

Data Path : Z:\HPCHEM1\BNA F\Data\BF092816\
 Data File : BF090278.D
 Acq On : 28 Sep 2016 14:13
 Operator : UM/SJ
 Sample : PB93644BL
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 28 17:07:23 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 26 15:58:38 2016
 Response via : Initial Calibration

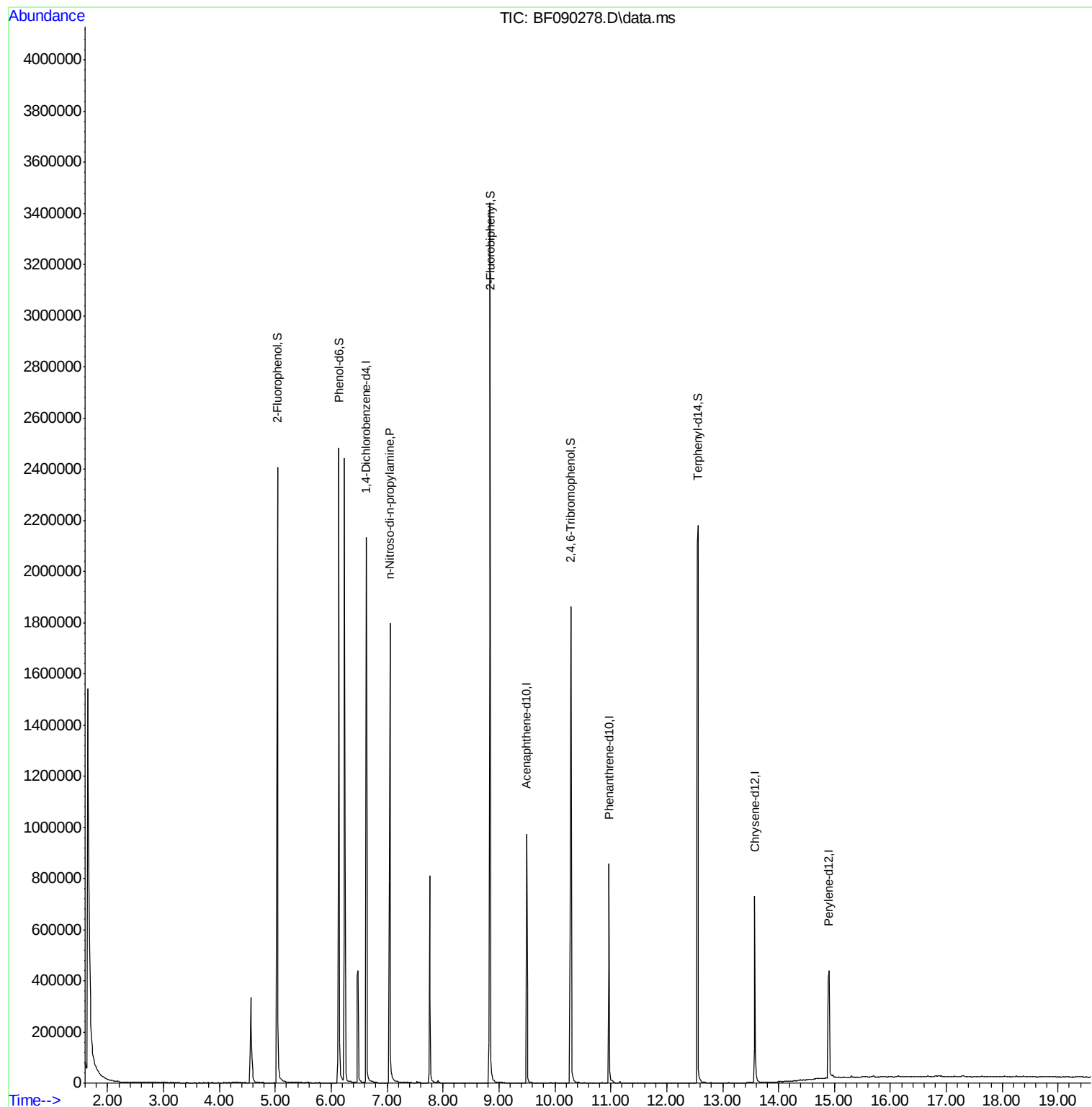
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.627	152	376438	20.00	ng	0.15
21) Naphthalene-d8	0.000	136	0	0.00	ng	-7.77
38) Acenaphthene-d10	9.496	164	240979	20.00	ng	-0.01
63) Phenanthrene-d10	10.971	188	402036	20.00	ng	-0.01
75) Chrysene-d12	13.576	240	268949	20.00	ng	-0.02
86) Perylene-d12	14.902	264	243649	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.039	112	894927	38.75	ng	0.01
7) Phenol-d6	6.136	99	1174505	41.18	ng	0.00
23) Nitrobenzene-d5	7.050	82	752232	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.285	330	251809	121.80	ng	-0.01
44) 2-Fluorobiphenyl	8.845	172	1329087	108.28	ng	-0.01
78) Terphenyl-d14	12.559	244	1105879	104.39	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.050	70	93623	5.59	ng	Qvalue # 79

