

Data Path : Z:\HPCHEM1\BNA F\Data\BF101216\
 Data File : BF090537.D
 Acq On : 12 Oct 2016 16:04
 Operator : UM/SJ
 Sample : H5158-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 12 17:18:34 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF101116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 11 16:14:43 2016
 Response via : Initial Calibration

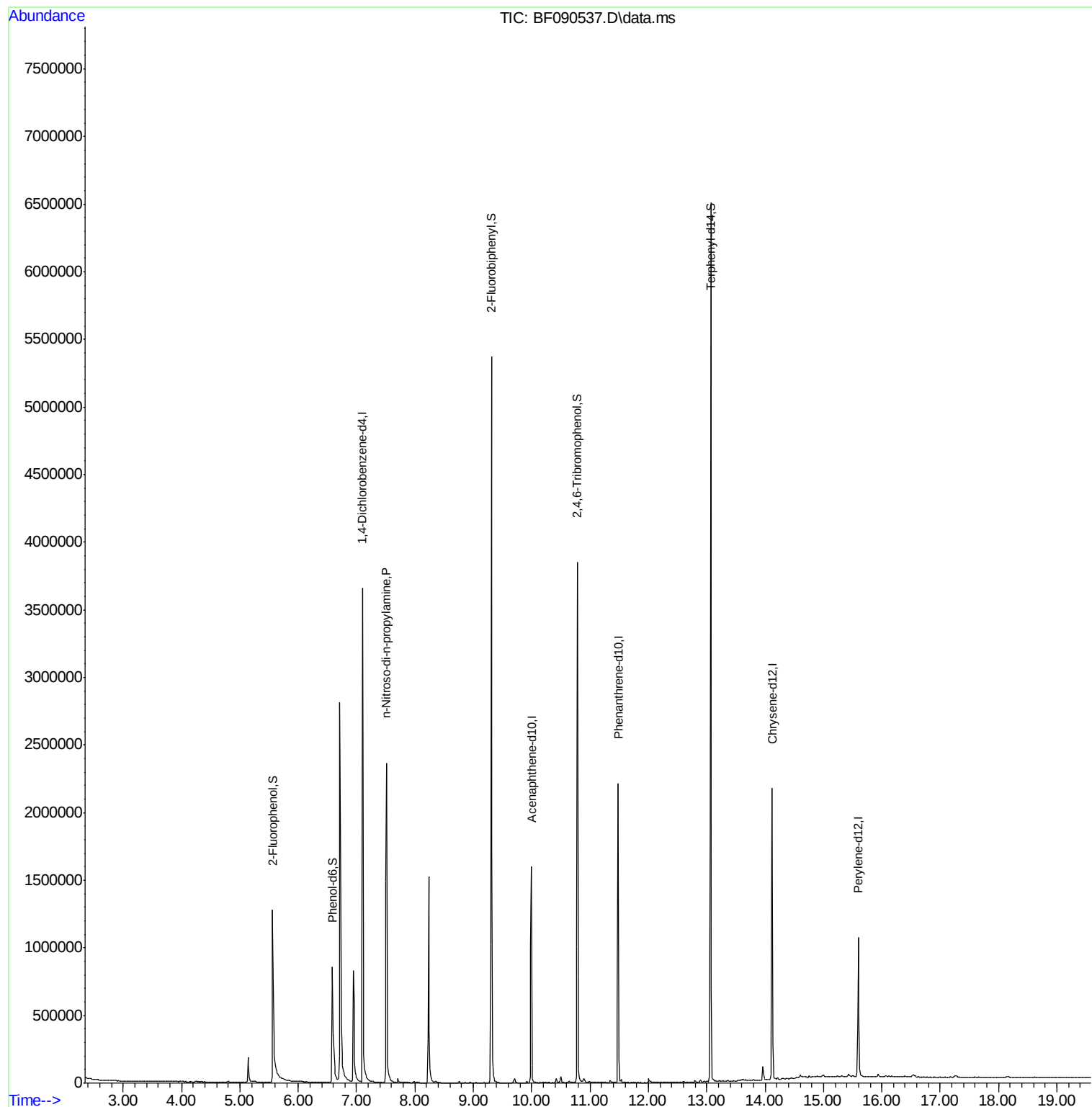
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.103	152	599845	20.00	ng	0.15
21) Naphthalene-d8	0.000	136	0	0.00	ng	-8.25
38) Acenaphthene-d10	9.995	164	469512	20.00	ng	-0.01
63) Phenanthrene-d10	11.480	188	819127	20.00	ng	0.00
75) Chrysene-d12	14.121	240	694250	20.00	ng	-0.01
86) Perylene-d12	15.595	264	490542	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.560	112	733359	19.02	ng	0.00
7) Phenol-d6	6.588	99	715136	14.70	ng	0.00
23) Nitrobenzene-d5	7.514	82	1182140	0.00	ng	0.00
41) 2,4,6-Tribromophenol	10.783	330	556590	119.59	ng	-0.01
44) 2-Fluorobiphenyl	9.309	172	2028086	72.59	ng	-0.01
78) Terphenyl-d14	13.069	244	2099280	73.90	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.514	70	157834	5.09	ng	# 58

