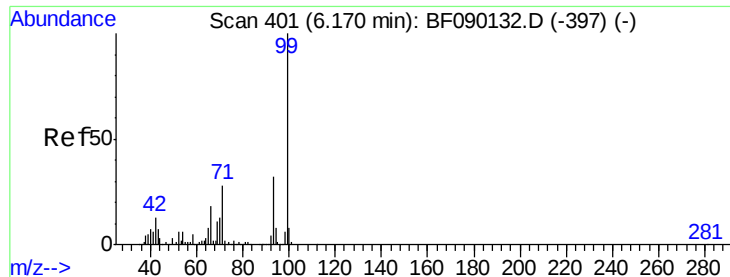
Tot Ion:152 Resp: 121283
 Ion Ratio Lower Upper
 152 100
 150 158.4 128.9 193.3
 115 66.8 55.5 83.3



#5
 2-Fluorophenol
 Concen: 140.45 ng
 RT: 5.016 min Scan# 300
 Delta R.T. -0.011 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 15:19

Tgt Ion:112 Resp: 1045068
 Ion Ratio Lower Upper
 112 100
 64 44.5 39.8 59.6
 63 21.7 18.9 28.3



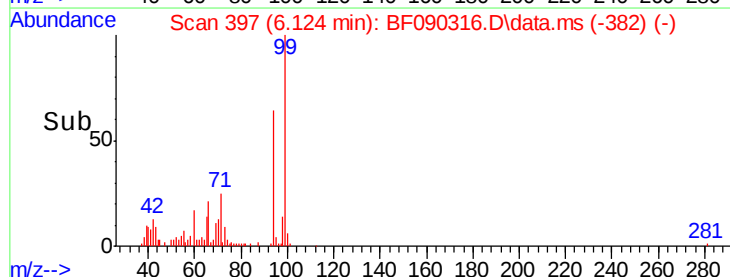
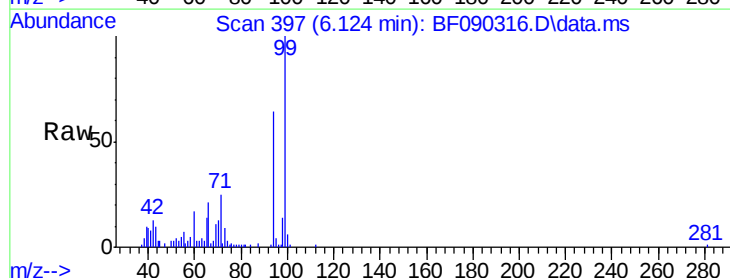
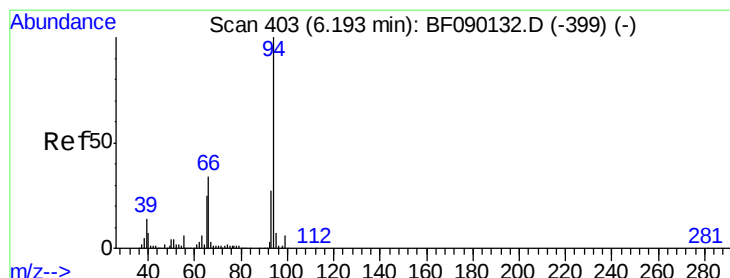
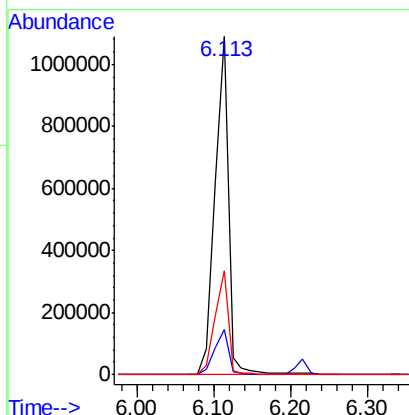


#7
Phenol-d6
Concen: 143.75 ng
RT: 6.113 min Scan# 397
Delta R.T. -0.023 min
Lab File: BF090316.D
Acq: 30 Sep 2016 15:19

Tot Ion: 99 Resp: 1320912

Ion	Ratio	Lower	Upper
99	100		
42	13.4	10.6	15.8
71	30.8	23.0	34.6

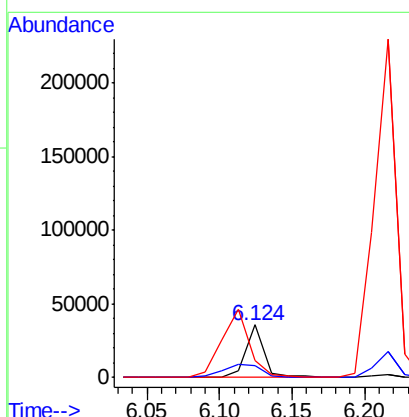
Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

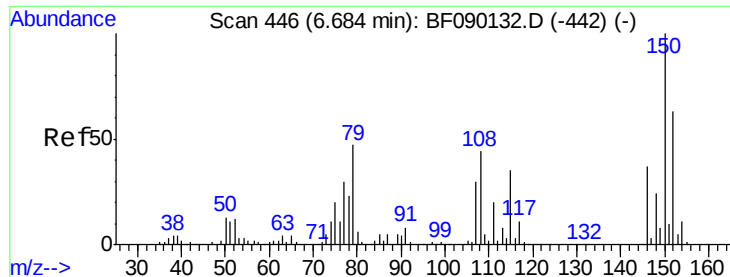


#10
Phenol
Concen: 2.87 ng
RT: 6.124 min Scan# 397
Delta R.T. -0.023 min
Lab File: BF090316.D
Acq: 30 Sep 2016 15:19

