

Data Path : Z:\HPCHEM1\BNA F\Data\BF092616\
 Data File : BF090225.D
 Acq On : 26 Sep 2016 17:02
 Operator : UM/SJ
 Sample : H4949-14
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 18:52:48 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

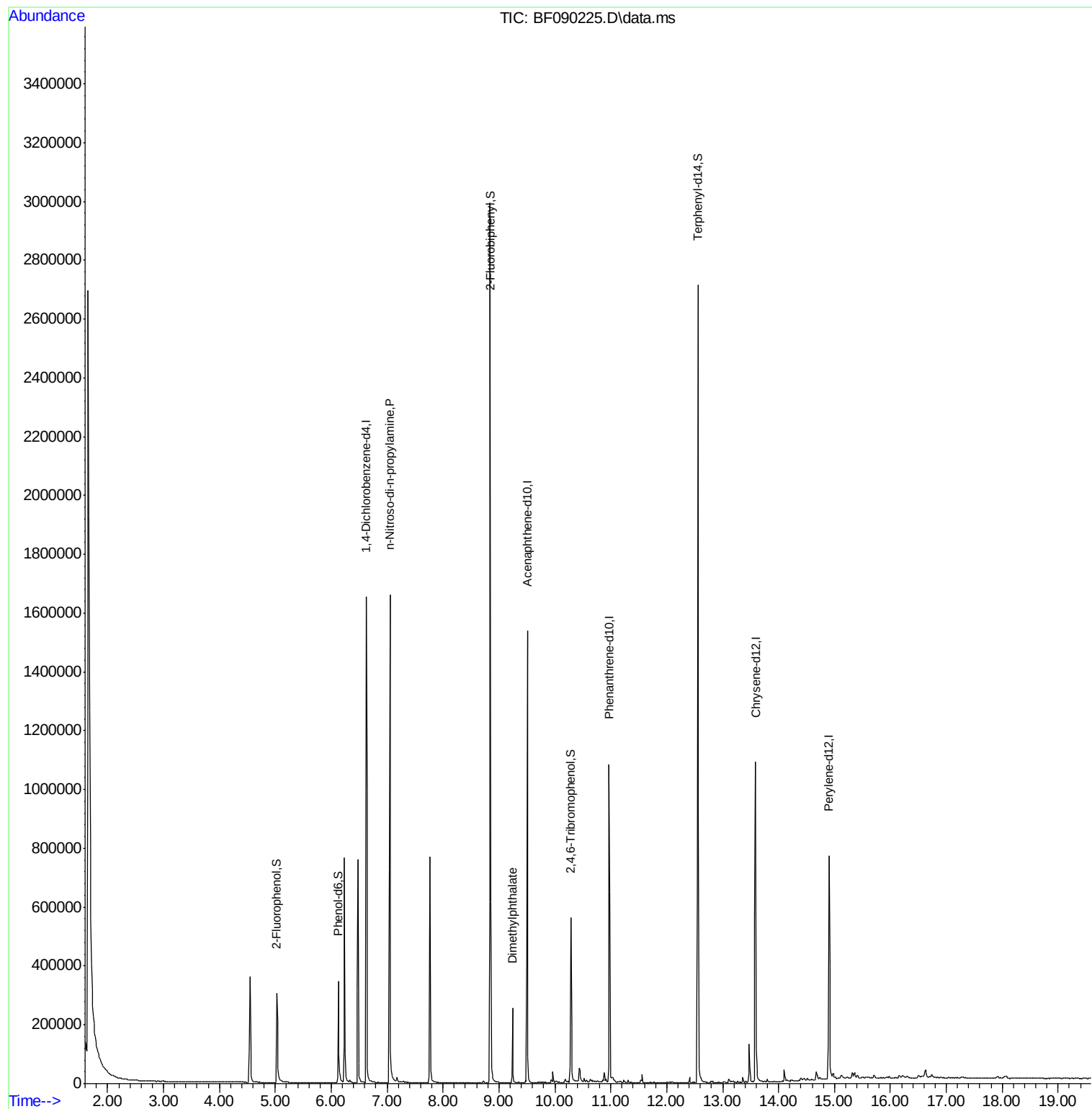
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.627	152	339455	20.00	ng	0.15
21) Naphthalene-d8	0.000	136	0	0.00	ng	-7.77
38) Acenaphthene-d10	9.508	164	350450	20.00	ng	0.00
63) Phenanthrene-d10	10.971	188	526926	20.00	ng	-0.01
75) Chrysene-d12	13.588	240	466234	20.00	ng	-0.01
86) Perylene-d12	14.902	264	339497	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.027	112	152167	7.31	ng	0.00
7) Phenol-d6	6.124	99	165751	6.44	ng	-0.01
23) Nitrobenzene-d5	7.050	82	697143	0.00	ng	-0.01
41) 2,4,6-Tribromophenol	10.285	330	80825	26.88	ng	-0.01
44) 2-Fluorobiphenyl	8.845	172	1054864	59.09	ng	-0.01
78) Terphenyl-d14	12.559	244	1025319	55.83	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.050	70	88176	5.84	ng	Qvalue # 78
49) Dimethylphthalate	9.245	163	108254	4.85	ng	100