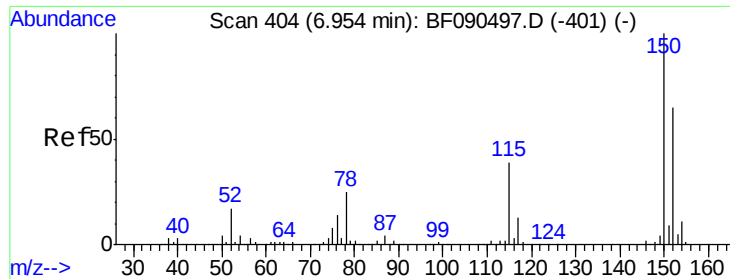
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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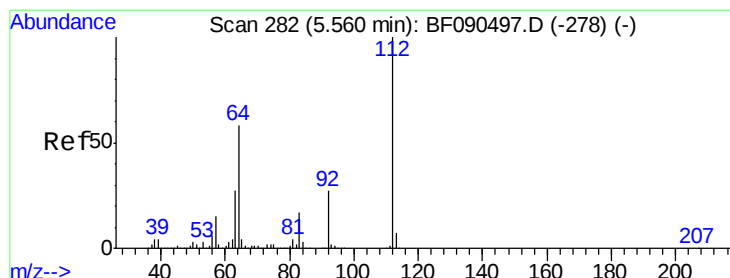
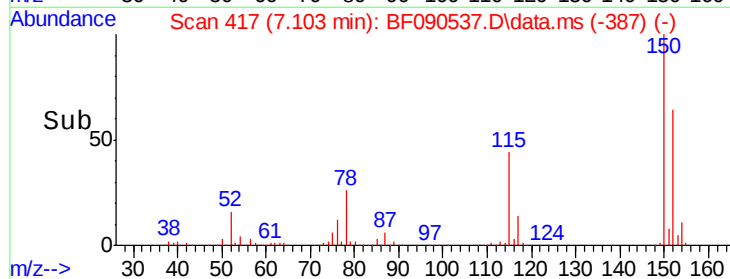
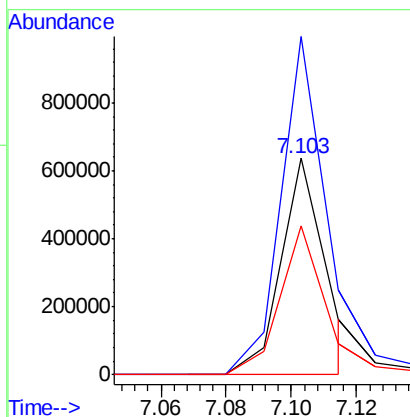
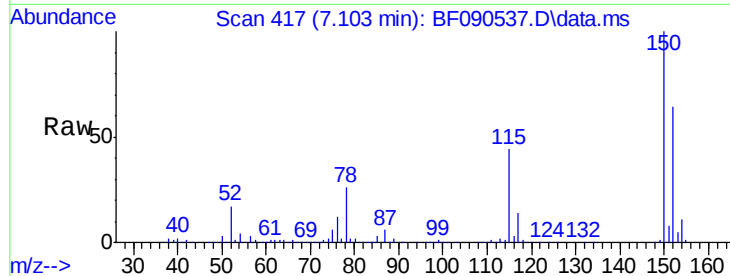




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.103 min Scan# 41
 Delta R.T. 0.149 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

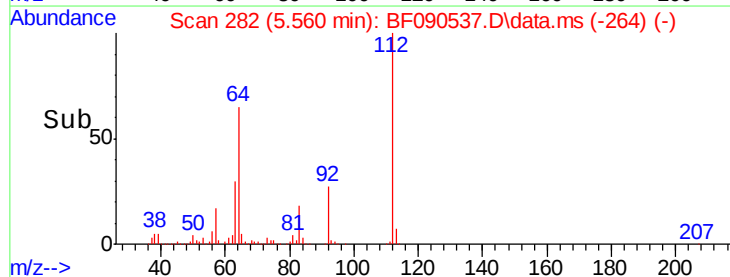
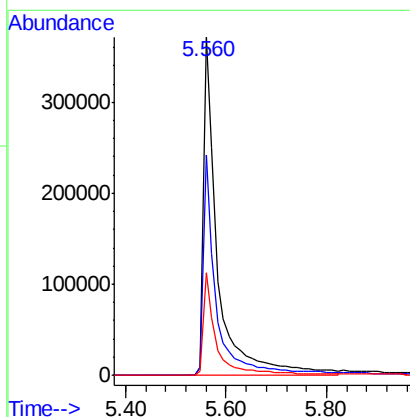
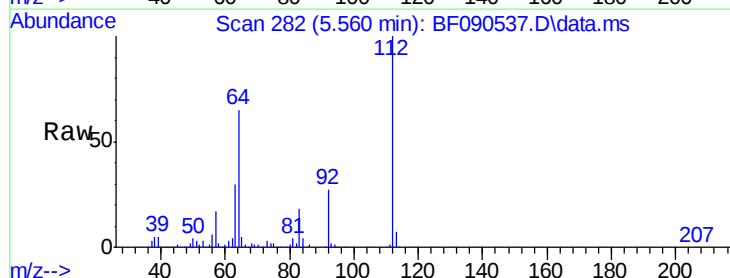
Instrument :
 BNA_F
 ClientSampleId :