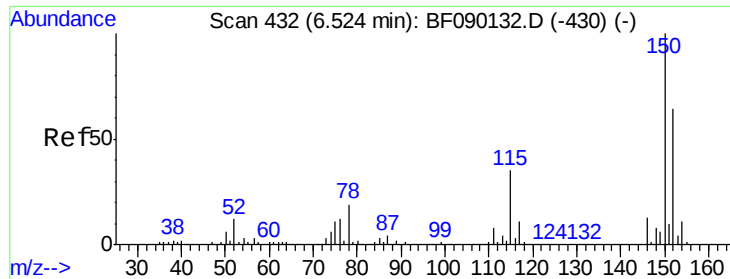
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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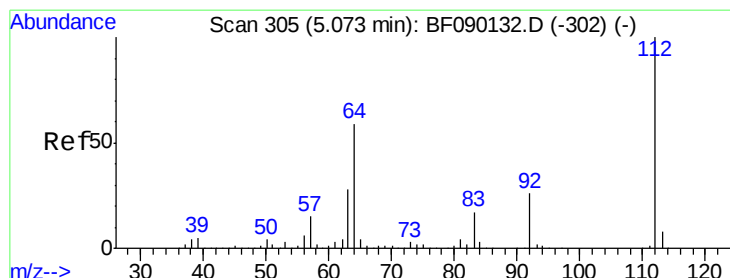
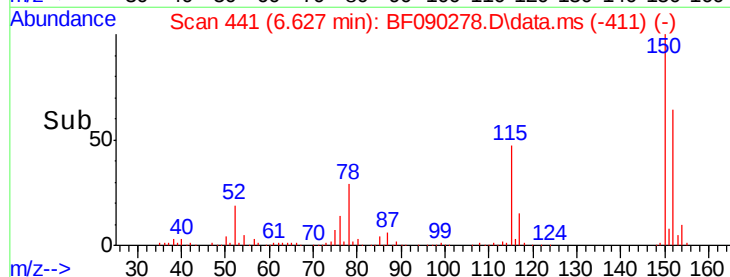
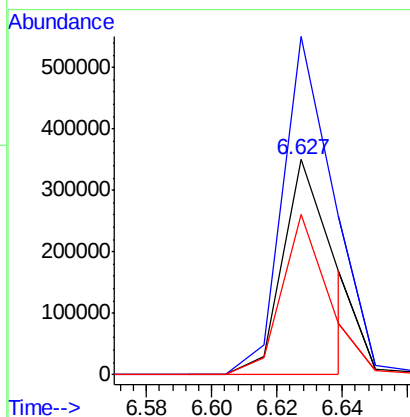
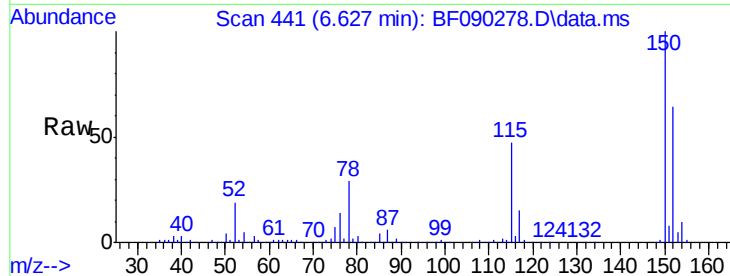




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.627 min Scan# 441
 Delta R.T. 0.148 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

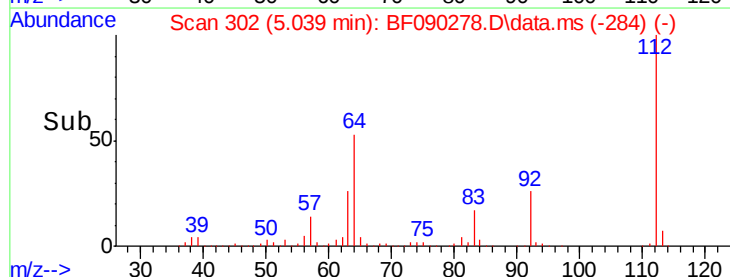
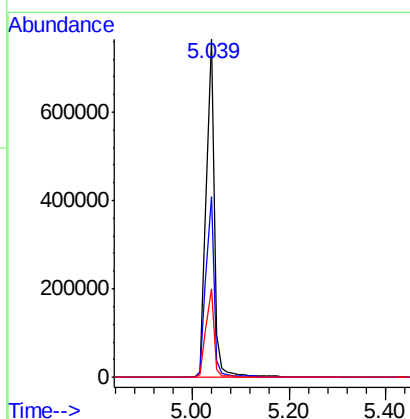
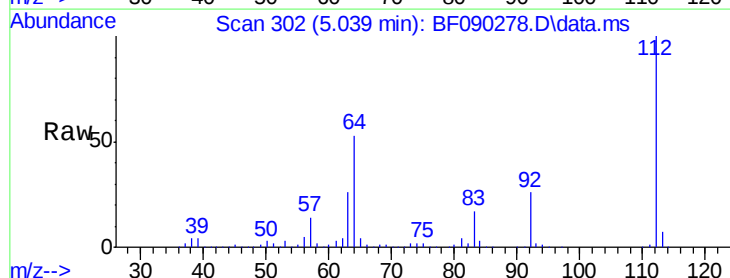
Instrument :
 BNA_F
 ClientSampleId :