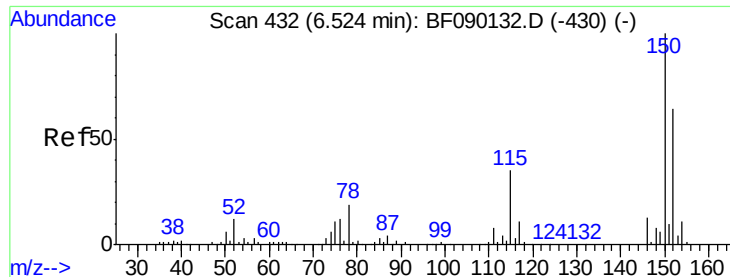
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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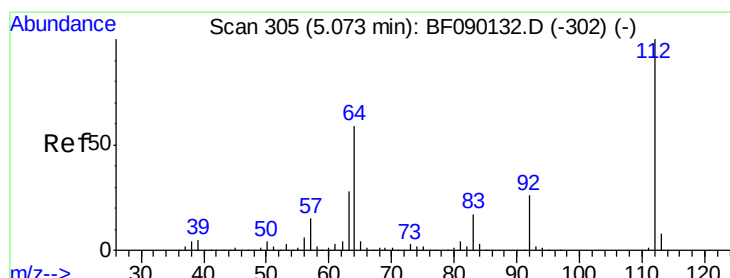
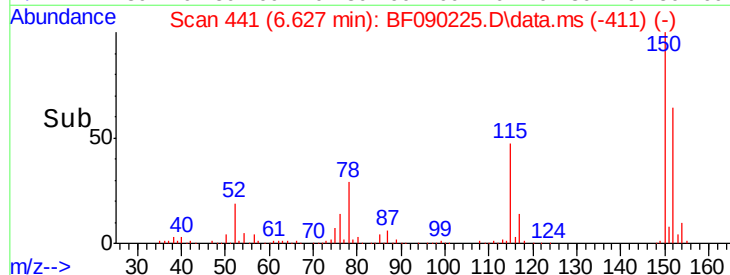
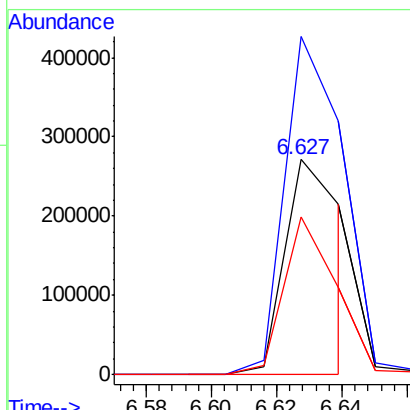
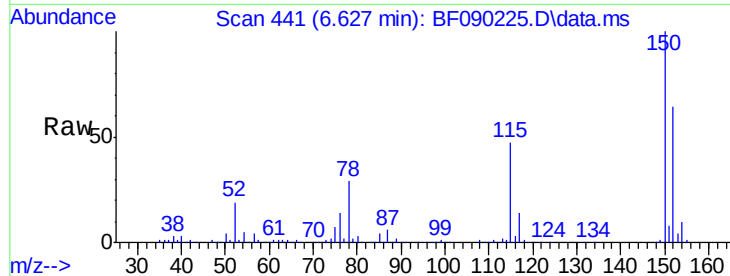




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.627 min Scan# 441
Delta R.T. 0.149 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

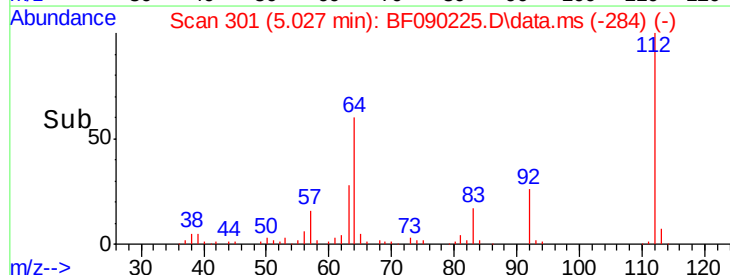
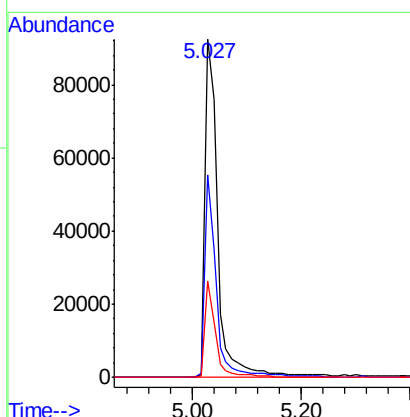
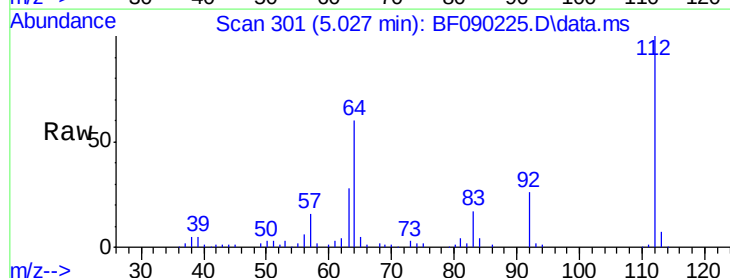
Instrument :
BNA_F
ClientSampleId :

