

Data Path : Z:\HPCHEM1\BNA F\Data\BF092616\
 Data File : BF090226.D
 Acq On : 26 Sep 2016 17:29
 Operator : UM/SJ
 Sample : H4949-15
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Sep 26 18:53:02 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

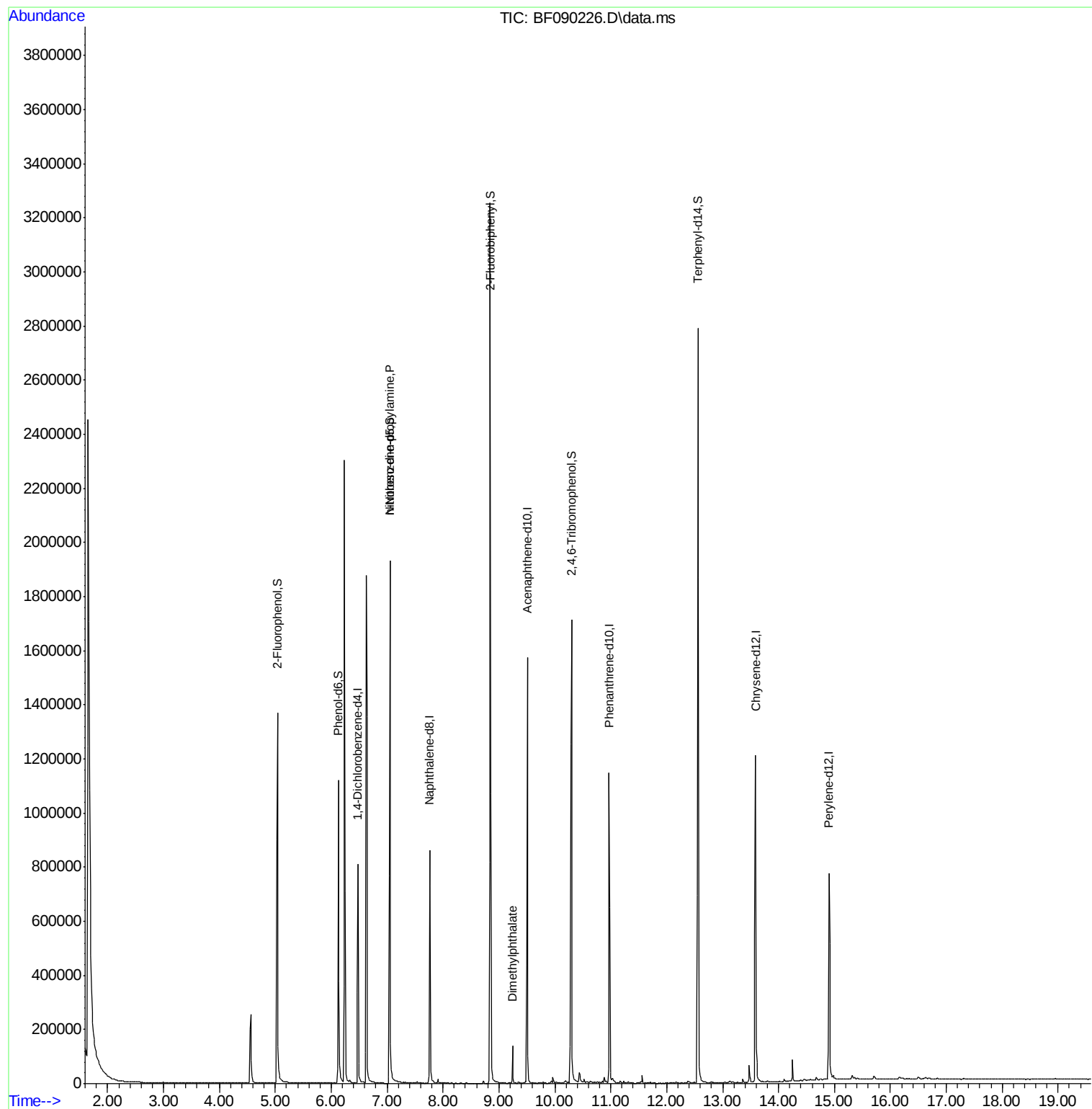
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.479	152	156715	20.00	ng	0.00
21) Naphthalene-d8	7.759	136	619271	20.00	ng	-0.01
38) Acenaphthene-d10	9.508	164	363743	20.00	ng	0.00
63) Phenanthrene-d10	10.971	188	544922	20.00	ng	-0.01
75) Chrysene-d12	13.588	240	498338	20.00	ng	-0.01
86) Perylene-d12	14.902	264	376637	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.039	112	582233	60.56	ng	0.01
7) Phenol-d6	6.124	99	503956	42.44	ng	-0.01
23) Nitrobenzene-d5	7.050	82	786941	73.66	ng	-0.01
41) 2,4,6-Tribromophenol	10.296	330	324839	104.09	ng	0.00
44) 2-Fluorobiphenyl	8.845	172	1297871	70.05	ng	-0.01
78) Terphenyl-d14	12.559	244	1307589	66.62	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.050	70	93408	13.39	ng	Qvalue # 79
49) Dimethylphthalate	9.245	163	60285	2.60	ng	100