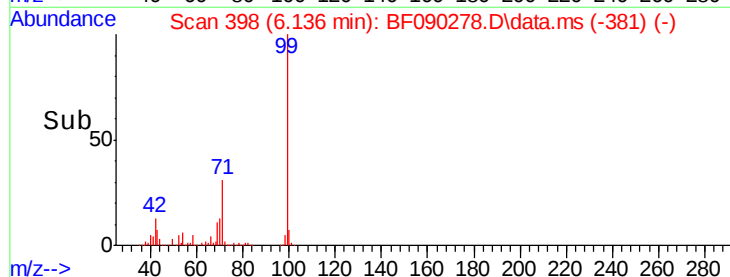
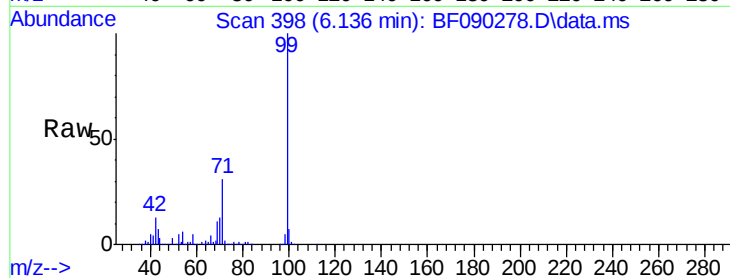
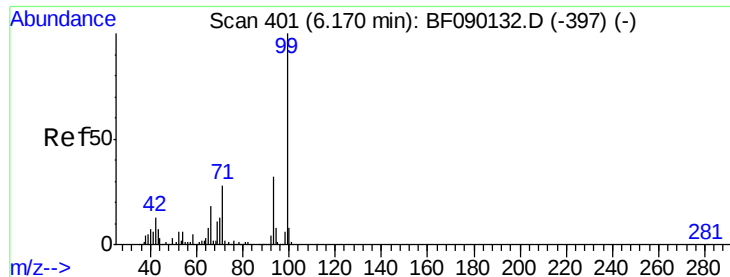
Tot Ion:152 Resp: 376438
 Ion Ratio Lower Upper
 152 100
 150 157.2 128.9 193.3
 115 74.4 55.5 83.3



#5
 2-Fluorophenol
 Concen: 38.75 ng
 RT: 5.039 min Scan# 302
 Delta R.T. 0.011 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

Tgt Ion:112 Resp: 894927
 Ion Ratio Lower Upper
 112 100
 64 53.4 39.8 59.6
 63 26.3 18.9 28.3





#7

Phenol-d6

Concen: 41.18 ng

RT: 6.136 min Scan# 39

Delta R.T. -0.000 min

Lab File: BF090278.D

Acq: 28 Sep 2016 14:13

Instrument :

BNA_F

ClientSampleId :

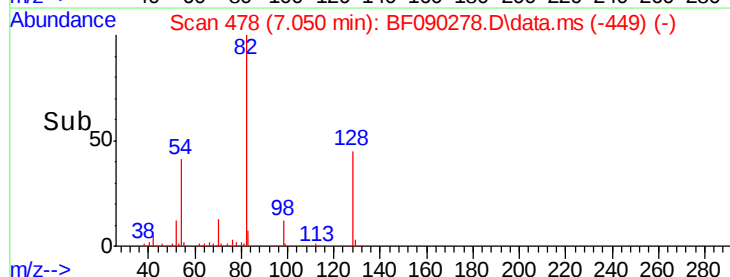
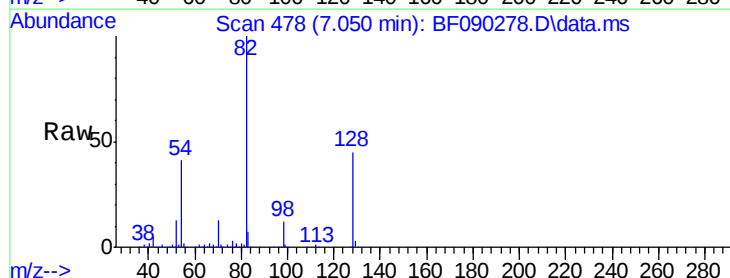
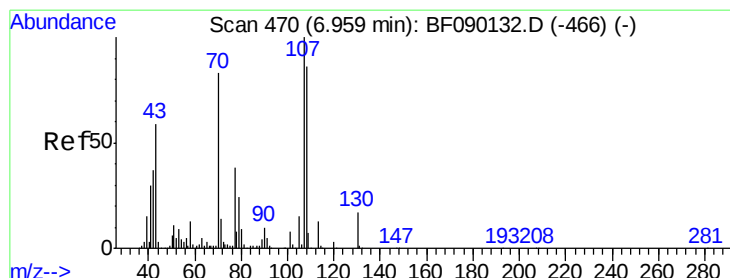
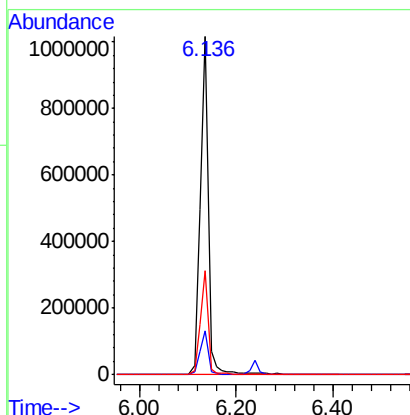
Tot Ion: 99 Resp: 1174505