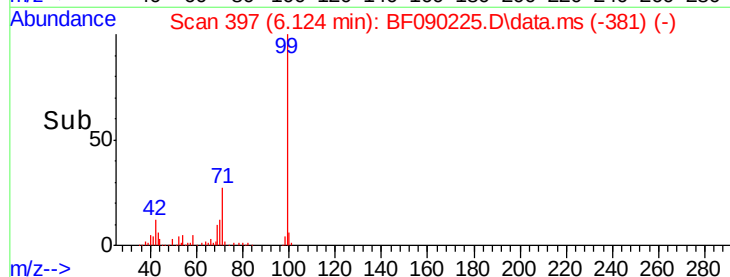
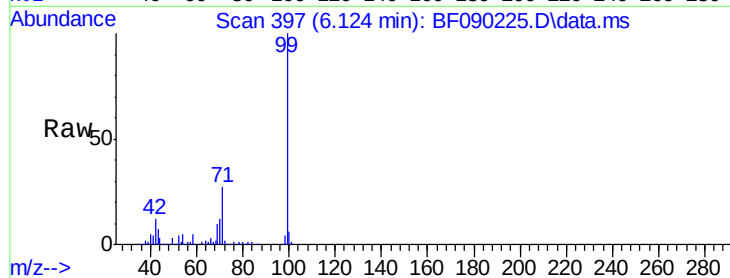
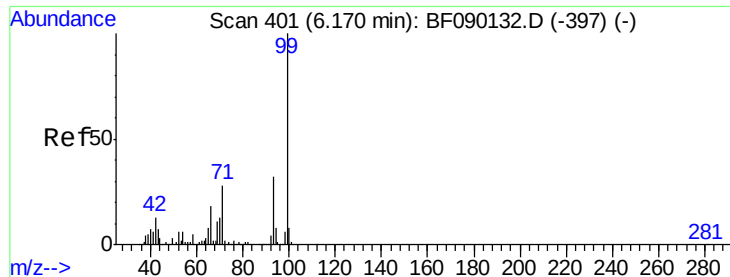
Tot Ion:152 Resp: 339455
Ion Ratio Lower Upper
152 100
150 157.5 128.9 193.3
115 73.5 55.5 83.3



#5
2-Fluorophenol
Concen: 7.31 ng
RT: 5.027 min Scan# 301
Delta R.T. -0.000 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

Tgt Ion:112 Resp: 152167
Ion Ratio Lower Upper
112 100
64 59.7 39.8 59.6#
63 28.3 18.9 28.3

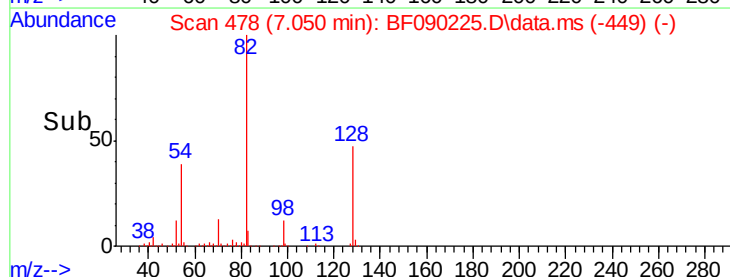
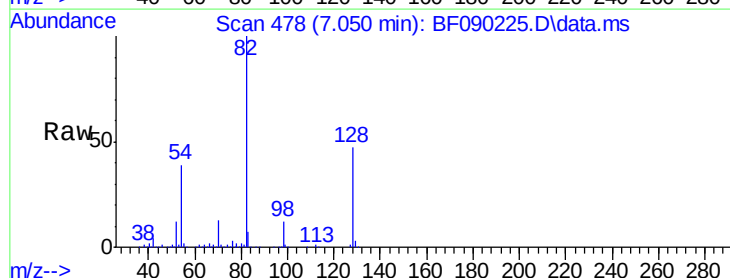
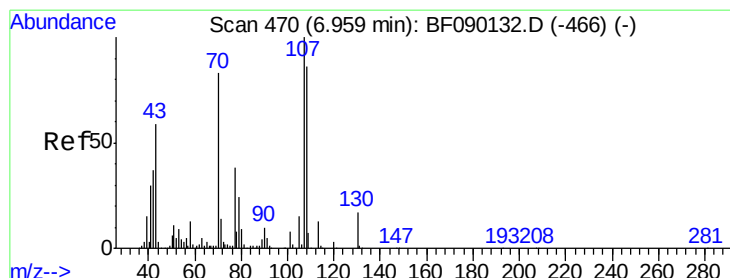
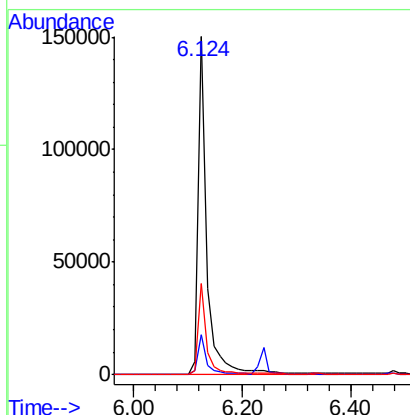




#7
Phenol-d6
Concen: 6.44 ng
RT: 6.124 min Scan# 397
Delta R.T. -0.011 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

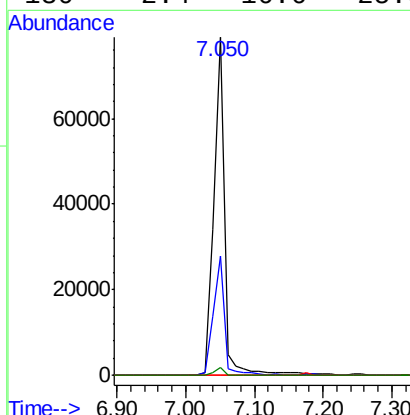
Instrument :
BNA_F
ClientSampled :

