

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
 Data File : BF090441.D
 Acq On : 7 Oct 2016 13:07
 Operator : UM/SJ
 Sample : H5121-03
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 13:48:03 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF100516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 05 14:57:00 2016
 Response via : Initial Calibration

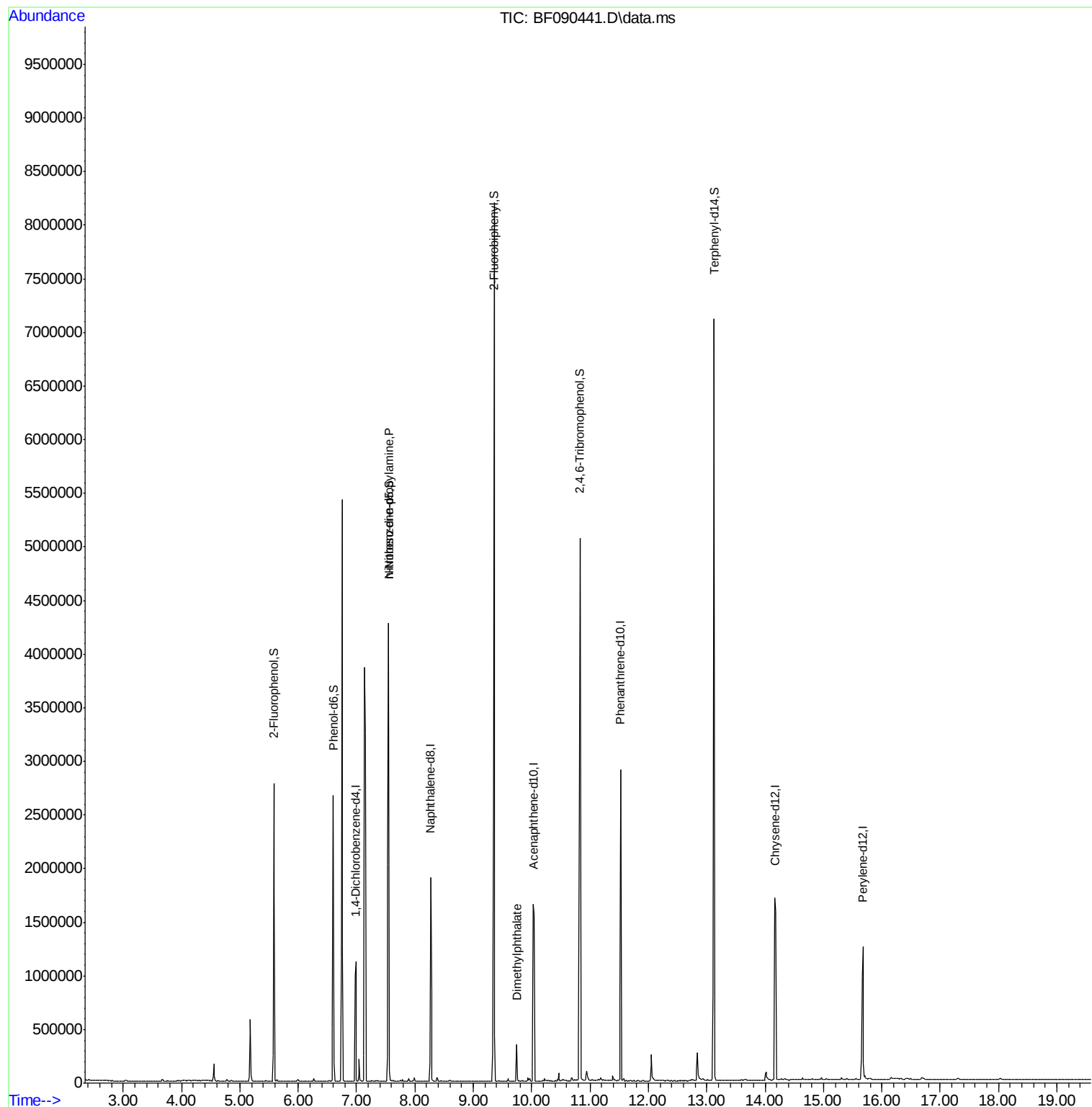
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	236065	20.00	ng	-0.01
21) Naphthalene-d8	8.269	136	963218	20.00	ng	-0.02
38) Acenaphthene-d10	10.040	164	518053	20.00	ng	-0.01
63) Phenanthrene-d10	11.526	188	969841	20.00	ng	-0.02
75) Chrysene-d12	14.178	240	805129	20.00	ng	-0.02
86) Perylene-d12	15.675	264	580372	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	955220	60.39	ng	-0.02
7) Phenol-d6	6.600	99	817511	39.46	ng	-0.02
23) Nitrobenzene-d5	7.549	82	1632986	82.47	ng	-0.02
41) 2,4,6-Tribromophenol	10.829	330	649540	154.20	ng	-0.02
44) 2-Fluorobiphenyl	9.355	172	2512543	80.81	ng	-0.02
78) Terphenyl-d14	13.126	244	3172483	88.59	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.549	70	230301	15.16	ng	Qvalue # 63
49) Dimethylphthalate	9.743	163	118733	3.58	ng	97

