

Data Path : Z:\HPCHEM1\BNA F\Data\BF100716\
 Data File : BF090440.D
 Acq On : 7 Oct 2016 12:39
 Operator : UM/SJ
 Sample : H5121-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Oct 07 13:47:47 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

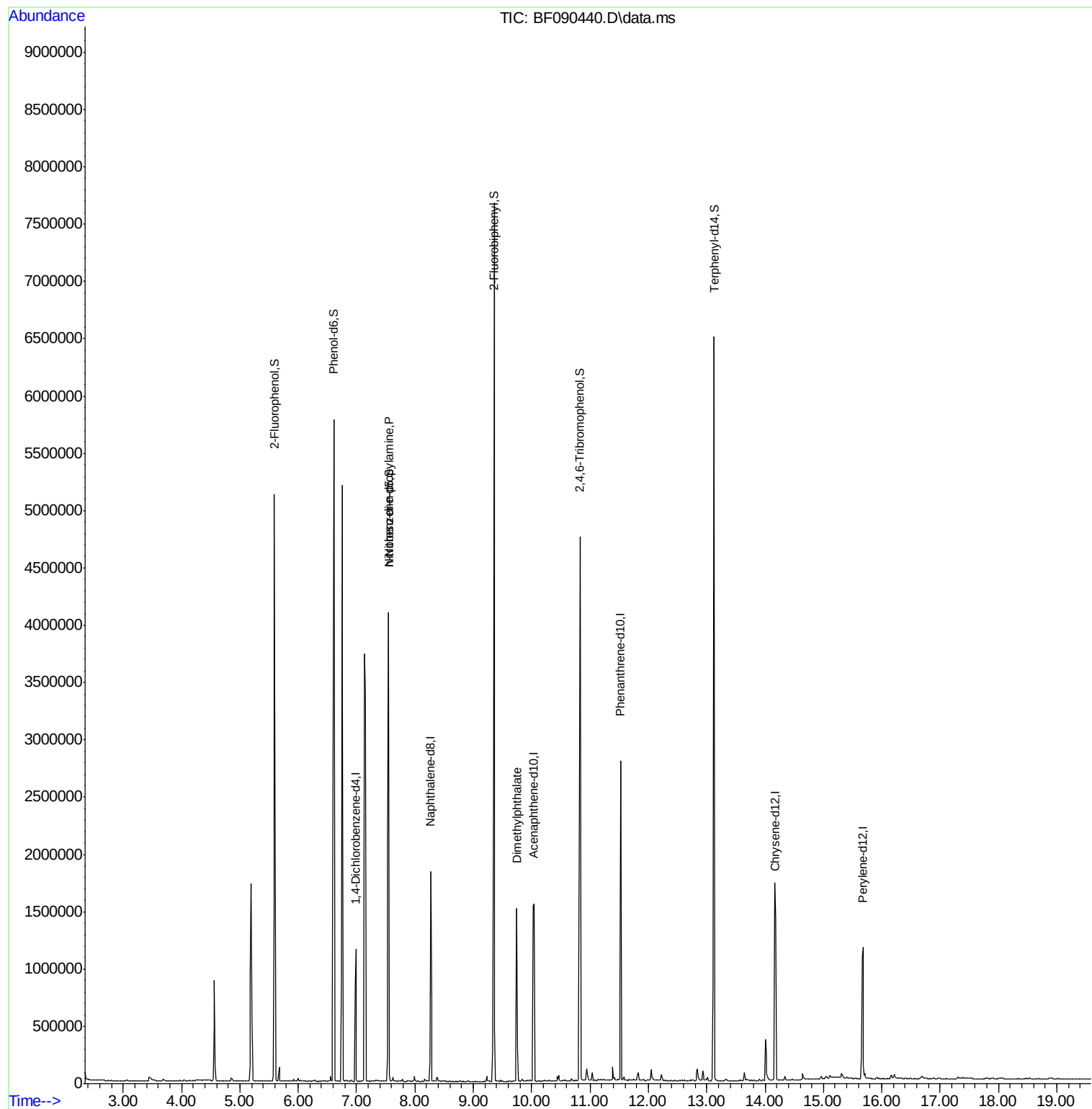
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.989	152	226032	20.00	ng	-0.01
21) Naphthalene-d8	8.269	136	903219	20.00	ng	-0.02
38) Acenaphthene-d10	10.041	164	502368	20.00	ng	-0.01
63) Phenanthrene-d10	11.526	188	927781	20.00	ng	-0.02
75) Chrysene-d12	14.178	240	770897	20.00	ng	-0.02
86) Perylene-d12	15.675	264	589619	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.594	112	1823605	120.41	ng	-0.01
7) Phenol-d6	6.612	99	2357795	118.87	ng	-0.01
23) Nitrobenzene-d5	7.549	82	1579185	85.05	ng	-0.02
41) 2,4,6-Tribromophenol	10.829	330	614734	150.49	ng	-0.02
44) 2-Fluorobiphenyl	9.355	172	2369881	78.60	ng	-0.02
78) Terphenyl-d14	13.127	244	3022420	88.14	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.549	70	222646	15.31	ng	Qvalue # 63
49) Dimethylphthalate	9.743	163	577034	17.94	ng	99