Tgt Ion: 94 Resp: 31182

Ion	Ratio	Lower	Upper
94	100		
65	22.5	20.6	60.6
66	32.4	45.1	85.1#

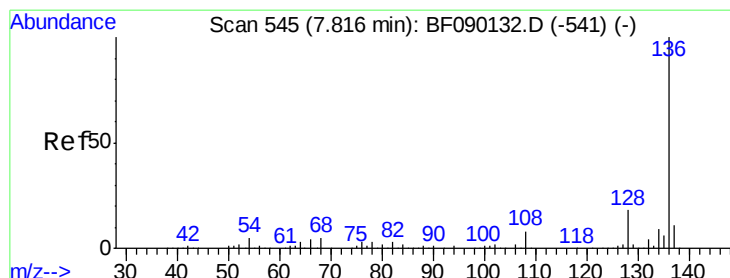
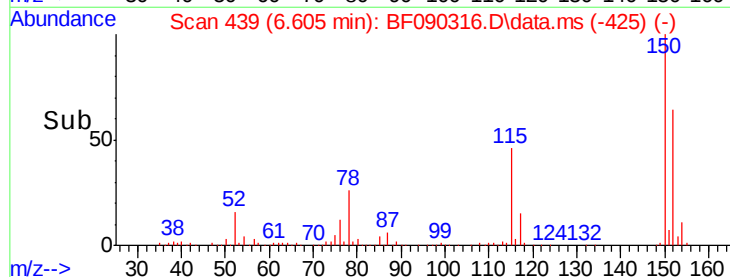
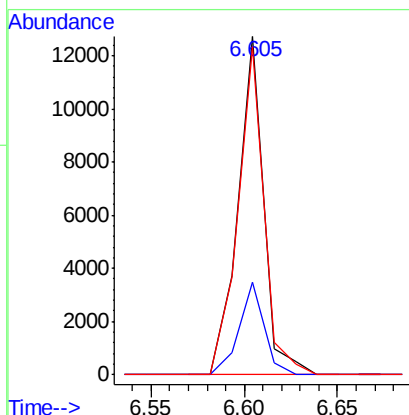
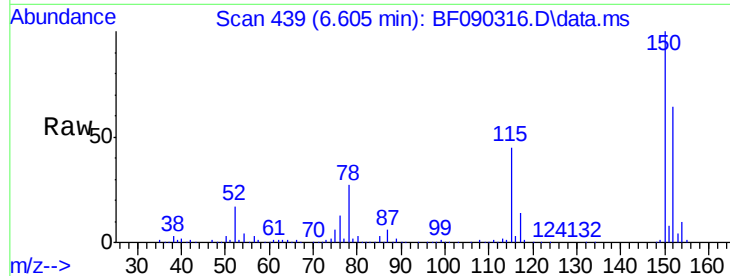




#15
Benzyl Alcohol
Concen: 2.24 ng
RT: 6.605 min Scan# 43
Delta R.T. -0.034 min
Lab File: BF090316.D
Acq: 30 Sep 2016 15:19

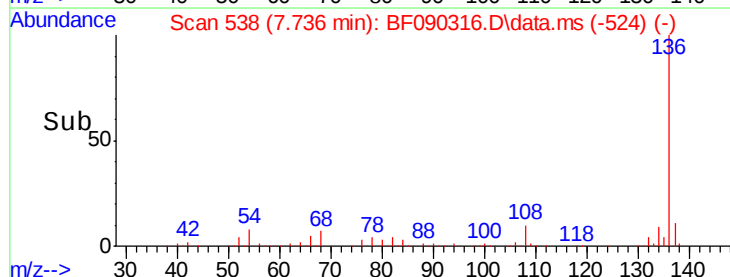
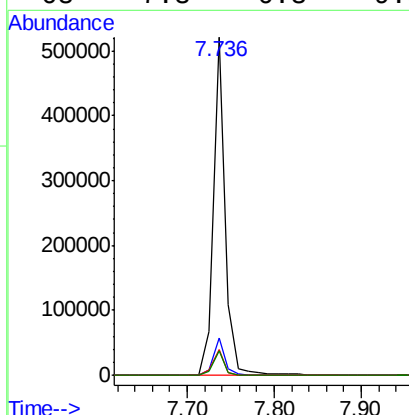
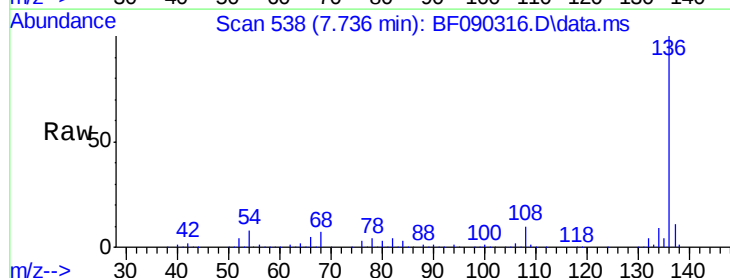
Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