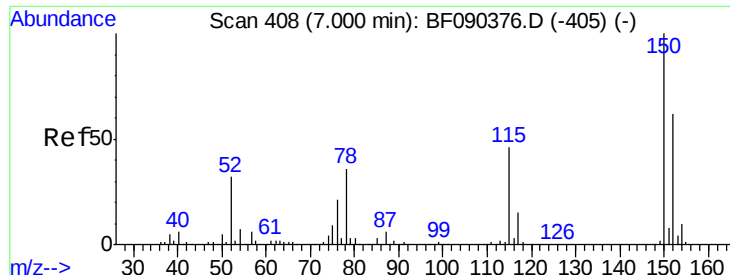
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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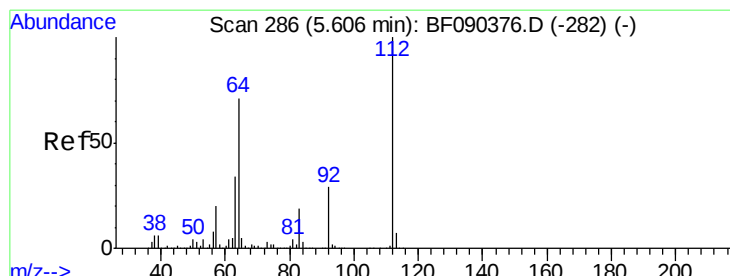
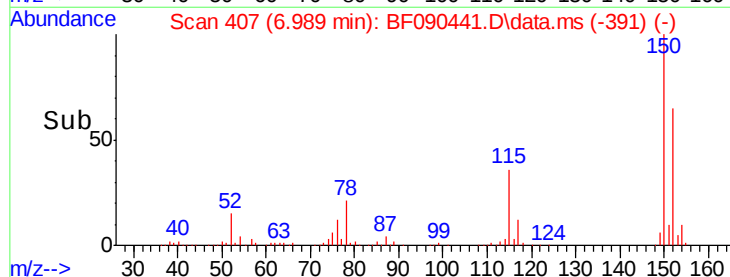
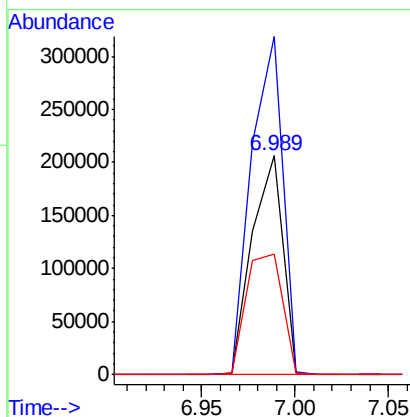
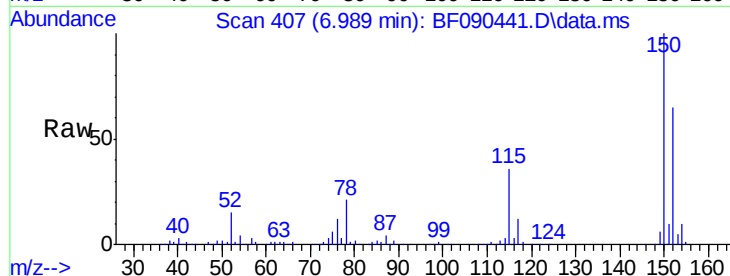




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.989 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

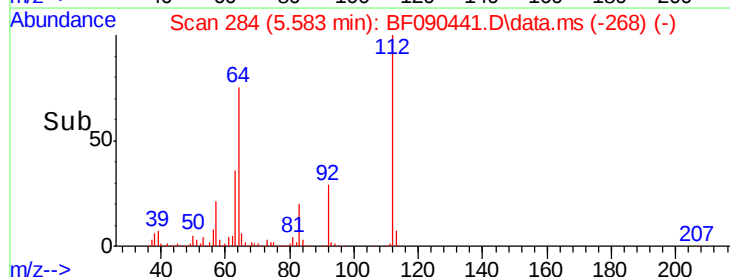
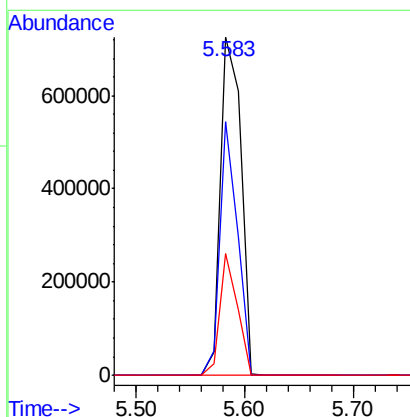
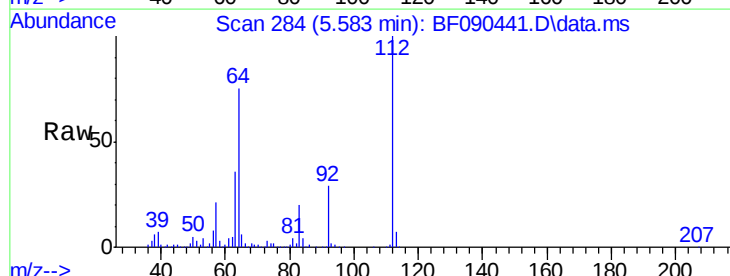
Instrument :
 BNA_F
 ClientSampleId :