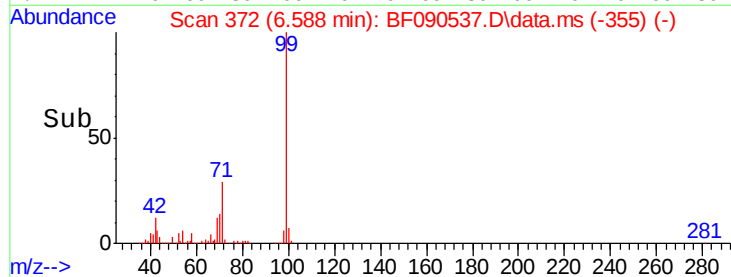
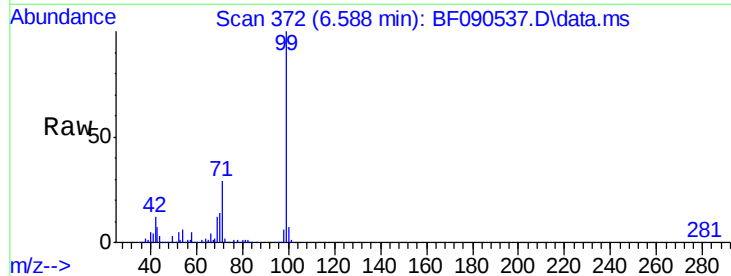
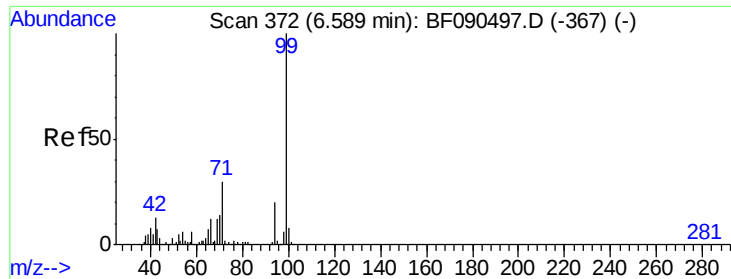
Tot Ion	Ratio	Lower	Upper
152	100		
150	156.5	124.6	186.8
115	68.7	46.2	69.4



#5
 2-Fluorophenol
 Concen: 19.02 ng
 RT: 5.560 min Scan# 282
 Delta R.T. 0.001 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.0	57.9	86.9
63	30.4	29.6	44.4





#7

Phenol-d6

Concen: 14.70 ng

RT: 6.588 min Scan# 37

Delta R.T. -0.000 min

Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

Instrument :

BNA_F

ClientSampleId :

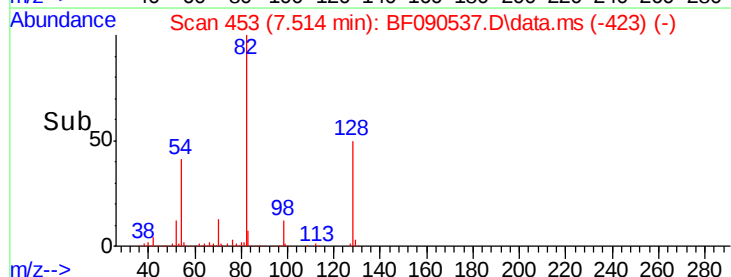
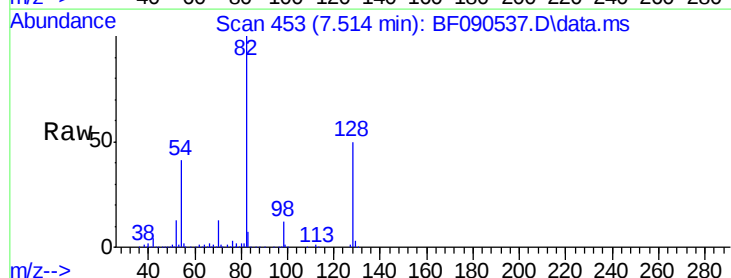
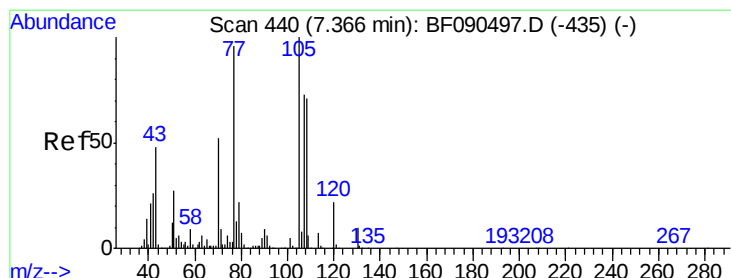
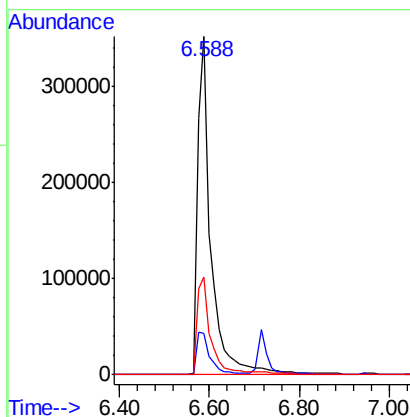
Tot Ion: 99 Resp: 715136