Ion Ratio Lower Upper

99 100

42 13.1 10.6 15.8

71 30.6 23.0 34.6



#19

n-Nitroso-di-n-propylamine

Concen: 5.59 ng

RT: 7.050 min Scan# 478

Delta R.T. 0.137 min

Lab File: BF090278.D

Acq: 28 Sep 2016 14:13

Tgt Ion: 70 Resp: 93623

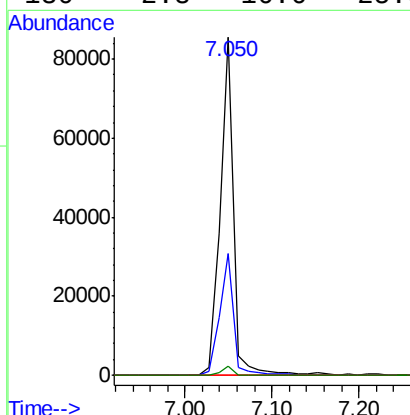
Ion Ratio Lower Upper

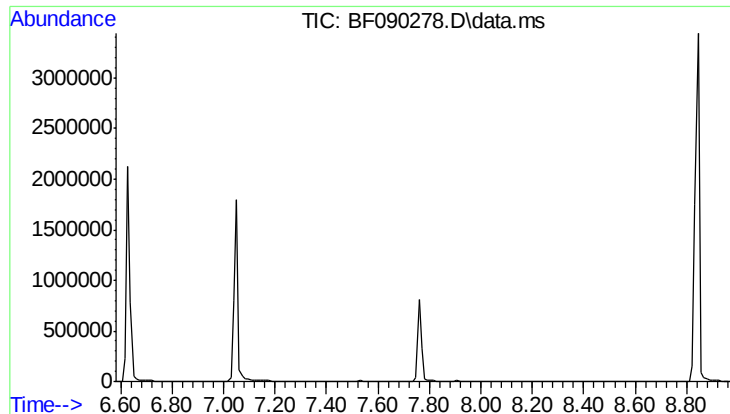
70 100

42 35.9 35.1 52.7

101 0.0 7.5 11.3#

130 2.8 16.6 25.0#

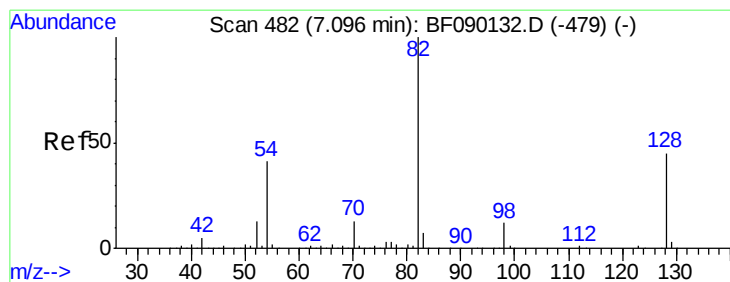
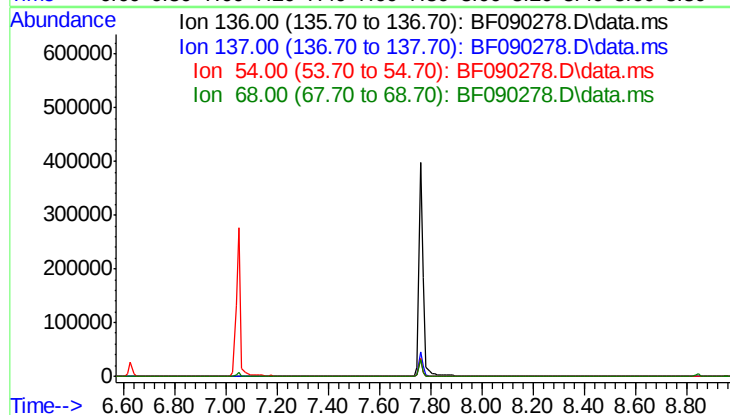




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.77 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

