

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
 Data File : BF090443.D
 Acq On : 7 Oct 2016 14:01
 Operator : UM/SJ
 Sample : H5110-04RE
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 14:45:29 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

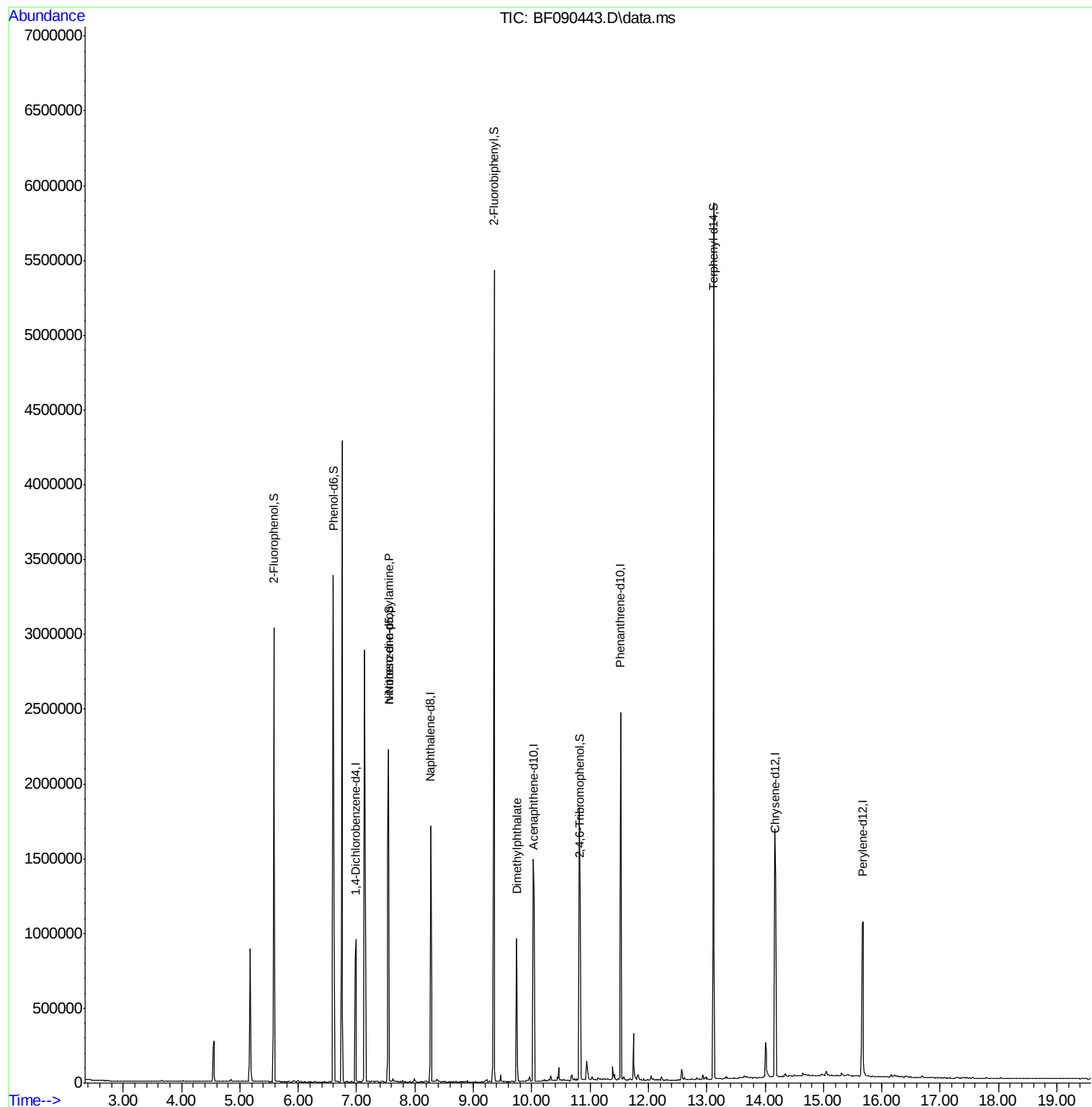
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	197999	20.00	ng	-0.01
21) Naphthalene-d8	8.269	136	814467	20.00	ng	-0.02
38) Acenaphthene-d10	10.040	164	437217	20.00	ng	-0.01
63) Phenanthrene-d10	11.526	188	841523	20.00	ng	-0.02
75) Chrysene-d12	14.178	240	734211	20.00	ng	-0.02
86) Perylene-d12	15.675	264	556162	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.583	112	1070584	80.70	ng	-0.02
7) Phenol-d6	6.600	99	1355238	78.00	ng	-0.02
23) Nitrobenzene-d5	7.549	82	985037	58.83	ng	-0.02
41) 2,4,6-Tribromophenol	10.829	330	266778	75.04	ng	-0.02
44) 2-Fluorobiphenyl	9.355	172	1654623	63.05	ng	-0.02
78) Terphenyl-d14	13.115	244	1677895	51.38	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.549	70	135088	10.60	ng	Qvalue # 60
49) Dimethylphthalate	9.743	163	328706	11.74	ng	98