Ion Ratio Lower Upper

99 100

42 12.2 20.0 30.0#

71 28.8 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 5.09 ng

RT: 7.514 min Scan# 453

Delta R.T. 0.149 min

Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

Tgt Ion: 70 Resp: 157834

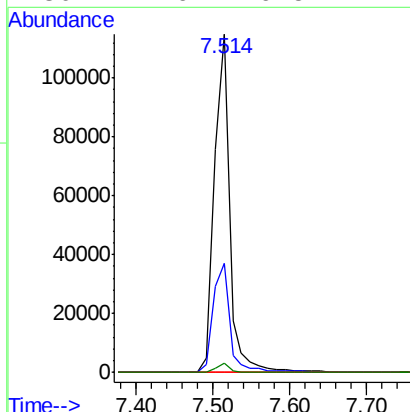
Ion Ratio Lower Upper

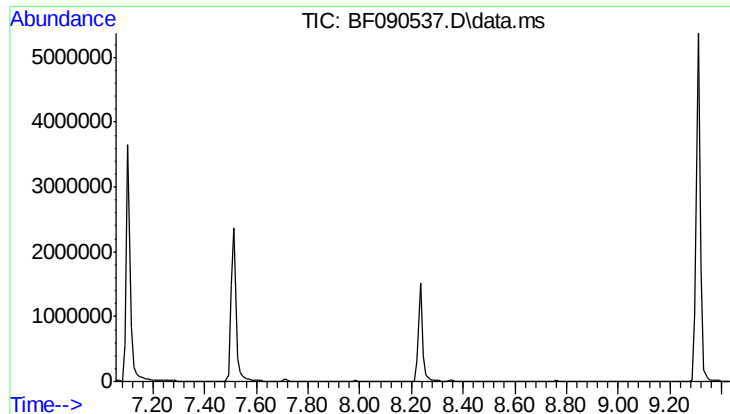
70 100

42 32.1 55.4 83.2#

101 0.0 7.6 11.4#

130 2.6 16.5 24.7#

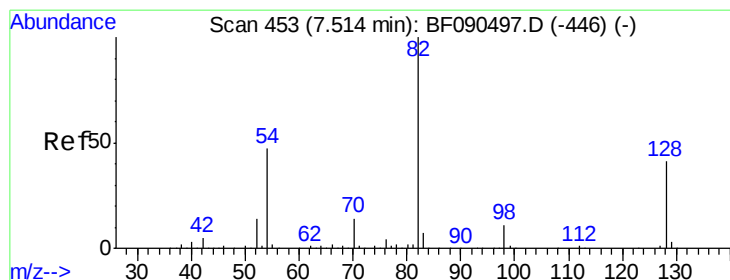
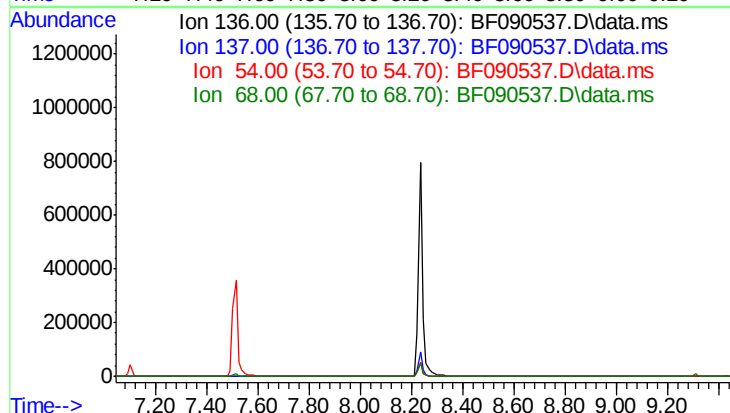




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 8.25 min
Lab File: BF090537.D
Acq: 12 Oct 2016 16:04