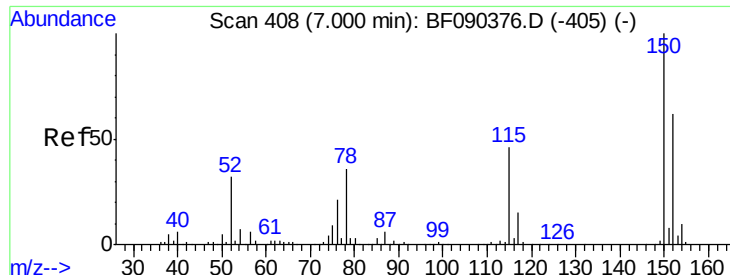
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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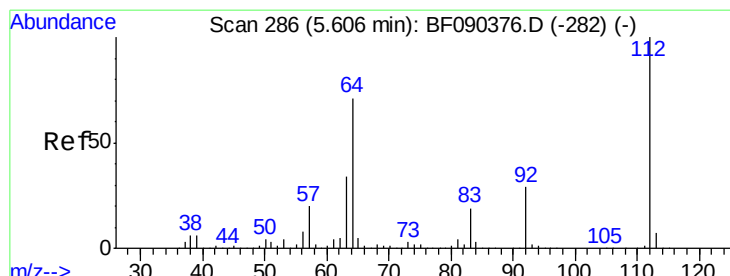
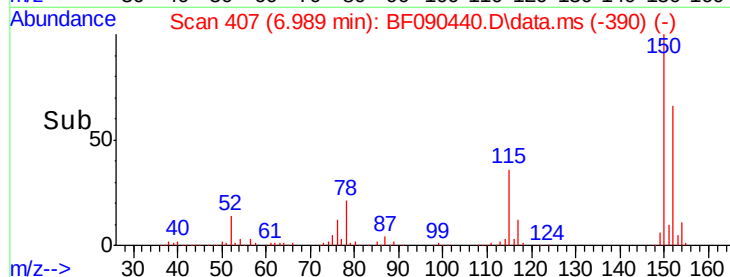
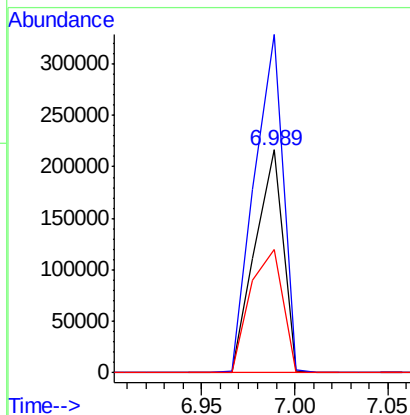
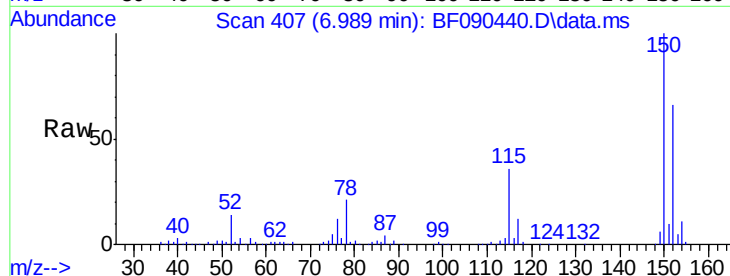




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.989 min Scan# 40
 Delta R.T. -0.011 min
 Lab File: BF090440.D
 Acq: 7 Oct 2016 12:39

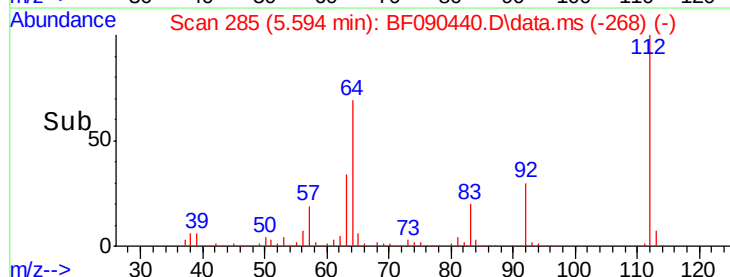
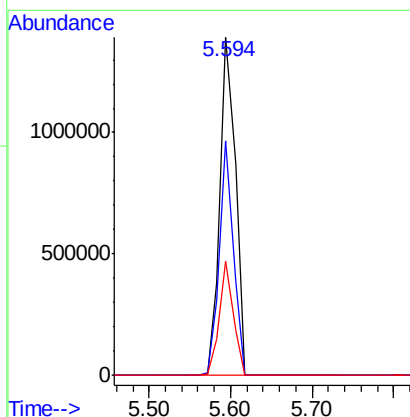
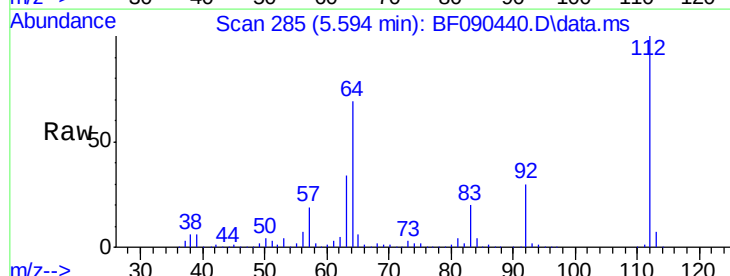
Instrument :
 BNA_F
 ClientSampleId :