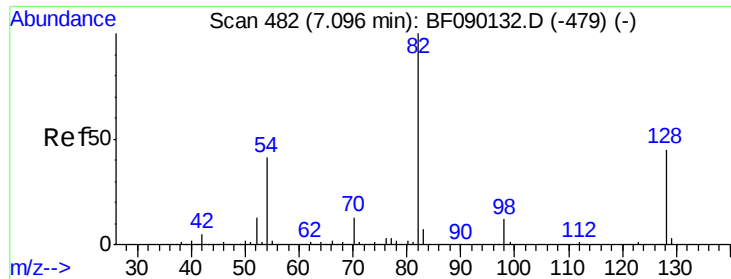
Tot Ion: 79 Resp: 12271
Ion Ratio Lower Upper
79 100
108 27.1 62.2 93.4#
77 97.1 51.4 77.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.736 min Scan# 538
Delta R.T. -0.034 min
Lab File: BF090316.D
Acq: 30 Sep 2016 15:19

Tgt Ion: 136 Resp: 500253
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 7.8 6.4 9.6
68 7.3 6.3 9.5

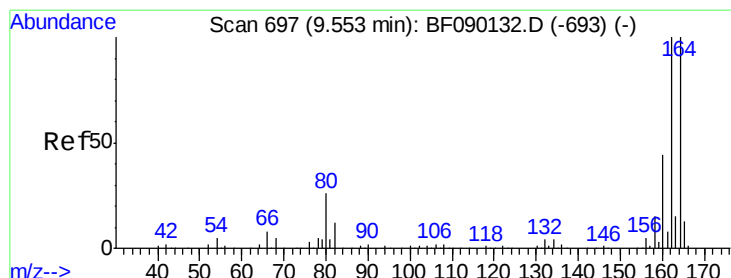
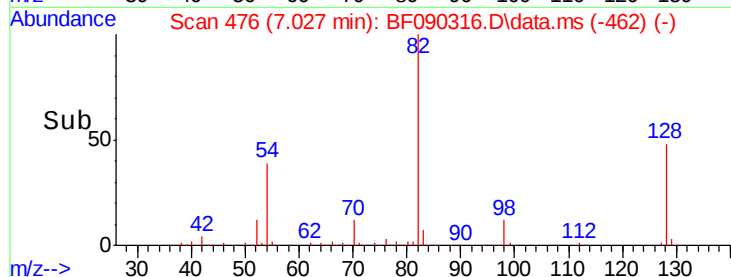
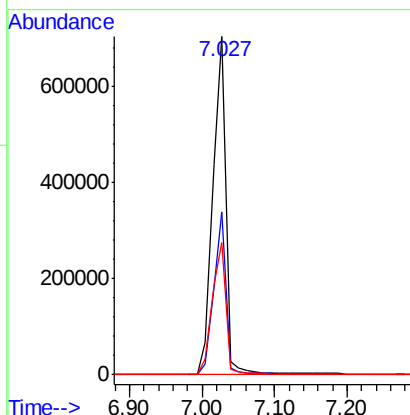
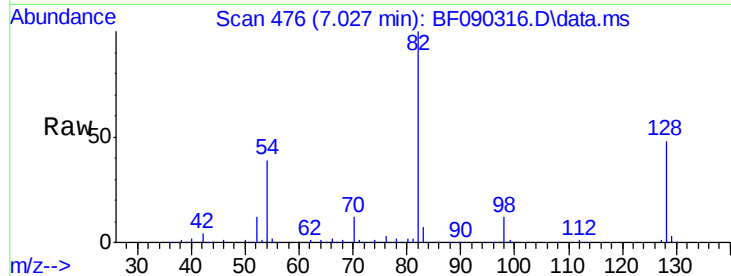




#23
 Nitrobenzene-d5
 Concen: 102.60 ng
 RT: 7.027 min Scan# 47
 Delta R.T. -0.034 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 15:19

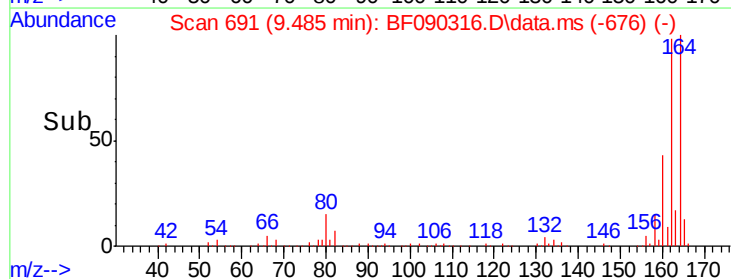
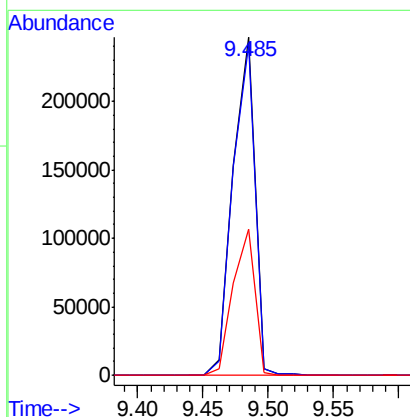
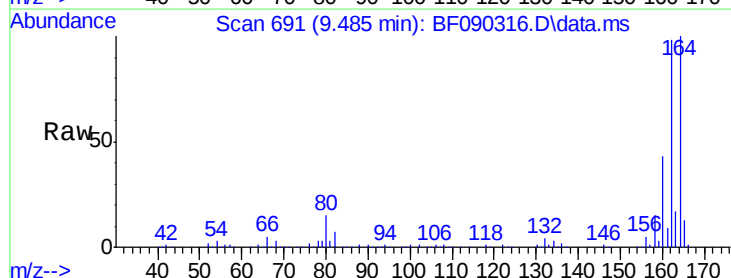
Instrument :
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 ClientSampleId :
 SUP-B046-6-9