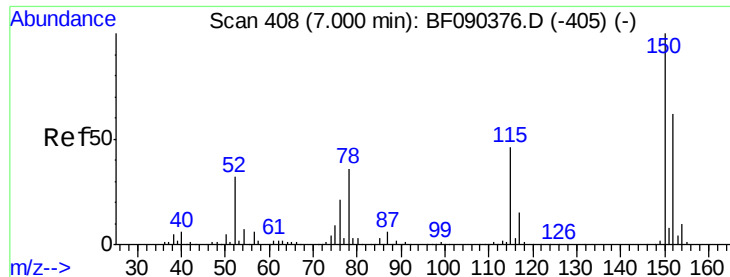
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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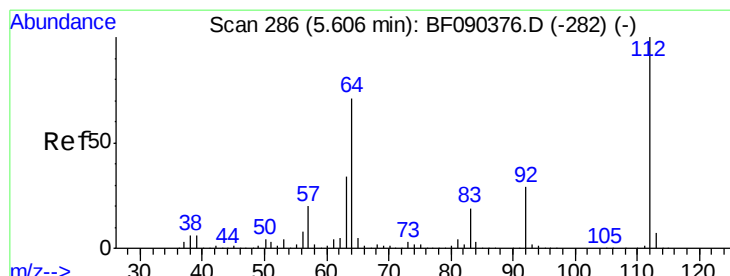
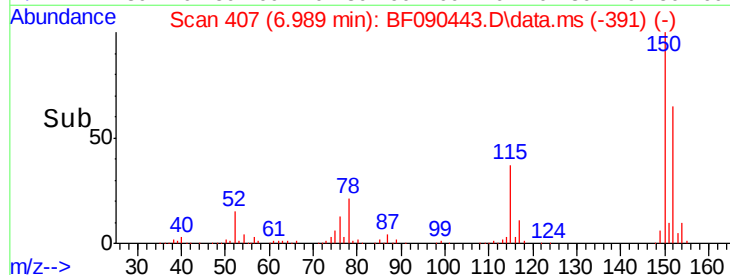
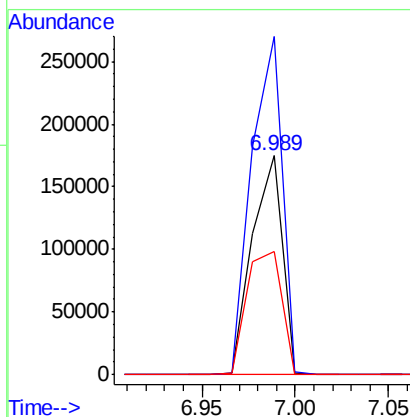
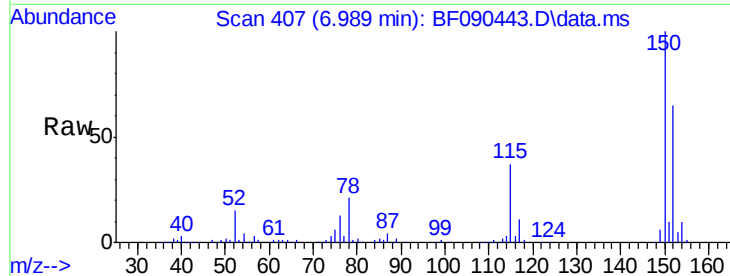




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.989 min Scan# 40
 Delta R.T. -0.012 min
 Lab File: BF090443.D
 Acq: 7 Oct 2016 14:01

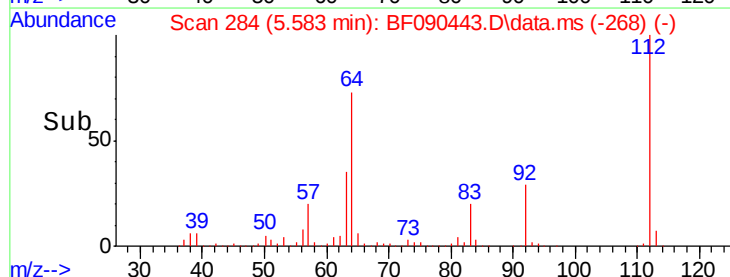
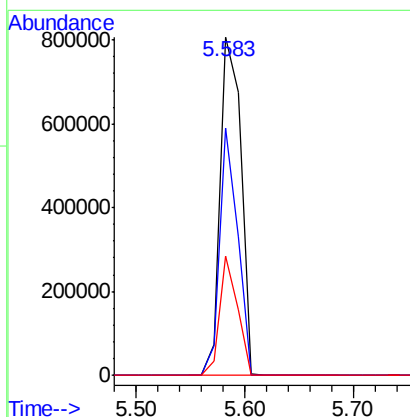
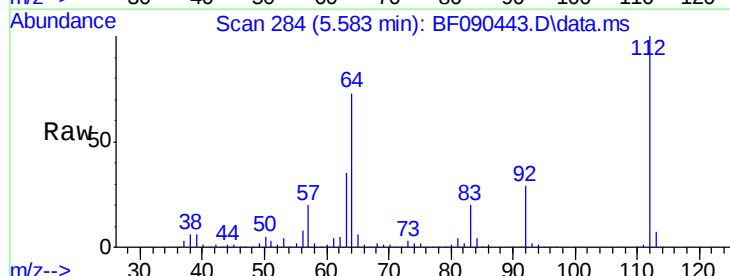
Instrument :
 BNA_F
 ClientSampleId :