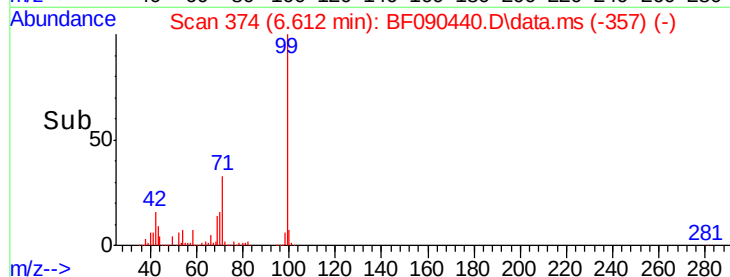
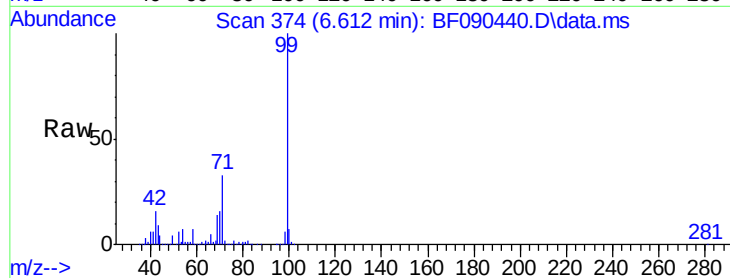
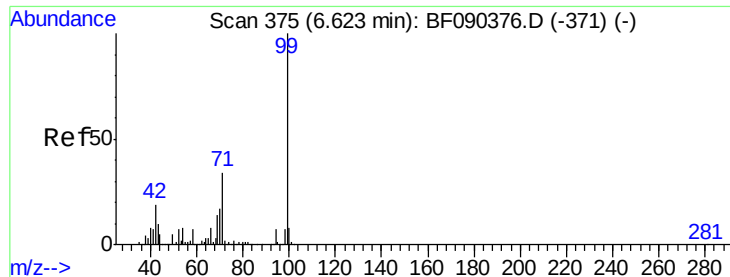
Tot Ion:152 Resp: 226032
 Ion Ratio Lower Upper
 152 100
 150 151.8 124.6 186.8
 115 55.3 46.2 69.4



#5
 2-Fluorophenol
 Concen: 120.41 ng
 RT: 5.594 min Scan# 285
 Delta R.T. -0.011 min
 Lab File: BF090440.D
 Acq: 7 Oct 2016 12:39

Tgt Ion:112 Resp: 1823605
 Ion Ratio Lower Upper
 112 100
 64 69.5 57.9 86.9
 63 33.6 29.6 44.4





#7

Phenol-d6

Concen: 118.87 ng

RT: 6.612 min Scan# 37

Delta R.T. -0.011 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

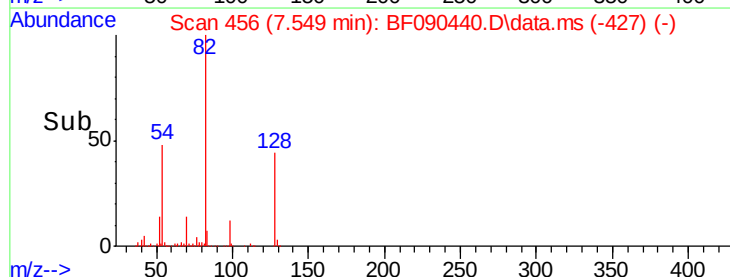
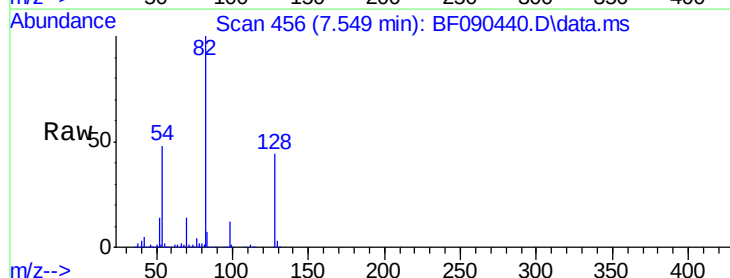
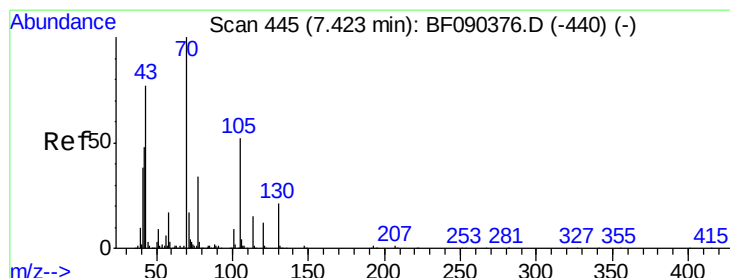
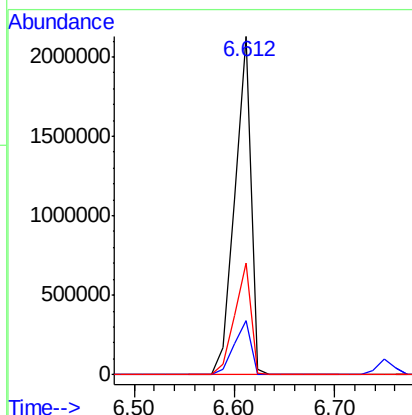
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 2357795

