

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
 Data File : BF090449.D
 Acq On : 7 Oct 2016 17:16
 Operator : UM/SJ
 Sample : PB93839BL
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 17:44:31 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

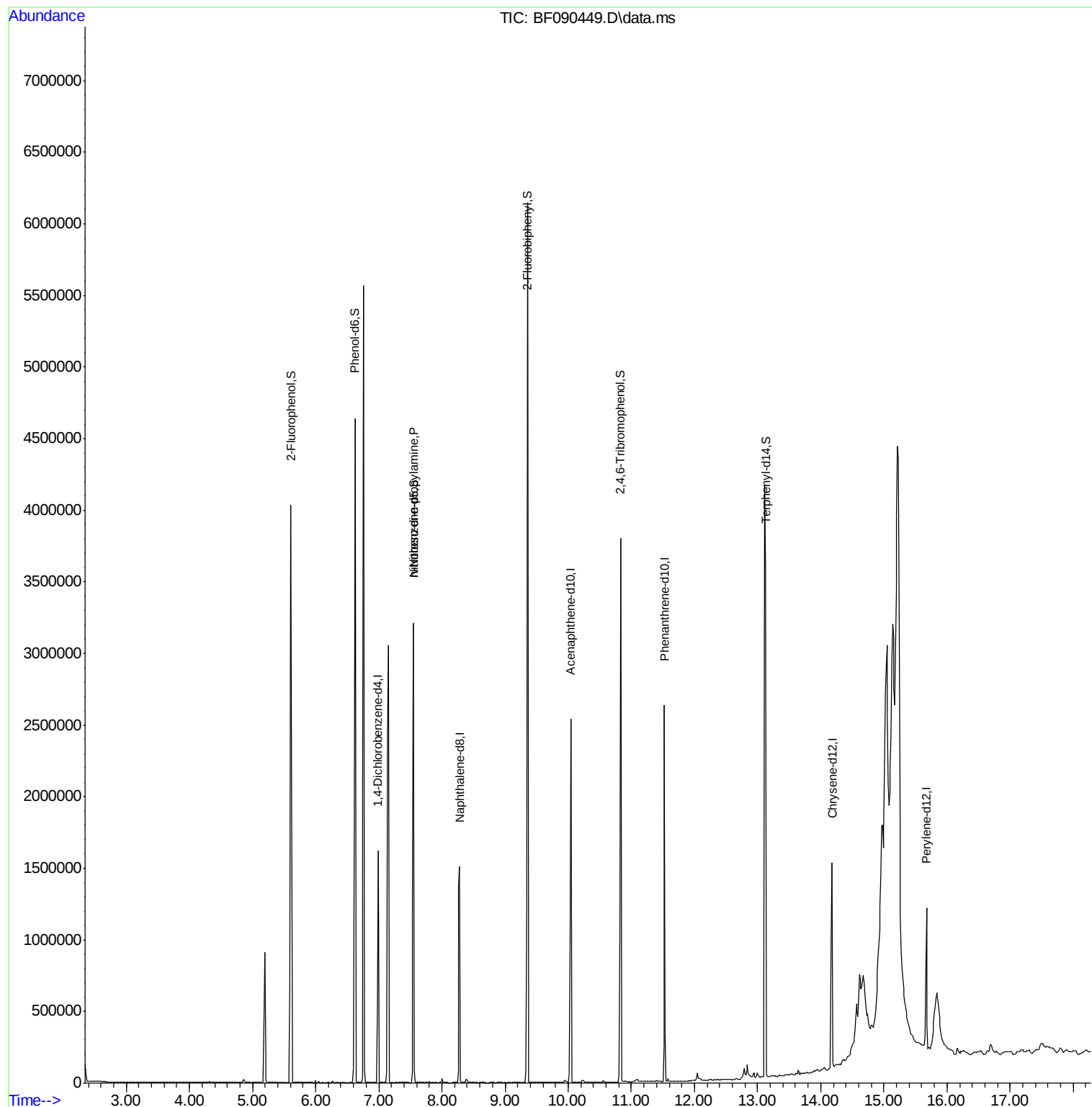
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	244962	20.00	ng	-0.01
21) Naphthalene-d8	8.280	136	1013547	20.00	ng	-0.01
38) Acenaphthene-d10	10.040	164	556269	20.00	ng	-0.01
63) Phenanthrene-d10	11.526	188	832893	20.00	ng	-0.02
75) Chrysene-d12	14.178	240	549631	20.00	ng	-0.02
86) Perylene-d12	15.675	264	428688	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.606	112	1372320	83.61	ng	0.00
7) Phenol-d6	6.623	99	1748736	81.35	ng	0.00
23) Nitrobenzene-d5	7.549	82	1156384	55.50	ng	-0.02
41) 2,4,6-Tribromophenol	10.829	330	415490	91.86	ng	-0.02
44) 2-Fluorobiphenyl	9.355	172	1823320	54.61	ng	-0.02
78) Terphenyl-d14	13.126	244	1856113	75.92	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.549	70	160153	10.16	ng	Qvalue # 62

