

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
 Data File : BF090439.D
 Acq On : 7 Oct 2016 12:12
 Operator : UM/SJ
 Sample : H5121-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 13:47:35 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

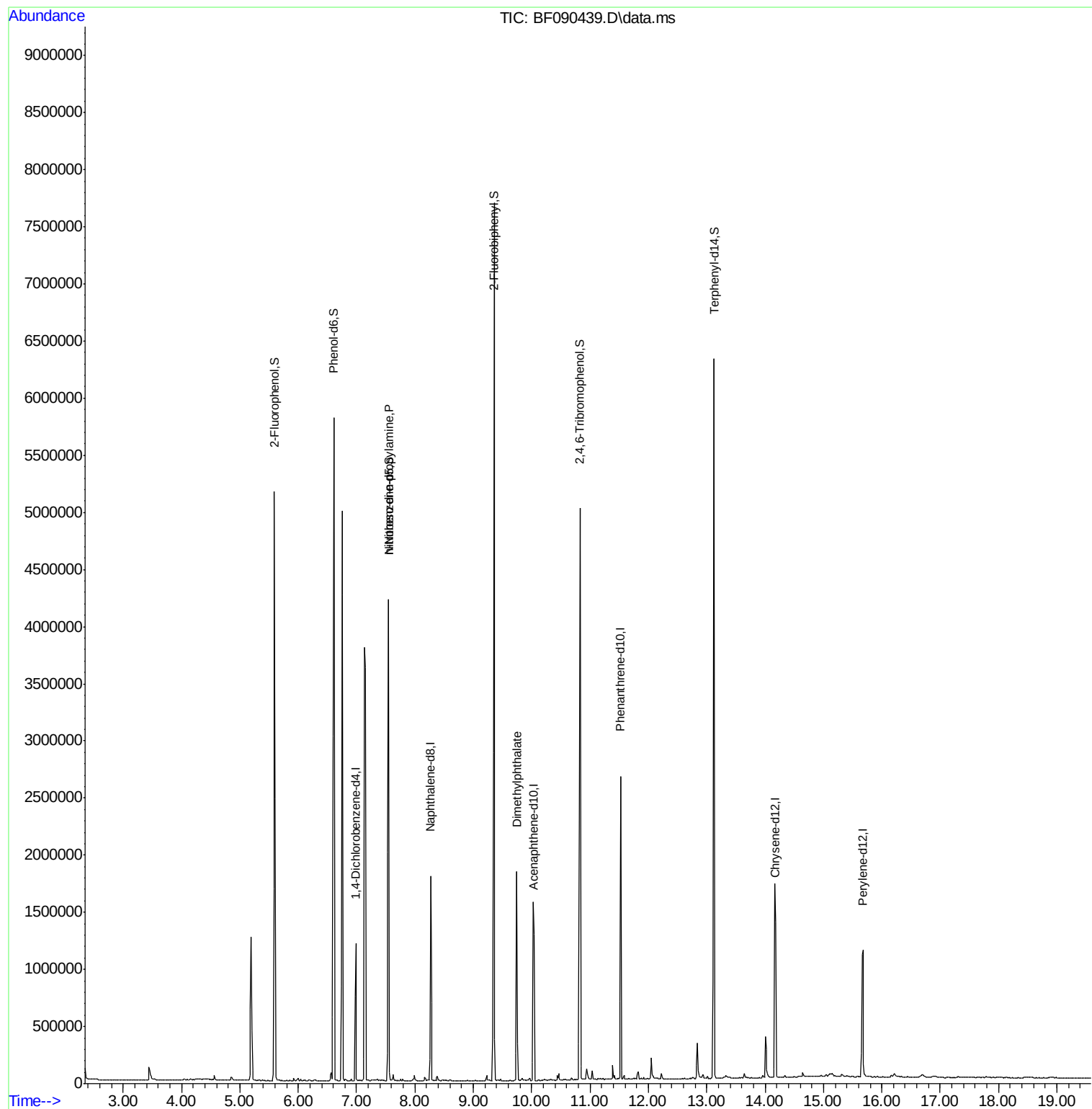
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	221458	20.00	ng	-0.01
21) Naphthalene-d8	8.269	136	879380	20.00	ng	-0.02
38) Acenaphthene-d10	10.040	164	463576	20.00	ng	-0.01
63) Phenanthrene-d10	11.526	188	884477	20.00	ng	-0.02
75) Chrysene-d12	14.178	240	748426	20.00	ng	-0.02
86) Perylene-d12	15.675	264	584261	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	1882207	126.85	ng	-0.01
7) Phenol-d6	6.612	99	2382559	122.60	ng	-0.01
23) Nitrobenzene-d5	7.549	82	1613230	89.24	ng	-0.02
41) 2,4,6-Tribromophenol	10.829	330	656795	174.24	ng	-0.02
44) 2-Fluorobiphenyl	9.355	172	2455691	88.26	ng	-0.02
78) Terphenyl-d14	13.126	244	3087116	92.73	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.549	70	227686	15.98	ng	Qvalue # 62
49) Dimethylphthalate	9.743	163	711520	23.97	ng	99