Ion	Ratio	Lower	Upper
99	100		
42	16.1	20.0	30.0#
71	33.0	27.9	41.9



#19

n-Nitroso-di-n-propylamine

Concen: 15.31 ng

RT: 7.549 min Scan# 456

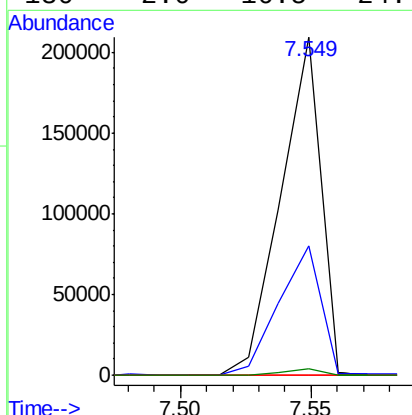
Delta R.T. 0.126 min

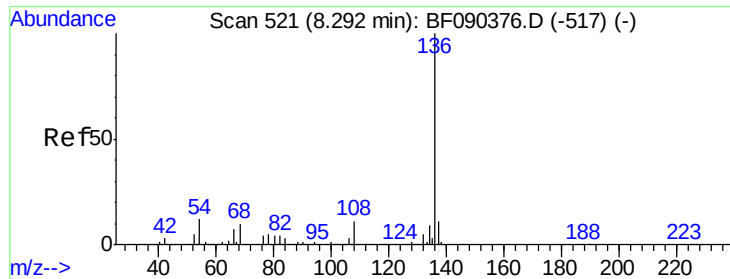
Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Tgt Ion: 70 Resp: 222646

Ion	Ratio	Lower	Upper
70	100		
42	38.4	55.4	83.2#
101	0.0	7.6	11.4#
130	2.0	16.5	24.7#

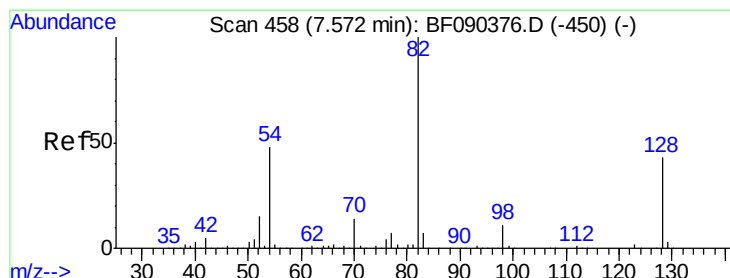
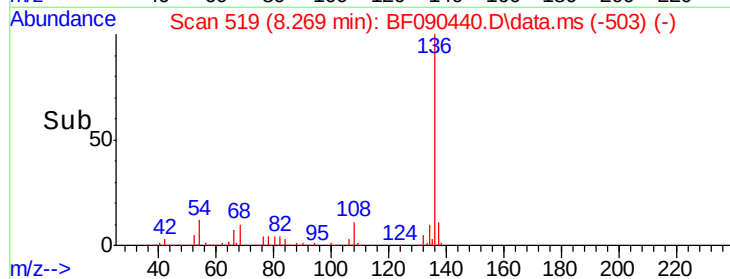
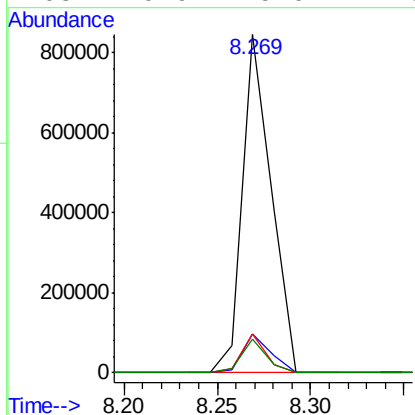
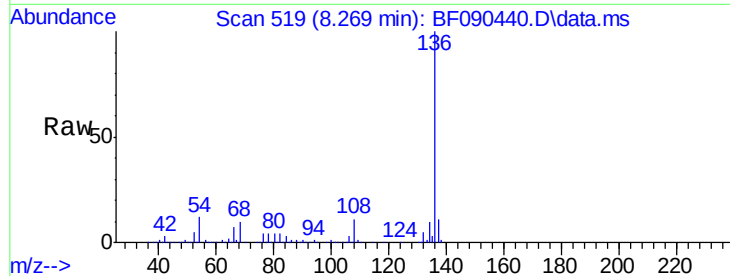




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.269 min Scan# 51
Delta R.T. -0.023 min
Lab File: BF090440.D
Acq: 7 Oct 2016 12:39

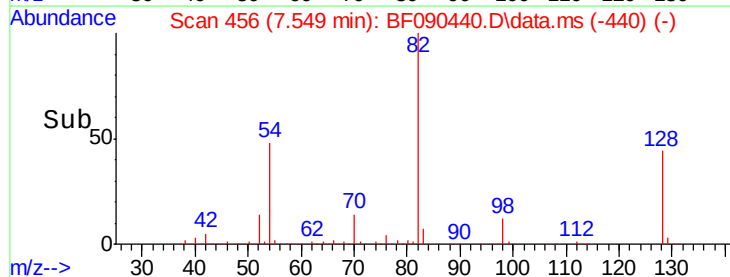
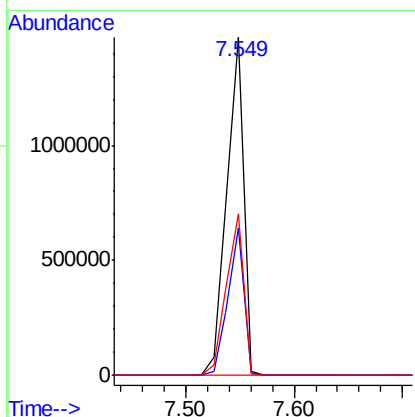
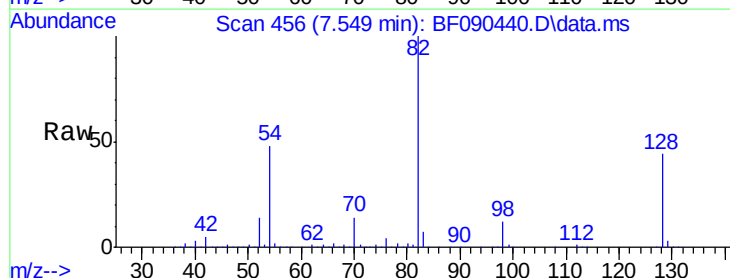
Instrument :
BNA_F
ClientSampleId :