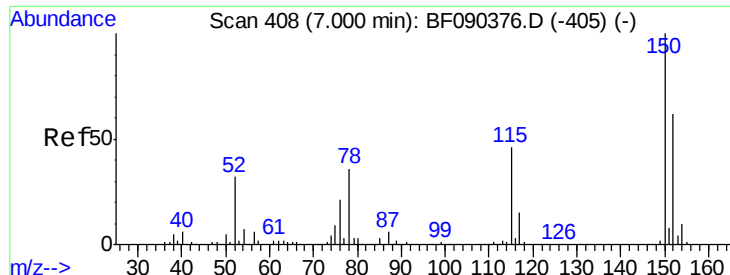
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
Data File : BF090449.D
Acq On : 7 Oct 2016 17:16
Operator : UM/SJ
Sample : PB93839BL
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Oct 07 17:44:31 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

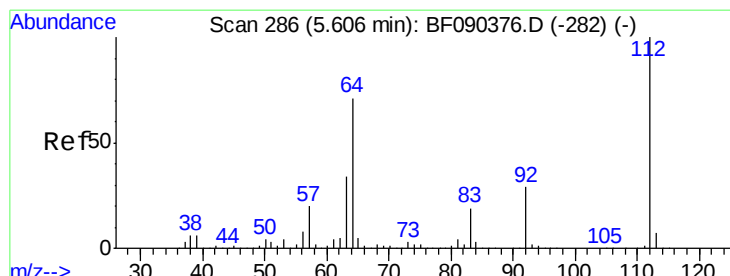
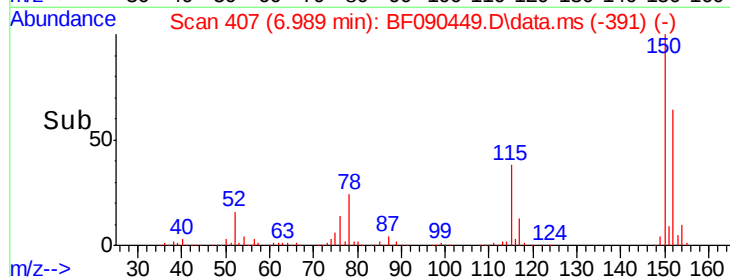
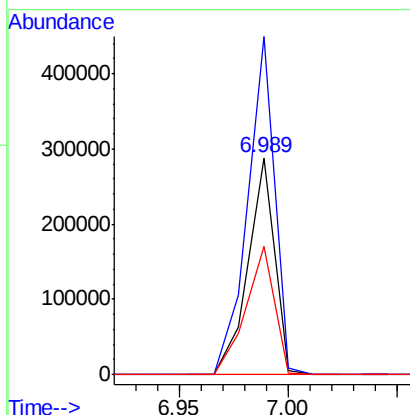
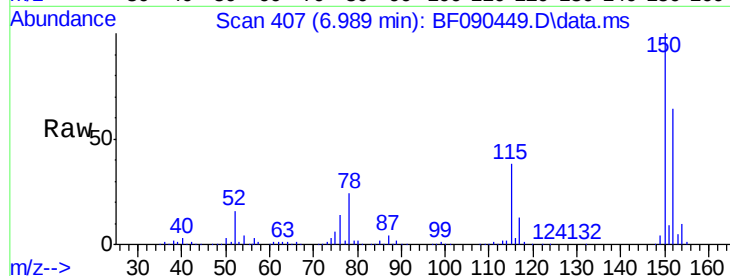




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.989 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

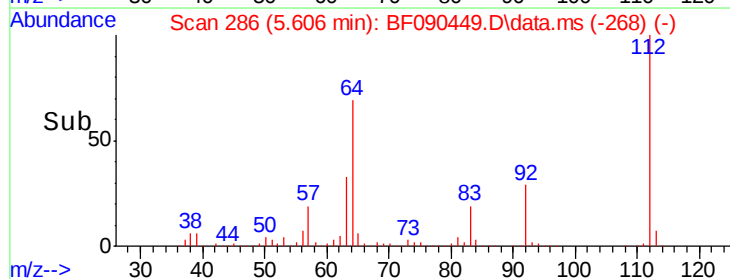
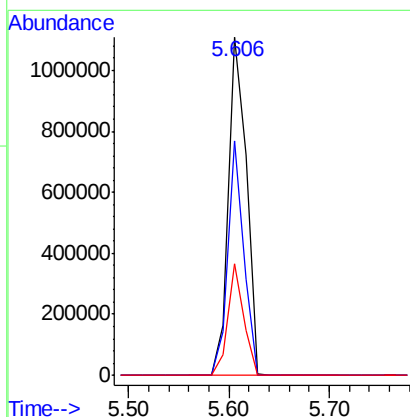
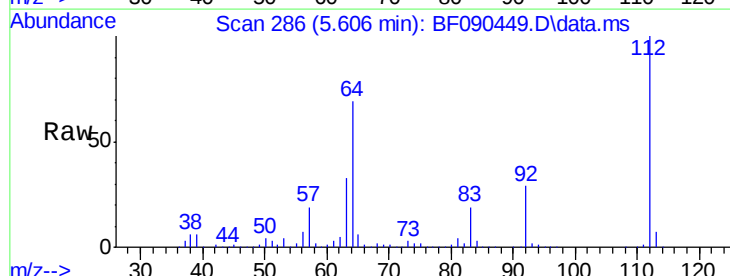
Instrument :
 BNA_F
 ClientSampleId :