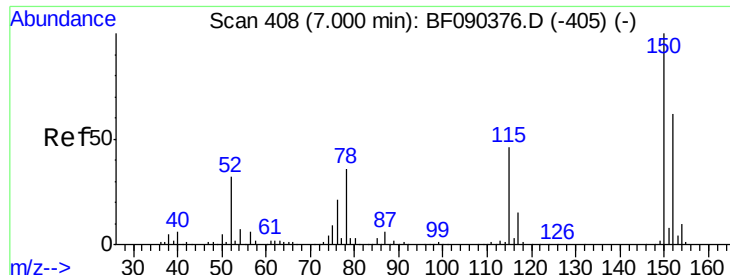
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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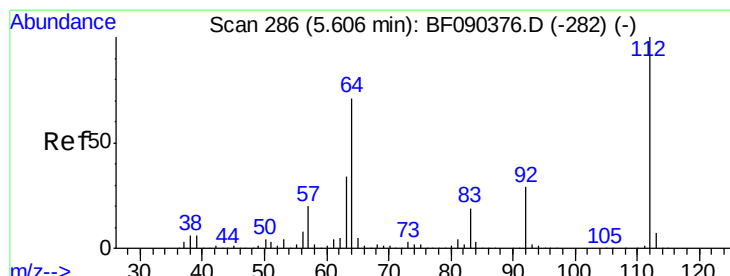
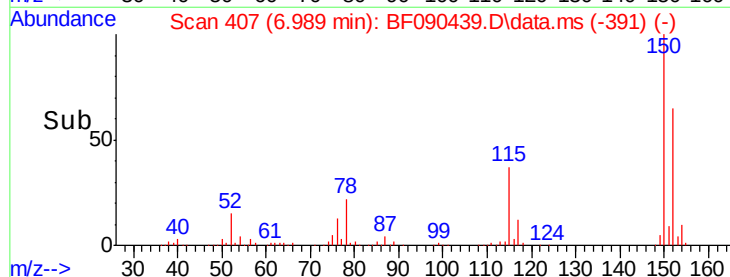
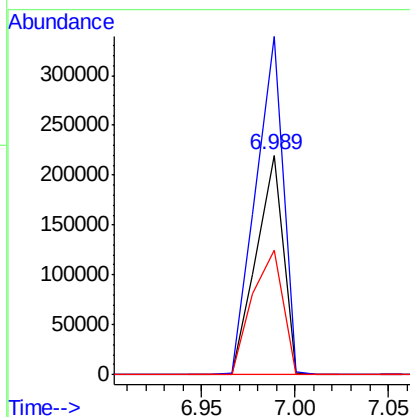
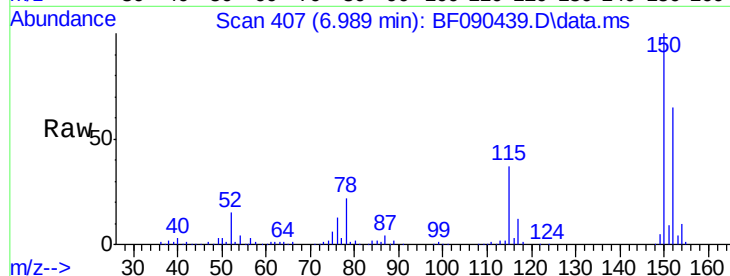




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.989 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

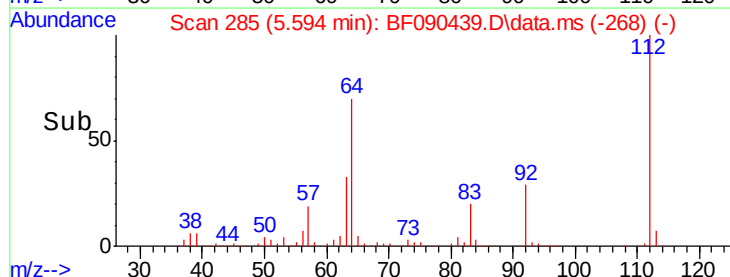
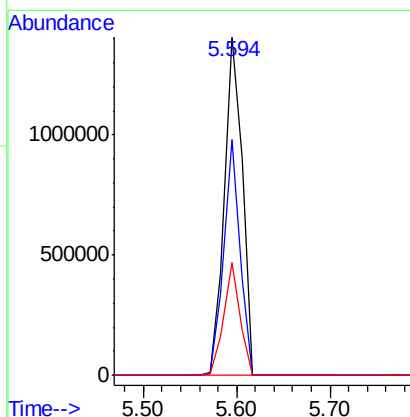
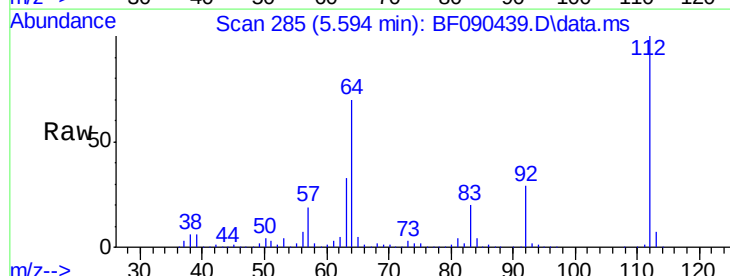
Instrument :
 BNA_F
 ClientSampleId :