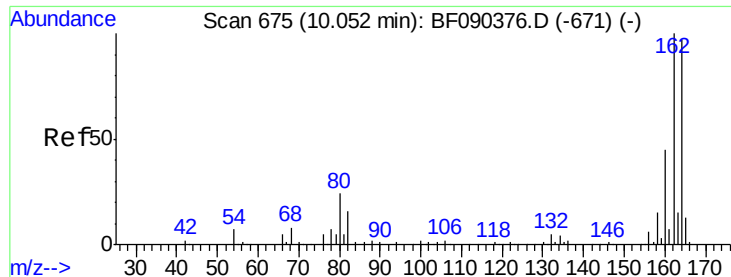
Tot Ion:	136	Resp:	903219
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	11.6	6.6	10.0#
68	9.9	5.0	7.6#



#23
Nitrobenzene-d5
Concen: 85.05 ng
RT: 7.549 min Scan# 456
Delta R.T. -0.023 min
Lab File: BF090440.D
Acq: 7 Oct 2016 12:39

Tgt Ion:	82	Resp:	1579185
Ion	Ratio	Lower	Upper
82	100		
128	43.8	40.0	60.0
54	47.9	42.6	64.0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.041 min Scan# 67

Delta R.T. -0.011 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Instrument :

BNA_F

ClientSampleId :

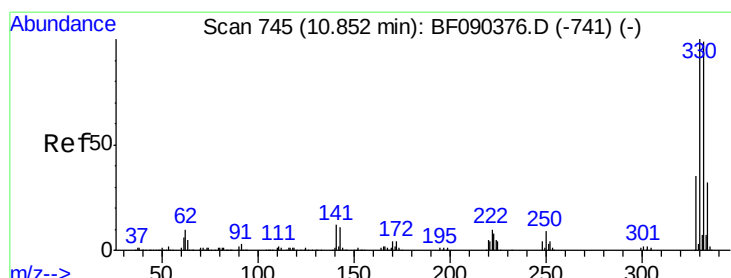
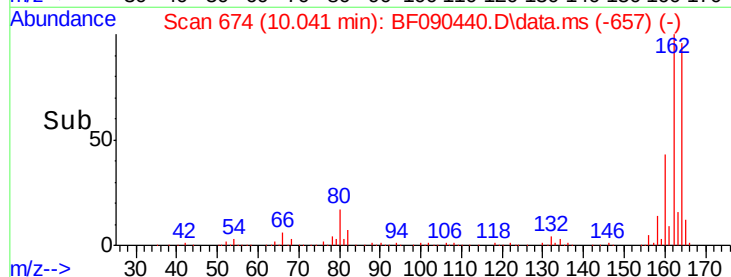
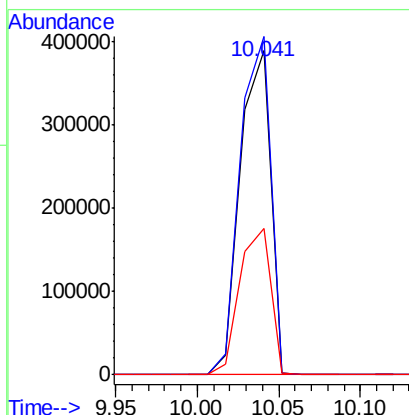
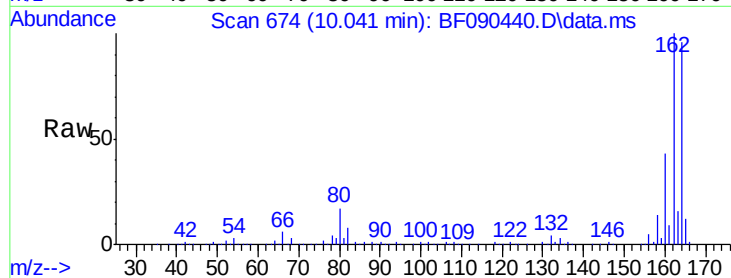
Tot Ion:164 Resp: 502368

Ion Ratio Lower Upper

164 100

162 104.5 80.1 120.1

160 45.3 36.3 54.5



#41

2,4,6-Tribromophenol

Concen: 150.49 ng

RT: 10.829 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

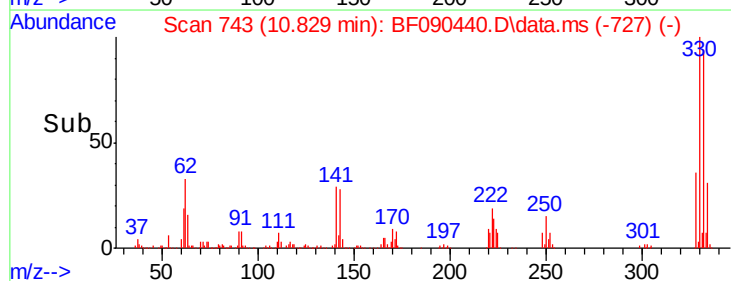
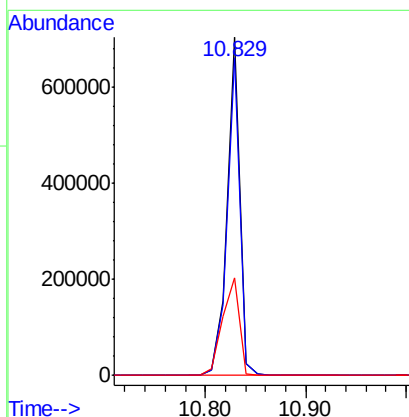
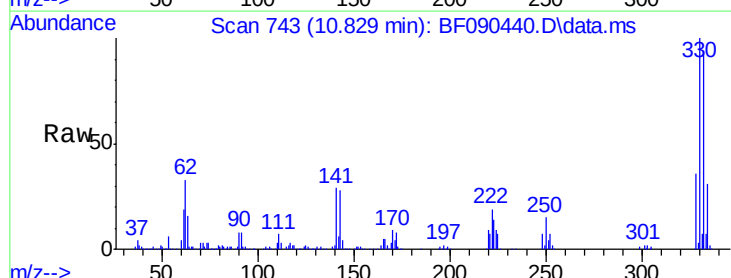
Tgt Ion:330 Resp: 614734