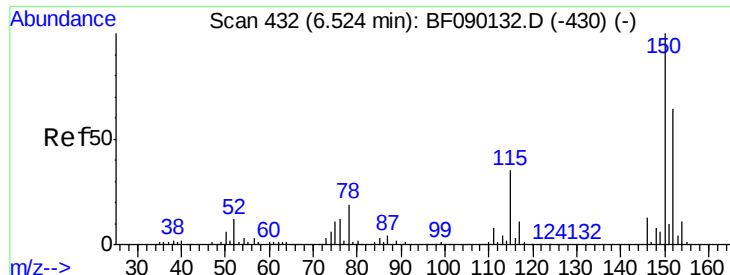
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.479 min Scan# 42

Delta R.T. -0.000 min

Lab File: BF090226.D

Acq: 26 Sep 2016 17:29

Instrument :

BNA_F

ClientSampleId :

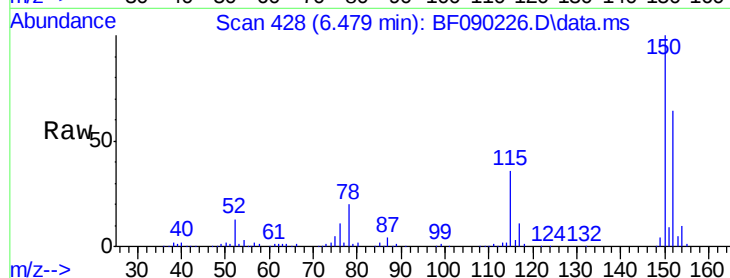
Tot Ion:152 Resp: 156715

Ion Ratio Lower Upper

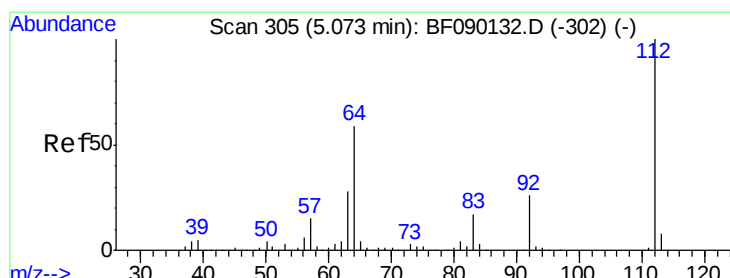
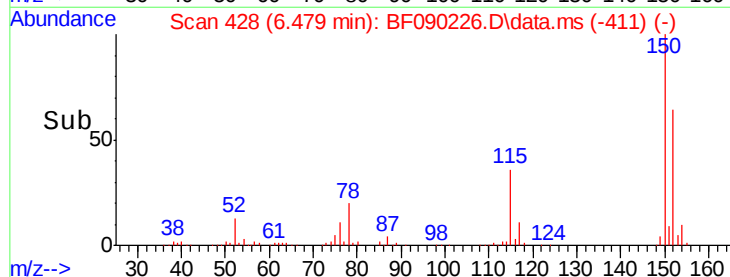
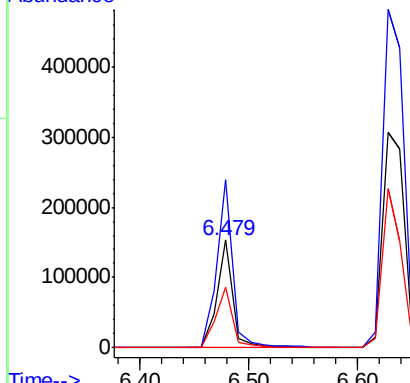
152 100

150 156.9 128.9 193.3

115 56.1 55.5 83.3



Abundance



#5

2-Fluorophenol

Concen: 60.56 ng

RT: 5.039 min Scan# 302

Delta R.T. 0.011 min

Lab File: BF090226.D

Acq: 26 Sep 2016 17:29

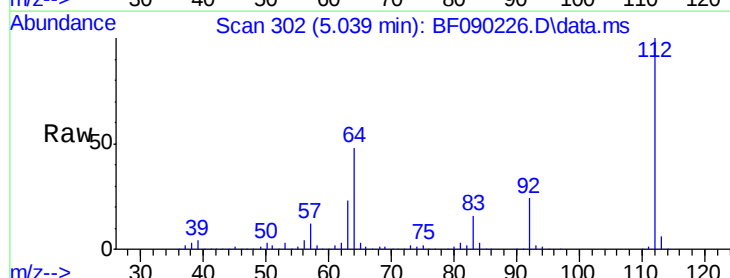
Tgt Ion:112 Resp: 582233

Ion Ratio Lower Upper

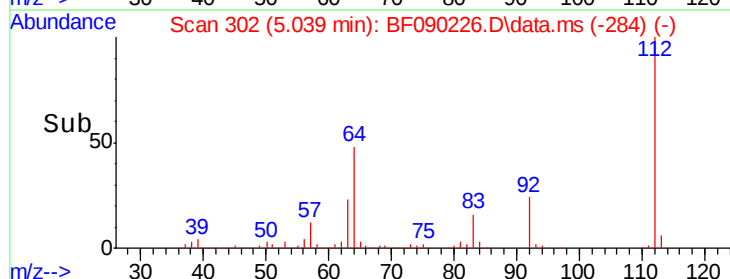
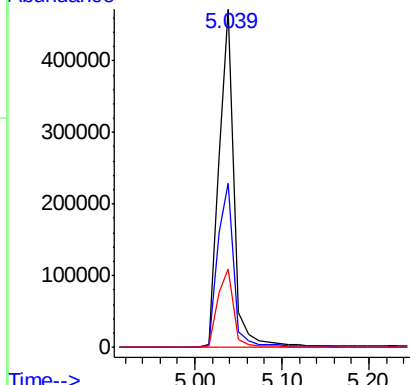
112 100