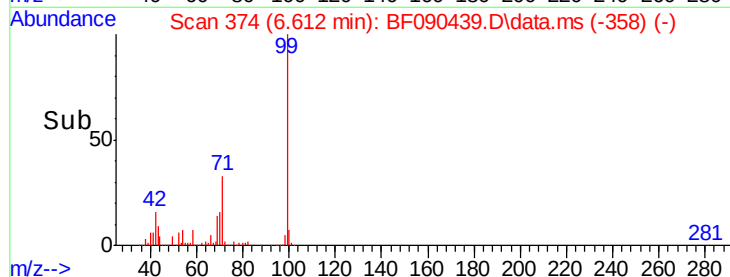
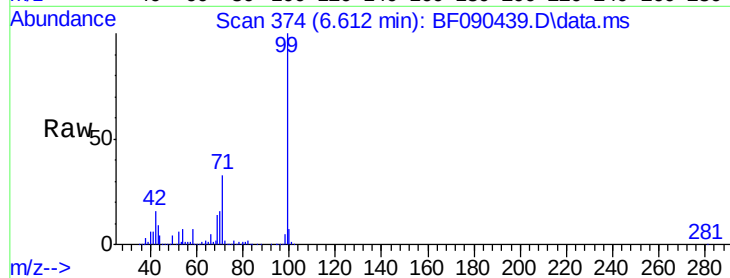
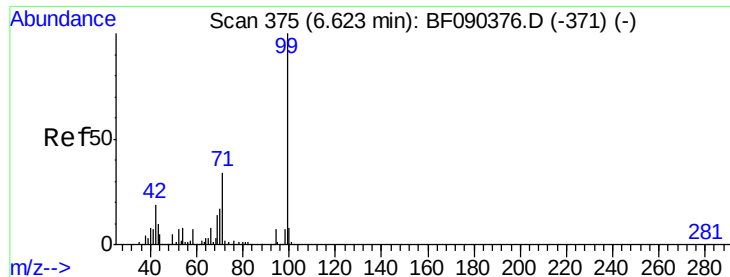
Tot Ion:152 Resp: 221458
 Ion Ratio Lower Upper
 152 100
 150 154.1 124.6 186.8
 115 56.8 46.2 69.4



#5
 2-Fluorophenol
 Concen: 126.85 ng
 RT: 5.594 min Scan# 285
 Delta R.T. -0.011 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

Tgt Ion:112 Resp: 1882207
 Ion Ratio Lower Upper
 112 100
 64 69.6 57.9 86.9
 63 33.4 29.6 44.4





#7

Phenol-d6

Concen: 122.60 ng

RT: 6.612 min Scan# 37

Delta R.T. -0.012 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

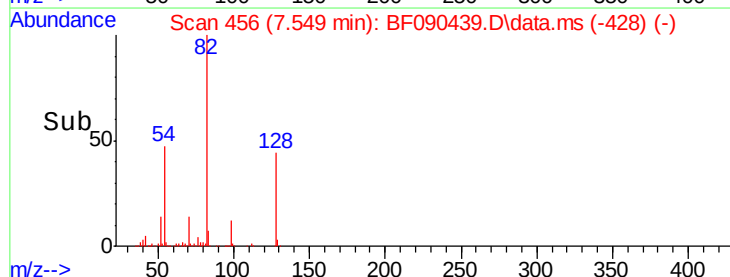
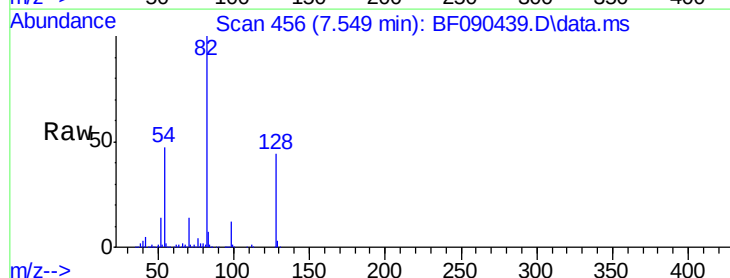
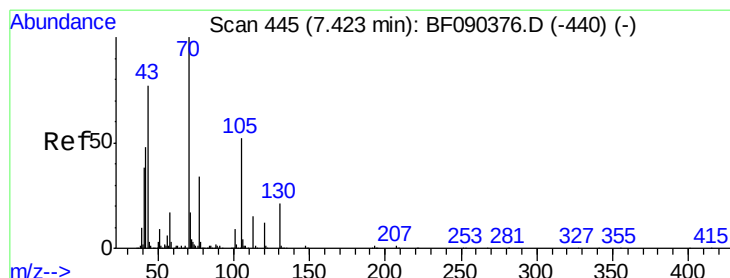
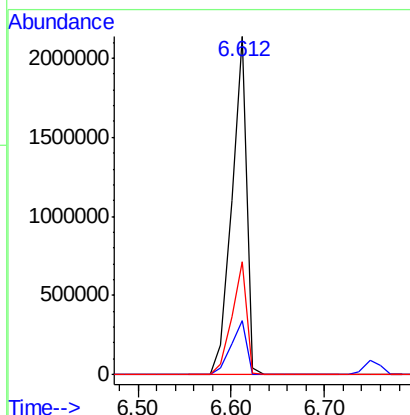
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2382559

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.0	30.0#
71	33.4	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 15.98 ng