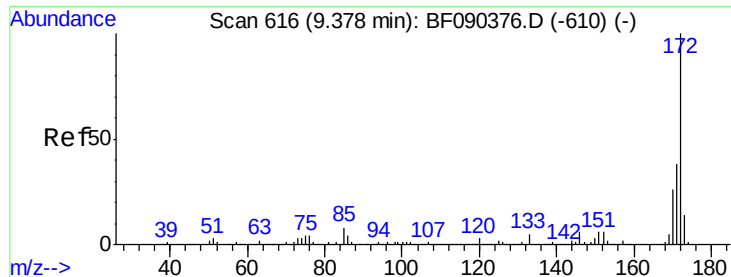
Ion Ratio Lower Upper

330 100

332 94.4 75.4 113.0

141 38.3 26.9 40.3

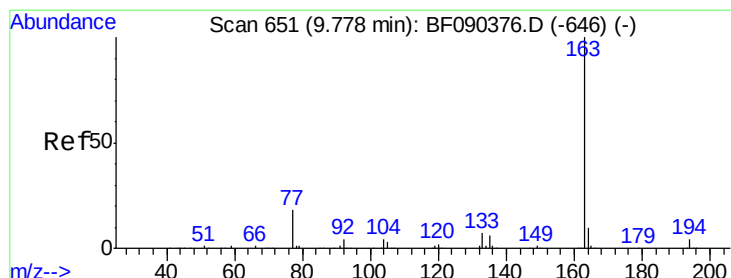
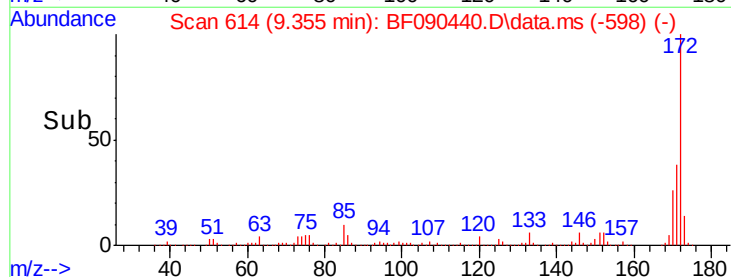
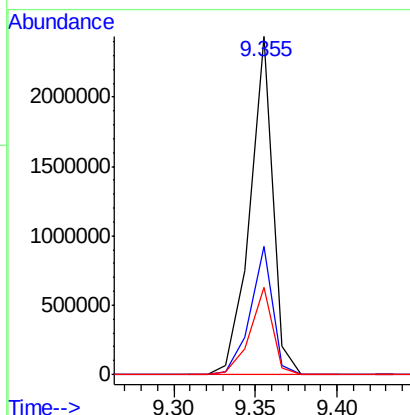
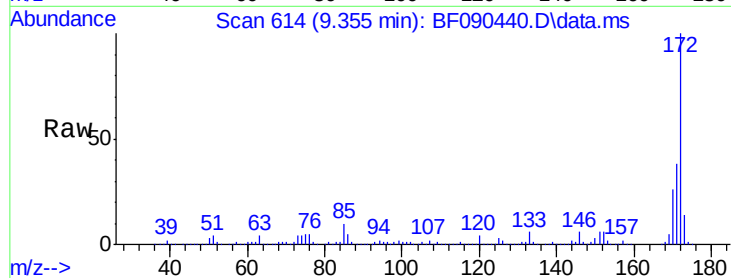




#44
2-Fluorobiphenyl
Concen: 78.60 ng
RT: 9.355 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090440.D
Acq: 7 Oct 2016 12:39

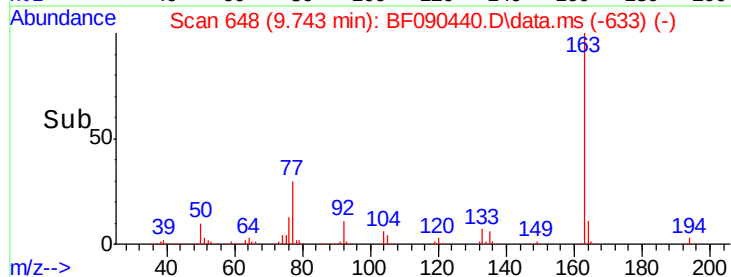
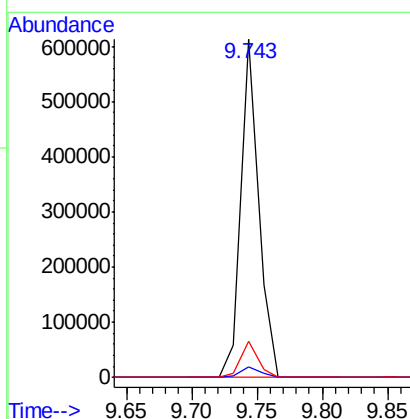
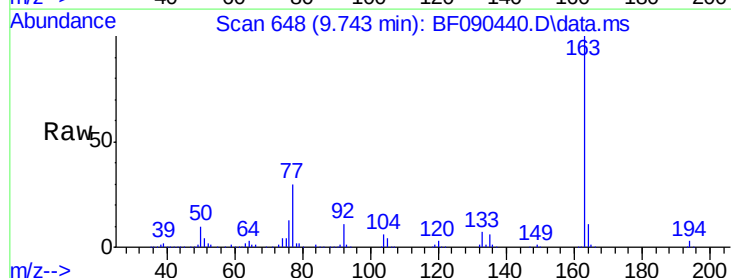
Instrument :
BNA_F
ClientSampleId :