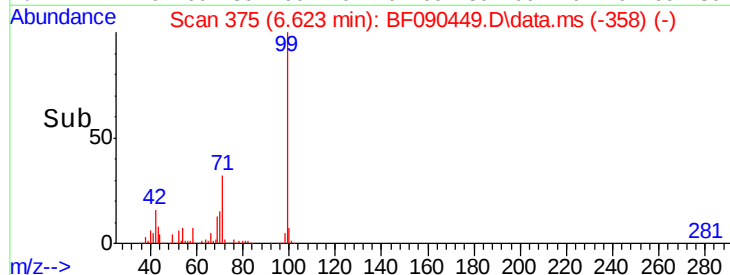
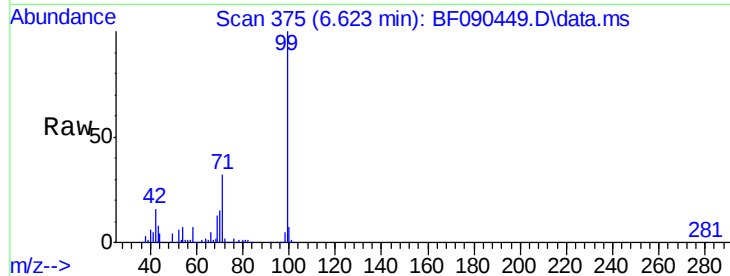
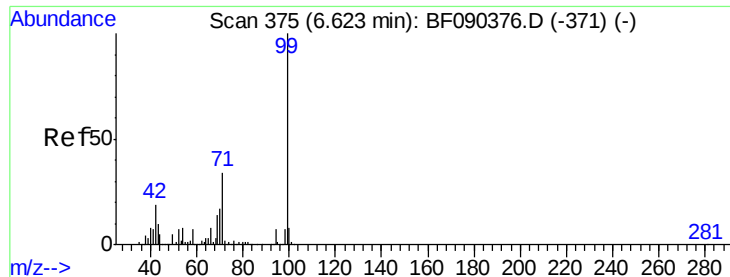
Tot Ion:152 Resp: 244962
 Ion Ratio Lower Upper
 152 100
 150 155.9 124.6 186.8
 115 59.2 46.2 69.4



#5
 2-Fluorophenol
 Concen: 83.61 ng
 RT: 5.606 min Scan# 286
 Delta R.T. 0.001 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Tgt Ion:112 Resp: 1372320
 Ion Ratio Lower Upper
 112 100
 64 69.3 57.9 86.9
 63 33.0 29.6 44.4





#7

Phenol-d6

Concen: 81.35 ng

RT: 6.623 min Scan# 37

Delta R.T. -0.000 min

Lab File: BF090449.D

Acq: 7 Oct 2016 17:16

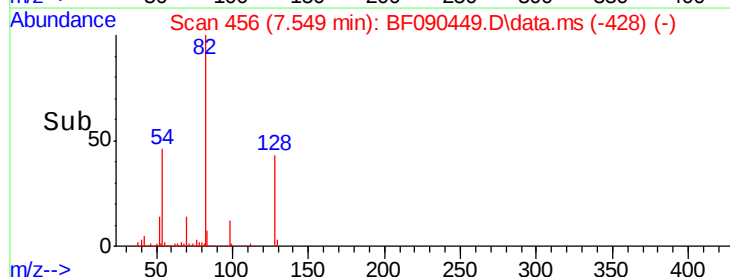
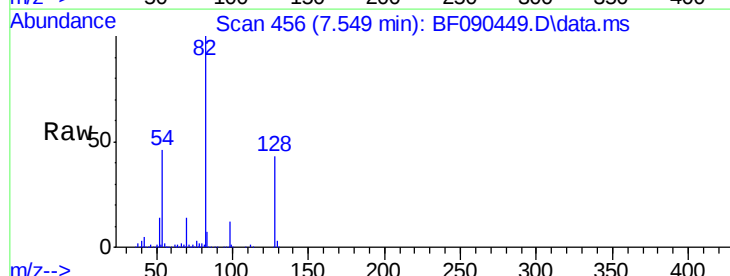
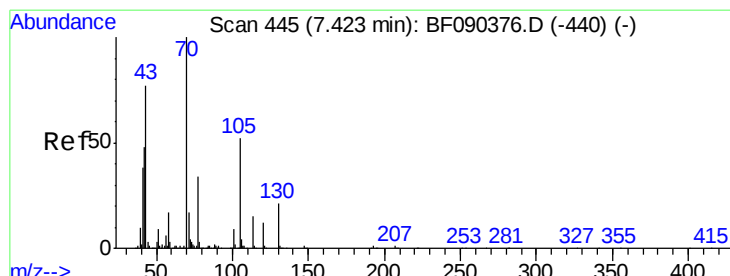
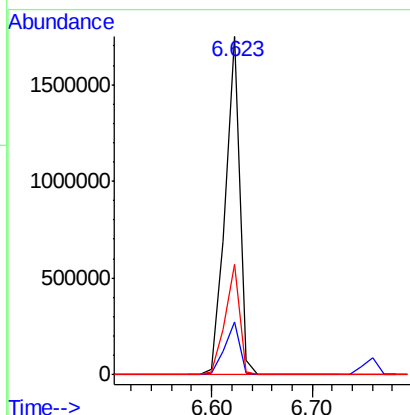
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1748736