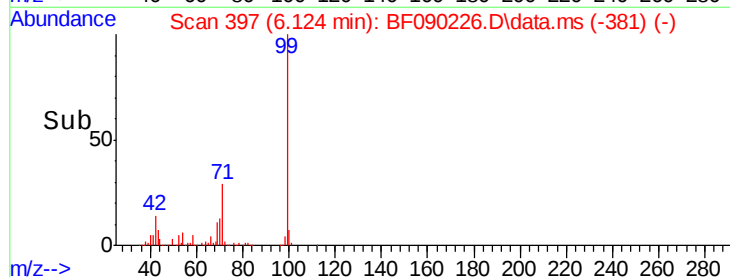
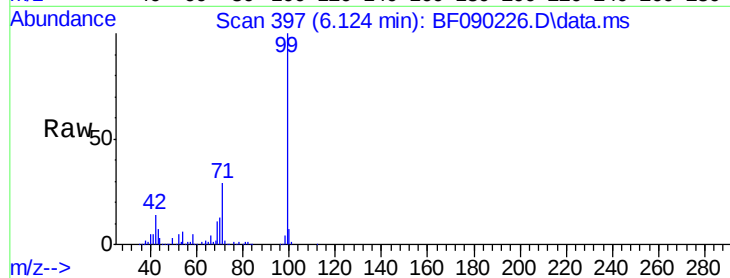
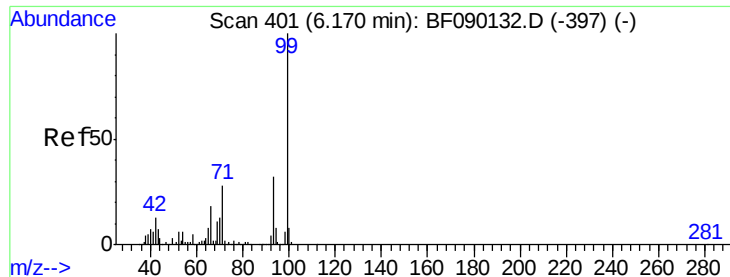
64 48.4 39.8 59.6

63 23.1 18.9 28.3



Abundance

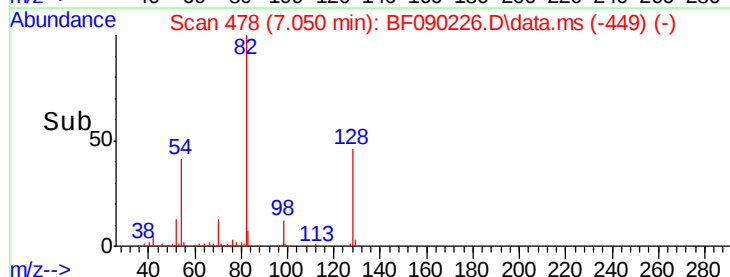
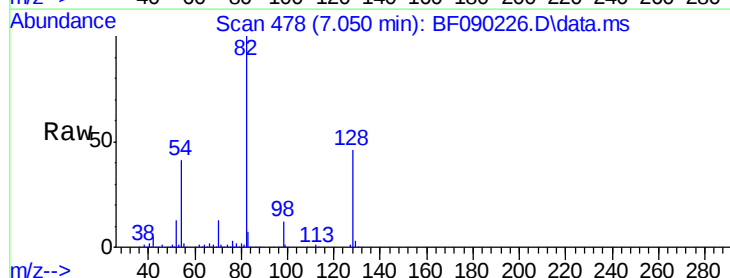
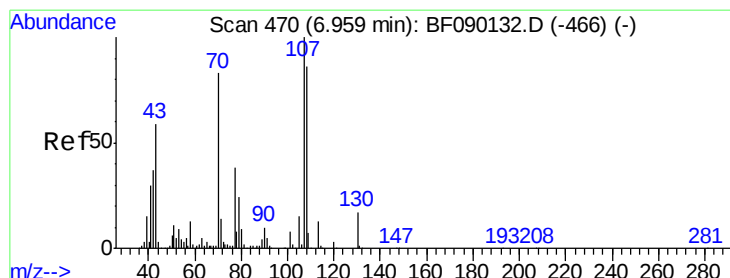
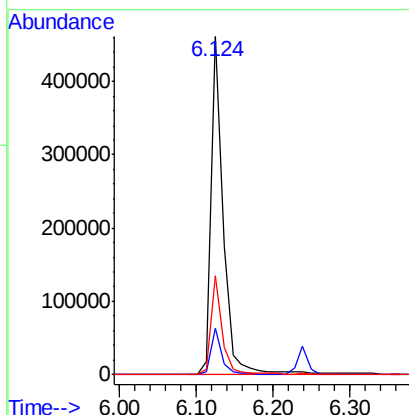




#7
Phenol-d6
Concen: 42.44 ng
RT: 6.124 min Scan# 397
Delta R.T. -0.011 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

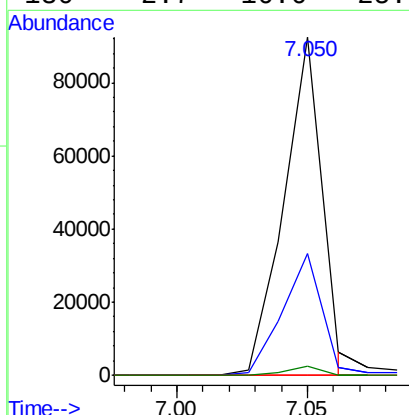
Instrument :
BNA_F
ClientSampleId :