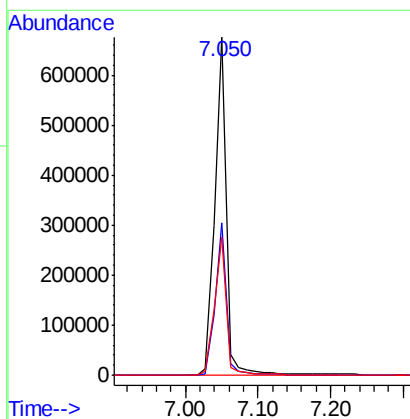
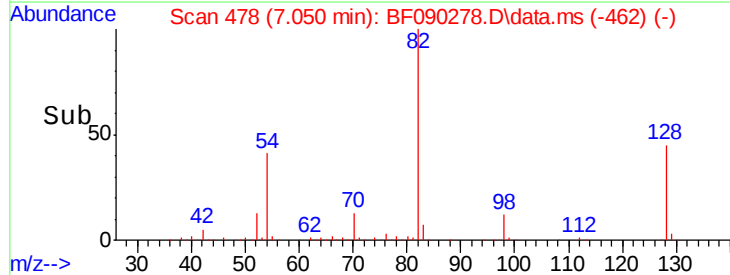
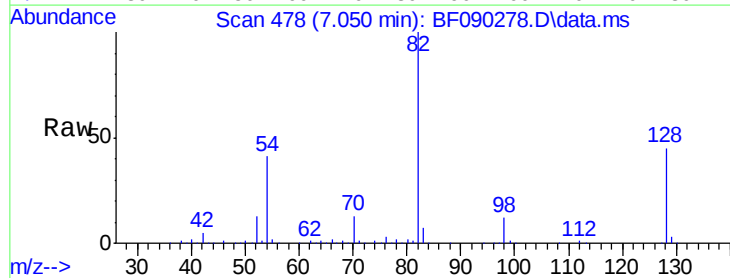
Instrument :
BNA_F
ClientSampleId :

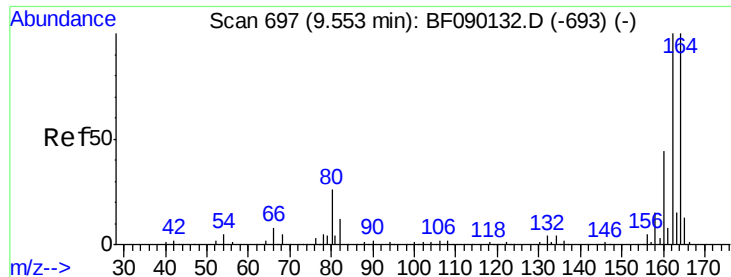
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 8.0
68 7.9



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.050 min Scan# 478
Delta R.T. -0.012 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

Tgt Ion: 82 Resp: 752232
Ion Ratio Lower Upper
82 100
128 45.1 37.5 56.3
54 40.8 31.9 47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.496 min Scan# 69

Delta R.T. -0.012 min

Lab File: BF090278.D

Acq: 28 Sep 2016 14:13

Instrument :

BNA_F

ClientSampled :

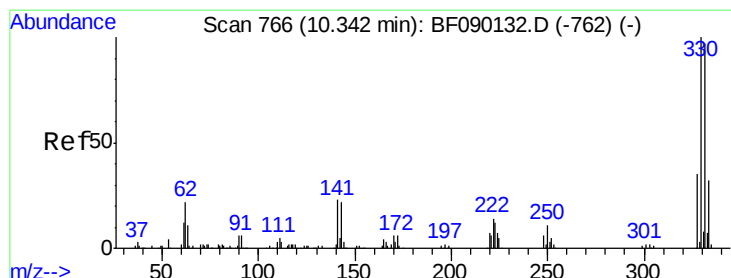
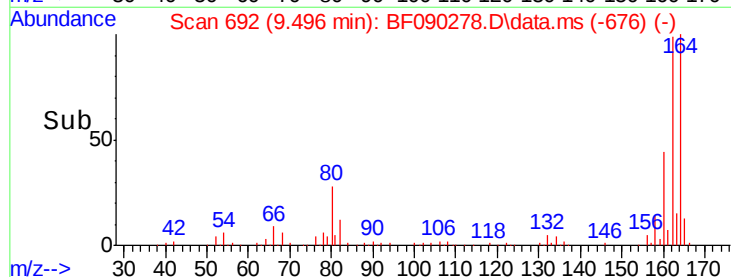
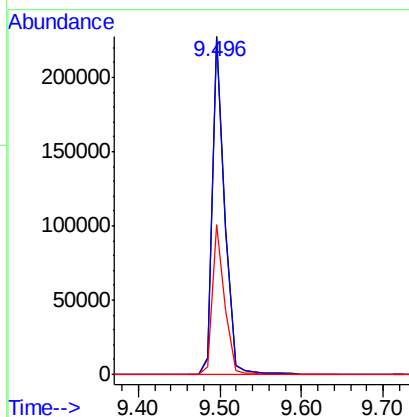
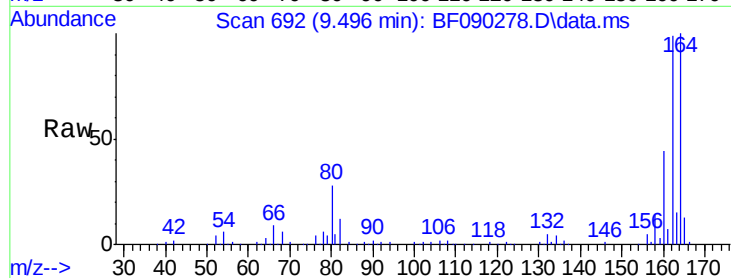
Tot Ion:164 Resp: 240979