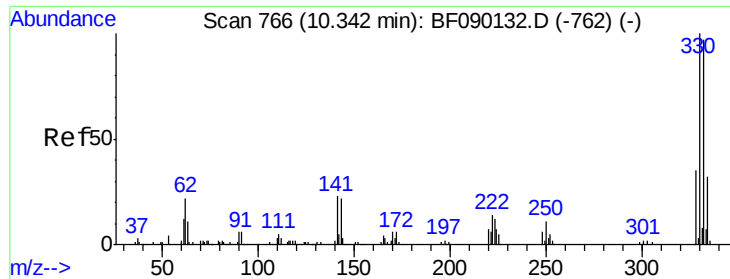
Tot Ion	82	Resp	885375
Ion Ratio	100	Lower	Upper
128	48.0	37.5	56.3
54	39.1	31.9	47.9



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.485 min Scan# 691
 Delta R.T. -0.023 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 15:19

Tgt Ion	164	Resp	287421
Ion Ratio	100	Lower	Upper
162	97.9	81.4	122.2
160	43.3	36.6	54.8

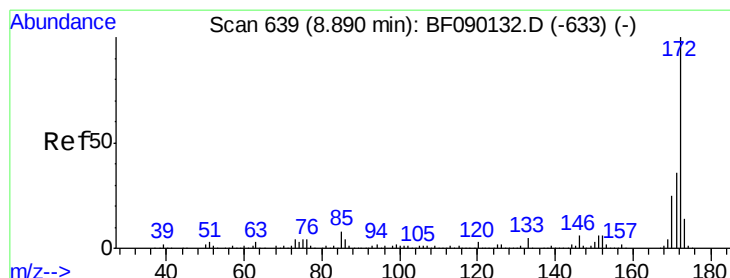
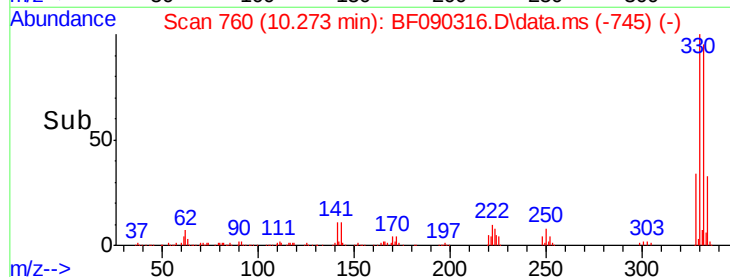
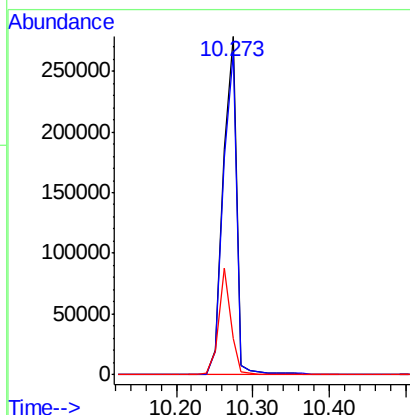
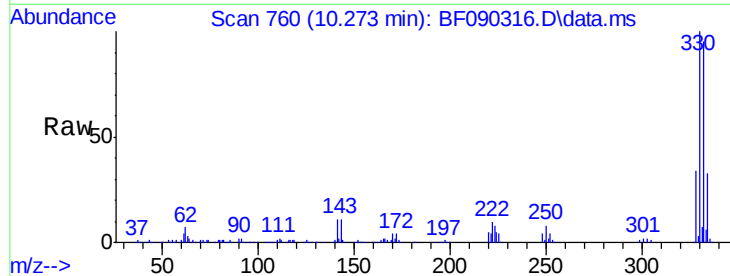




#41
 2,4,6-Tribromophenol
 Concen: 140.14 ng
 RT: 10.273 min Scan# 766
 Delta R.T. -0.023 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 15:19