RT: 7.549 min Scan# 456

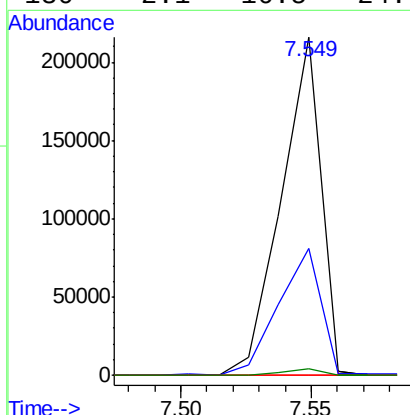
Delta R.T. 0.126 min

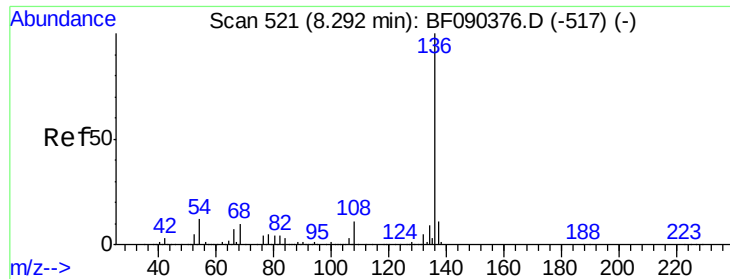
Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

Tgt Ion: 70 Resp: 227686

Ion	Ratio	Lower	Upper
70	100		
42	37.7	55.4	83.2#
101	0.0	7.6	11.4#
130	2.1	16.5	24.7#

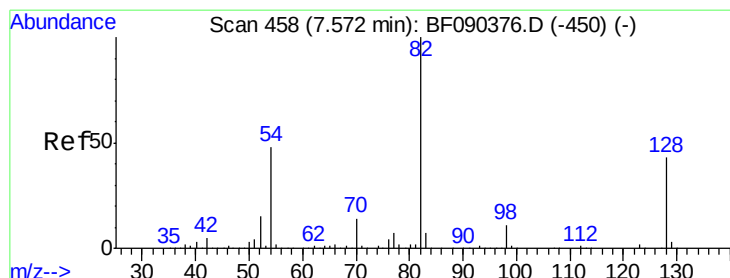
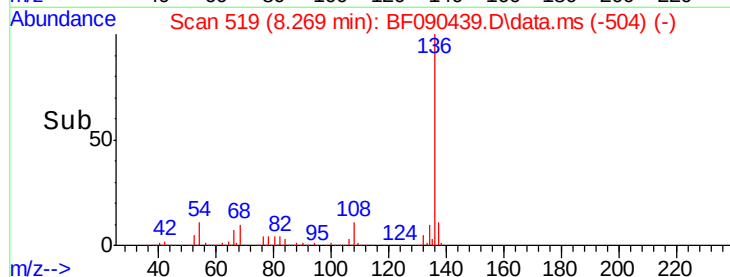
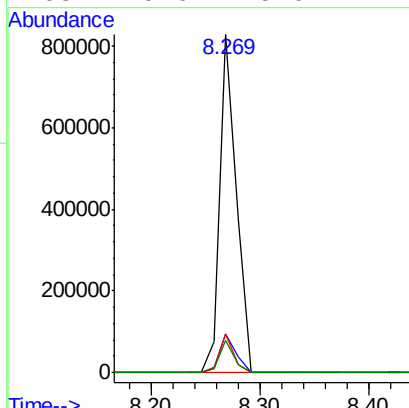
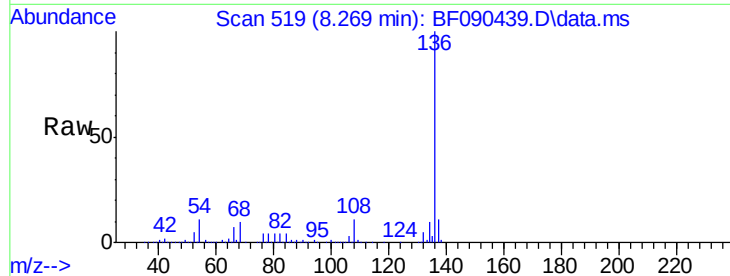




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.269 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090439.D
Acq: 7 Oct 2016 12:12

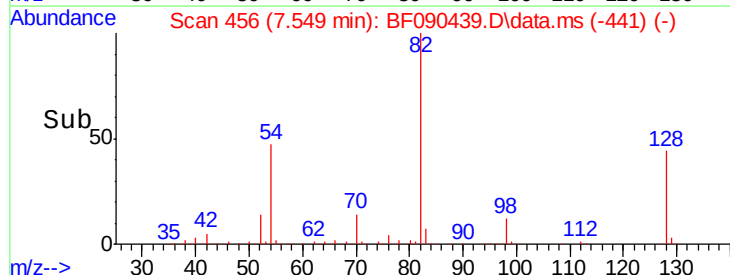
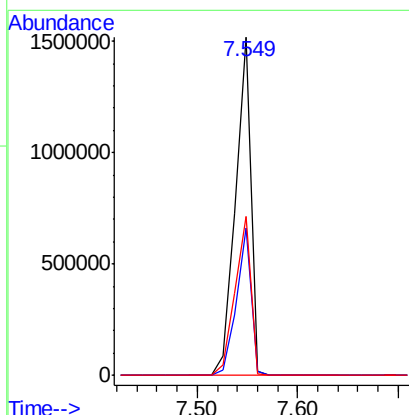
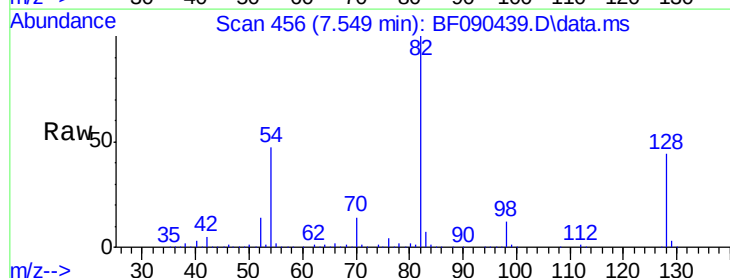
Instrument :
BNA_F
ClientSampleId :