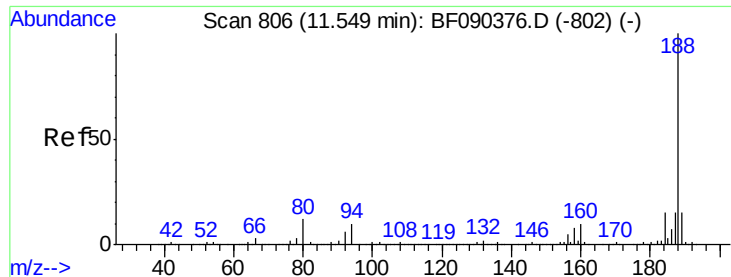
Tot Ion:172 Resp: 2369881
Ion Ratio Lower Upper
172 100
171 38.1 31.8 47.8
170 25.9 21.7 32.5



#49
Dimethylphthalate
Concen: 17.94 ng
RT: 9.743 min Scan# 648
Delta R.T. -0.034 min
Lab File: BF090440.D
Acq: 7 Oct 2016 12:39

Tgt Ion:163 Resp: 577034
Ion Ratio Lower Upper
163 100
194 3.1 2.8 4.2
164 10.6 9.0 13.4

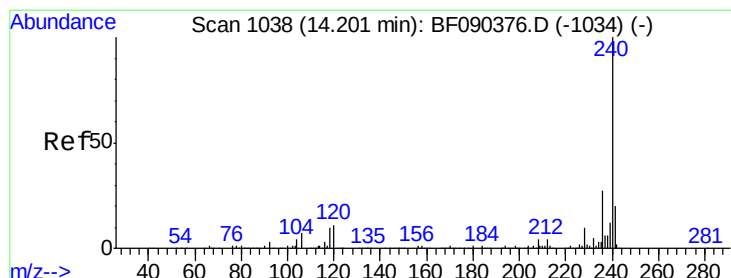
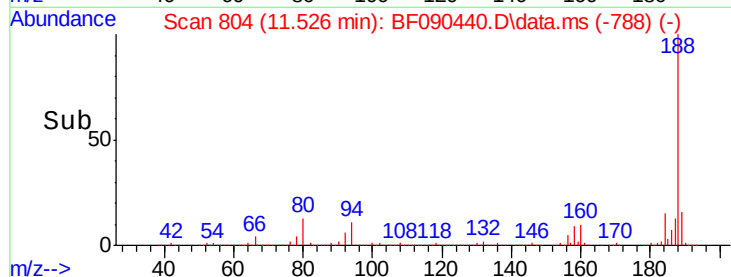
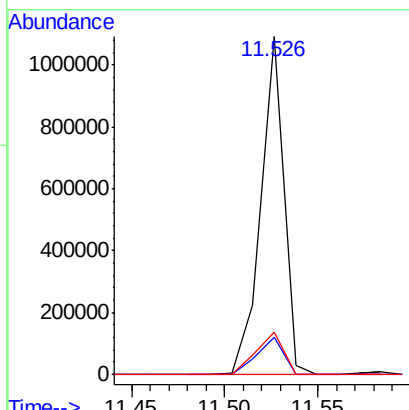
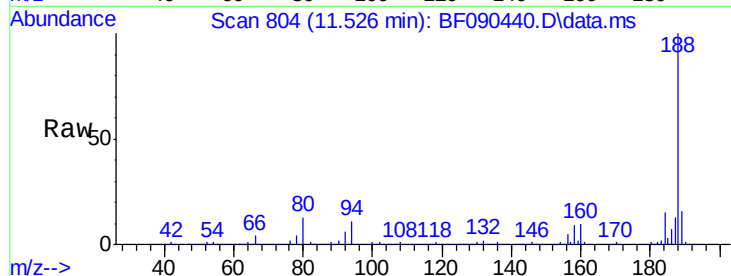




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.526 min Scan# 80
Delta R.T. -0.023 min
Lab File: BF090440.D
Acq: 7 Oct 2016 12:39