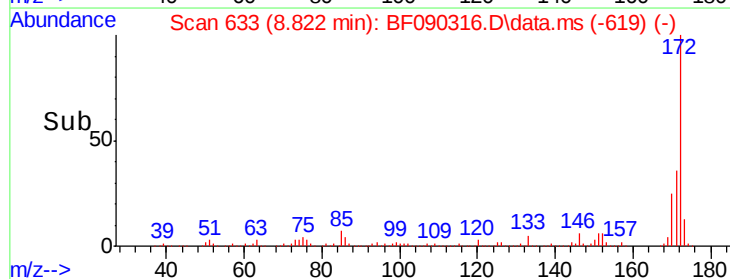
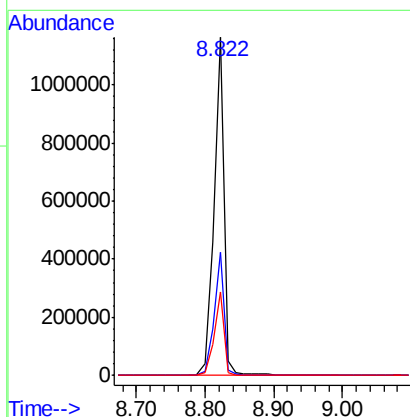
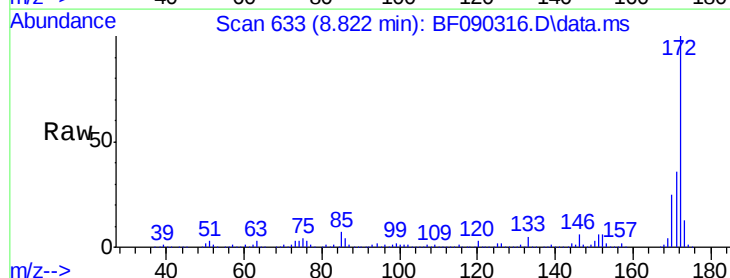
Instrument :
 BNA_F
 ClientSampleId :
 SUP-B046-6-9

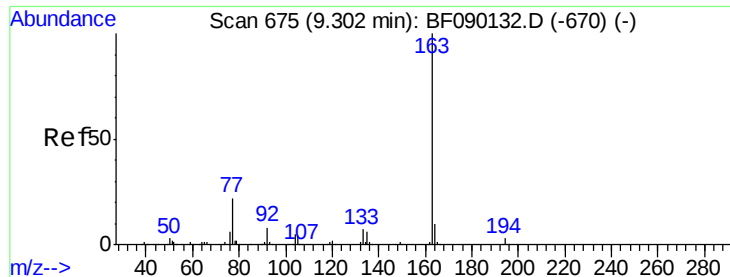
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	78.1	117.1
141	28.2	23.9	35.9



#44
 2-Fluorobiphenyl
 Concen: 81.87 ng
 RT: 8.822 min Scan# 633
 Delta R.T. -0.034 min
 Lab File: BF090316.D
 Acq: 30 Sep 2016 15:19

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.2	43.8
170	24.8	19.8	29.8





#49

Dimethylphthalate

Concen: 41.27 ng

RT: 9.222 min Scan# 668

Delta R.T. -0.046 min

Lab File: BF090316.D

Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

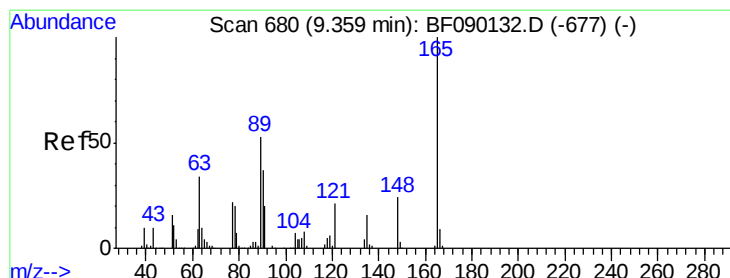
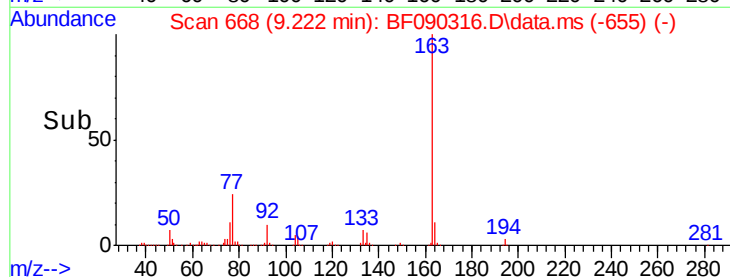
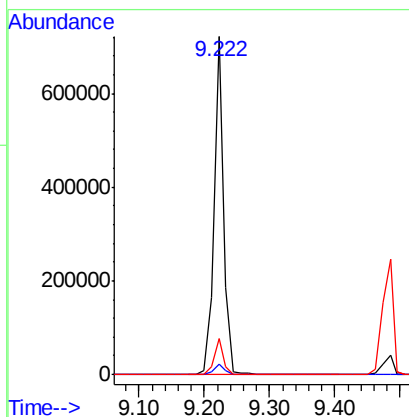
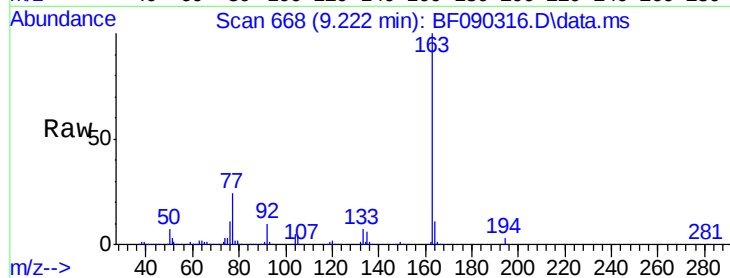
Tot Ion:163 Resp: 755589