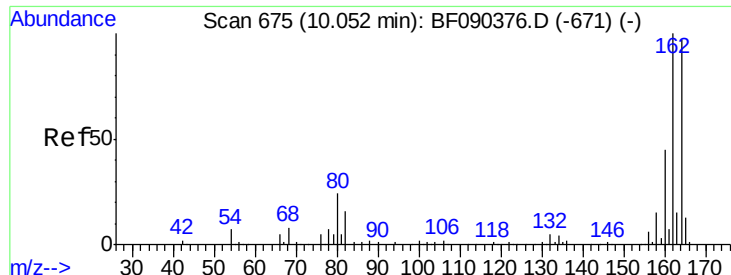
Tot Ion:	136	Resp:	879380
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.3	6.6	10.0#
68	9.6	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 89.24 ng
RT: 7.549 min Scan# 456
Delta R.T. -0.023 min
Lab File: BF090439.D
Acq: 7 Oct 2016 12:12

Tgt Ion:	82	Resp:	1613230
Ion	Ratio	Lower	Upper
82	100		
128	43.6	40.0	60.0
54	47.0	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: BF090439.D

Acq: 7 Oct 2016 12:12

Instrument :

BNA_F

ClientSampleId :

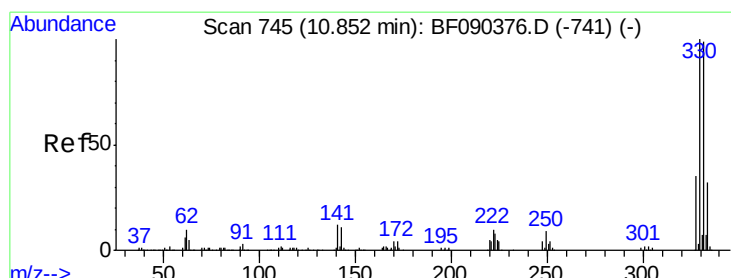
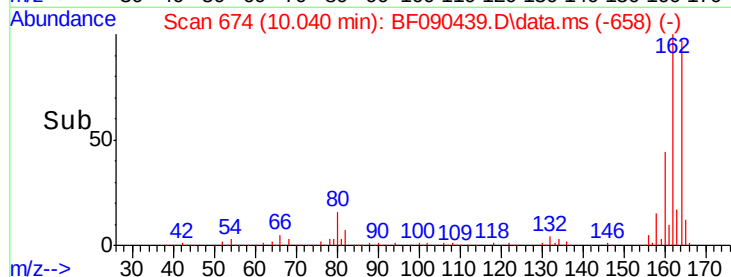
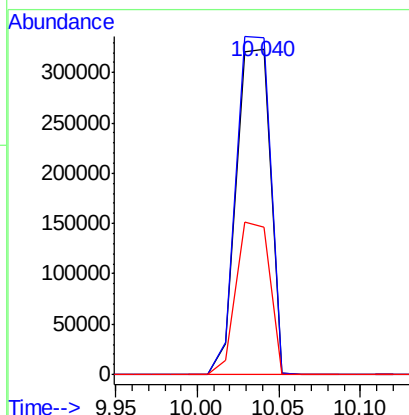
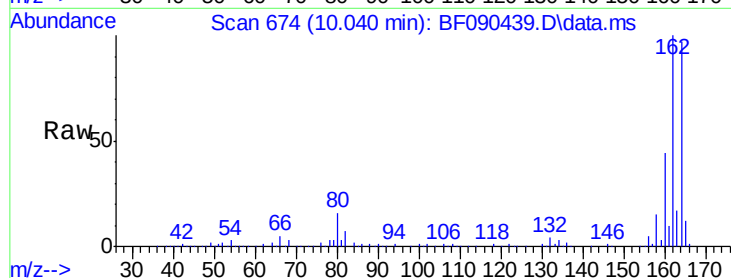
Tot Ion:164 Resp: 463576

Ion Ratio Lower Upper

164 100

162 103.5 80.1 120.1

160 45.5 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 174.24 ng

RT: 10.829 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

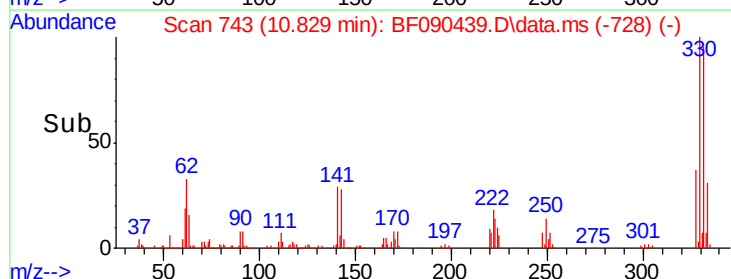
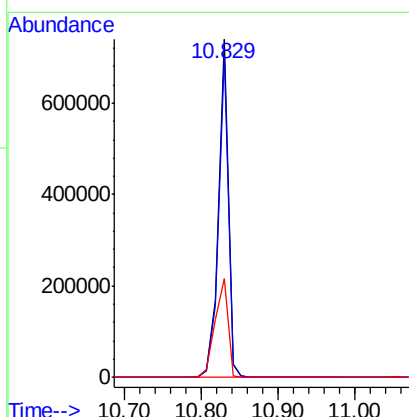
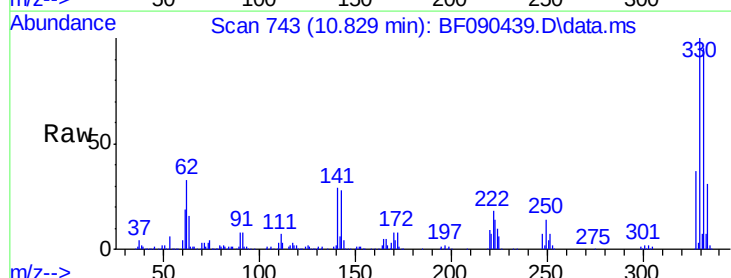
Tgt Ion:330 Resp: 656795