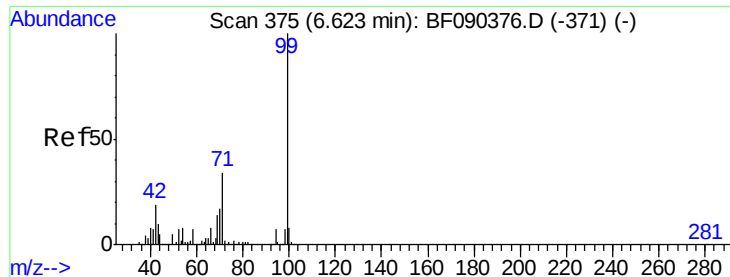
Tot Ion:152 Resp: 197999
 Ion Ratio Lower Upper
 152 100
 150 154.7 124.6 186.8
 115 56.5 46.2 69.4



#5
 2-Fluorophenol
 Concen: 80.70 ng
 RT: 5.583 min Scan# 284
 Delta R.T. -0.022 min
 Lab File: BF090443.D
 Acq: 7 Oct 2016 14:01

Tgt Ion:112 Resp: 1070584
 Ion Ratio Lower Upper
 112 100
 64 73.2 57.9 86.9
 63 35.1 29.6 44.4





#7

Phenol-d6

Concen: 78.00 ng

RT: 6.600 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

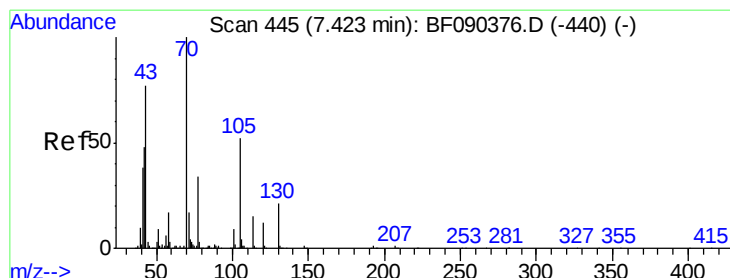
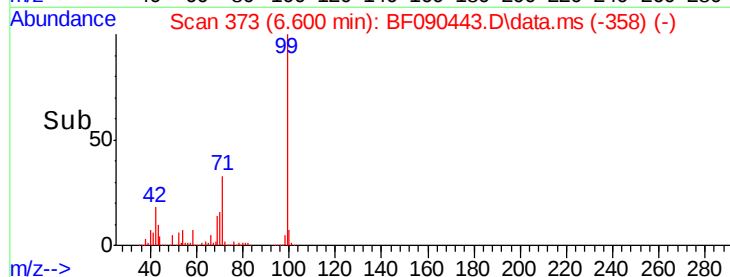
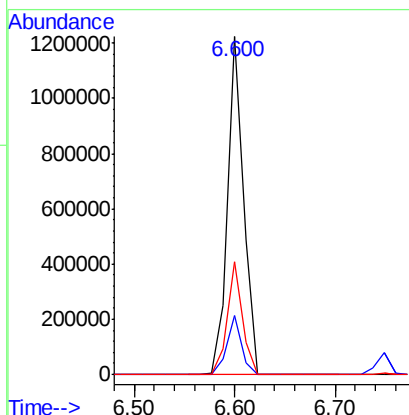
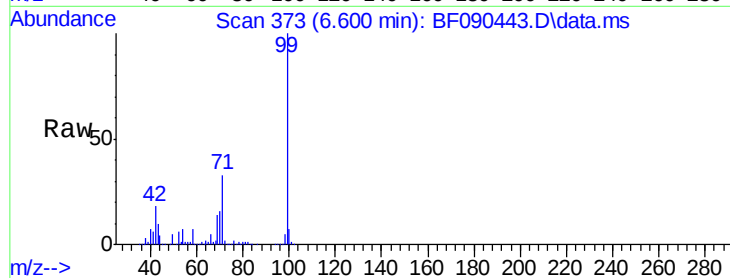
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1355238

Ion	Ratio	Lower	Upper
99	100		
42	17.5	20.0	30.0#
71	33.4	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.60 ng

RT: 7.549 min Scan# 456

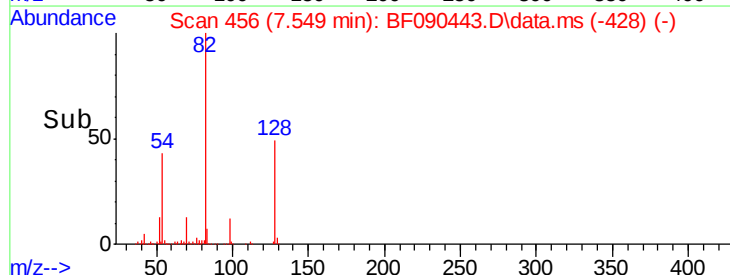
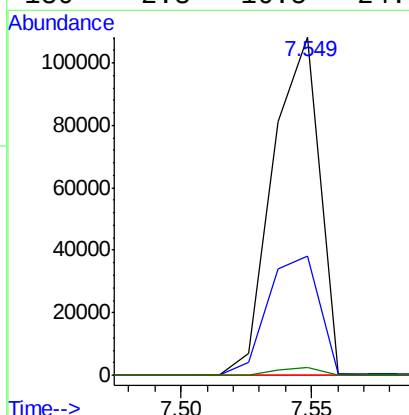
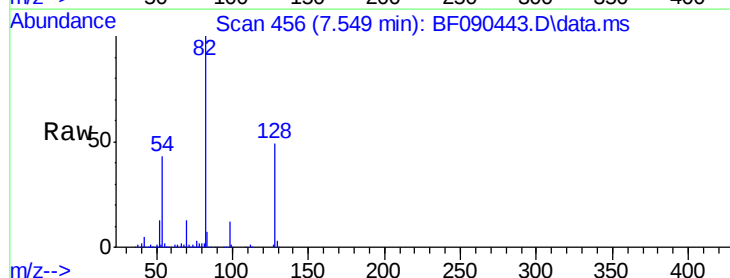
Delta R.T. 0.126 min