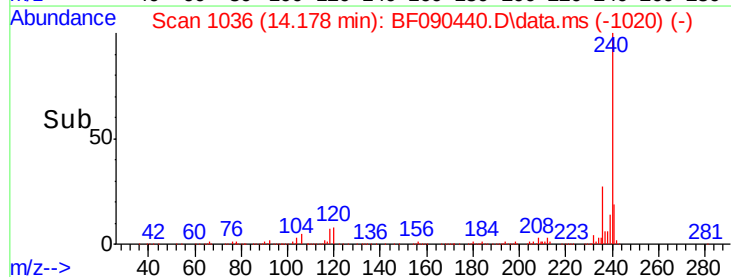
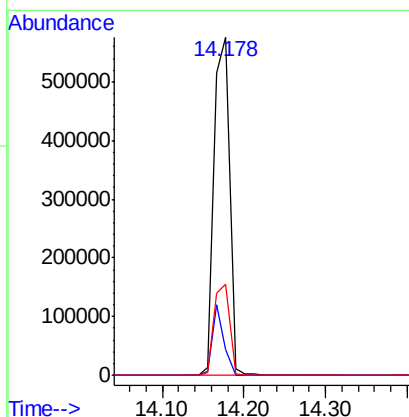
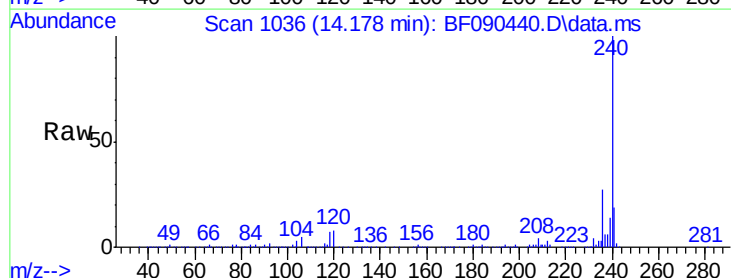
Instrument :
BNA_F
ClientSampled :

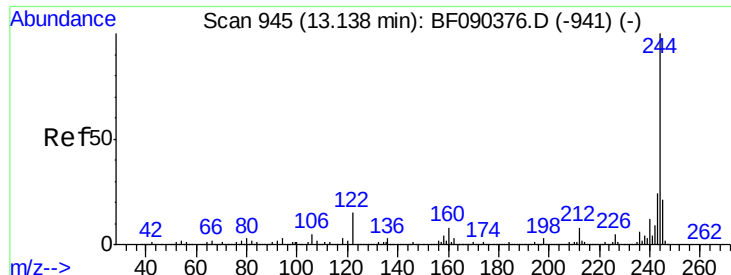
Tot Ion:188 Resp: 927781
Ion Ratio Lower Upper
188 100
94 11.2 8.2 12.2
80 12.6 8.8 13.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.178 min Scan# 1036
Delta R.T. -0.023 min
Lab File: BF090440.D
Acq: 7 Oct 2016 12:39

Tgt Ion:240 Resp: 770897
Ion Ratio Lower Upper
240 100
120 7.8 8.6 13.0#
236 26.7 21.6 32.4





#78

Terphenyl-d14

Concen: 88.14 ng

RT: 13.127 min Scan# 94

Delta R.T. -0.011 min

Lab File: BF090440.D

Acq: 7 Oct 2016 12:39

Instrument :

BNA_F

ClientSampleId :

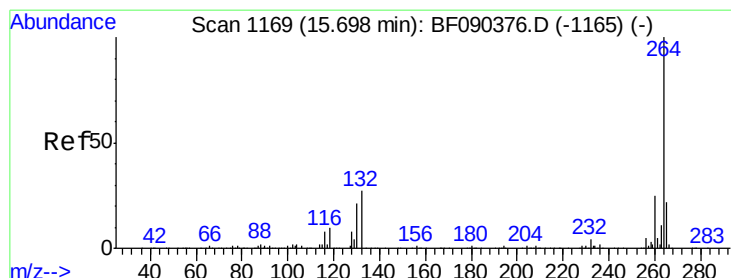
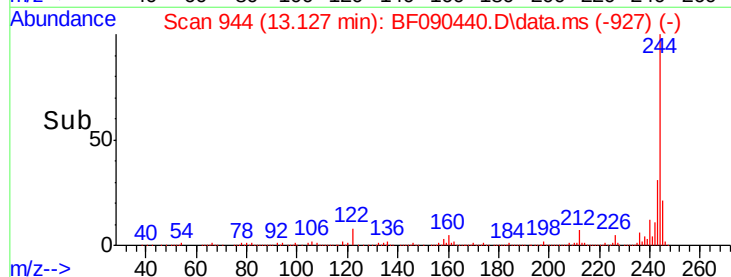
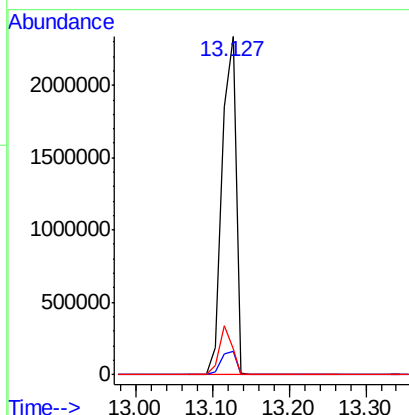
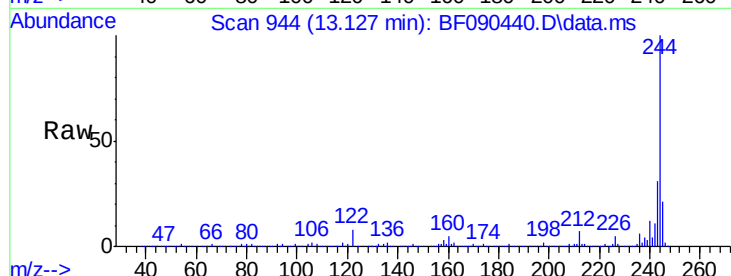
Tot Ion:244 Resp: 3022420

Ion Ratio Lower Upper

244 100

212 6.7 6.8 10.2#

122 7.5 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: BF090440.D

Acq: 7 Oct 2016 12:39

Tgt Ion:264 Resp: 589619

Ion Ratio Lower Upper

264 100

260 25.3 19.3 28.9

265 21.9 17.4 26.0