Ion	Ratio	Lower	Upper
99	100		
42	15.6	20.0	30.0#
71	32.4	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.16 ng

RT: 7.549 min Scan# 456

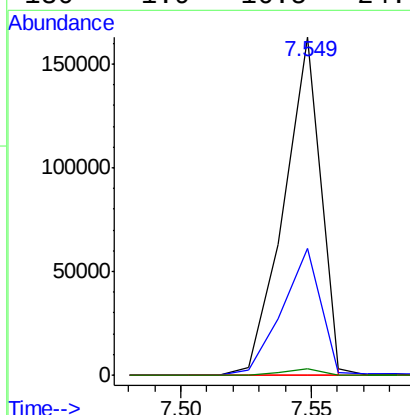
Delta R.T. 0.126 min

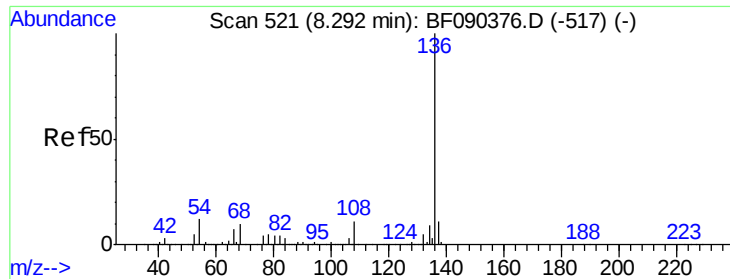
Lab File: BF090449.D

Acq: 7 Oct 2016 17:16

Tgt Ion: 70 Resp: 160153

Ion	Ratio	Lower	Upper
70	100		
42	37.4	55.4	83.2#
101	0.0	7.6	11.4#
130	1.9	16.5	24.7#

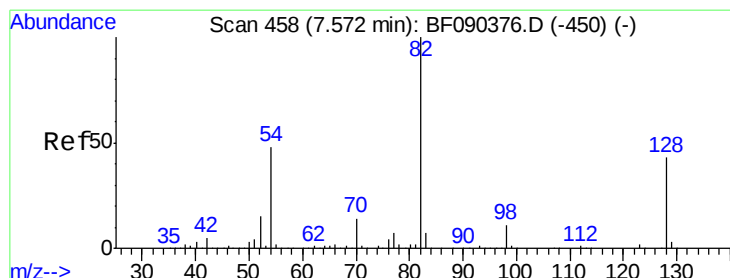
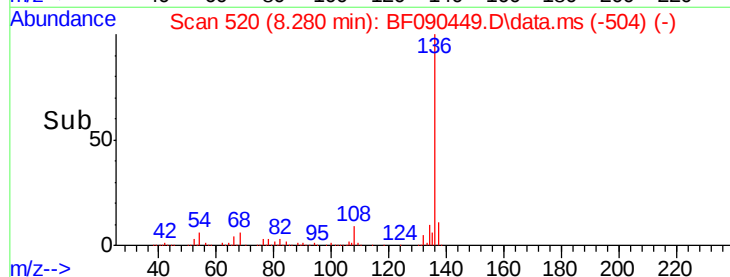
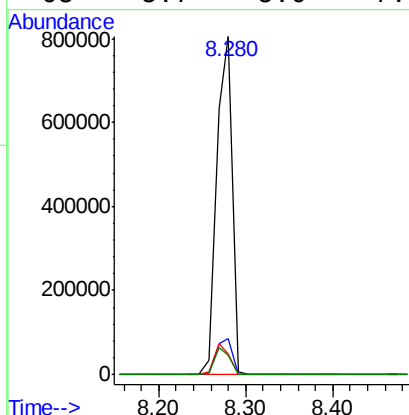
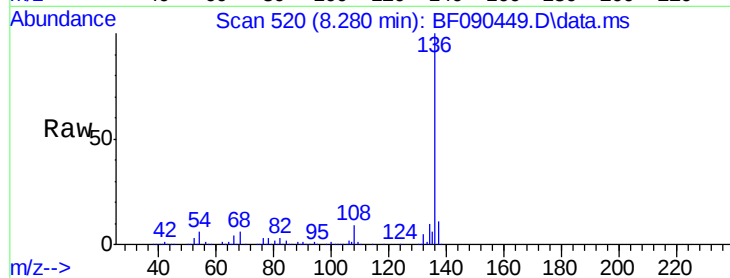




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.280 min Scan# 52
Delta R.T. -0.012 min
Lab File: BF090449.D
Acq: 7 Oct 2016 17:16