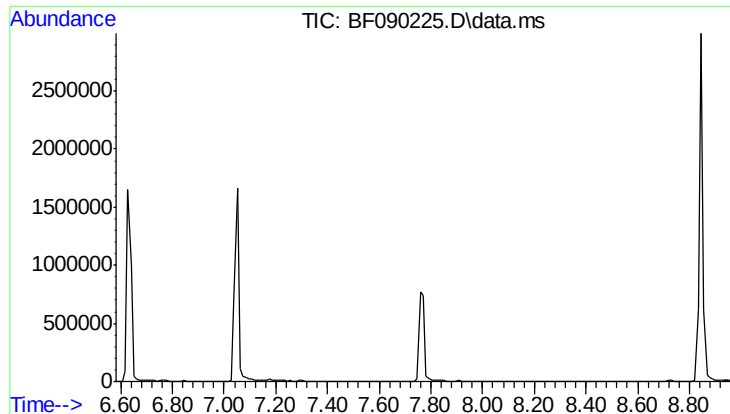
Tot Ion	Ratio	Lower	Upper
99	100		
42	11.9	10.6	15.8
71	27.0	23.0	34.6



#19
n-Nitroso-di-n-propylamine
Concen: 5.84 ng
RT: 7.050 min Scan# 478
Delta R.T. 0.137 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

Tgt Ion	Ratio	Lower	Upper
70	100		
42	35.2	35.1	52.7
101	0.0	7.5	11.3#
130	2.4	16.6	25.0#

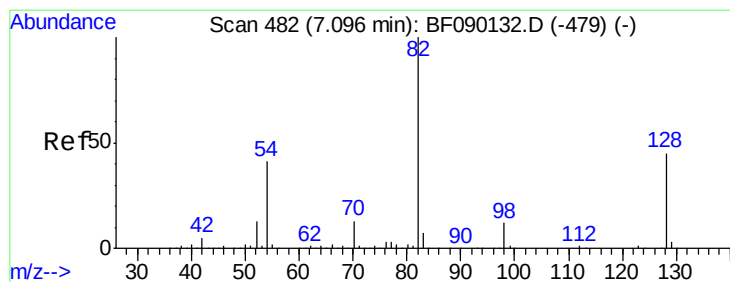
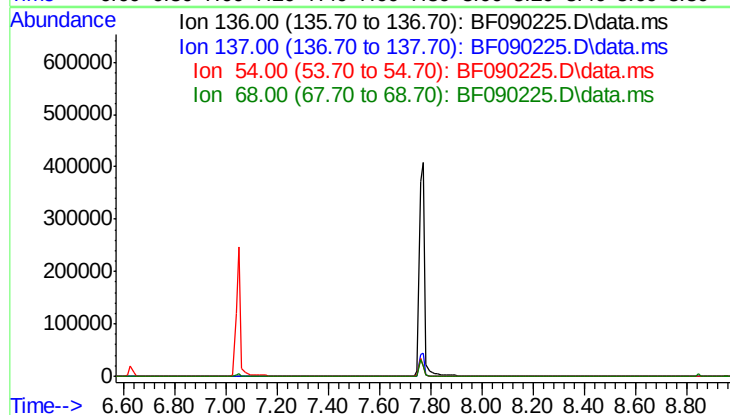




#21
Naphthalene-d8
Concen: 0.00 ng
Expected RT: 7.77 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

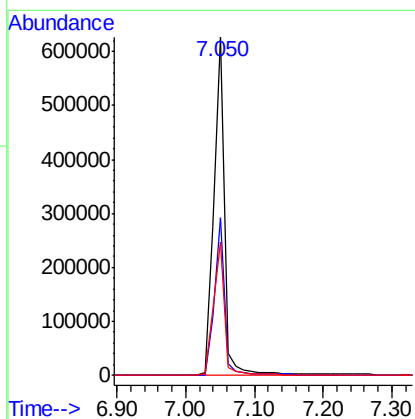
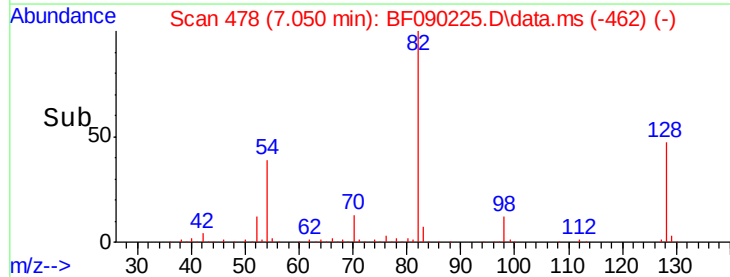
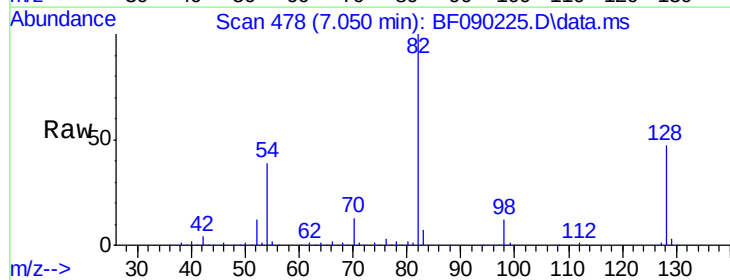
Instrument :
BNA_F
ClientSampleId :