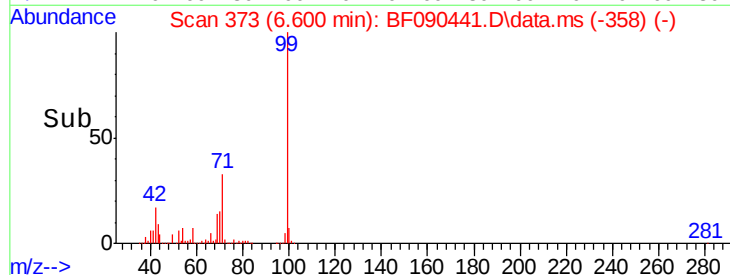
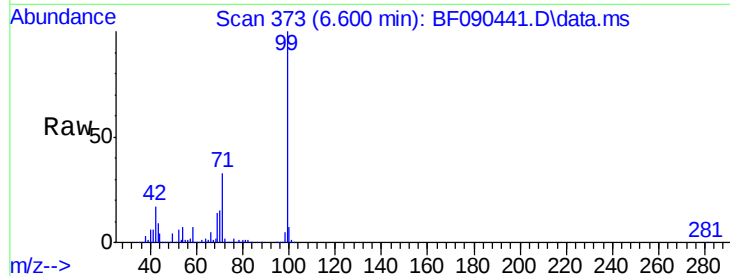
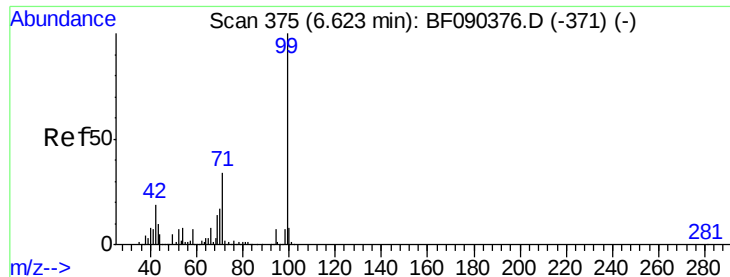
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.7	124.6	186.8
115	55.3	46.2	69.4



#5
 2-Fluorophenol
 Concen: 60.39 ng
 RT: 5.583 min Scan# 284
 Delta R.T. -0.022 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.0	57.9	86.9
63	36.0	29.6	44.4





#7

Phenol-d6

Concen: 39.46 ng

RT: 6.600 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Instrument :

BNA_F

ClientSampleId :

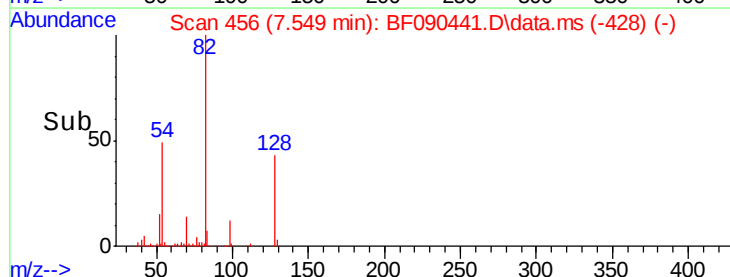
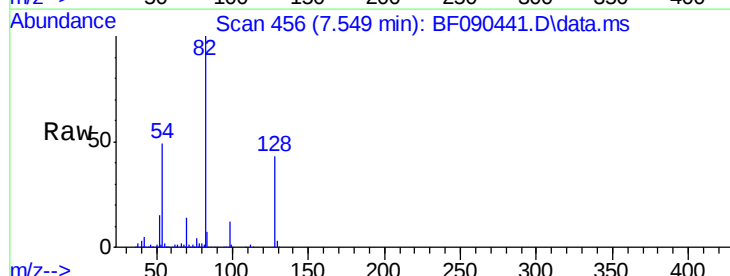
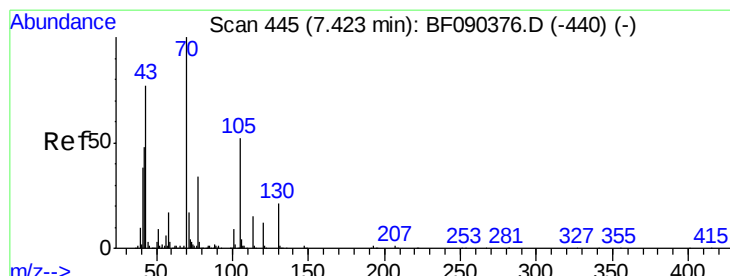
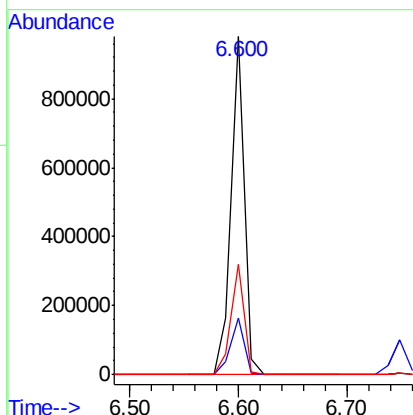
Tot Ion: 99 Resp: 817511

Ion Ratio Lower Upper

99 100

42 16.9 20.0 30.0#

71 32.8 27.9 41.9



#19

n-Nitroso-di-n-propylamine

Concen: 15.16 ng

RT: 7.549 min Scan# 456

Delta R.T. 0.126 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Tgt Ion: 70 Resp: 230301