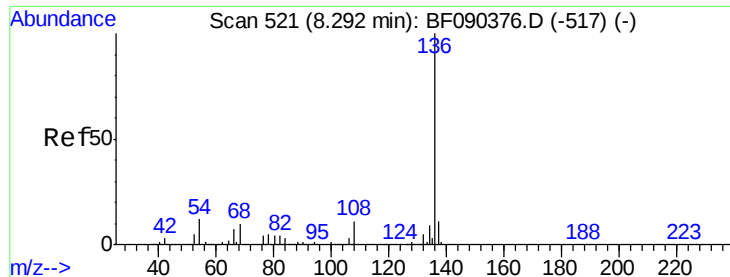
Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

Tgt Ion: 70 Resp: 135088

Ion	Ratio	Lower	Upper
70	100		
42	35.1	55.4	83.2#
101	0.0	7.6	11.4#
130	2.3	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: BF090443.D

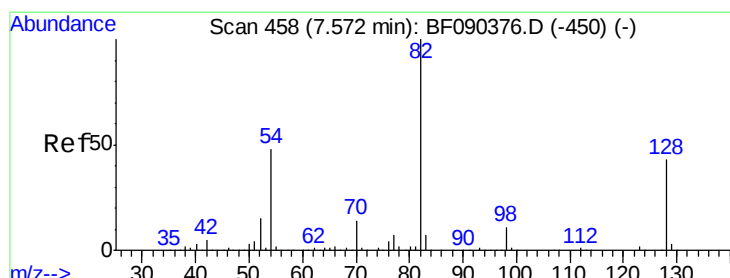
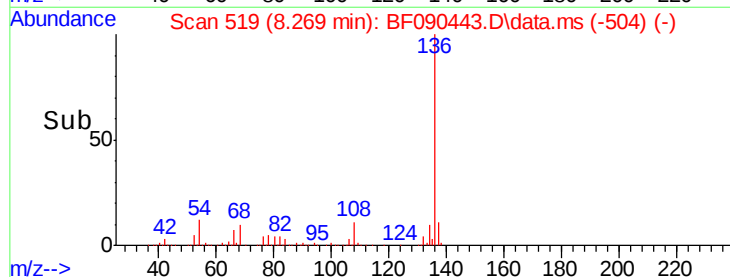
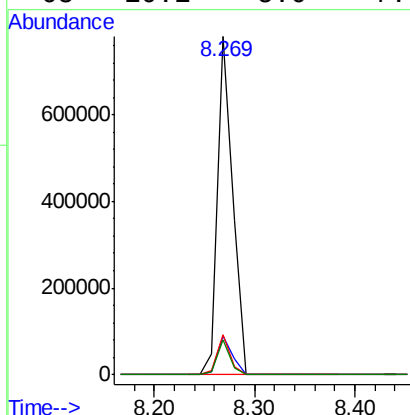
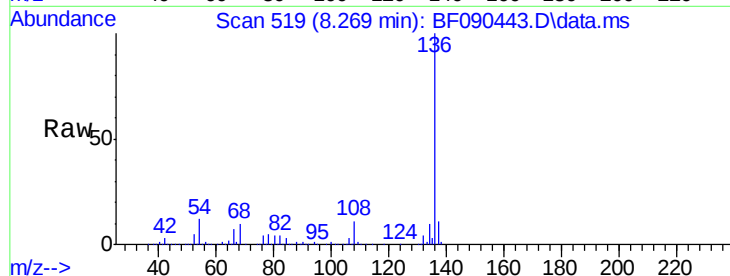
Acq: 7 Oct 2016 14:01

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	136	Resp:	814467
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.0	13.6
54	11.6	6.6	10.0#
68	10.1	5.0	7.6#



#23

Nitrobenzene-d5

Concen: 58.83 ng

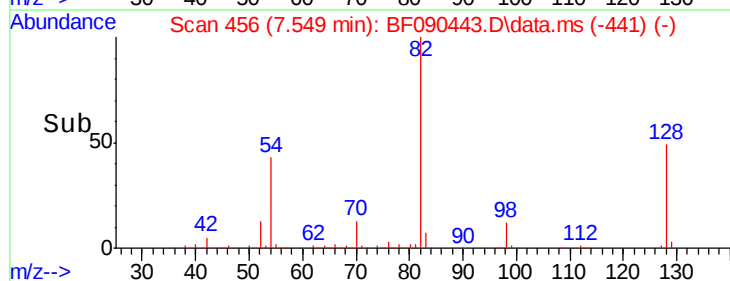
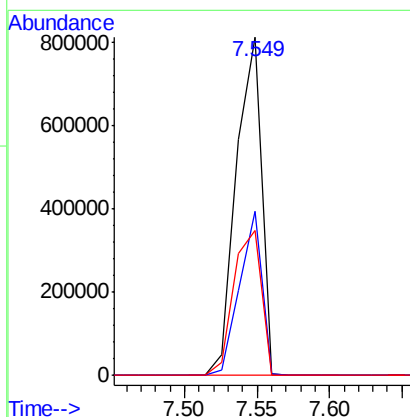
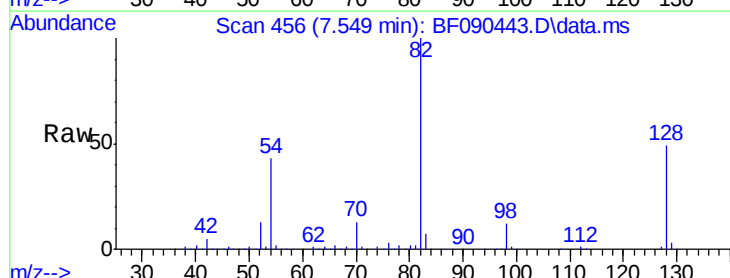
RT: 7.549 min Scan# 456