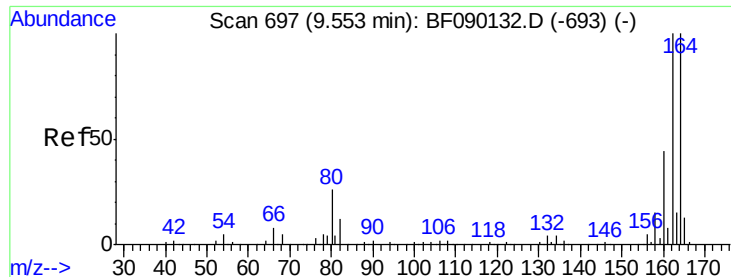
Tot Ion: 136
Sig Exp Ratio
136 100
137 11.2
54 8.0
68 7.9



#23
Nitrobenzene-d5
Concen: 0.00 ng
RT: 7.050 min Scan# 478
Delta R.T. -0.011 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

Tgt Ion: 82 Resp: 697143
Ion Ratio Lower Upper
82 100
128 46.6 37.5 56.3
54 39.5 31.9 47.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.508 min Scan# 69

Delta R.T. -0.000 min

Lab File: BF090225.D

Acq: 26 Sep 2016 17:02

Instrument :

BNA_F

ClientSampleId :

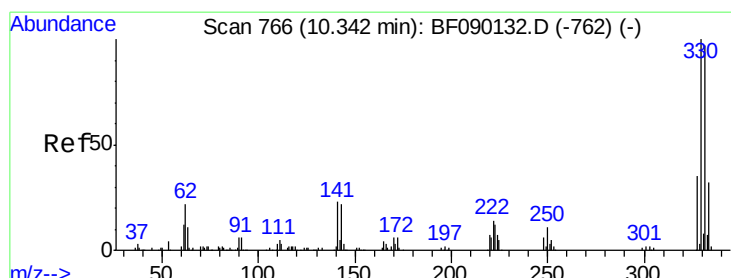
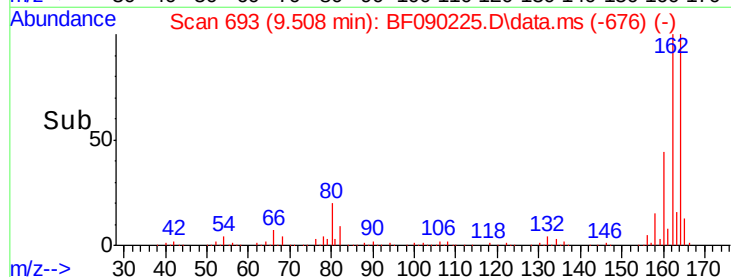
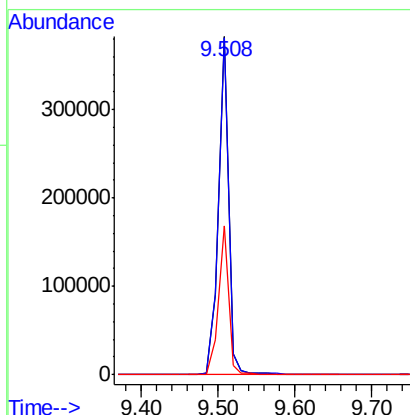
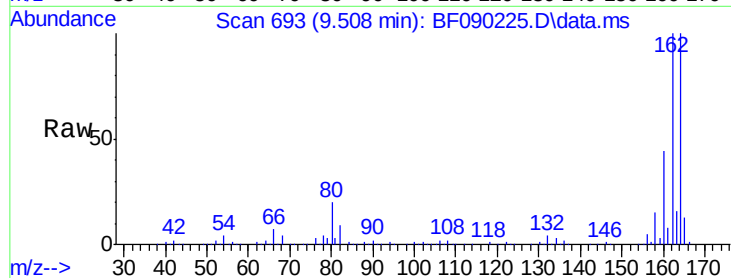
Tot Ion:164 Resp: 350450

Ion Ratio Lower Upper

164 100

162 99.7 81.4 122.2

160 44.0 36.6 54.8



#41

2,4,6-Tribromophenol

Concen: 26.88 ng

RT: 10.285 min Scan# 761

Delta R.T. -0.011 min

Lab File: BF090225.D

Acq: 26 Sep 2016 17:02

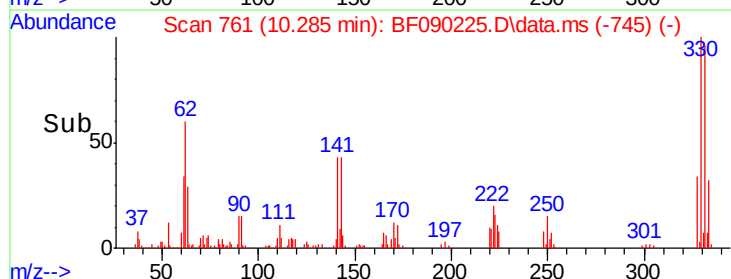
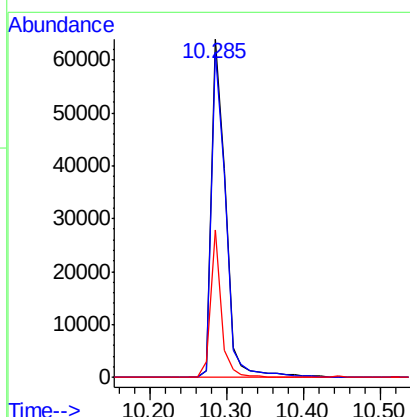
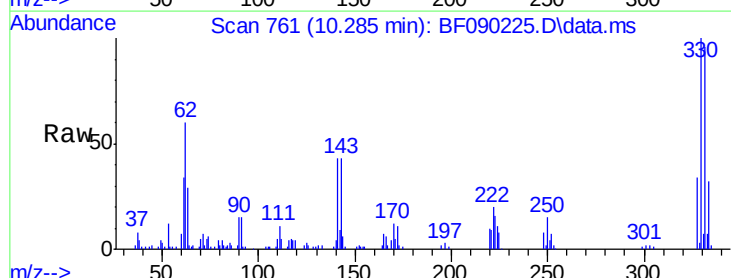
Tgt Ion:330 Resp: 80825