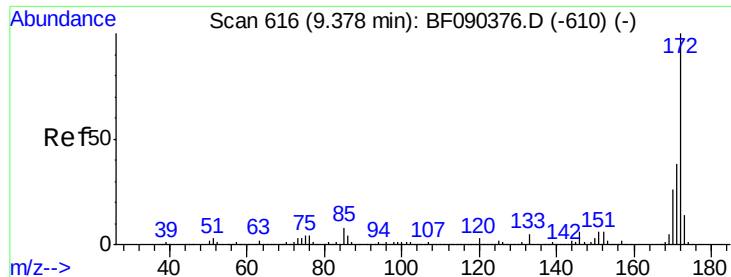
Ion Ratio Lower Upper

330 100

332 94.8 75.4 113.0

141 37.9 26.9 40.3



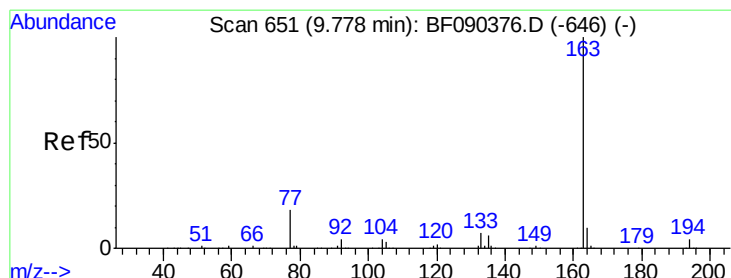
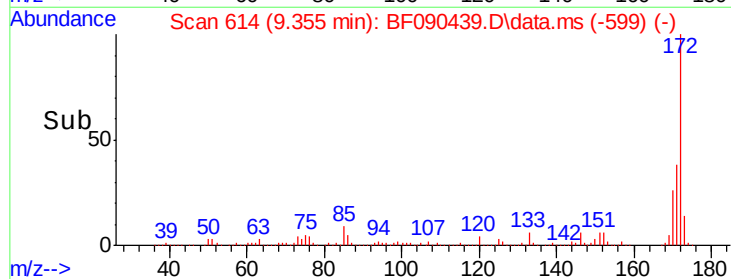
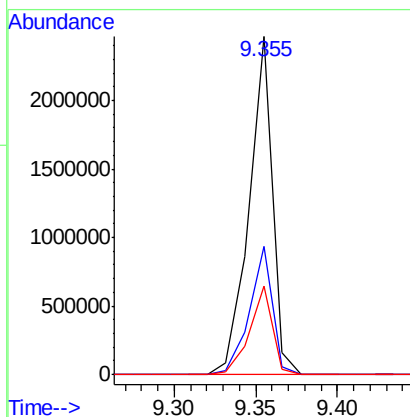
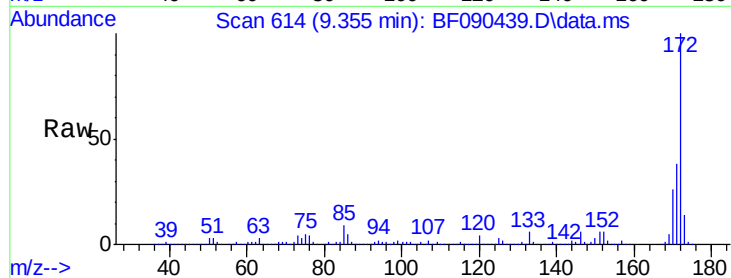


#44
 2-Fluorobiphenyl
 Concen: 88.26 ng
 RT: 9.355 min Scan# 61
 Delta R.T. -0.023 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 2455691

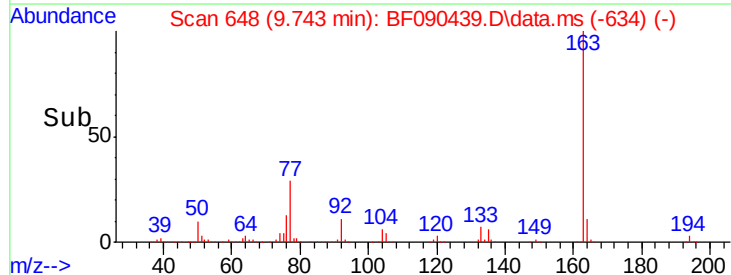
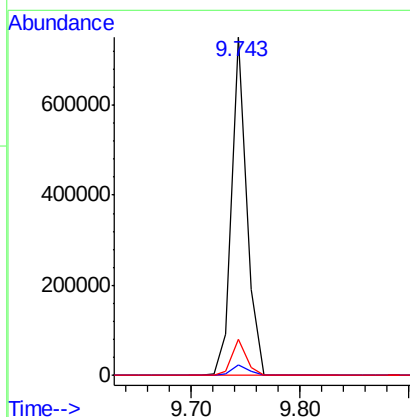
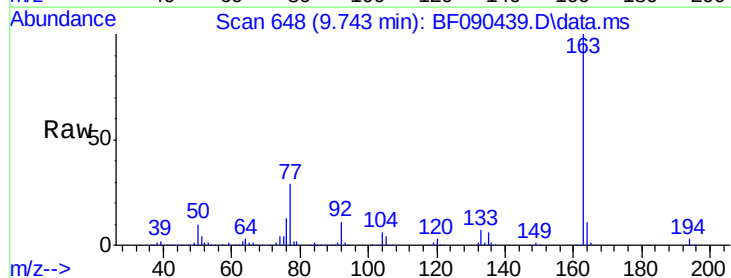
Ion	Ratio	Lower	Upper
172	100		
171	37.9	31.8	47.8
170	26.1	21.7	32.5