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.2

160 44.2 36.6 54.8



#41

2,4,6-Tribromophenol

Concen: 121.80 ng

RT: 10.285 min Scan# 761

Delta R.T. -0.012 min

Lab File: BF090278.D

Acq: 28 Sep 2016 14:13

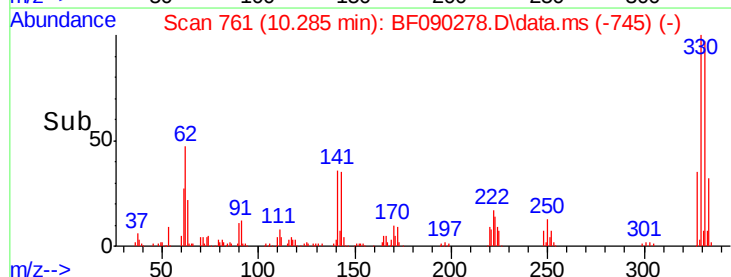
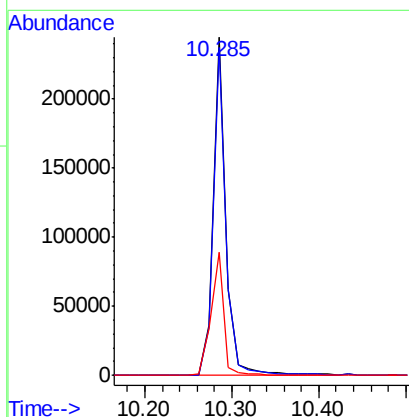
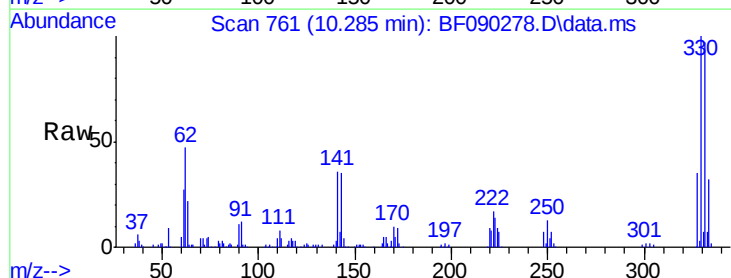
Tgt Ion:330 Resp: 251809

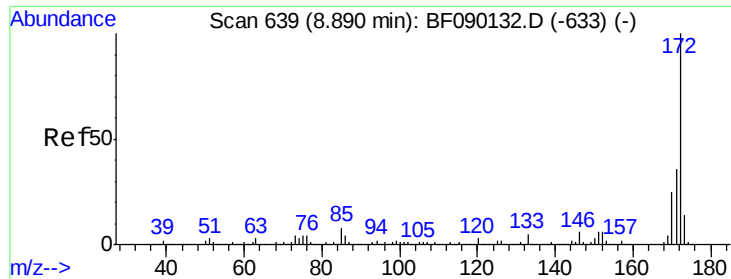
Ion Ratio Lower Upper

330 100

332 97.3 78.1 117.1

141 36.7 23.9 35.9#

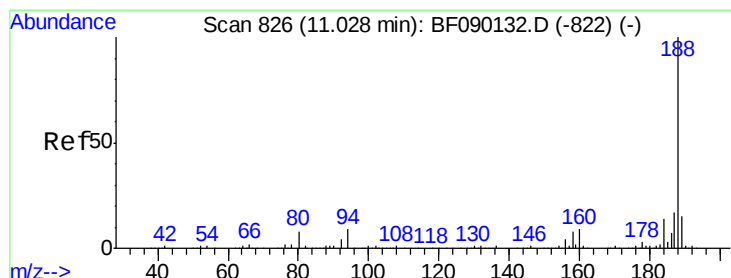
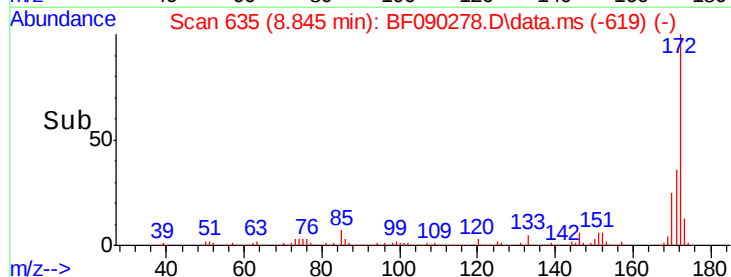
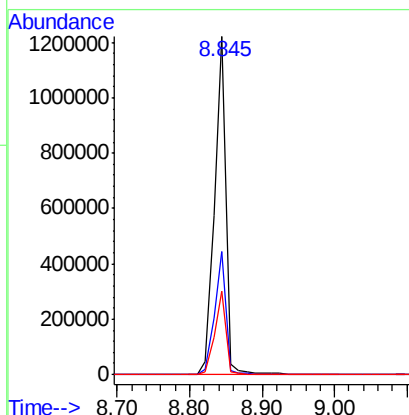
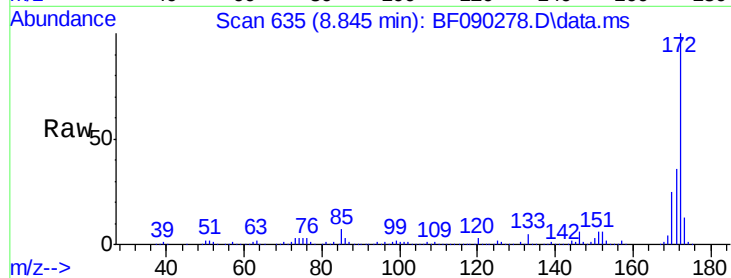