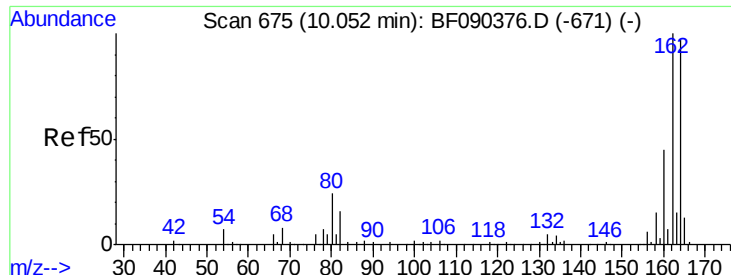
Delta R.T. -0.023 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

Tgt Ion:	82	Resp:	985037
Ion	Ratio	Lower	Upper
82	100		
128	48.7	40.0	60.0
54	42.7	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: BF090443.D

Acq: 7 Oct 2016 14:01

Instrument :

BNA_F

ClientSampleId :

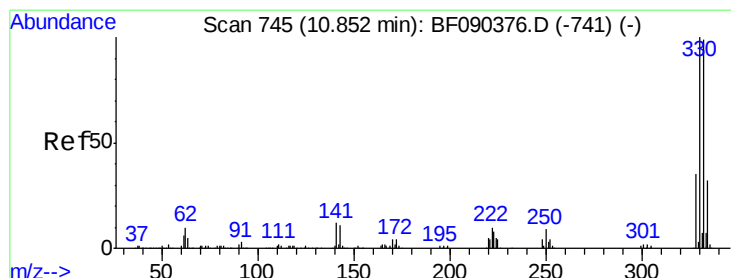
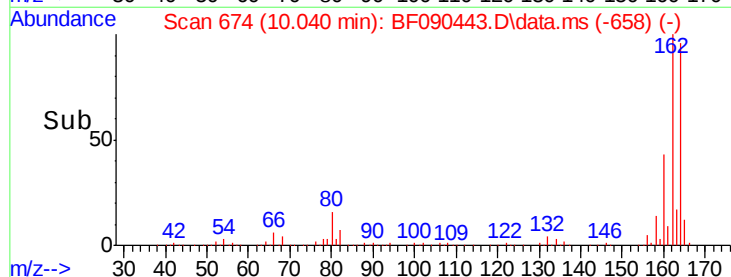
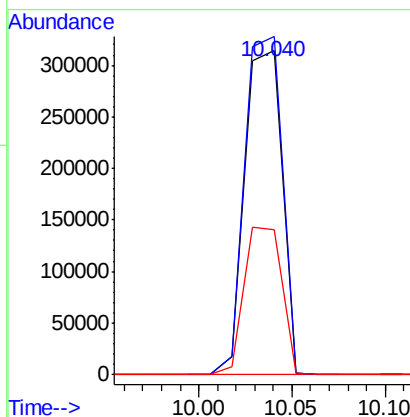
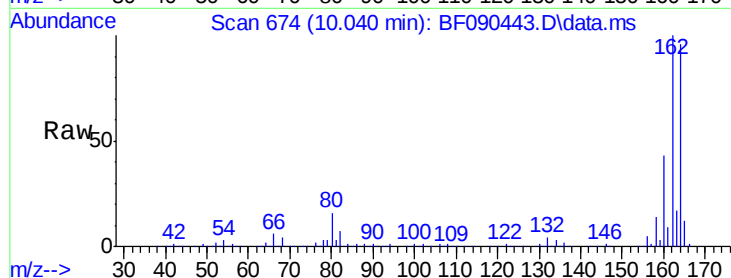
Tot Ion:164 Resp: 437217

Ion Ratio Lower Upper

164 100

162 104.3 80.1 120.1

160 44.5 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 75.04 ng

RT: 10.829 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

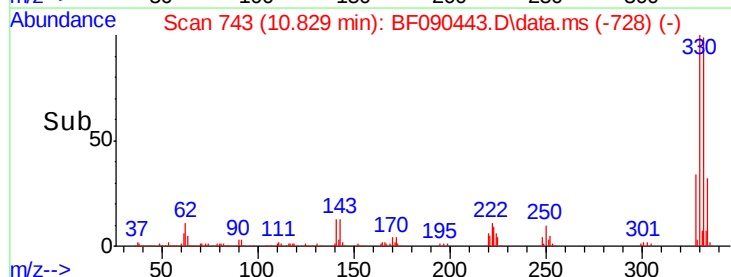
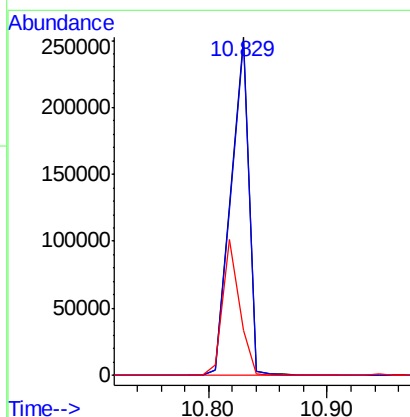
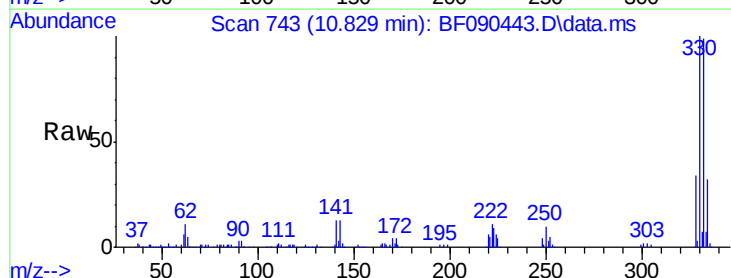
Tgt Ion:330 Resp: 266778