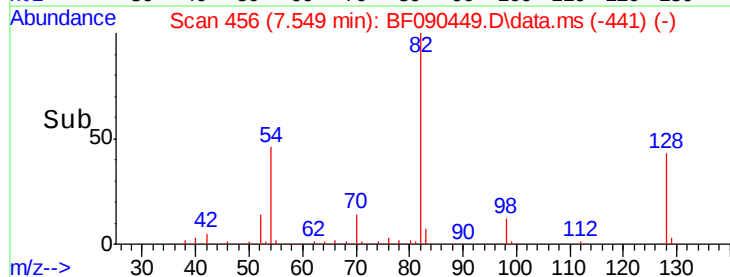
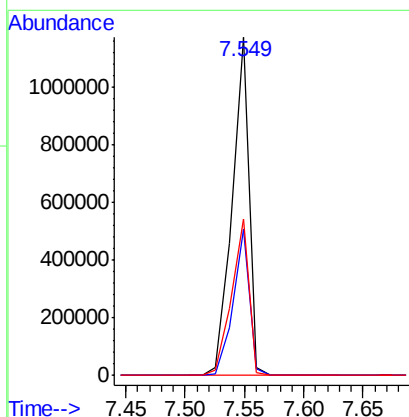
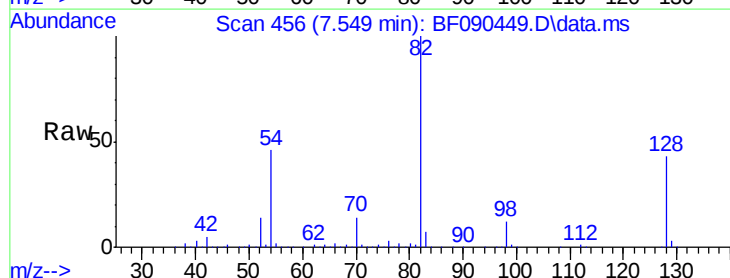
Instrument :
BNA_F
ClientSampleId :

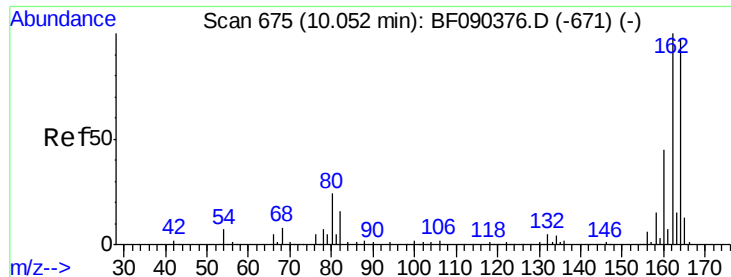
Tot Ion:136 Resp: 1013547
Ion Ratio Lower Upper
136 100
137 10.7 9.0 13.6
54 5.9 6.6 10.0#
68 5.7 5.0 7.6



#23
Nitrobenzene-d5
Concen: 55.50 ng
RT: 7.549 min Scan# 456
Delta R.T. -0.023 min
Lab File: BF090449.D
Acq: 7 Oct 2016 17:16

Tgt Ion: 82 Resp: 1156384
Ion Ratio Lower Upper
82 100
128 43.1 40.0 60.0
54 46.1 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: BF090449.D

Acq: 7 Oct 2016 17:16

Instrument :

BNA_F

ClientSampleId :

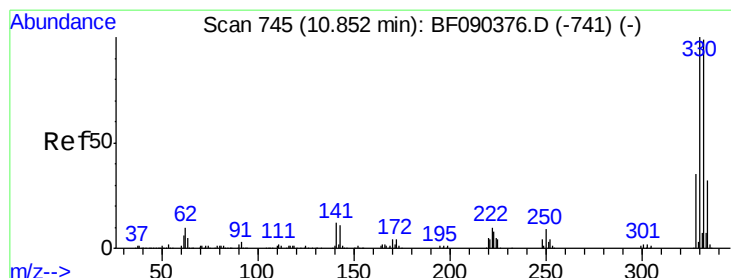
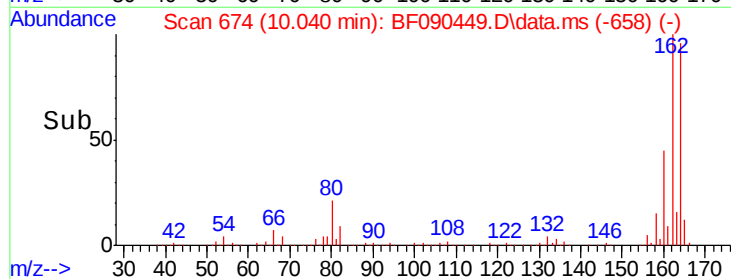
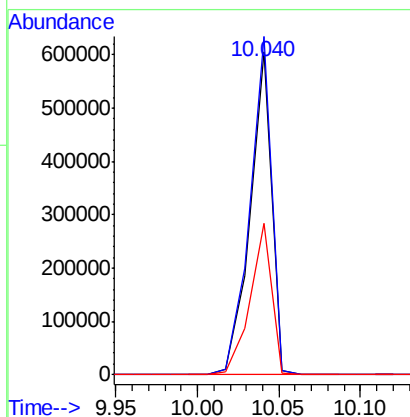
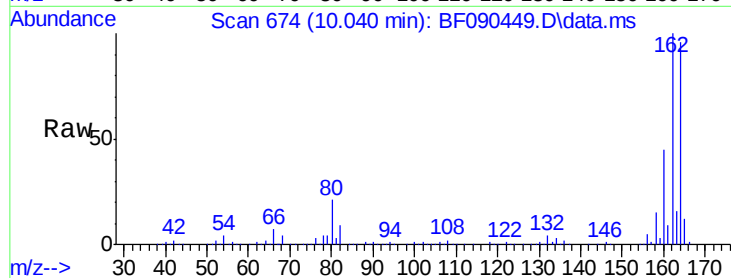
Tot Ion:164 Resp: 556269