#44
2-Fluorobiphenyl
Concen: 108.28 ng
RT: 8.845 min Scan# 63
Delta R.T. -0.012 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

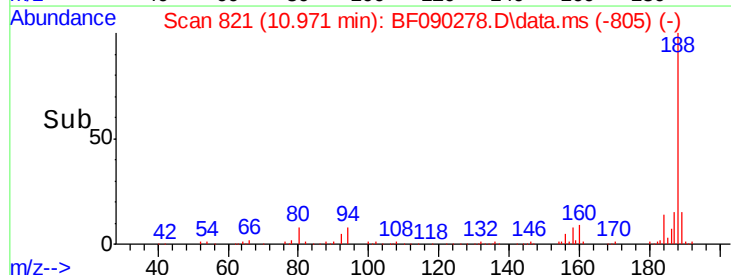
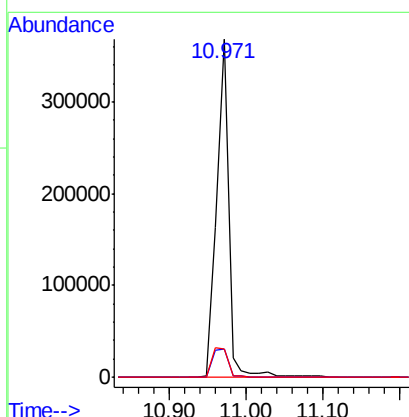
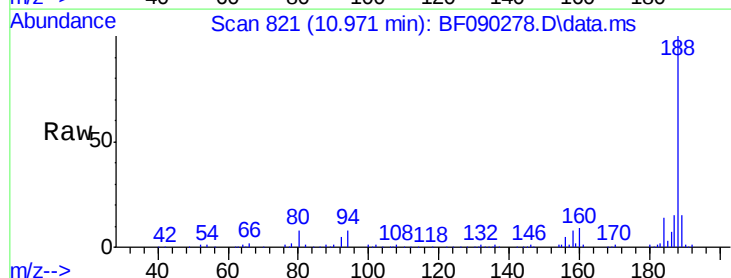
Instrument :
BNA_F
ClientSampled :

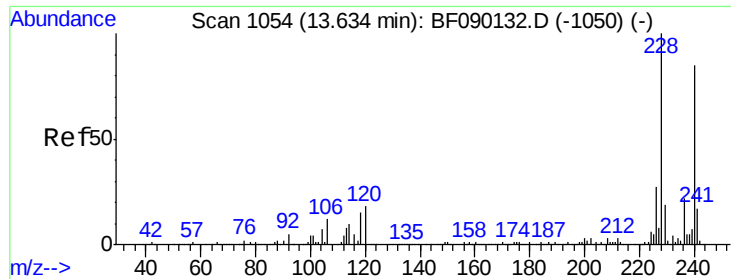
Tot Ion:172 Resp: 1329087
Ion Ratio Lower Upper
172 100
171 36.3 29.2 43.8
170 24.6 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.971 min Scan# 821
Delta R.T. -0.012 min
Lab File: BF090278.D
Acq: 28 Sep 2016 14:13

Tgt Ion:188 Resp: 402036
Ion Ratio Lower Upper
188 100
94 8.2 10.5 15.7#
80 8.4 11.2 16.8#