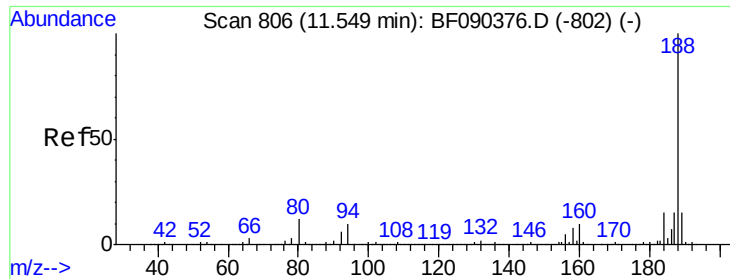


#49
 Dimethylphthalate
 Concen: 23.97 ng
 RT: 9.743 min Scan# 648
 Delta R.T. -0.034 min
 Lab File: BF090439.D
 Acq: 7 Oct 2016 12:12

Tgt Ion:163 Resp: 711520

Ion	Ratio	Lower	Upper
163	100		
194	3.1	2.8	4.2
164	10.7	9.0	13.4

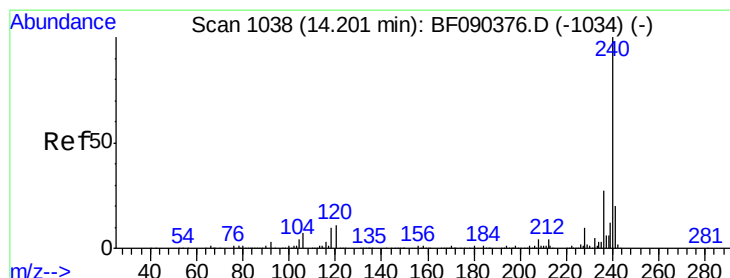
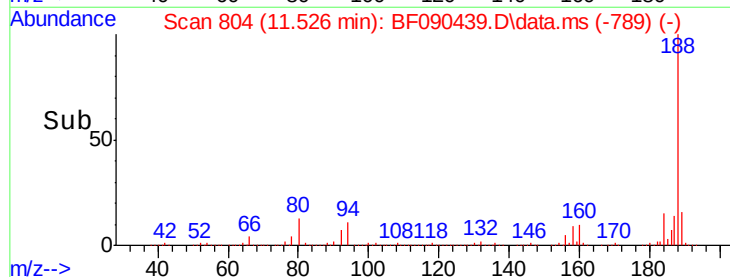
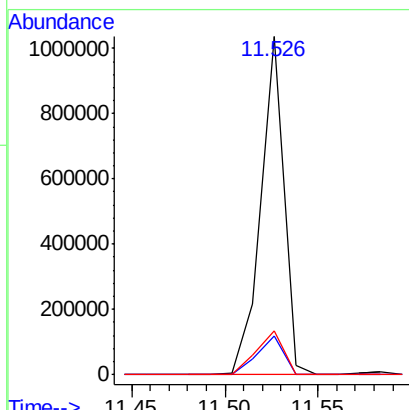
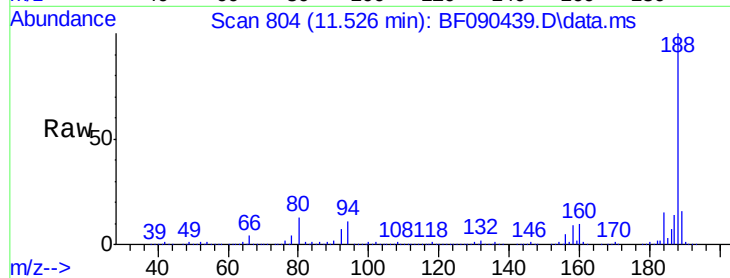




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.526 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF090439.D
Acq: 7 Oct 2016 12:12