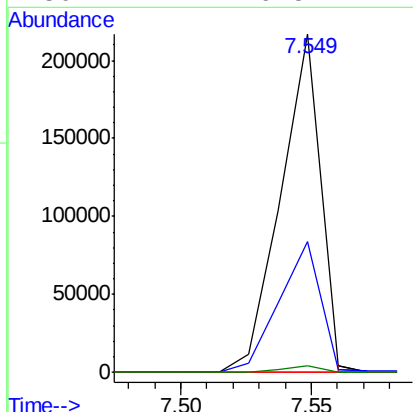
Ion Ratio Lower Upper

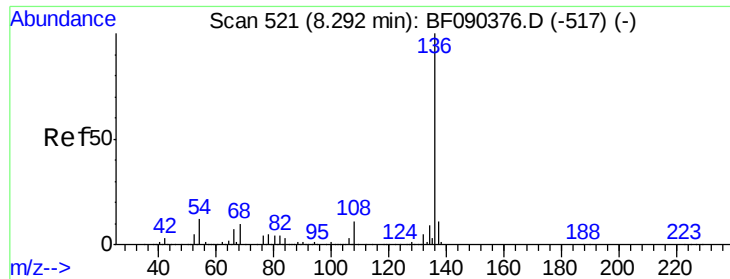
70 100

42 38.5 55.4 83.2#

101 0.0 7.6 11.4#

130 2.1 16.5 24.7#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.269 min Scan# 51

Delta R.T. -0.023 min

Lab File: BF090441.D

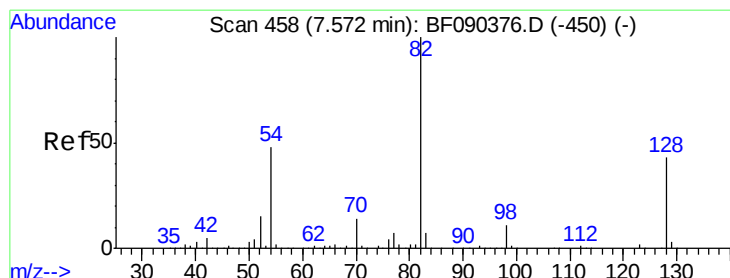
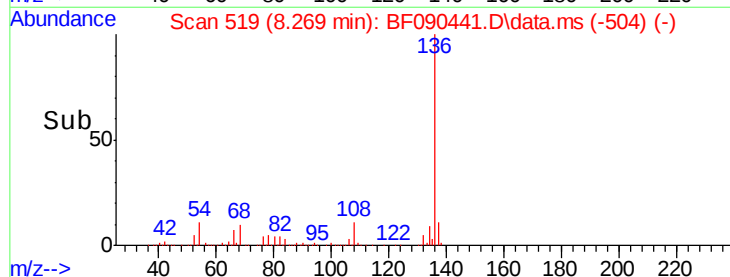
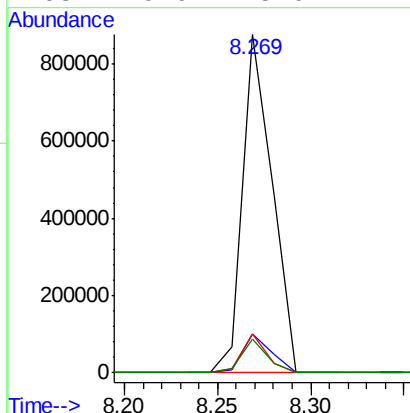
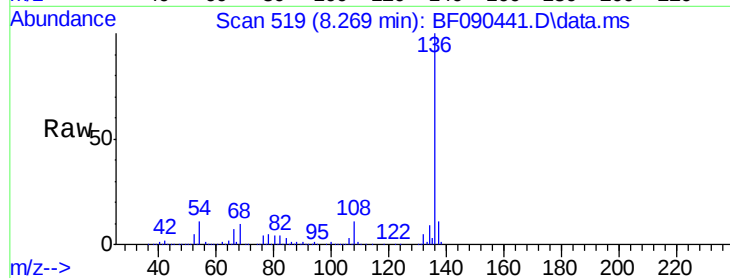
Acq: 7 Oct 2016 13:07

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136	Resp:	963218
Ion	Ratio	Lower Upper
136	100	
137	11.4	9.0 13.6
54	11.5	6.6 10.0#
68	9.9	5.0 7.6#



#23

Nitrobenzene-d5

Concen: 82.47 ng

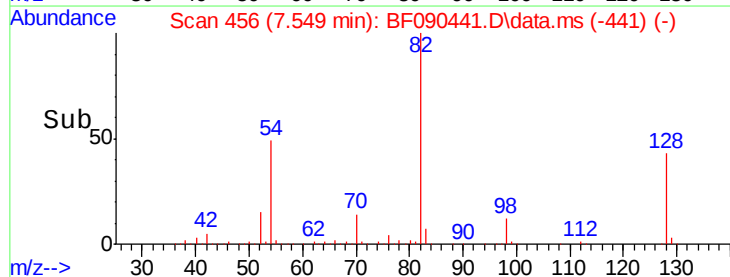
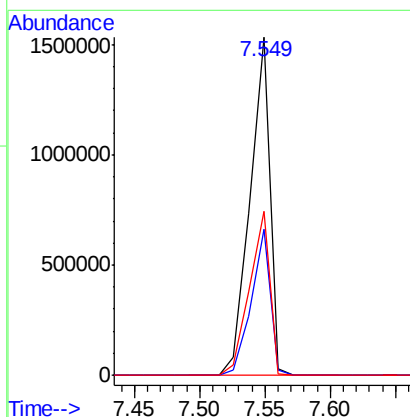
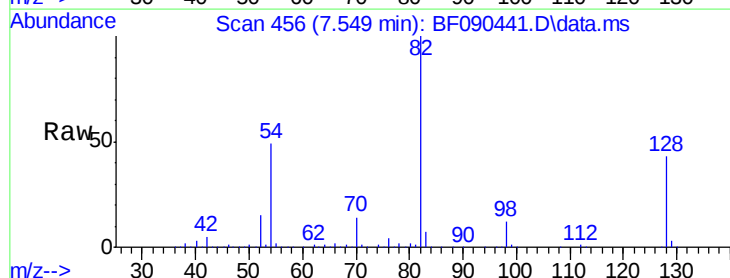
RT: 7.549 min Scan# 456