Ion Ratio Lower Upper

163 100

194 3.0 2.8 4.2

164 10.7 8.1 12.1



#50

2,6-Dinitrotoluene

Concen: 2.03 ng

RT: 9.222 min Scan# 668

Delta R.T. -0.091 min

Lab File: BF090316.D

Acq: 30 Sep 2016 15:19

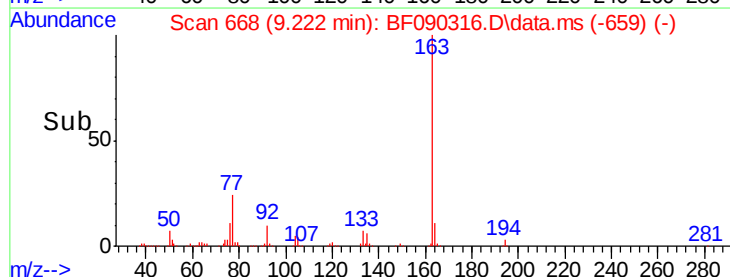
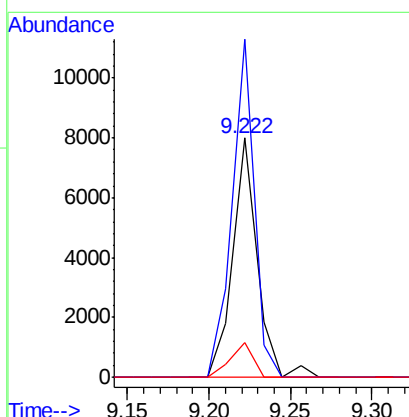
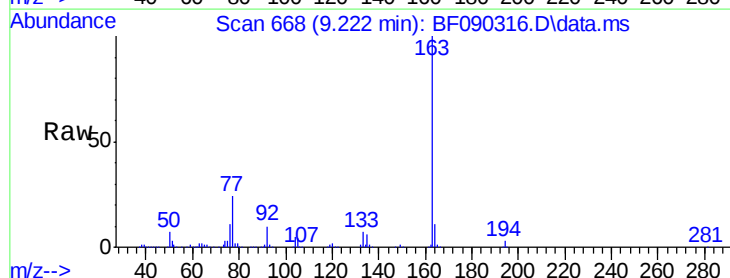
Tgt Ion:165 Resp: 8272

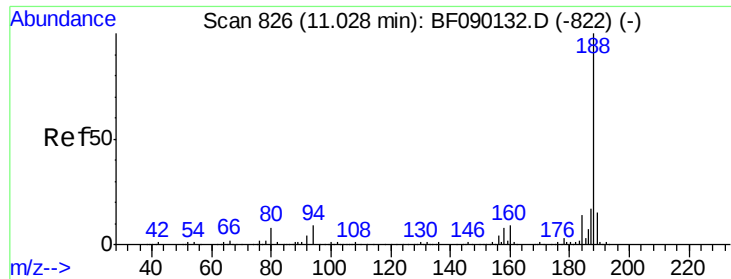
Ion Ratio Lower Upper

165 100

63 141.4 49.9 74.9#

89 14.4 51.0 76.4#

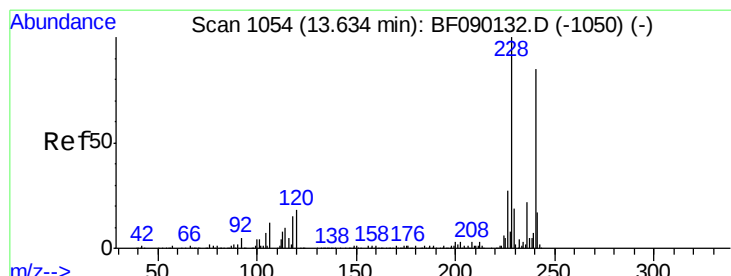
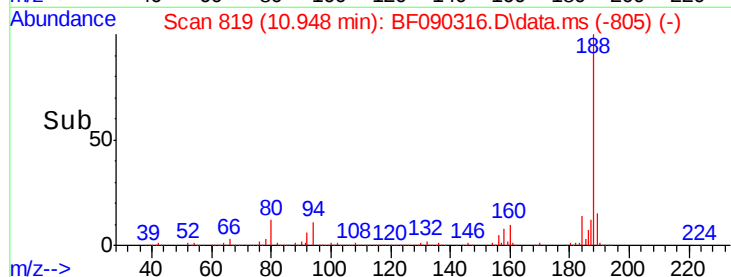
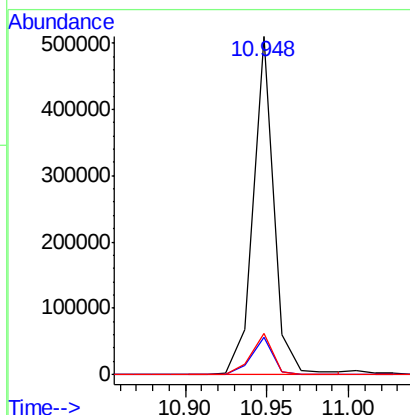
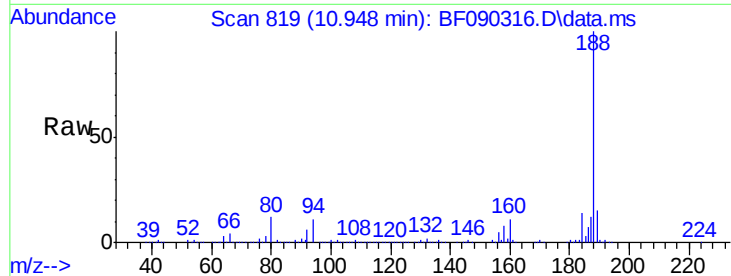