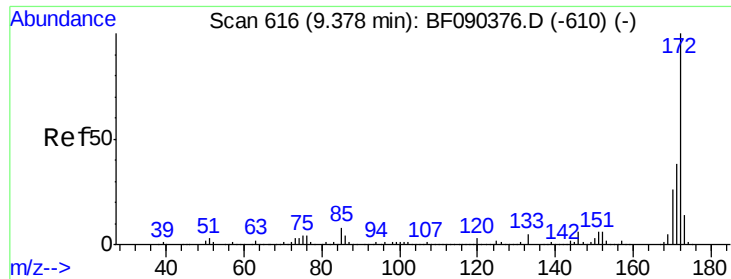
Ion Ratio Lower Upper

330 100

332 98.2 75.4 113.0

141 37.2 26.9 40.3

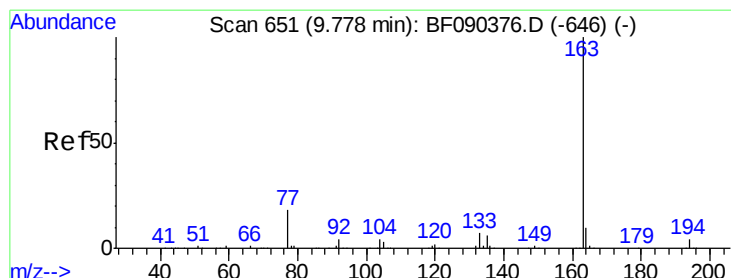
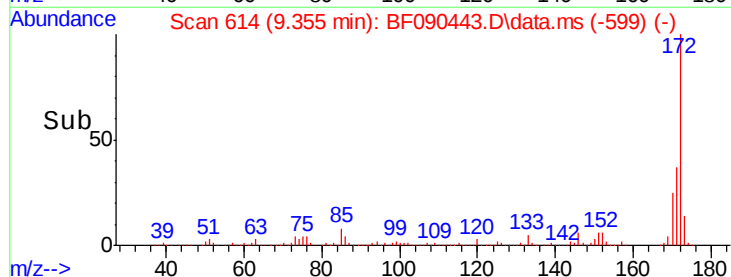
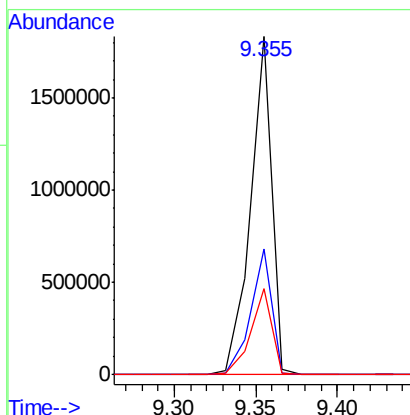
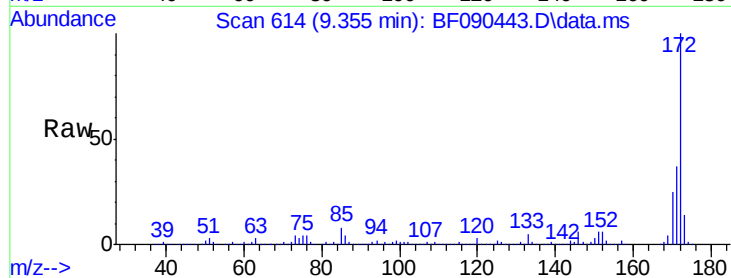




#44
2-Fluorobiphenyl
Concen: 63.05 ng
RT: 9.355 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090443.D
Acq: 7 Oct 2016 14:01

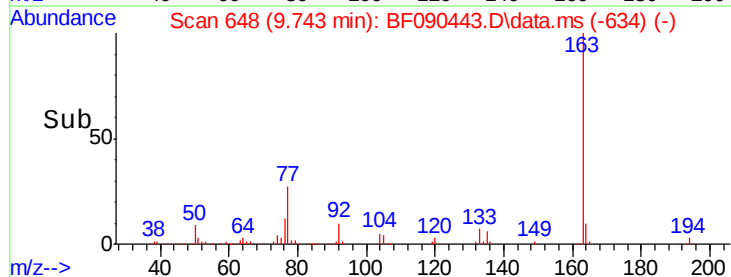
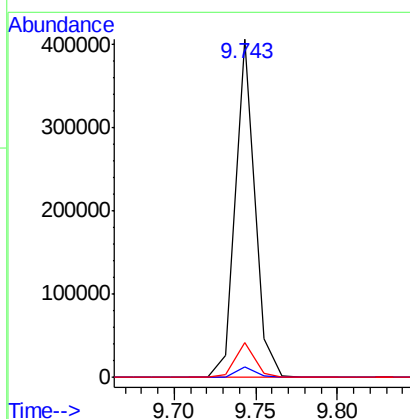
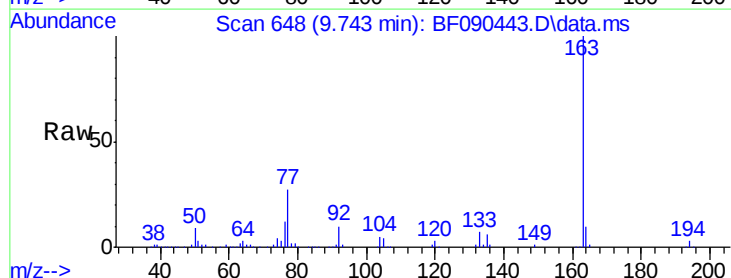
Instrument :
BNA_F
ClientSampleId :