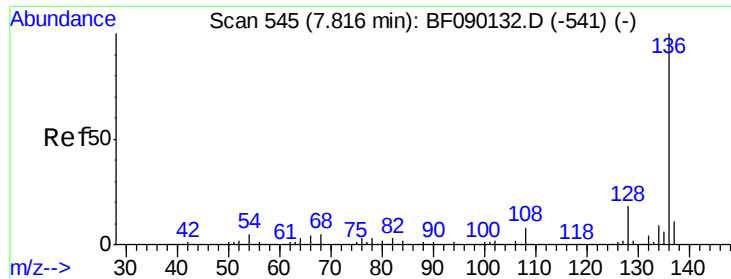
Tot Ion	Ratio	Lower	Upper
99	100		
42	13.8	10.6	15.8
71	29.2	23.0	34.6



#19
n-Nitroso-di-n-propylamine
Concen: 13.39 ng
RT: 7.050 min Scan# 478
Delta R.T. 0.137 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

Tgt Ion	Ratio	Lower	Upper
70	100		
42	36.0	35.1	52.7
101	0.0	7.5	11.3#
130	2.7	16.6	25.0#

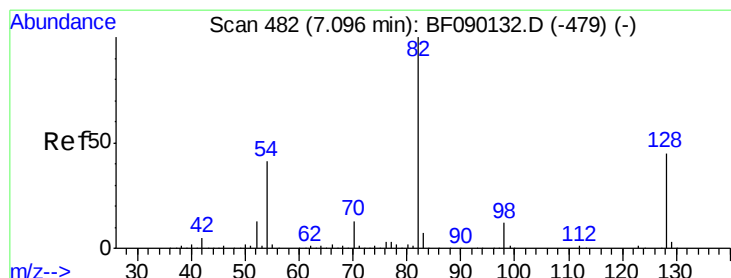
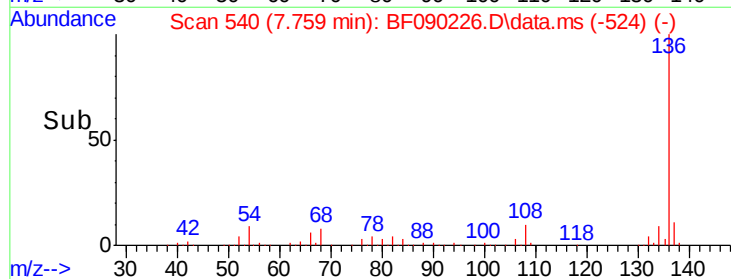
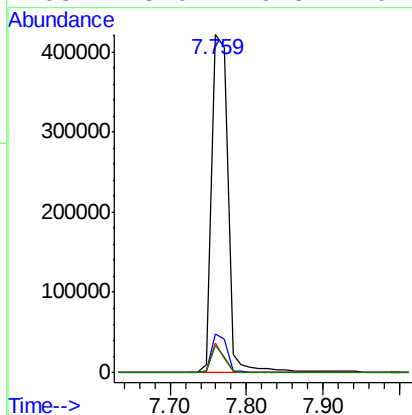
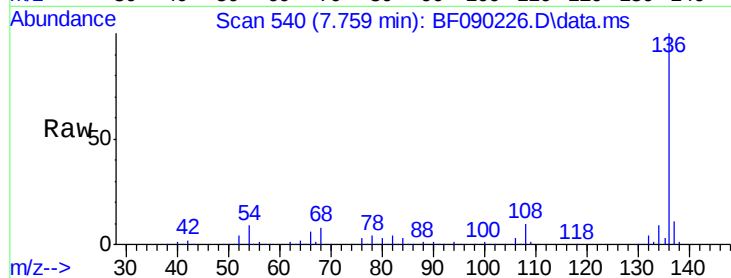




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.759 min Scan# 541
Delta R.T. -0.011 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

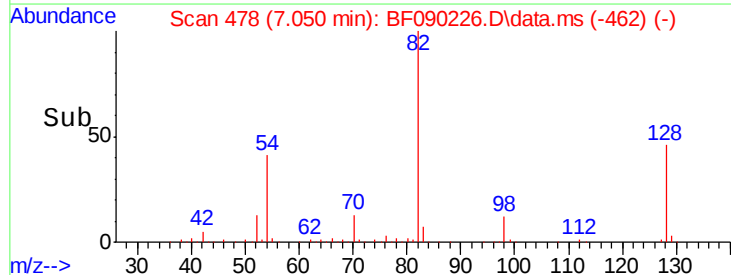
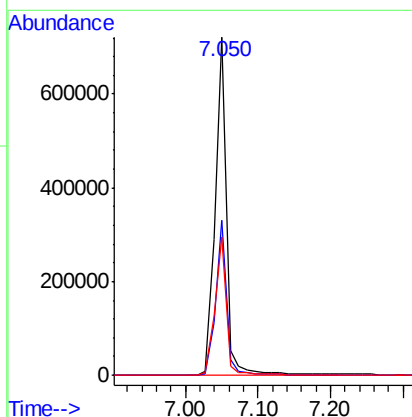
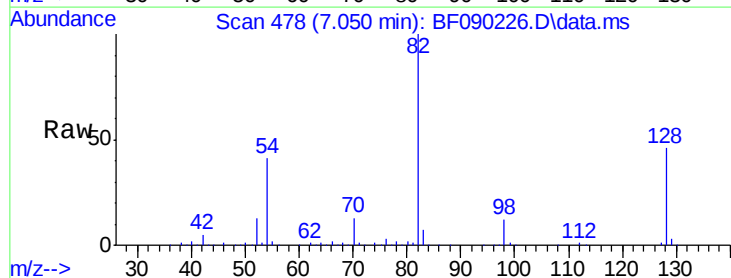
Instrument :
BNA_F
ClientSampleId :