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.948 min Scan# 81
Delta R.T. -0.034 min
Lab File: BF090316.D
Acq: 30 Sep 2016 15:19

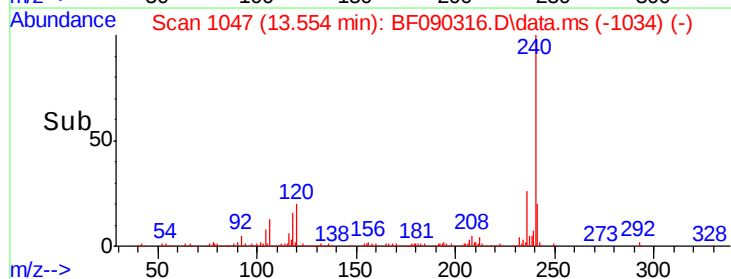
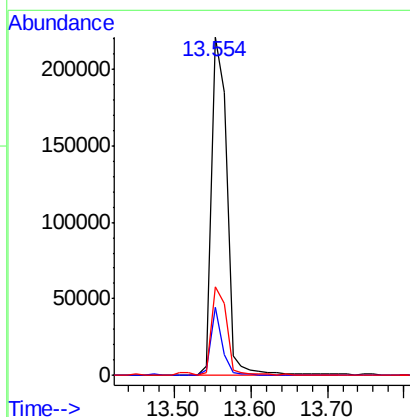
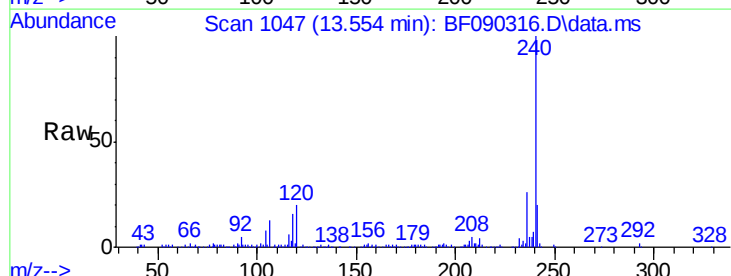
Instrument :
BNA_F
ClientSampleId :
SUP-B046-6-9

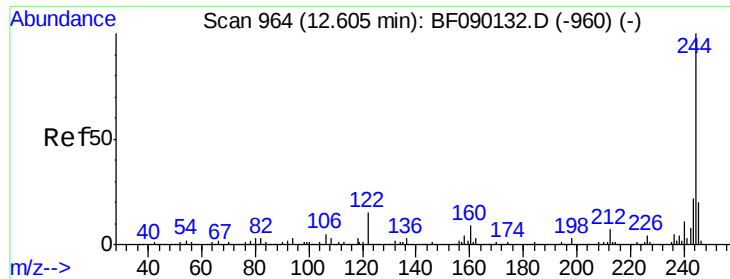
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	10.5	15.7
80	12.0	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.554 min Scan# 1047
Delta R.T. -0.046 min
Lab File: BF090316.D
Acq: 30 Sep 2016 15:19

Tgt Ion	Ratio	Lower	Upper
240	100		
120	20.0	10.6	16.0#
236	26.1	21.6	32.4





#78

Terphenyl-d14

Concen: 71.69 ng

RT: 12.537 min Scan# 95

Delta R.T. -0.023 min

Lab File: BF090316.D

Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9

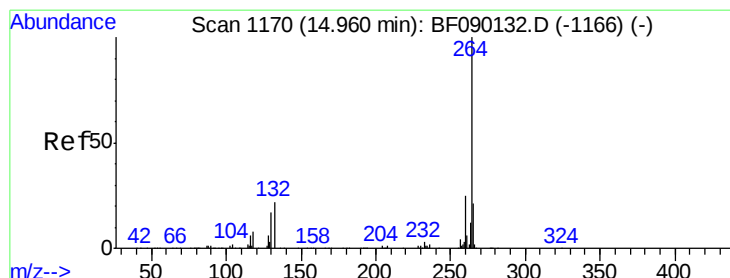
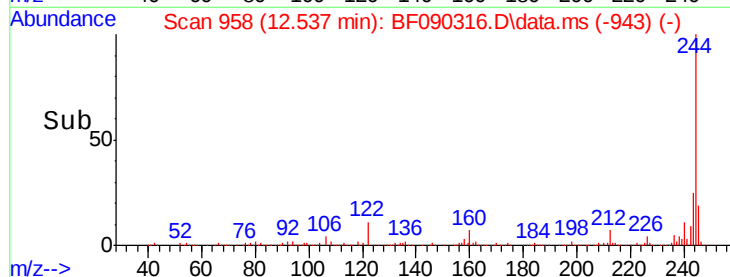
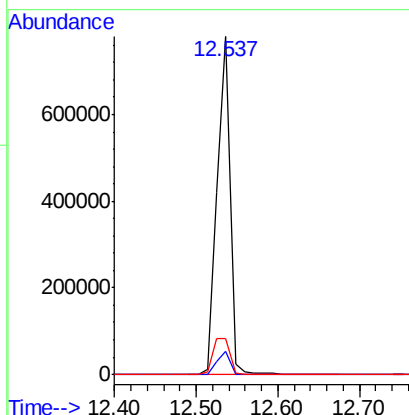
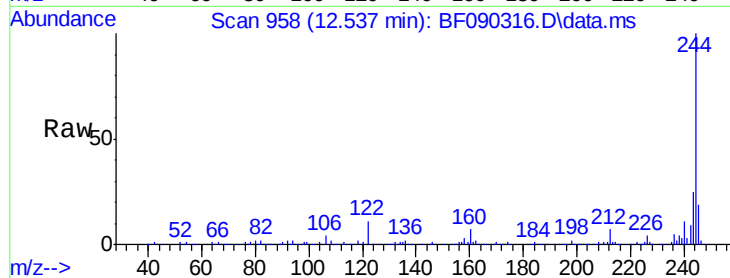
Tot Ion:244 Resp: 865569

