

Data Path : Z:\HPCHEM1\BNA F\Data\BF103116\
 Data File : BF090934.D
 Acq On : 31 Oct 2016 18:00
 Operator : UM/SJ
 Sample : H5463-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 01 10:35:47 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 28 15:18:12 2016
 Response via : Initial Calibration

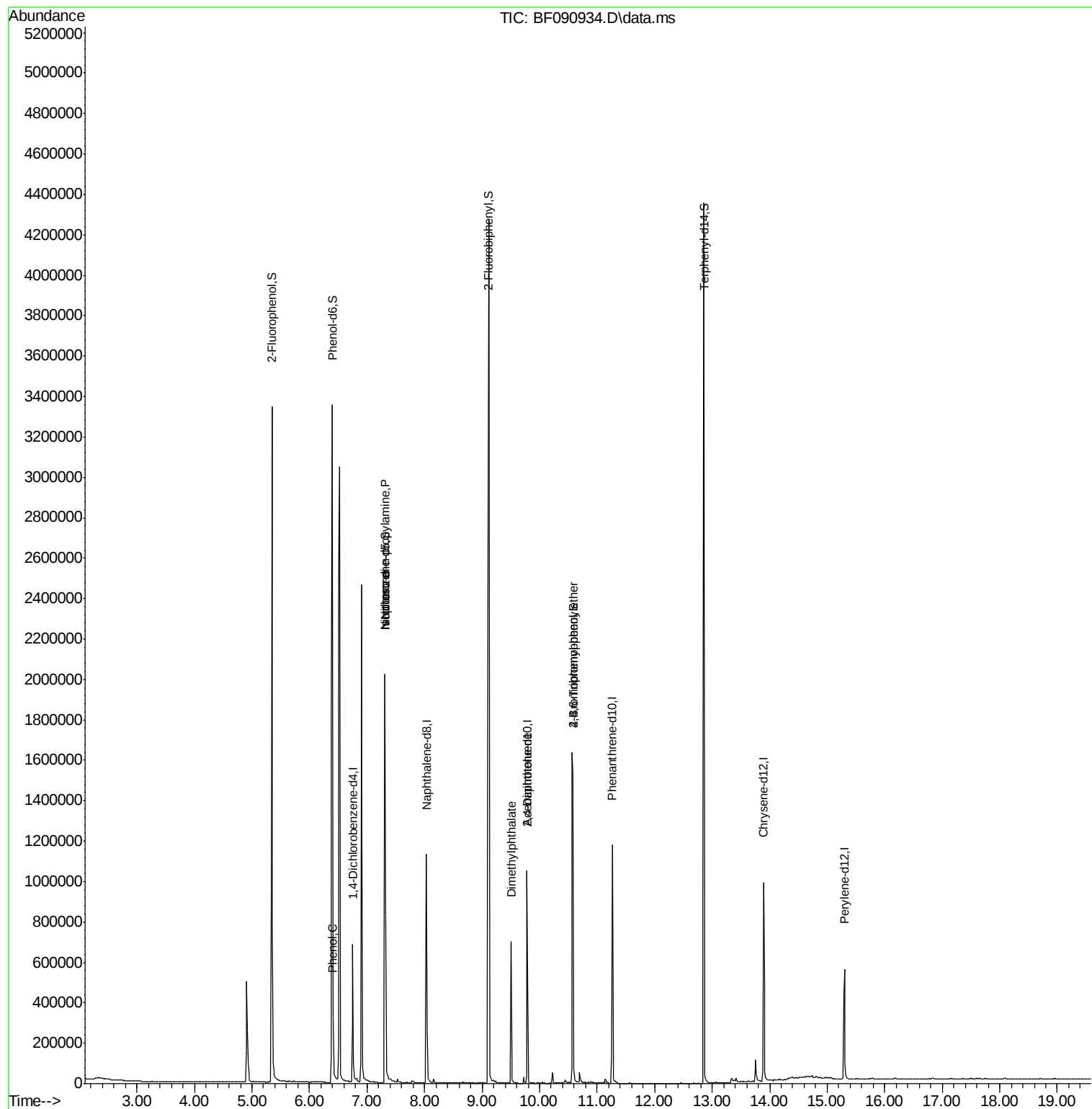
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.750	152	135457	20.00	ng	-0.01
21) Naphthalene-d8	8.030	136	564976	20.00	ng	-0.02
38) Acenaphthene-d10	9.779	164	272066	20.00	ng	-0.03
63) Phenanthrene-d10	11.265	188	467573	20.00	ng	-0.02
75) Chrysene-d12	13.894	240	403760	20.00	ng	-0.03
86) Perylene-d12	15.300	264	308336	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.344	112	1108651	143.10	ng	-0.01
7) Phenol-d6	6.396	99	1524424	145.85	ng	-0.02
23) Nitrobenzene-d5	7.310	82	863786	100.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.579	330	413405	147.86	ng	-0.02
44) 2-Fluorobiphenyl	9.116	172	1725667	111.38	ng	-0.02
78) Terphenyl-d14	12.854	244	1497547	93.44	ng	-0.02
Target Compounds						
10) Phenol	6.407	94	56518	4.91	ng	Qvalue 82
19) n-Nitroso-di-n-propyla...	7.310	70	116354	19.25	ng	# 52
25) Isophorone	7.310	82	778133	44.43	ng	# 58
49) Dimethylphthalate	9.505	163	273522	15.05	ng	# 97
56) 2,4-Dinitrotoluene	9.779	165	34059	6.83	ng	# 31
66) 4-Bromophenyl-phenylether	10.579	248	22486	4.39	ng	# 1