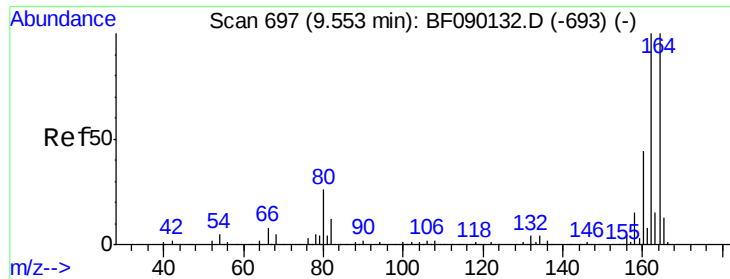
Tot Ion:	136	Resp:	619271
Ion Ratio	Lower	Upper	
136	100		
137	11.4	9.0	13.4
54	8.7	6.4	9.6
68	8.0	6.3	9.5



#23
Nitrobenzene-d5
Concen: 73.66 ng
RT: 7.050 min Scan# 478
Delta R.T. -0.011 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

Tgt Ion:	82	Resp:	786941
Ion Ratio	Lower	Upper	
82	100		
128	45.8	37.5	56.3
54	41.1	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: BF090226.D

Acq: 26 Sep 2016 17:29

Instrument :

BNA_F

ClientSampleId :

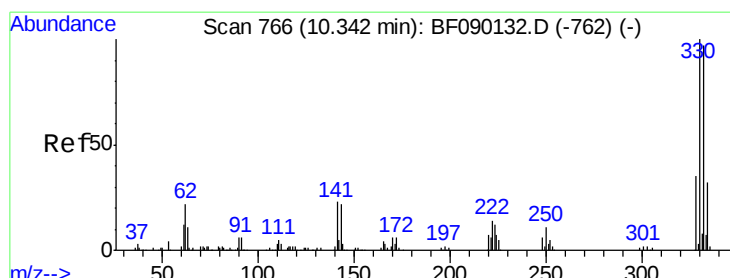
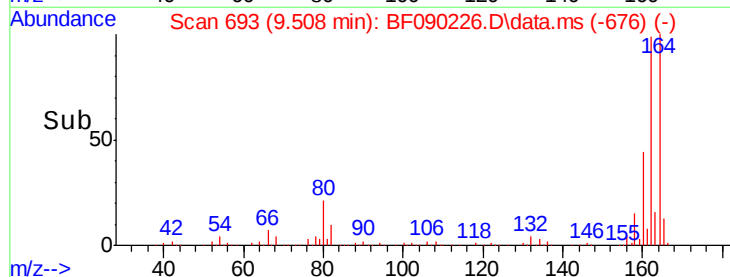
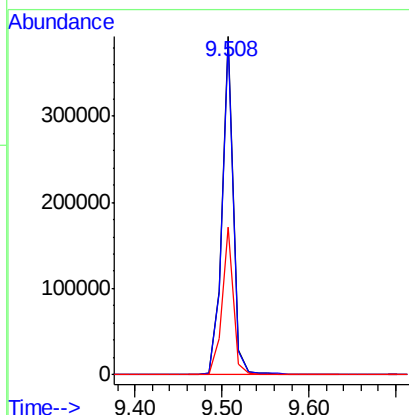
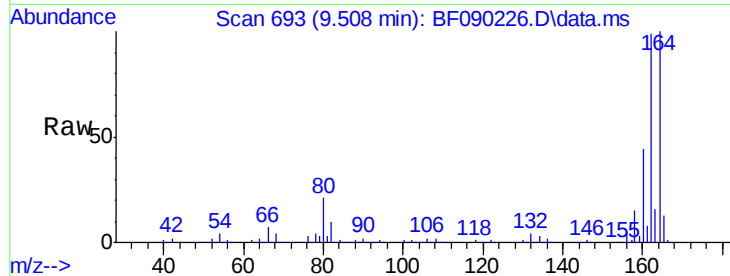
Tot Ion:164 Resp: 363743

Ion Ratio Lower Upper

164 100

162 98.6 81.4 122.2

160 43.8 36.6 54.8



#41

2,4,6-Tribromophenol

Concen: 104.09 ng

RT: 10.296 min Scan# 762

Delta R.T. 0.000 min

Lab File: BF090226.D

Acq: 26 Sep 2016 17:29

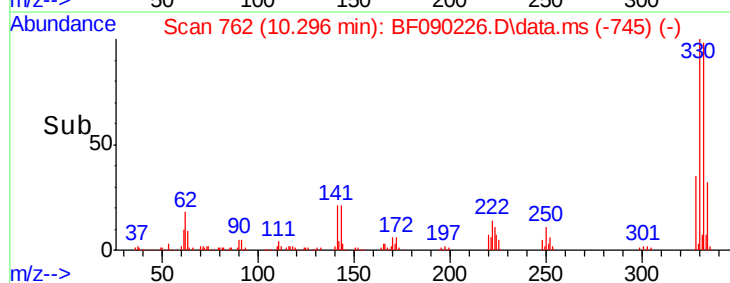
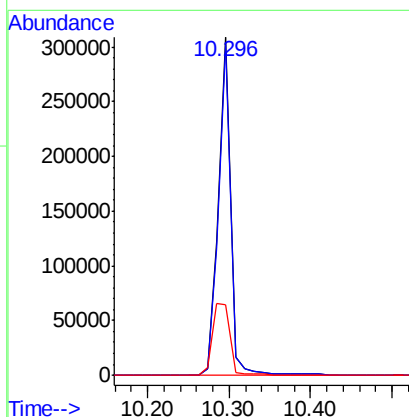
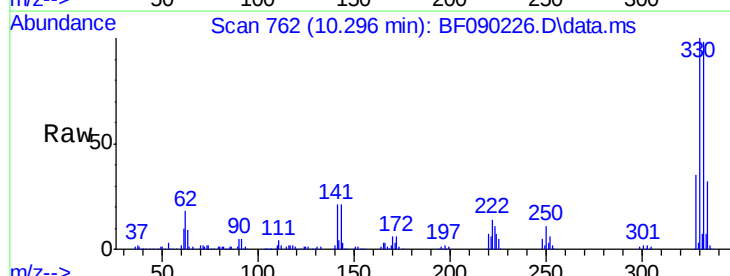
Tgt Ion:330 Resp: 324839