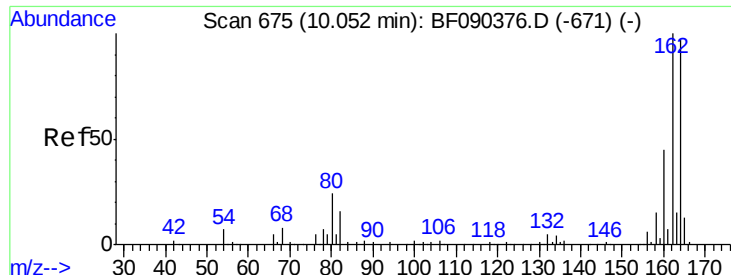
Delta R.T. -0.023 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Tgt Ion: 82	Resp:	1632986
Ion	Ratio	Lower Upper
82	100	
128	43.2	40.0 60.0
54	48.6	42.6 64.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.040 min Scan# 67

Delta R.T. -0.012 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Instrument :

BNA_F

ClientSampleId :

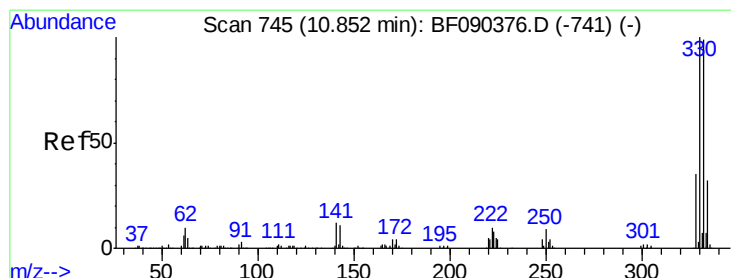
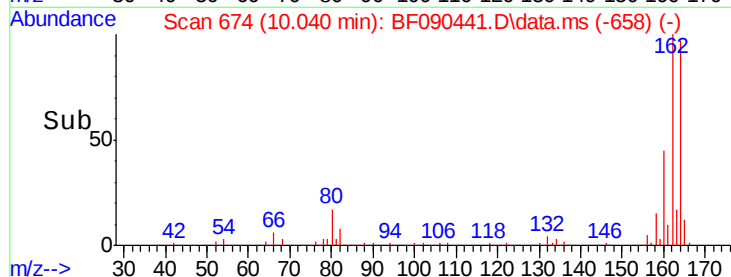
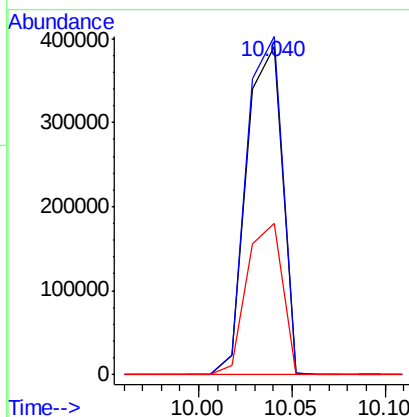
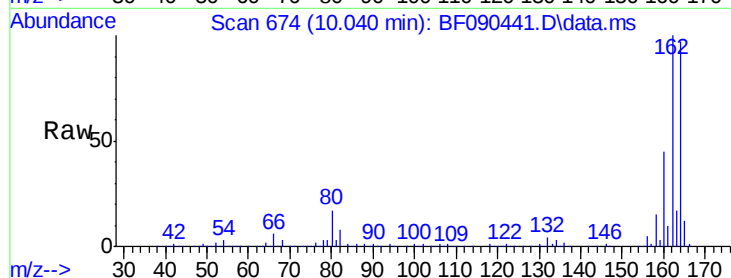
Tot Ion:164 Resp: 518053

Ion Ratio Lower Upper

164 100

162 103.0 80.1 120.1

160 46.1 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 154.20 ng

RT: 10.829 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

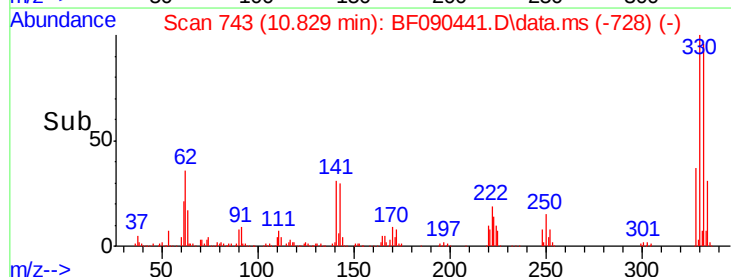
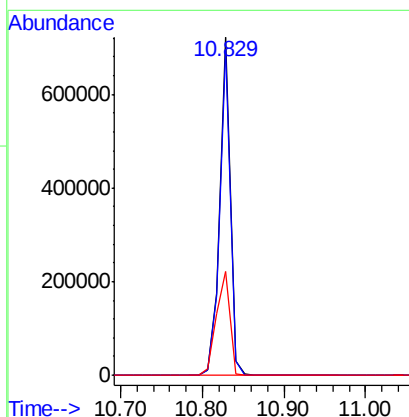
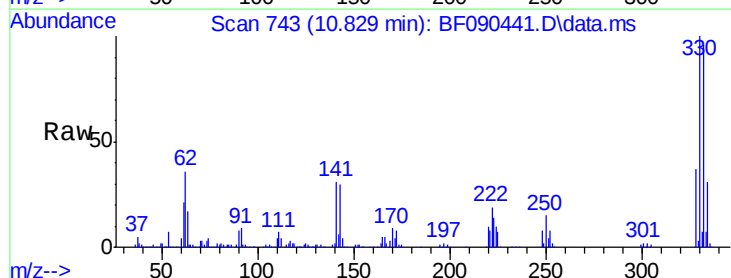
Tgt Ion:330 Resp: 649540