Ion Ratio Lower Upper

164 100

162 104.6 80.1 120.1

160 46.7 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 91.86 ng

RT: 10.829 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090449.D

Acq: 7 Oct 2016 17:16

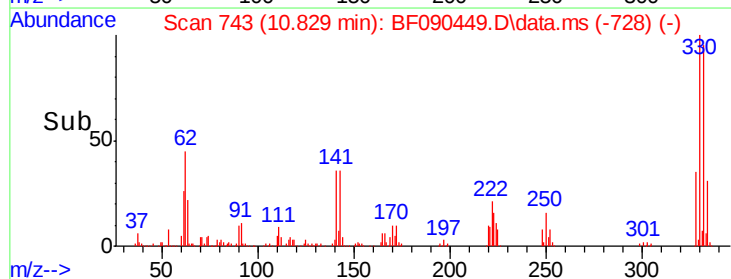
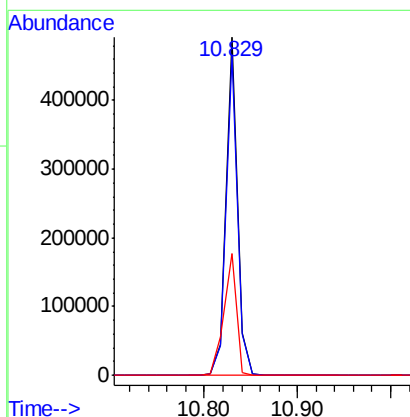
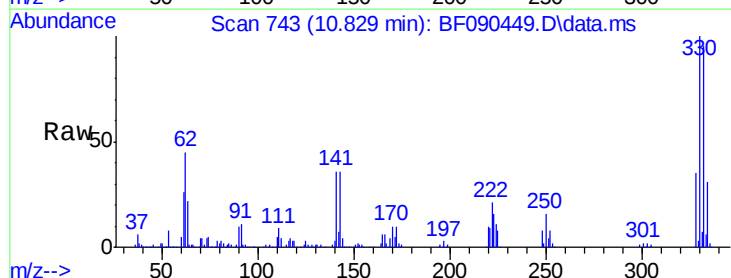
Tgt Ion:330 Resp: 415490

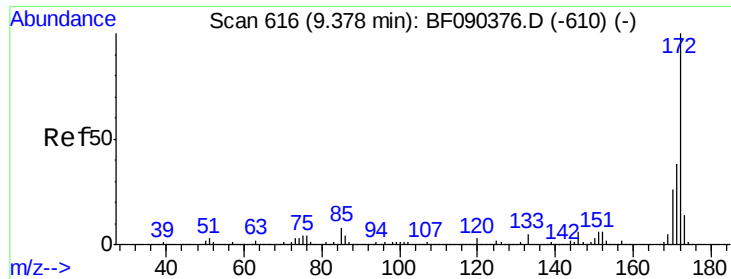
Ion Ratio Lower Upper

330 100

332 95.0 75.4 113.0

141 40.0 26.9 40.3



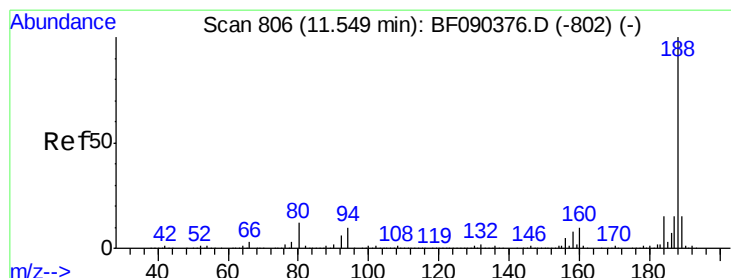
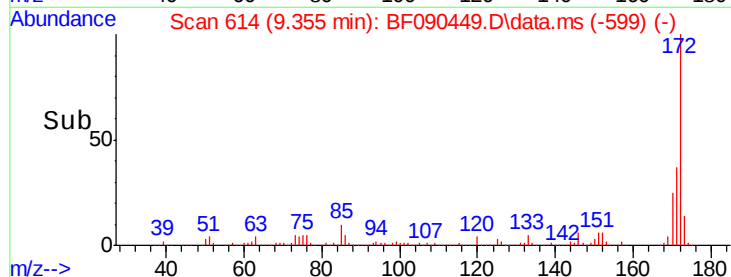
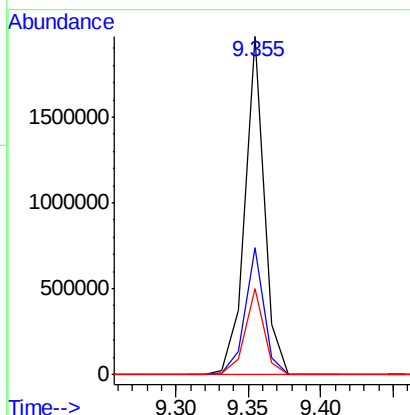
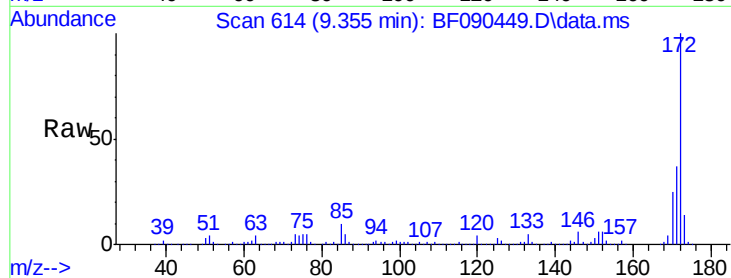