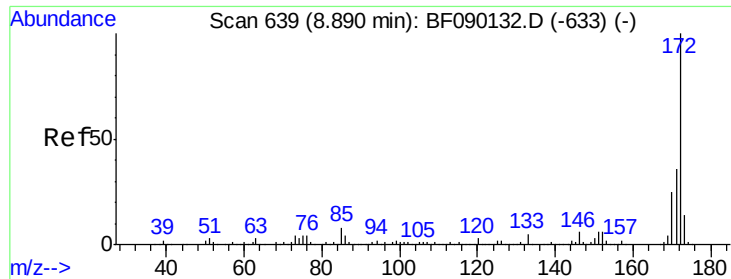
Ion Ratio Lower Upper

330 100

332 97.1 78.1 117.1

141 32.6 23.9 35.9

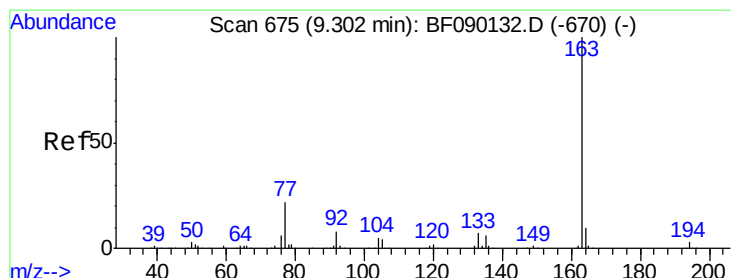
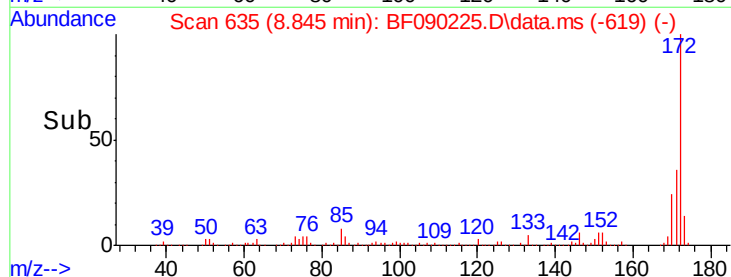
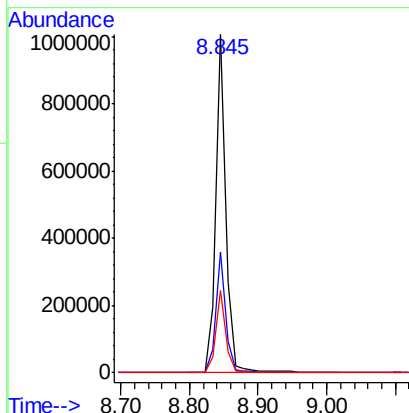
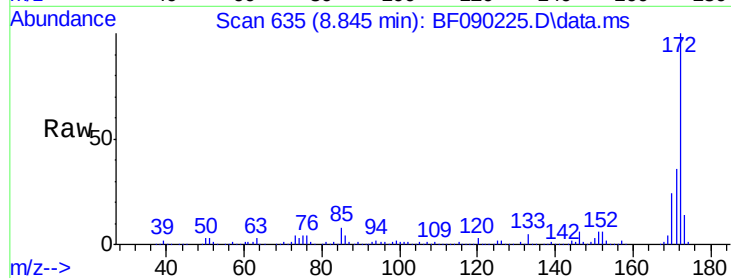




#44
2-Fluorobiphenyl
Concen: 59.09 ng
RT: 8.845 min Scan# 63
Delta R.T. -0.011 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