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 10.8 9.4 14.0



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.880 min Scan# 1163

Delta R.T. -0.034 min

Lab File: BF090316.D

Acq: 30 Sep 2016 15:19

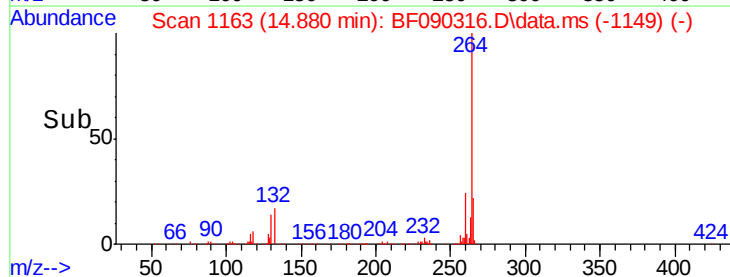
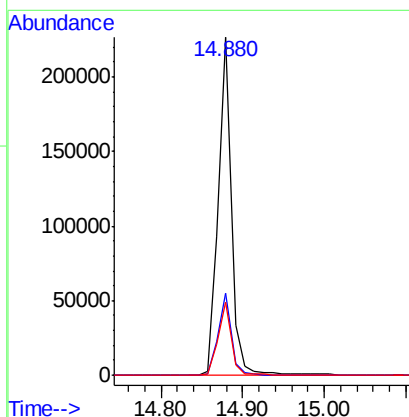
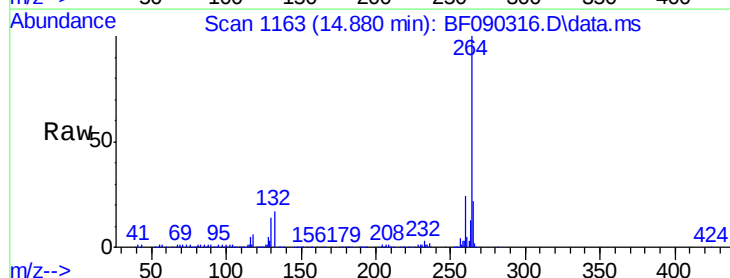
Tgt Ion:264 Resp: 256309

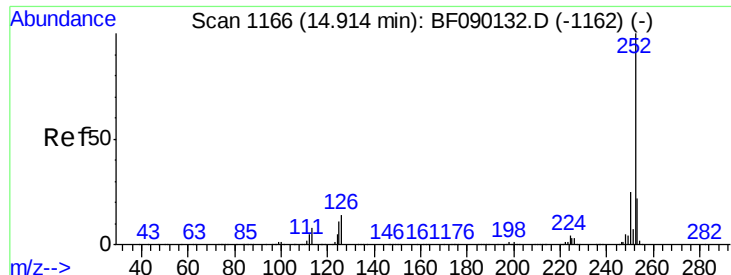
Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.8 17.0 25.4





#89

Benzo(a)pyrene

Concen: 2.86 ng

RT: 14.902 min Scan# 11

Delta R.T. 0.034 min

Lab File: BF090316.D

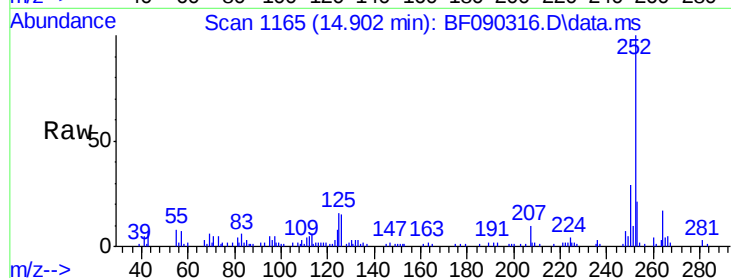
Acq: 30 Sep 2016 15:19

Instrument :

BNA_F

ClientSampleId :

SUP-B046-6-9



Tot Ion: 252 Resp: 38186

Ion Ratio Lower Upper

252 100

253 21.1 17.4 26.0

125 16.0 7.7 11.5#