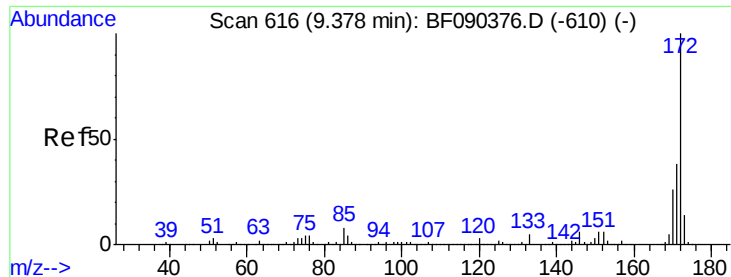
Ion Ratio Lower Upper

330 100

332 96.4 75.4 113.0

141 39.6 26.9 40.3

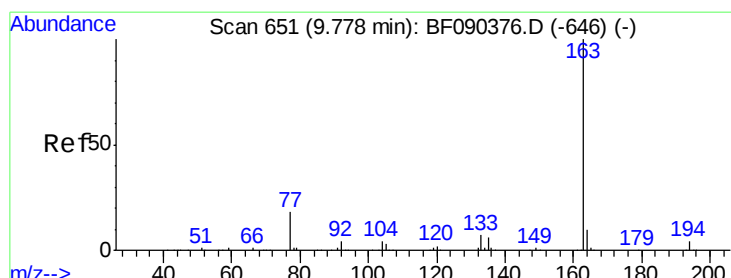
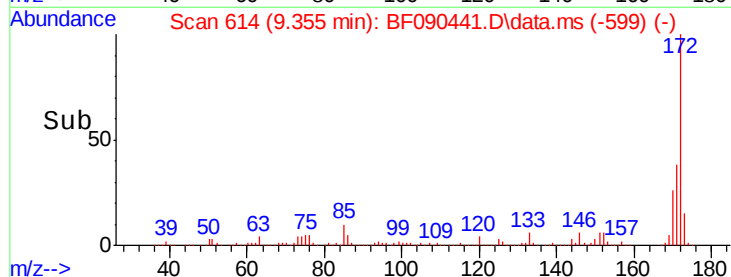
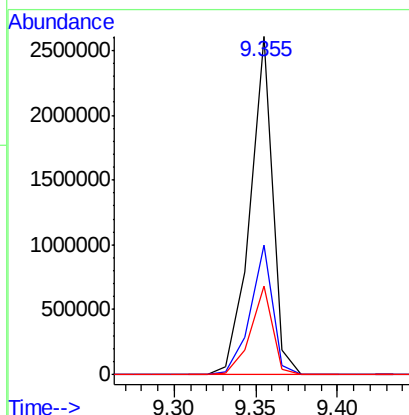
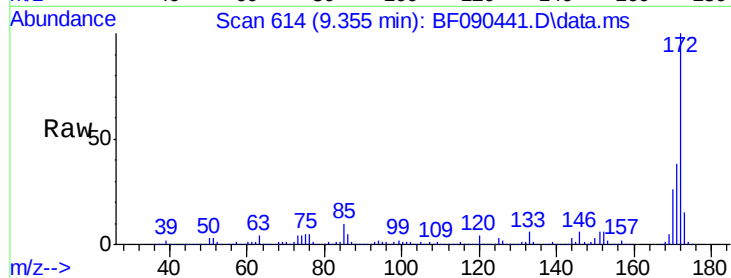




#44
2-Fluorobiphenyl
Concen: 80.81 ng
RT: 9.355 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090441.D
Acq: 7 Oct 2016 13:07

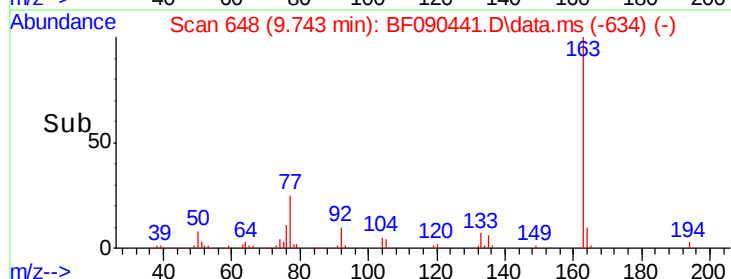
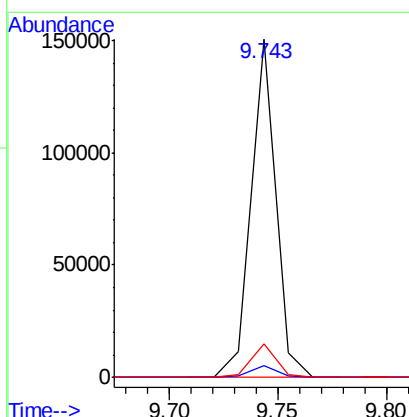
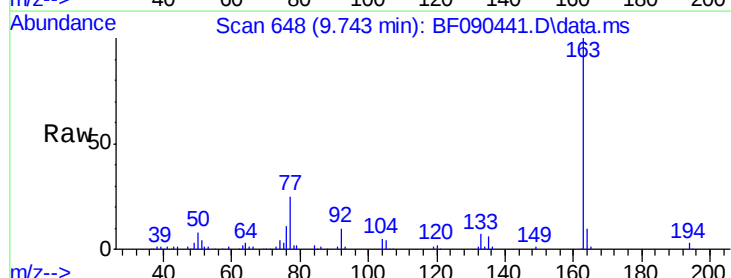
Instrument :
BNA_F
ClientSampled :