#44
 2-Fluorobiphenyl
 Concen: 54.61 ng
 RT: 9.355 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1823320

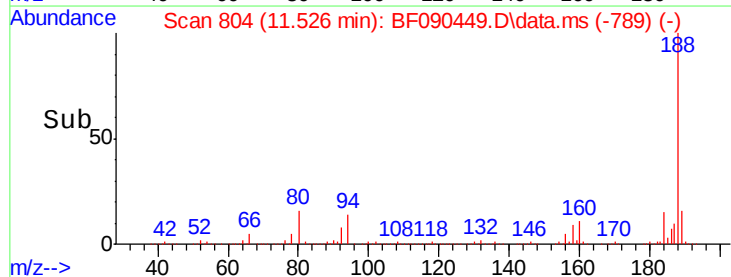
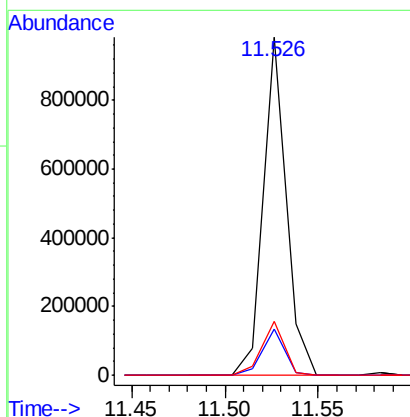
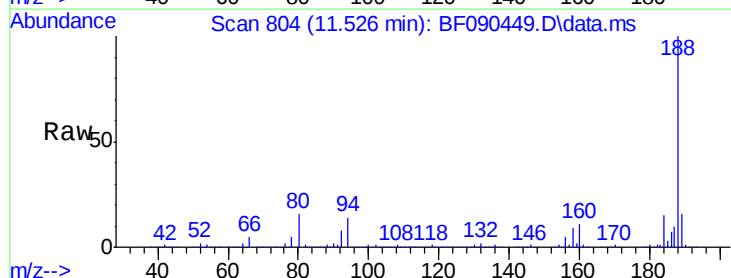
Ion	Ratio	Lower	Upper
172	100		
171	37.4	31.8	47.8
170	25.3	21.7	32.5

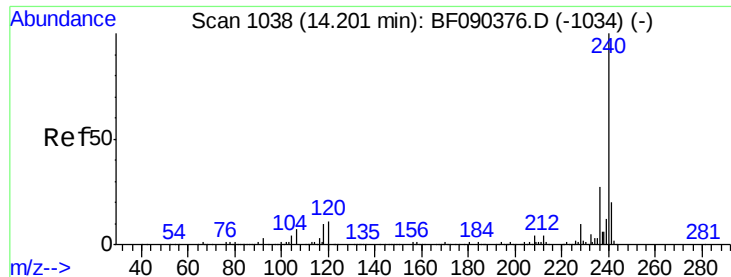


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.526 min Scan# 804
 Delta R.T. -0.023 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Tgt Ion:188 Resp: 832893