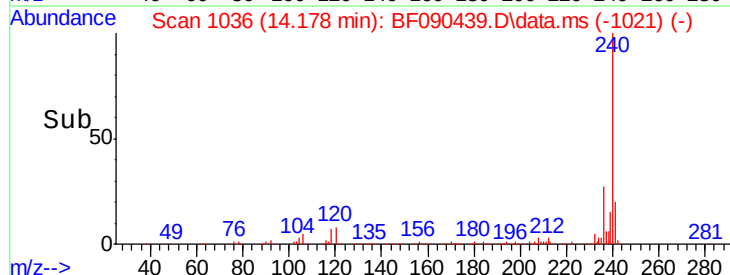
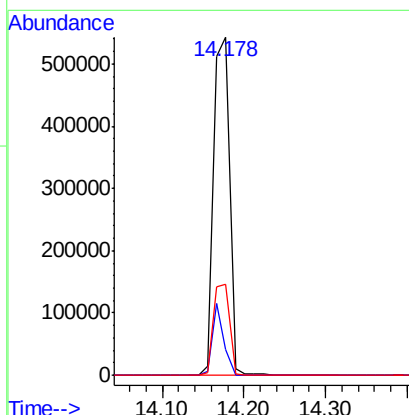
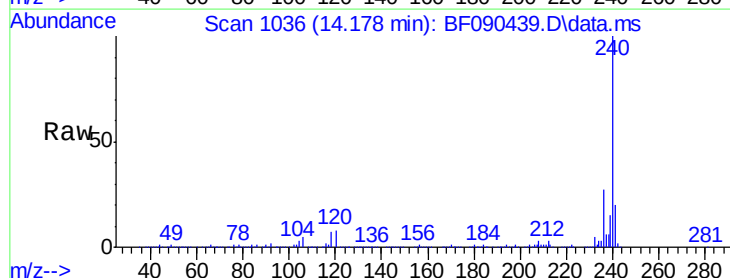
Instrument :
BNA_F
ClientSampleId :

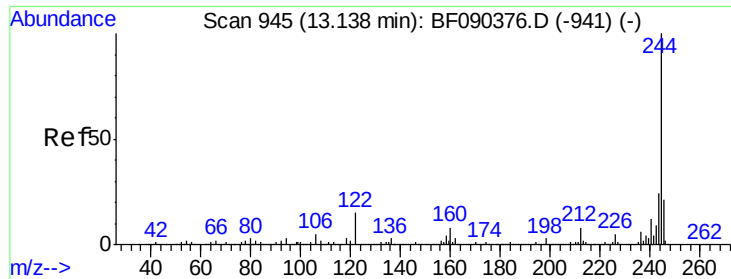
Tot Ion:188 Resp: 884477
Ion Ratio Lower Upper
188 100
94 11.5 8.2 12.2
80 12.9 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.178 min Scan# 1036
Delta R.T. -0.023 min
Lab File: BF090439.D
Acq: 7 Oct 2016 12:12

Tgt Ion:240 Resp: 748426
Ion Ratio Lower Upper
240 100
120 7.6 8.6 13.0#
236 26.8 21.6 32.4





#78

Terphenyl-d14

Concen: 92.73 ng

RT: 13.126 min Scan# 94

Delta R.T. -0.012 min

Lab File: BF090439.D

Acq: 7 Oct 2016 12:12

Instrument :

BNA_F

ClientSampleId :

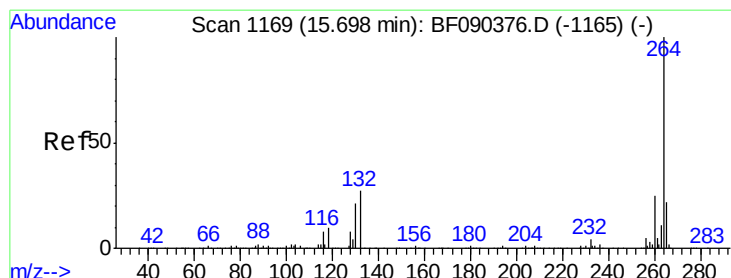
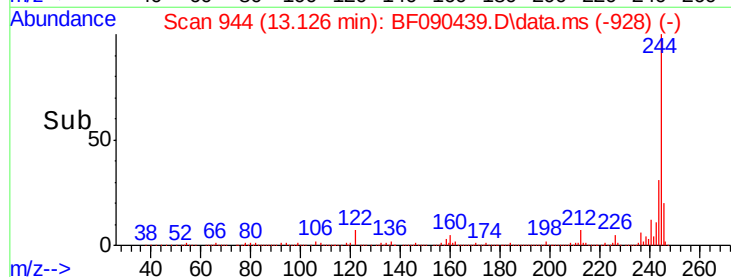
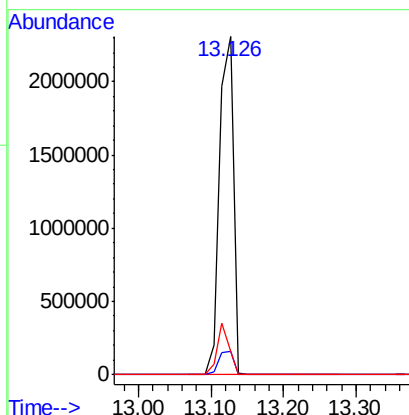
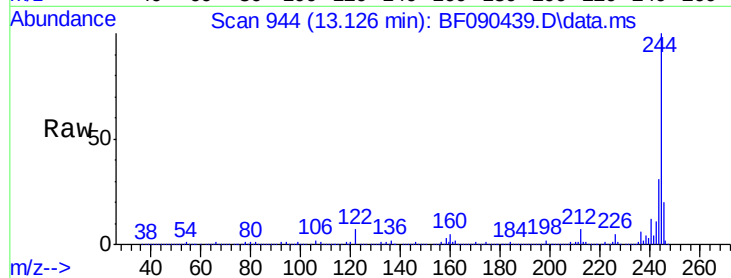
Tot Ion:244 Resp: 3087116

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

122 6.9 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: BF090439.D

Acq: 7 Oct 2016 12:12

Tgt Ion:264 Resp: 584261

Ion Ratio Lower Upper

264 100

260 25.5 19.3 28.9

265 21.4 17.4 26.0