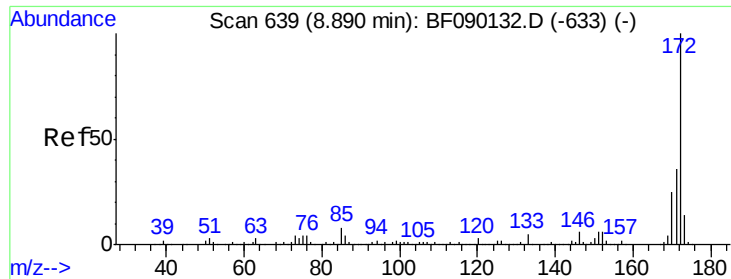
Ion Ratio Lower Upper

330 100

332 97.2 78.1 117.1

141 30.7 23.9 35.9

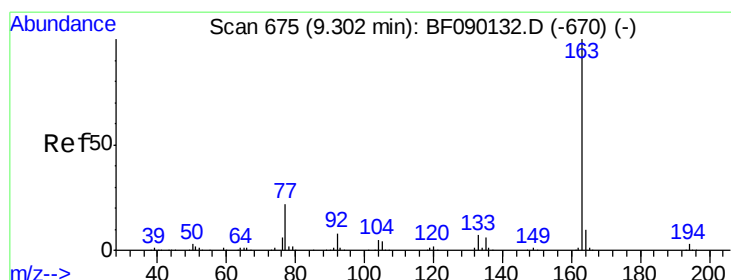
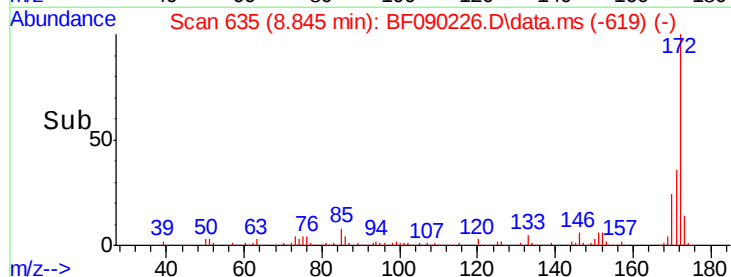
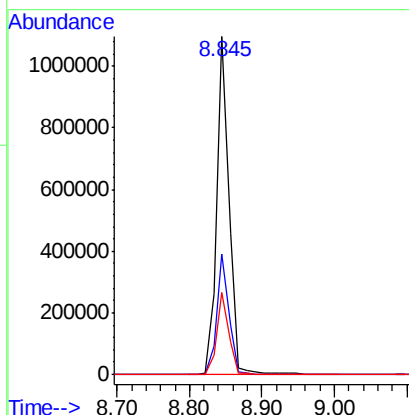
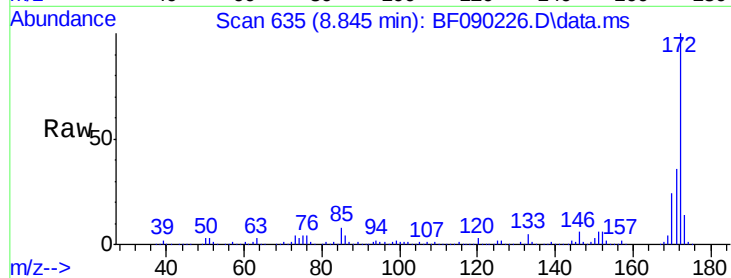




#44
2-Fluorobiphenyl
Concen: 70.05 ng
RT: 8.845 min Scan# 63
Delta R.T. -0.011 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

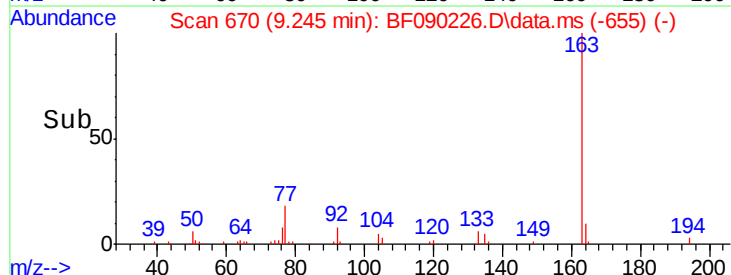
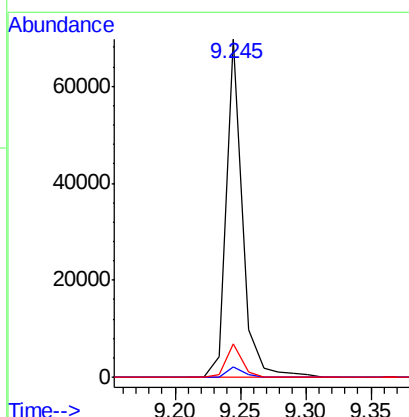
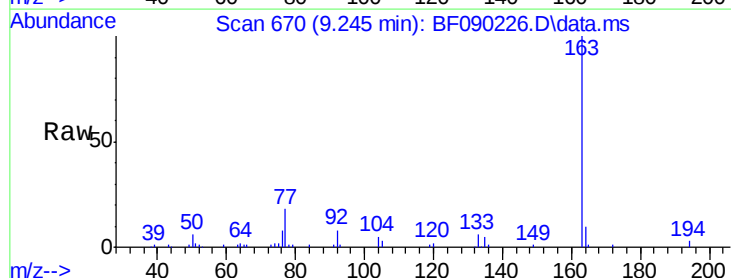
Instrument :
BNA_F
ClientSampleId :