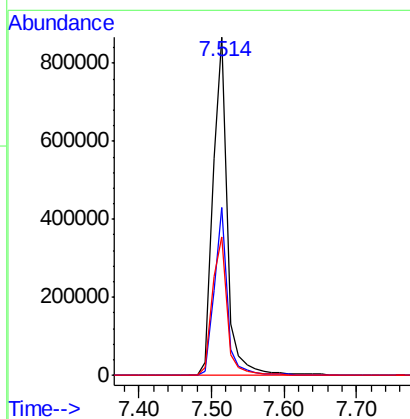
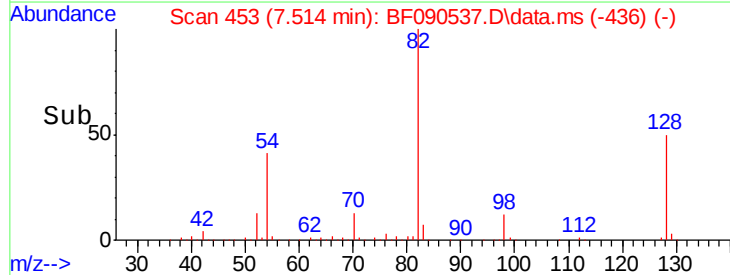
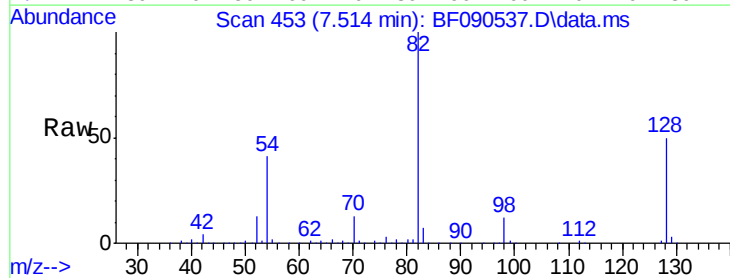
Instrument :
BNA_F
ClientSampleId :

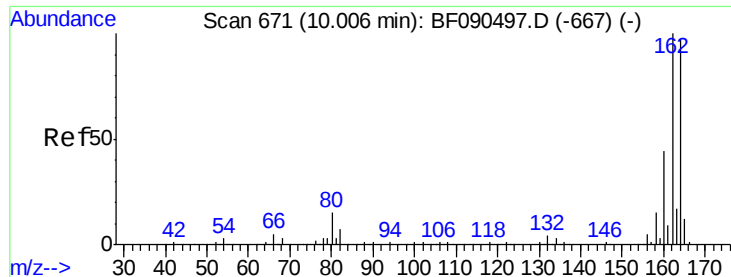
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.3
54 8.3
68 6.3



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.514 min Scan# 453
Delta R.T. -0.000 min
Lab File: BF090537.D
Acq: 12 Oct 2016 16:04

Tgt Ion: 82 Resp: 1182140
Ion Ratio Lower Upper
82 100
128 49.8 40.0 60.0
54 41.1 42.6 64.0#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.995 min Scan# 671

Delta R.T. -0.012 min

Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

Instrument :

BNA_F

ClientSampleId :

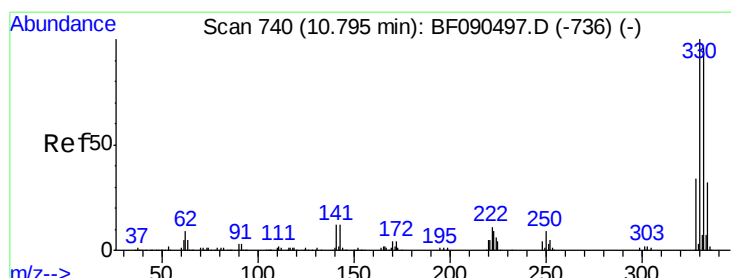
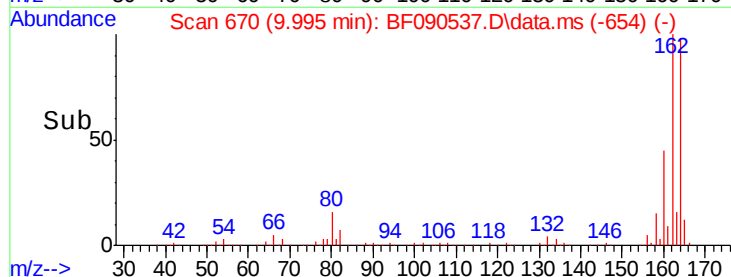
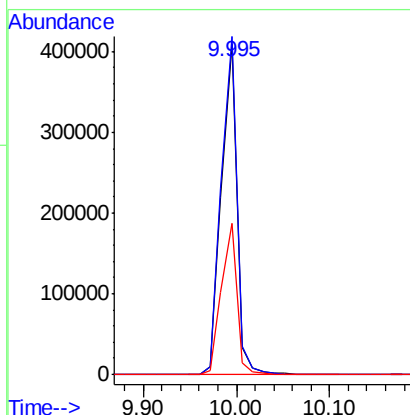
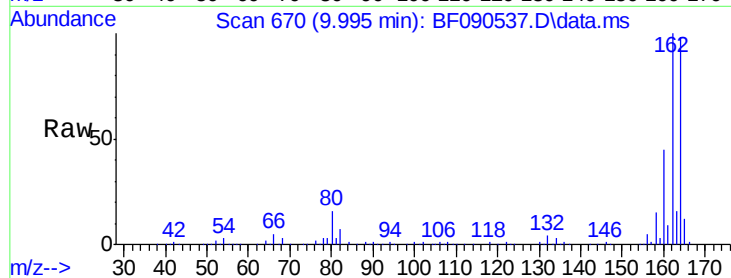
Tot Ion:164 Resp: 469512