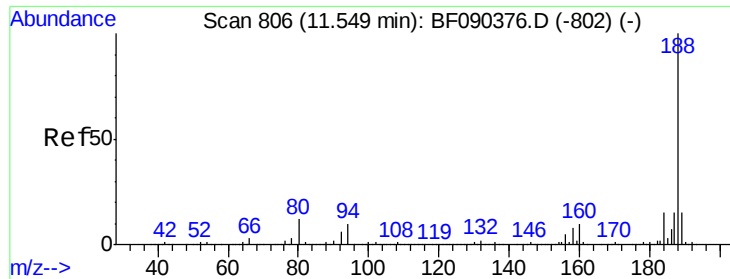
Tot Ion:172 Resp: 1654623
Ion Ratio Lower Upper
172 100
171 37.2 31.8 47.8
170 25.2 21.7 32.5



#49
Dimethylphthalate
Concen: 11.74 ng
RT: 9.743 min Scan# 648
Delta R.T. -0.034 min
Lab File: BF090443.D
Acq: 7 Oct 2016 14:01

Tgt Ion:163 Resp: 328706
Ion Ratio Lower Upper
163 100
194 3.0 2.8 4.2
164 10.3 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: BF090443.D

Acq: 7 Oct 2016 14:01

Instrument :

BNA_F

ClientSampleId :

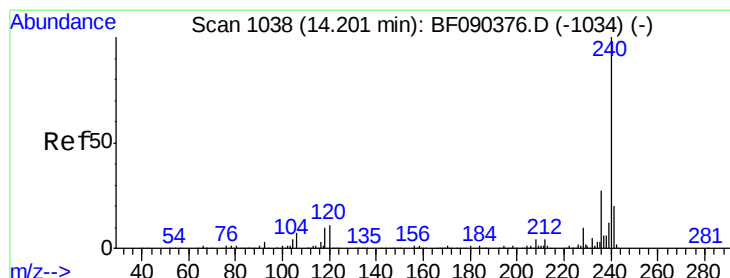
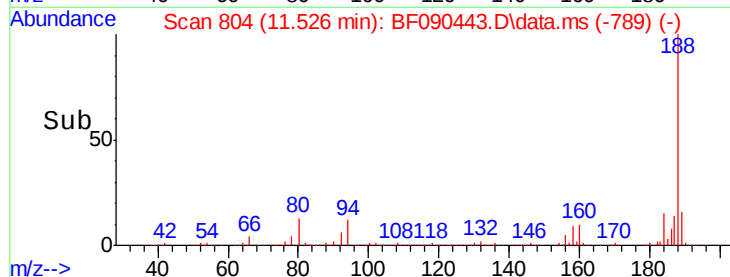
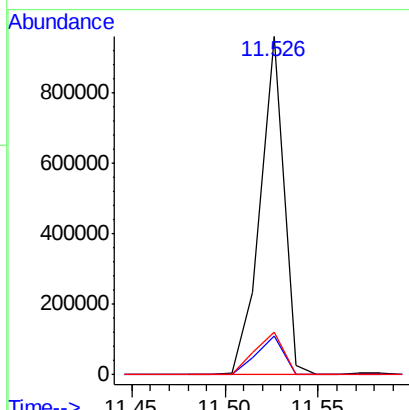
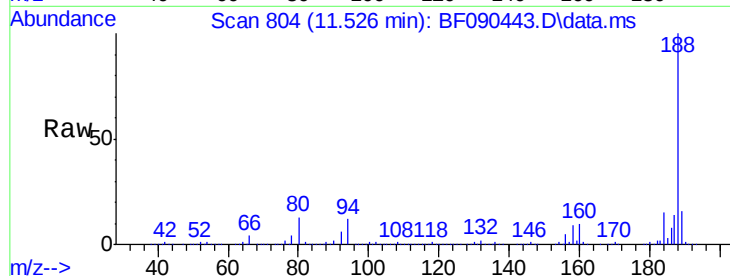
Tot Ion:188 Resp: 841523