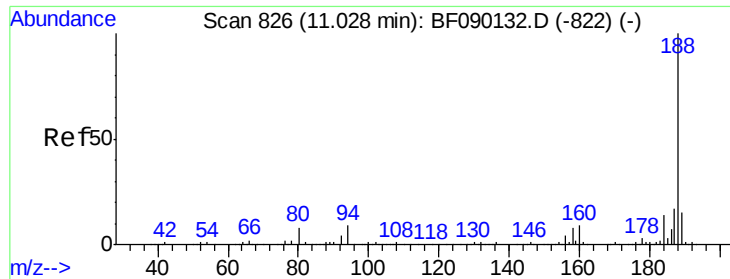
Tot Ion:172 Resp: 1297871
Ion Ratio Lower Upper
172 100
171 35.7 29.2 43.8
170 24.3 19.8 29.8



#49
Dimethylphthalate
Concen: 2.60 ng
RT: 9.245 min Scan# 670
Delta R.T. -0.023 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

Tgt Ion:163 Resp: 60285
Ion Ratio Lower Upper
163 100
194 3.3 2.8 4.2
164 9.9 8.1 12.1

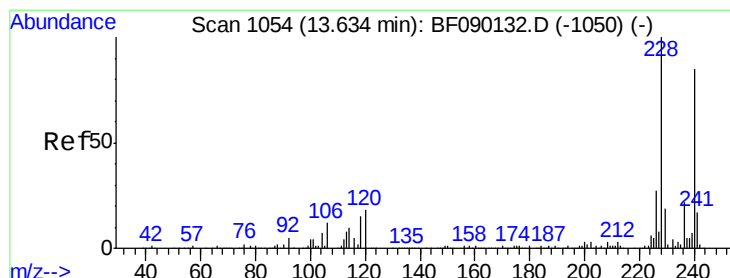
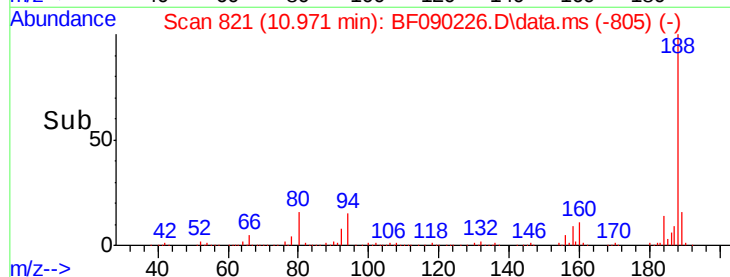
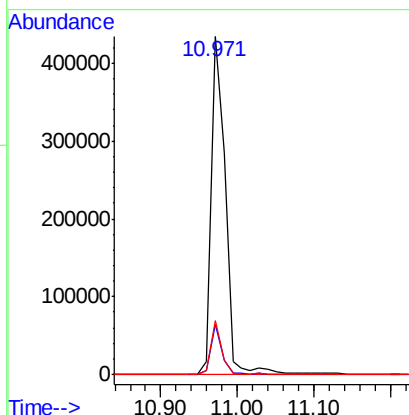
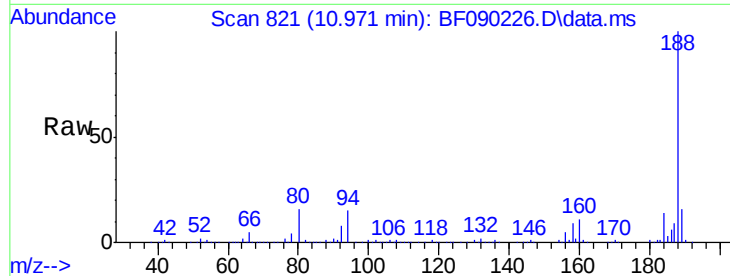




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.971 min Scan# 821
Delta R.T. -0.011 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