Ion Ratio Lower Upper

164 100

162 102.4 80.1 120.1

160 45.9 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 119.59 ng

RT: 10.783 min Scan# 739

Delta R.T. -0.012 min

Lab File: BF090537.D

Acq: 12 Oct 2016 16:04

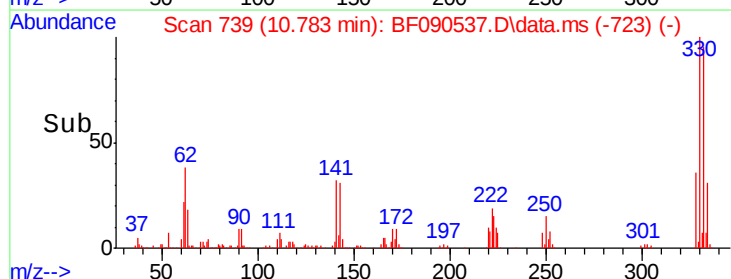
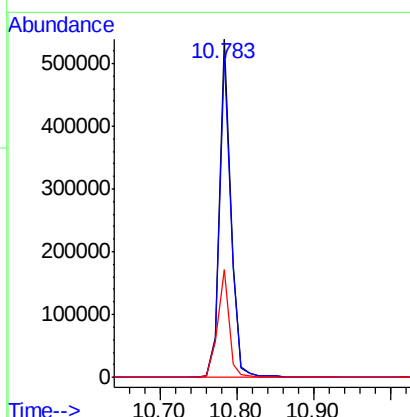
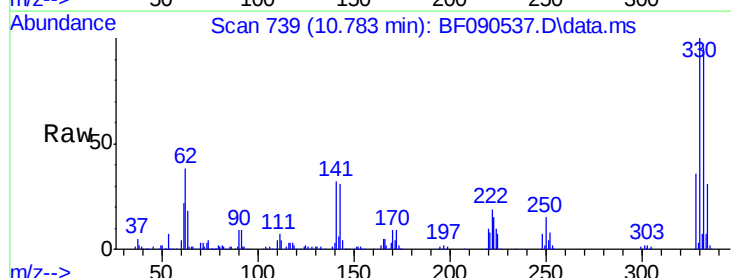
Tgt Ion:330 Resp: 556590

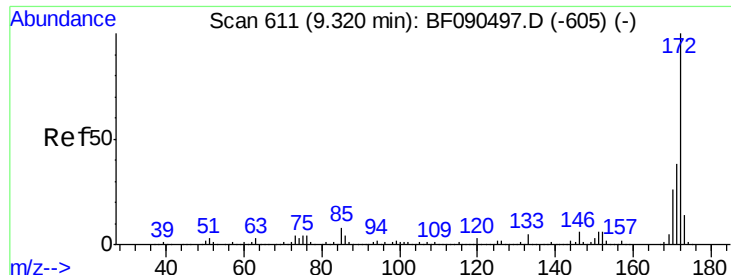
Ion Ratio Lower Upper

330 100

332 96.0 75.4 113.0

141 32.1 26.9 40.3



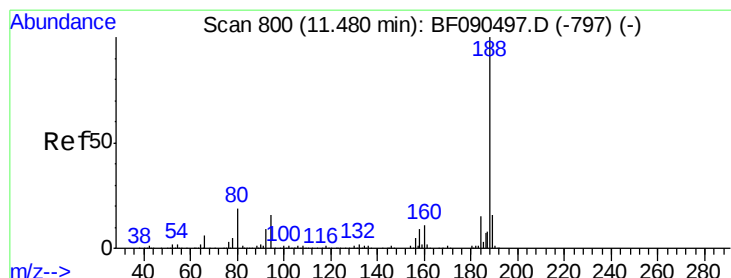
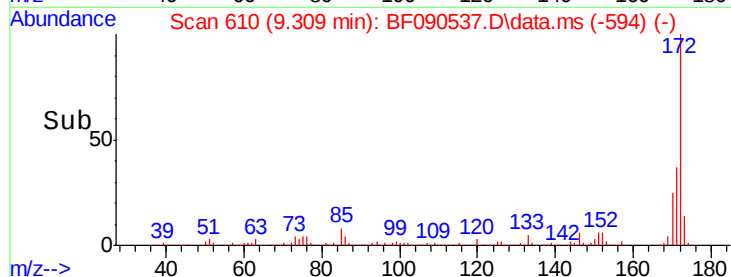
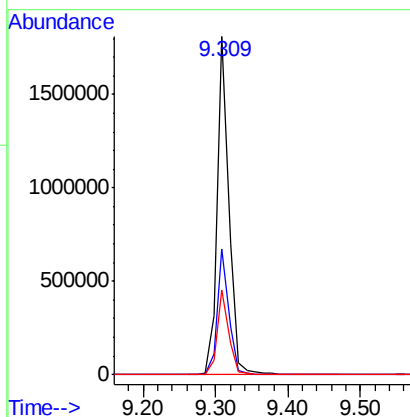
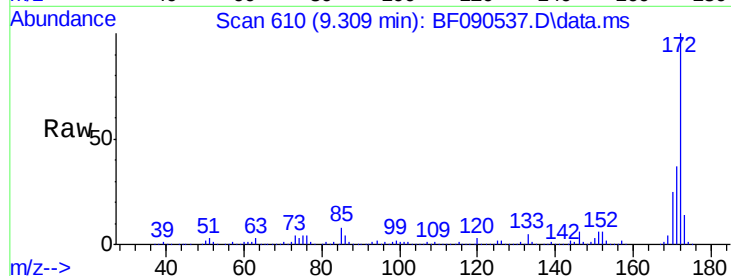