Ion Ratio Lower Upper

188 100

94 11.5 8.2 12.2

80 12.7 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: BF090443.D

Acq: 7 Oct 2016 14:01

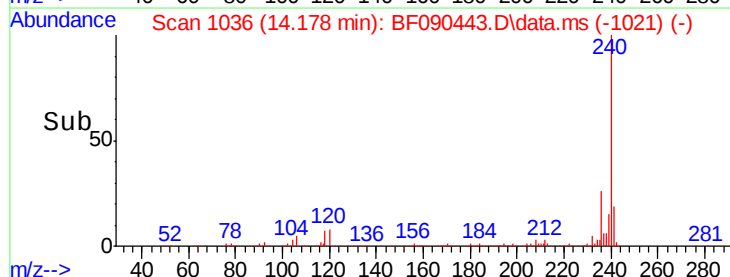
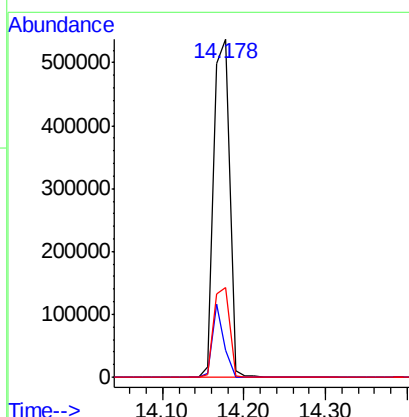
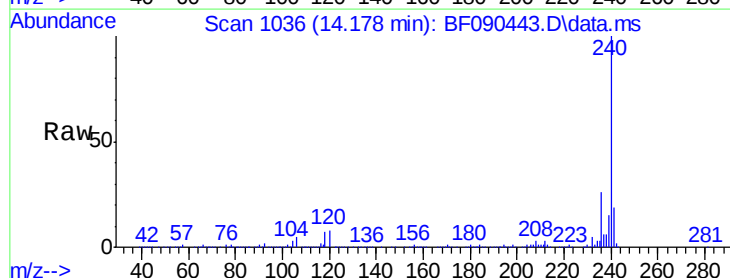
Tgt Ion:240 Resp: 734211

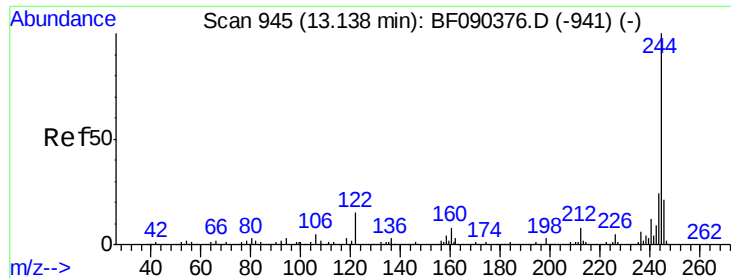
Ion Ratio Lower Upper

240 100

120 8.0 8.6 13.0#

236 26.4 21.6 32.4





#78

Terphenyl-d14

Concen: 51.38 ng

RT: 13.115 min Scan# 941

Delta R.T. -0.023 min

Lab File: BF090443.D

Acq: 7 Oct 2016 14:01

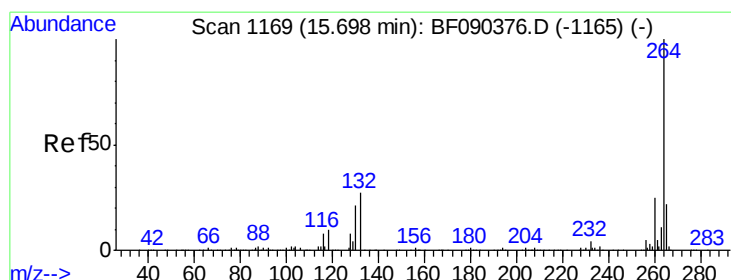
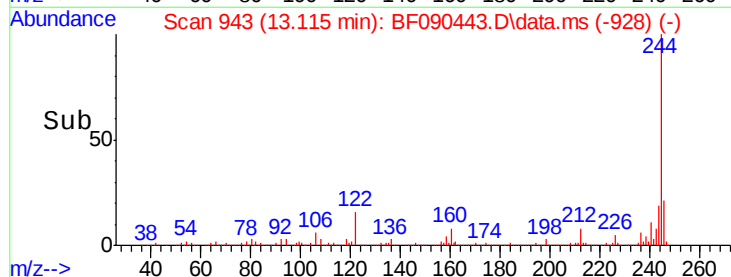
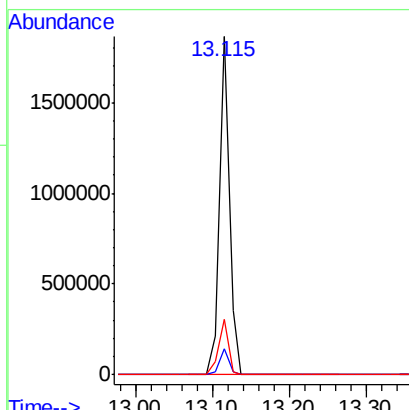
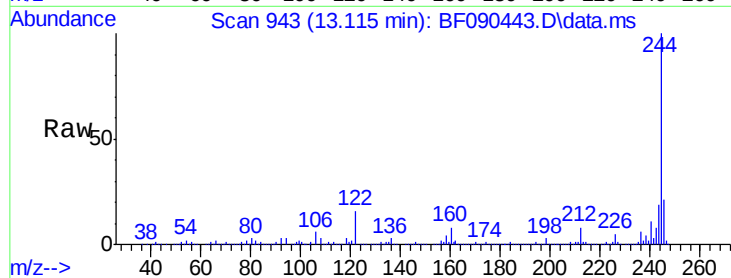
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1677895

Ion	Ratio	Lower	Upper
244	100		
212	7.6	6.8	10.2
122	16.4	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: BF090443.D

Acq: 7 Oct 2016 14:01

Tgt Ion:264 Resp: 556162

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.3	28.9
265	21.1	17.4	26.0