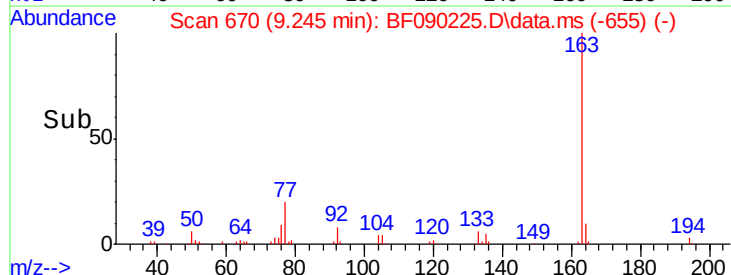
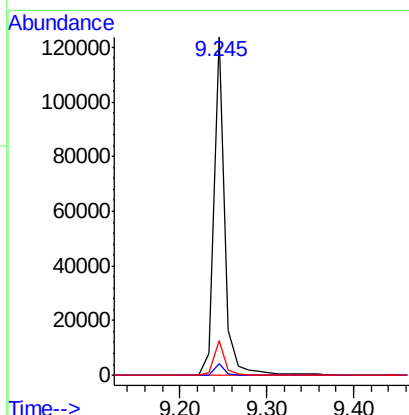
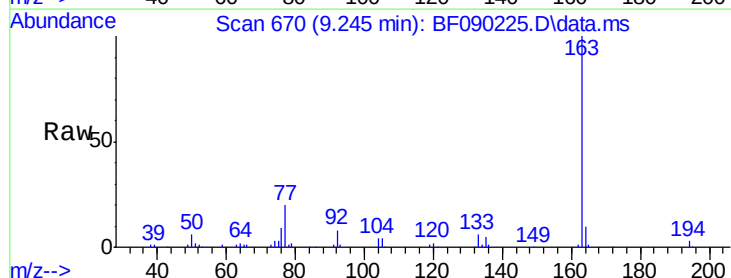
Instrument :
BNA_F
ClientSampled :

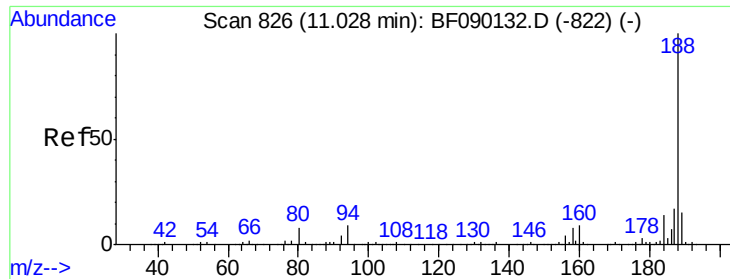
Tot Ion:172 Resp: 1054864
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 4.85 ng
RT: 9.245 min Scan# 670
Delta R.T. -0.023 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

Tgt Ion:163 Resp: 108254
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 10.2 8.1 12.1

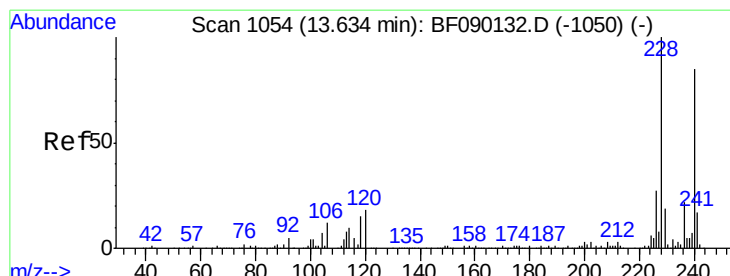
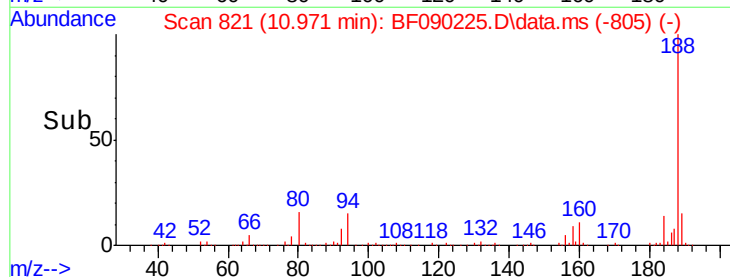
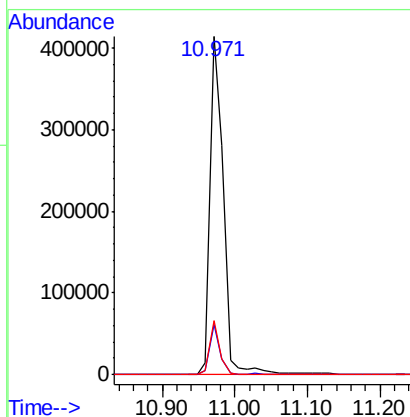
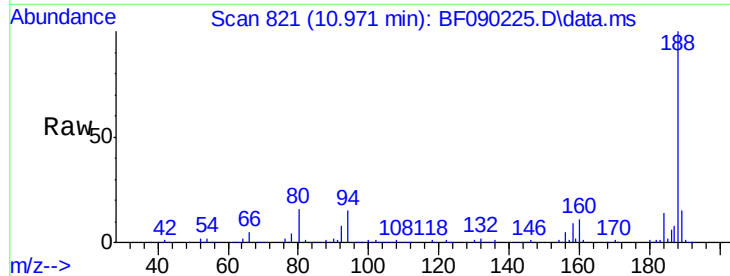




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.971 min Scan# 821
Delta R.T. -0.011 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