#44
 2-Fluorobiphenyl
 Concen: 72.59 ng
 RT: 9.309 min Scan# 61
 Delta R.T. -0.012 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2028086

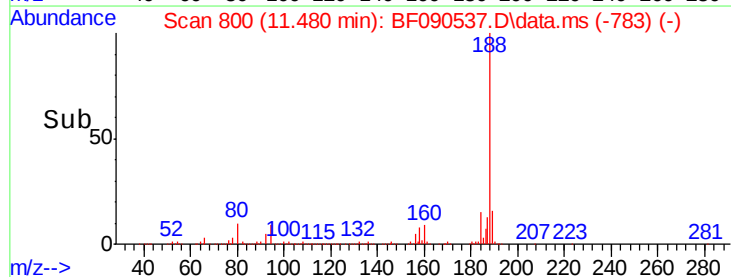
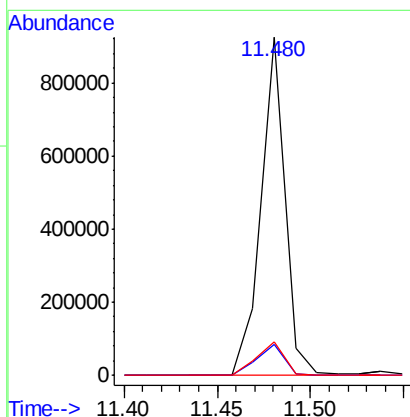
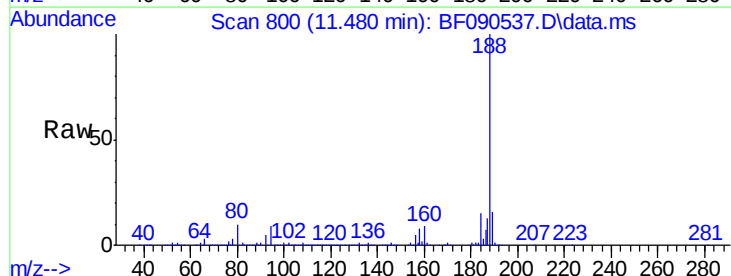
Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.8	47.8
170	24.9	21.7	32.5

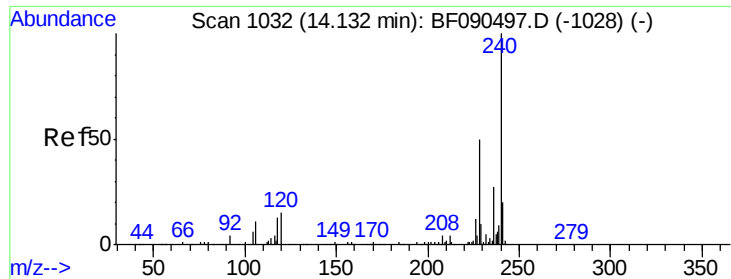


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.480 min Scan# 800
 Delta R.T. -0.000 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Tgt Ion:188 Resp: 819127