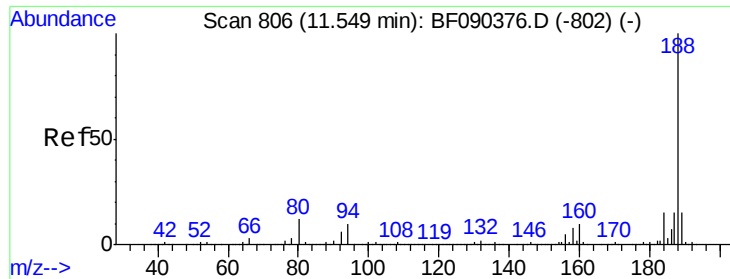
Tot Ion:172 Resp: 2512543
Ion Ratio Lower Upper
172 100
171 38.4 31.8 47.8
170 26.3 21.7 32.5



#49
Dimethylphthalate
Concen: 3.58 ng
RT: 9.743 min Scan# 648
Delta R.T. -0.034 min
Lab File: BF090441.D
Acq: 7 Oct 2016 13:07

Tgt Ion:163 Resp: 118733
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.7 9.0 13.4

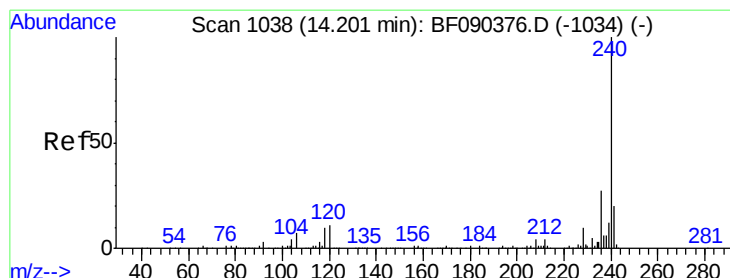
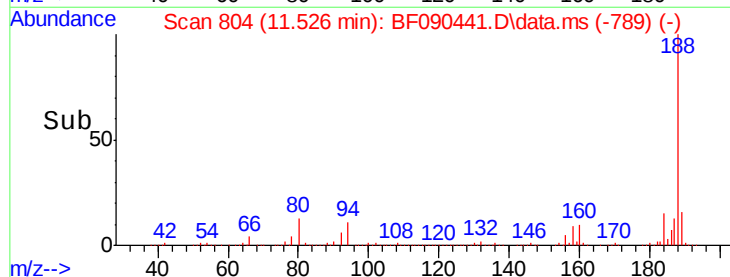
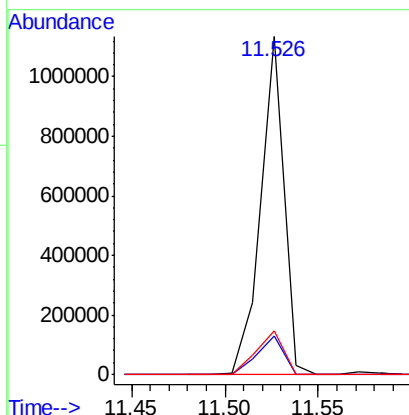
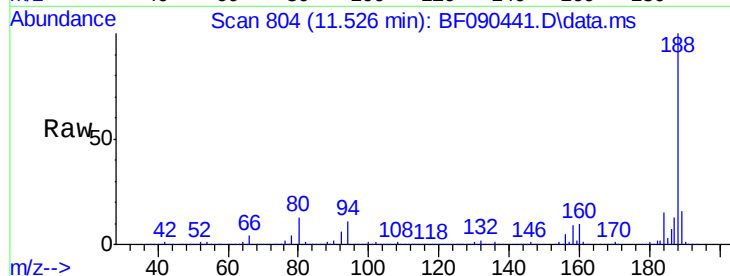




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.526 min Scan# 80
 Delta R.T. -0.023 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