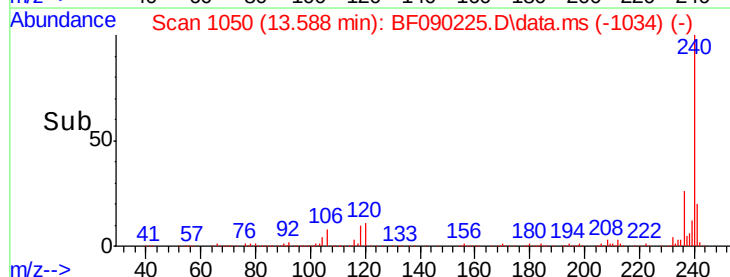
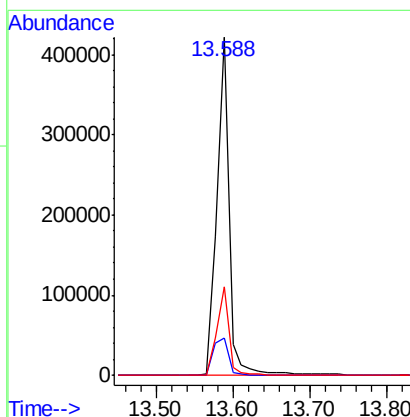
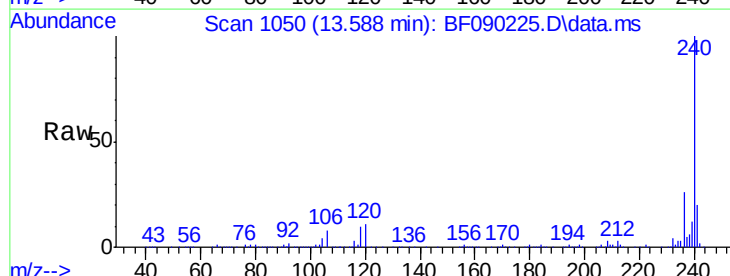
Instrument :
BNA_F
ClientSampleId :

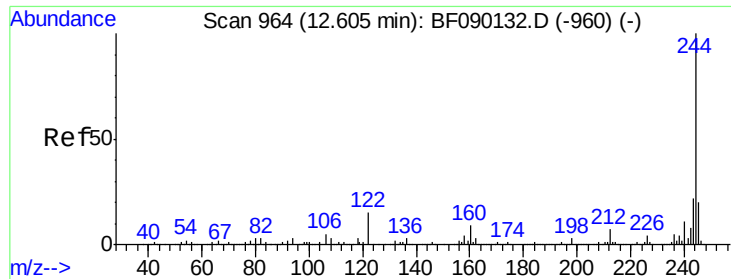
Tot Ion	Ratio	Lower	Upper
188	100		
94	14.7	10.5	15.7
80	15.8	11.2	16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.588 min Scan# 1050
Delta R.T. -0.011 min
Lab File: BF090225.D
Acq: 26 Sep 2016 17:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.1	10.6	16.0
236	26.0	21.6	32.4





#78

Terphenyl-d14

Concen: 55.83 ng

RT: 12.559 min Scan# 96

Delta R.T. -0.000 min

Lab File: BF090225.D

Acq: 26 Sep 2016 17:02

Instrument :

BNA_F

ClientSampleId :

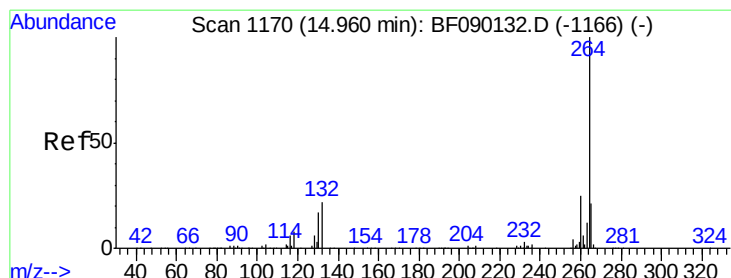
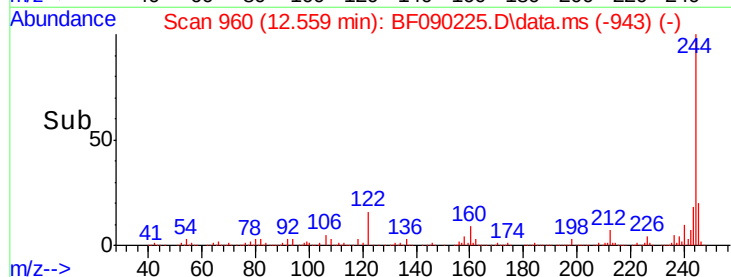
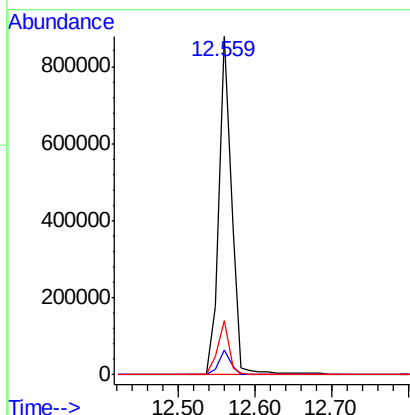
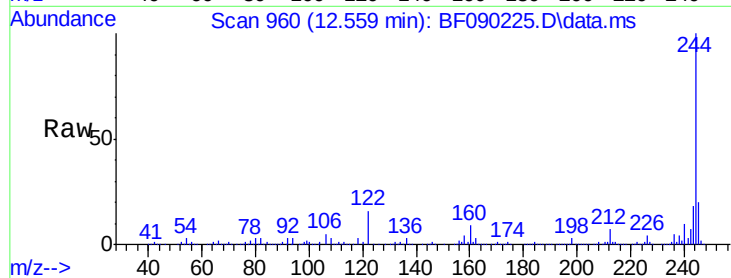
Tot Ion:244 Resp: 1025319

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.8

122 15.8 9.4 14.0#



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.902 min Scan# 1165

Delta R.T. -0.011 min

Lab File: BF090225.D

Acq: 26 Sep 2016 17:02

Tgt Ion:264 Resp: 339497

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

265 21.9 17.0 25.4