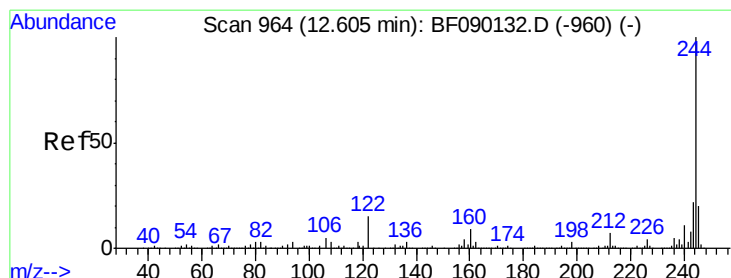
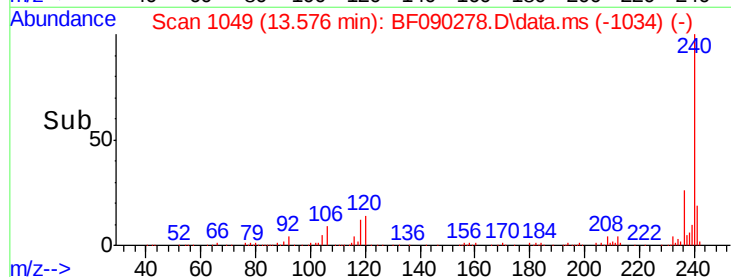
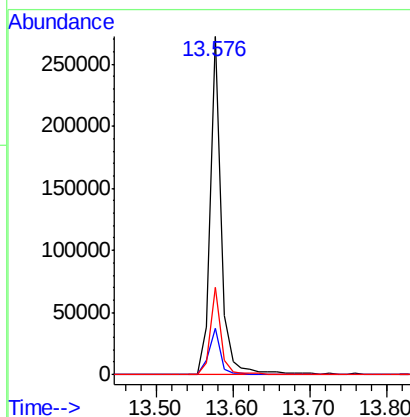
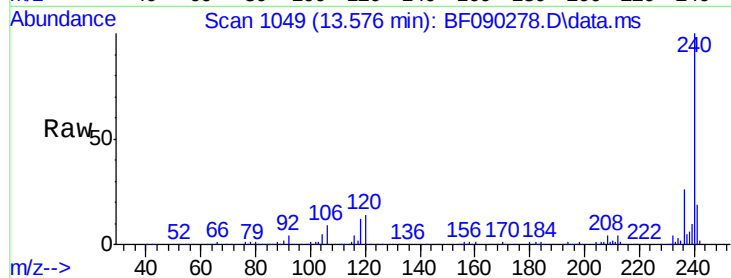




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.576 min Scan# 1054
 Delta R.T. -0.023 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

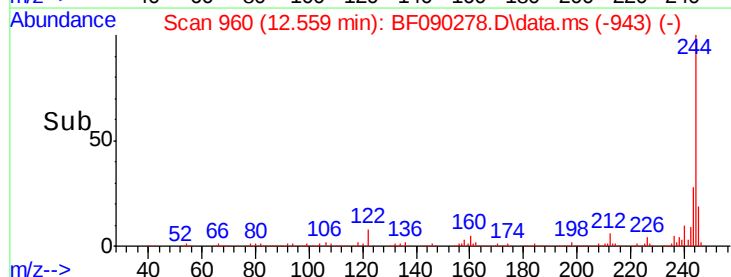
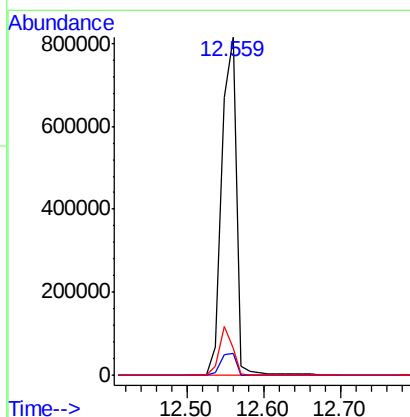
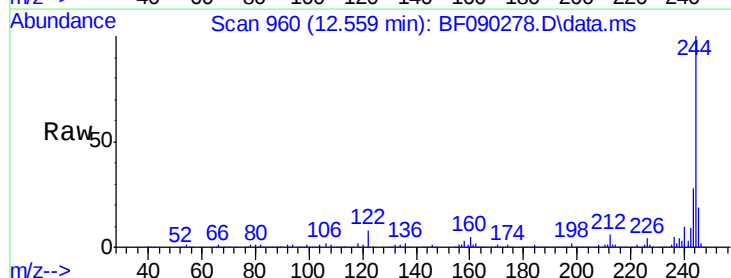
Instrument :
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 ClientSampleId :

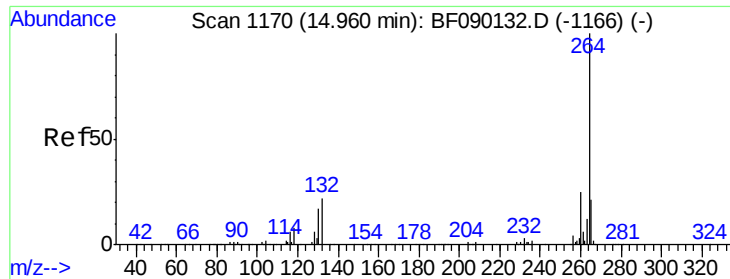
Tot Ion:240 Resp: 268949
 Ion Ratio Lower Upper
 240 100
 120 13.5 10.6 16.0
 236 25.6 21.6 32.4



#78
 Terphenyl-d14
 Concen: 104.39 ng
 RT: 12.559 min Scan# 960
 Delta R.T. -0.000 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

Tgt Ion:244 Resp: 1105879
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.8 8.8
 122 8.0 9.4 14.0#





#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 14.902 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF090278.D
 Acq: 28 Sep 2016 14:13

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	20.8	17.0	25.4