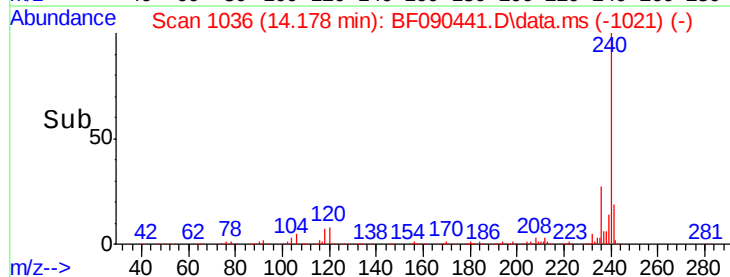
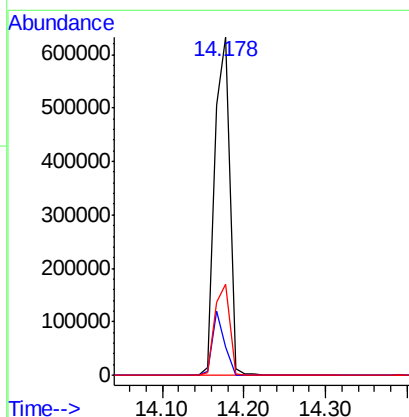
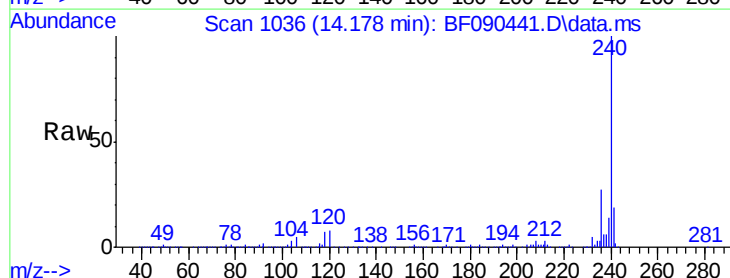
Instrument :
 BNA_F
 ClientSampleId :

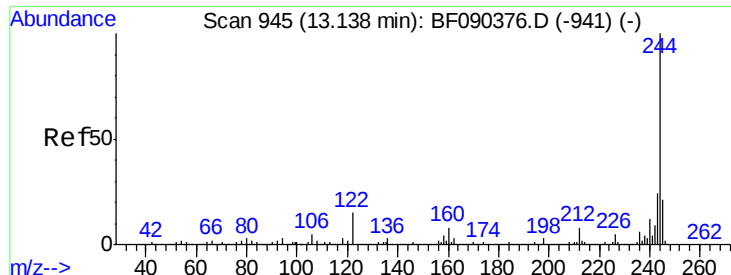
Tot Ion:188 Resp: 969841
 Ion Ratio Lower Upper
 188 100
 94 11.4 8.2 12.2
 80 12.9 8.8 13.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.178 min Scan# 1036
 Delta R.T. -0.023 min
 Lab File: BF090441.D
 Acq: 7 Oct 2016 13:07

Tgt Ion:240 Resp: 805129
 Ion Ratio Lower Upper
 240 100
 120 8.2 8.6 13.0#
 236 27.1 21.6 32.4





#78

Terphenyl-d14

Concen: 88.59 ng

RT: 13.126 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

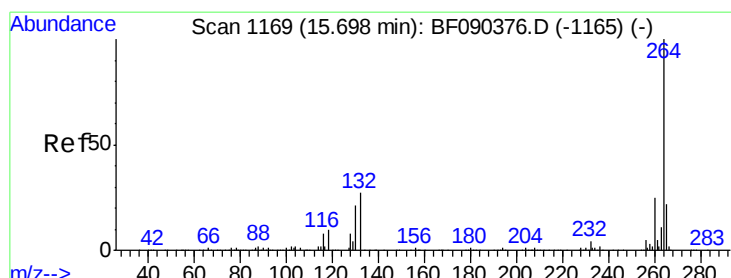
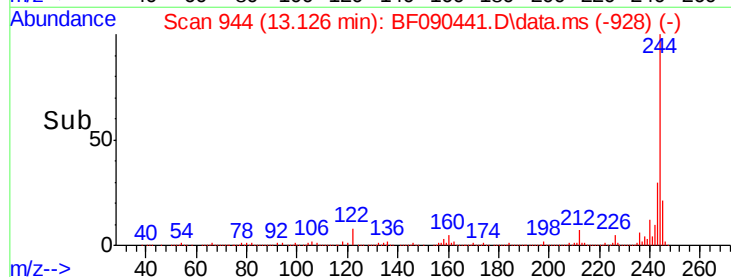
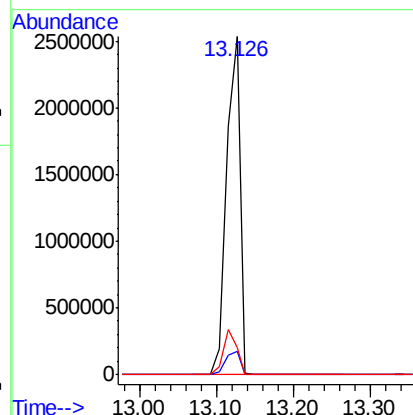
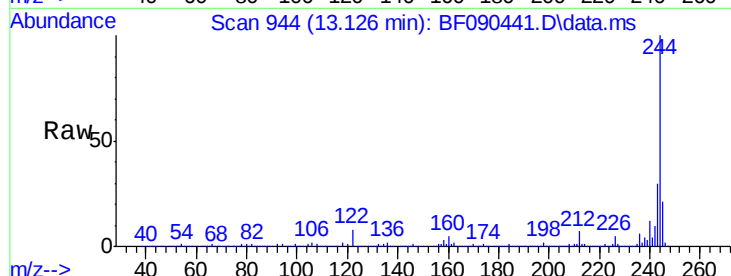
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 3172483

Ion	Ratio	Lower	Upper
244	100		
212	6.8	6.8	10.2
122	8.0	13.3	19.9#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.675 min Scan# 1167

Delta R.T. -0.023 min

Lab File: BF090441.D

Acq: 7 Oct 2016 13:07

Tgt Ion:264 Resp: 580372

Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.3	28.9
265	21.7	17.4	26.0