Ion	Ratio	Lower	Upper
188	100		
94	9.2	8.2	12.2
80	9.8	8.8	13.2

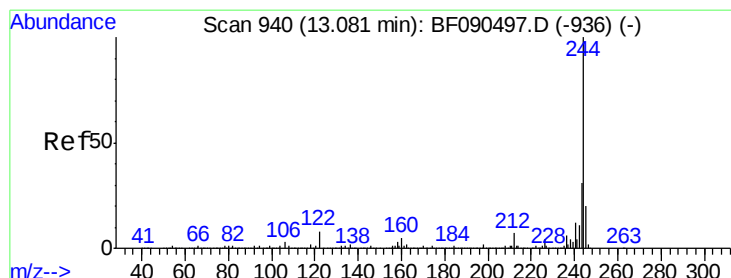
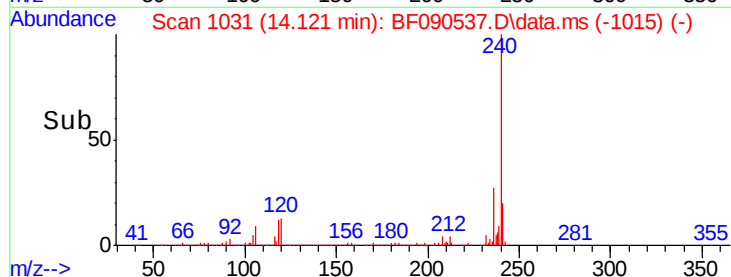
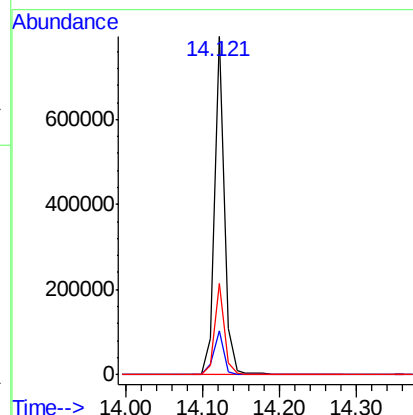
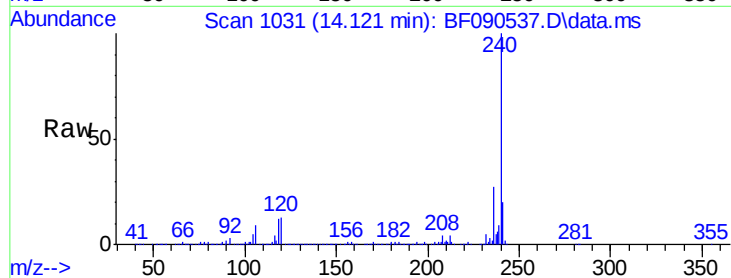




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.121 min Scan# 10
 Delta R.T. -0.011 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

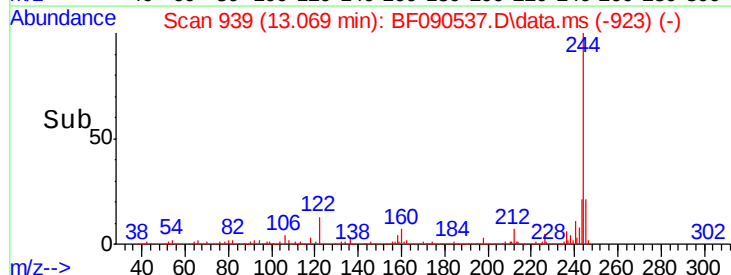
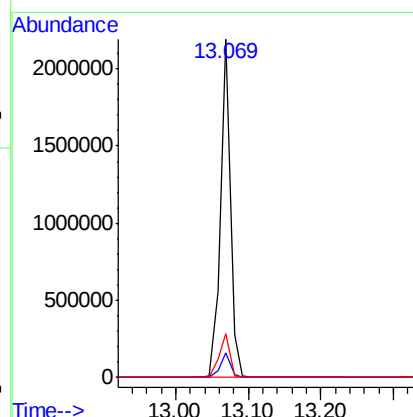
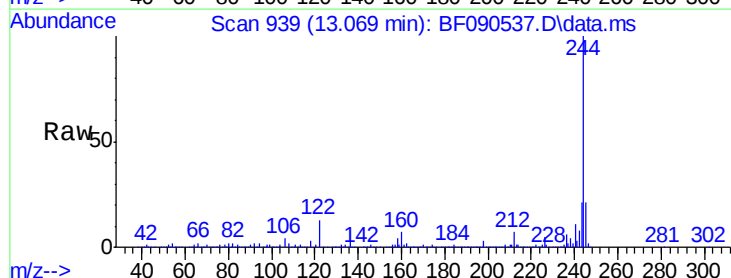
Instrument :
 BNA_F
 ClientSampleId :

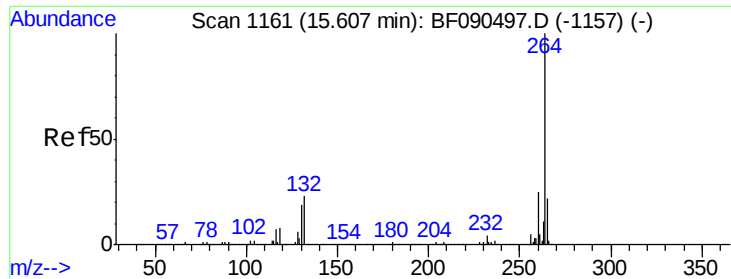
Tot Ion	Ratio	Lower	Upper
240	100		
120	12.8	8.6	13.0
236	27.0	21.6	32.4



#78
 Terphenyl-d14
 Concen: 73.90 ng
 RT: 13.069 min Scan# 939
 Delta R.T. -0.011 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.8	10.2
122	13.0	13.3	19.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.595 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF090537.D
 Acq: 12 Oct 2016 16:04

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	264	Resp:	490542
Ion Ratio	Lower	Upper	
264	100		
260	24.6	19.3	28.9
265	21.9	17.4	26.0