Ion	Ratio	Lower	Upper
188	100		
94	13.8	8.2	12.2#
80	16.1	8.8	13.2#

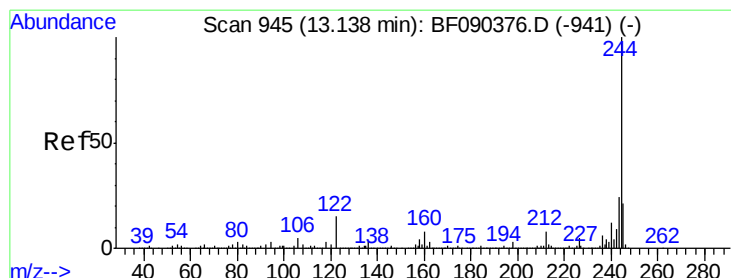
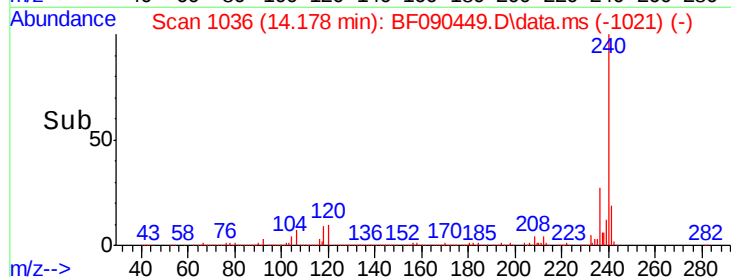
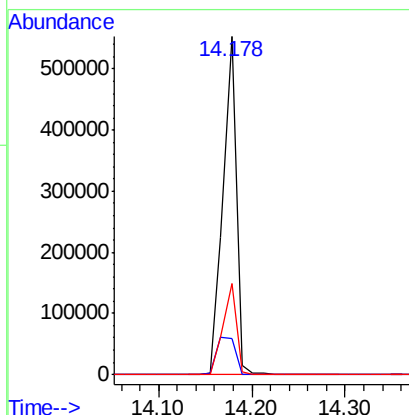
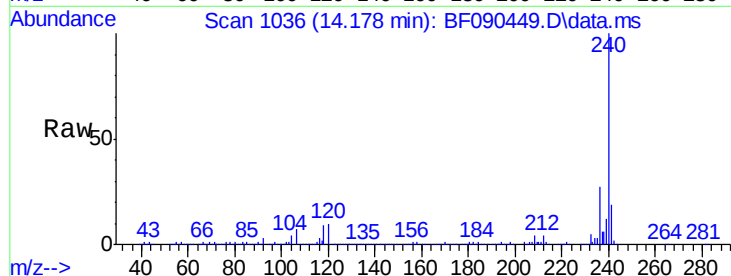




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.178 min Scan# 10
 Delta R.T. -0.023 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

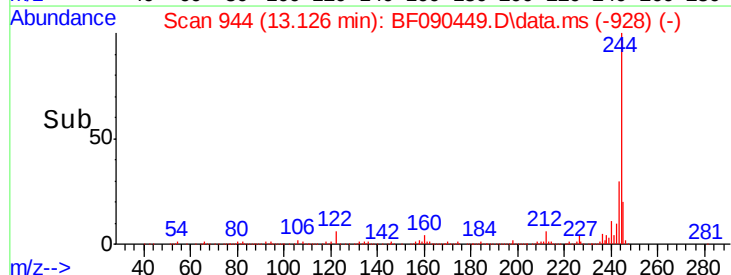
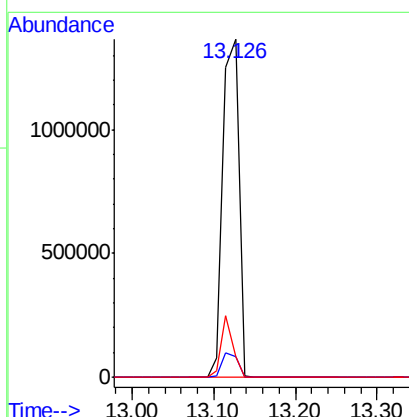
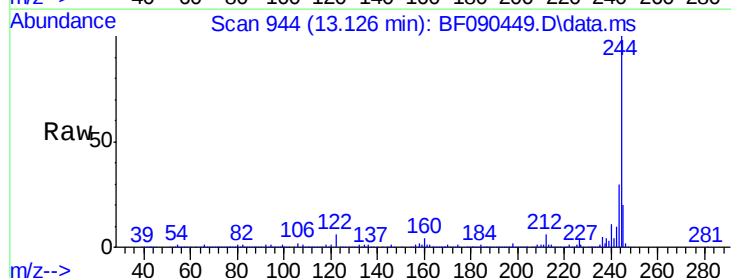
Instrument :
 BNA_F
 ClientSampled :

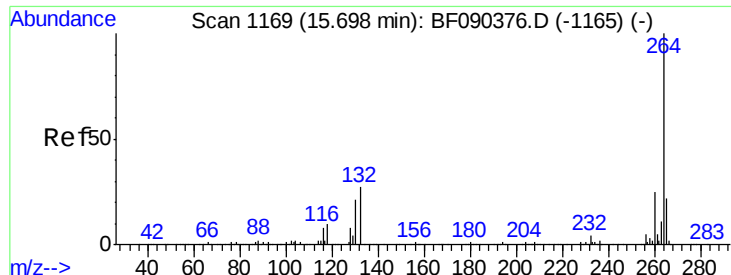
Tot Ion	Ratio	Lower	Upper
240	100		
120	10.5	8.6	13.0
236	26.9	21.6	32.4



#78
 Terphenyl-d14
 Concen: 75.92 ng
 RT: 13.126 min Scan# 944
 Delta R.T. -0.012 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.0	6.8	10.2#
122	6.1	13.3	19.9#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.675 min Scan# 11
 Delta R.T. -0.023 min
 Lab File: BF090449.D
 Acq: 7 Oct 2016 17:16

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.3	28.9
265	22.1	17.4	26.0