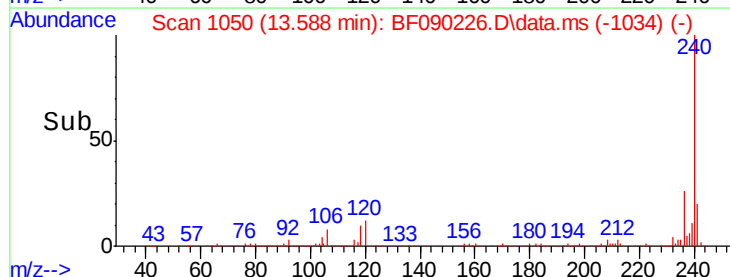
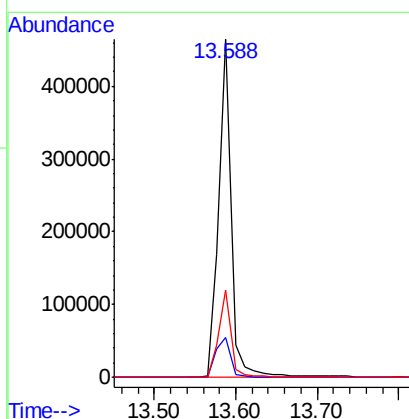
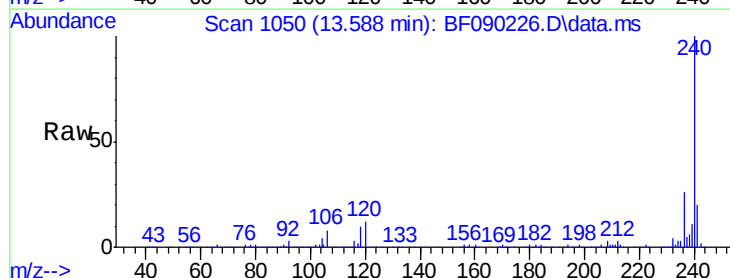
Instrument :
BNA_F
ClientSampleId :

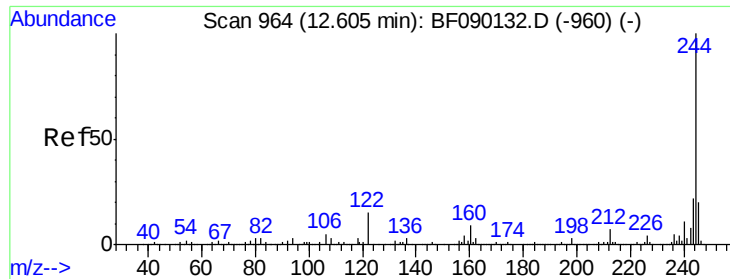
Tot Ion:188 Resp: 544922
Ion Ratio Lower Upper
188 100
94 14.7 10.5 15.7
80 15.9 11.2 16.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.588 min Scan# 1050
Delta R.T. -0.011 min
Lab File: BF090226.D
Acq: 26 Sep 2016 17:29

Tgt Ion:240 Resp: 498338
Ion Ratio Lower Upper
240 100
120 11.6 10.6 16.0
236 26.0 21.6 32.4





#78

Terphenyl-d14

Concen: 66.62 ng

RT: 12.559 min Scan# 96

Delta R.T. -0.000 min

Lab File: BF090226.D

Acq: 26 Sep 2016 17:29

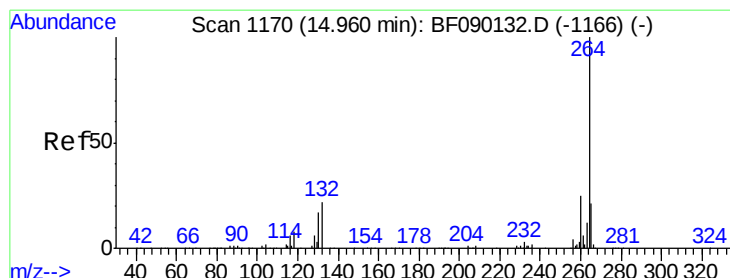
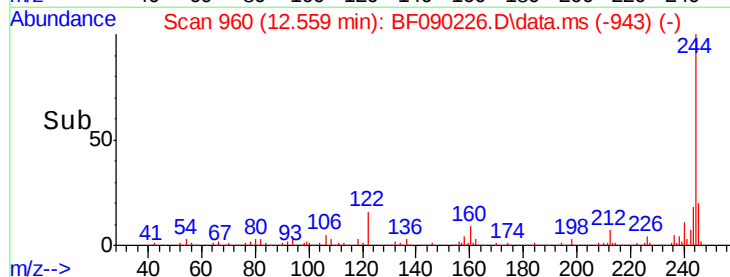
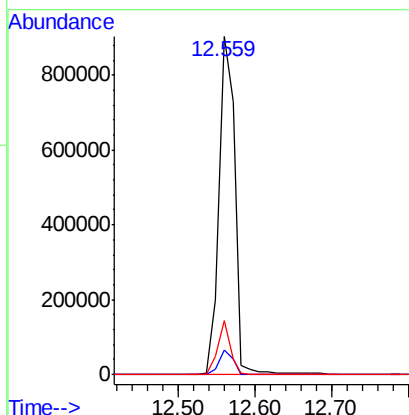
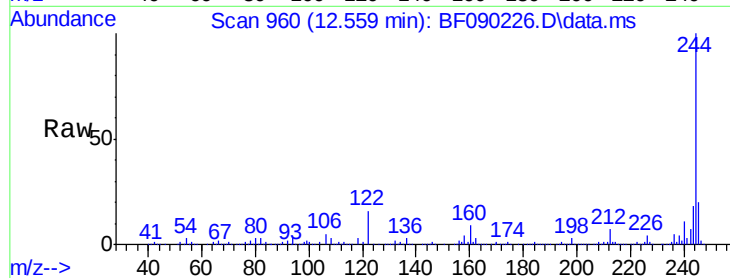
Instrument :

BNA_F

ClientSampleId :

Tot Ion:244 Resp: 1307589

Ion	Ratio	Lower	Upper
244	100		
212	7.4	5.8	8.8
122	16.1	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: BF090226.D

Acq: 26 Sep 2016 17:29

Tgt Ion:264 Resp: 376637

Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.5	29.3
265	22.2	17.0	25.4