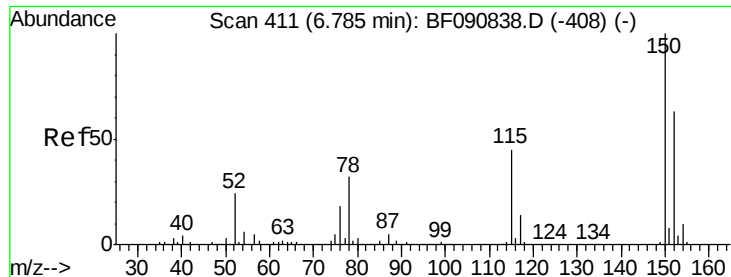
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.750 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Instrument :

BNA_F

ClientSampleId :

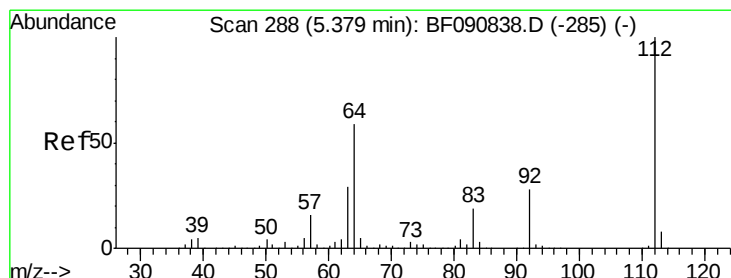
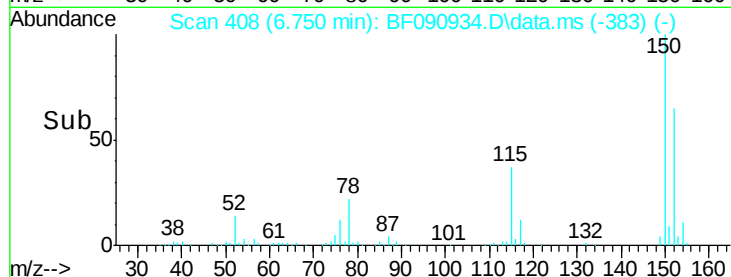
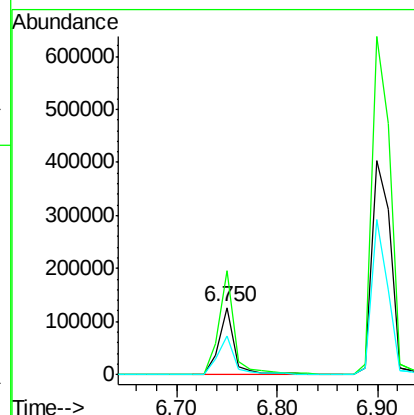
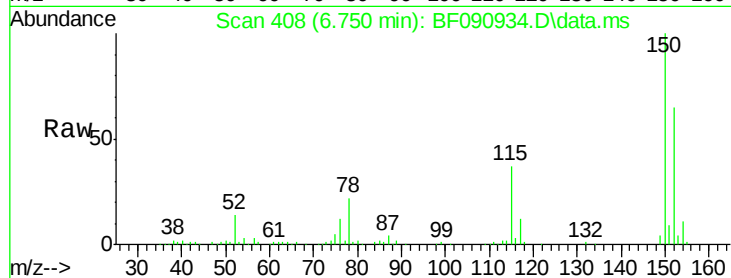
Tot Ion:152 Resp: 135457

Ion Ratio Lower Upper

152 100

150 154.0 124.7 187.1

115 56.7 39.0 58.4



#5

2-Fluorophenol

Concen: 143.10 ng

RT: 5.344 min Scan# 285

Delta R.T. -0.011 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

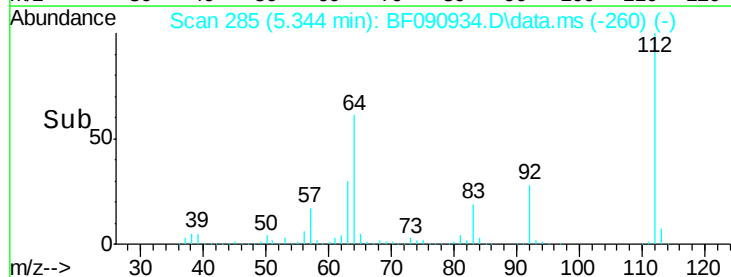
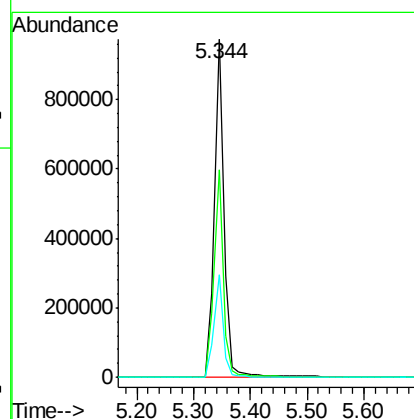
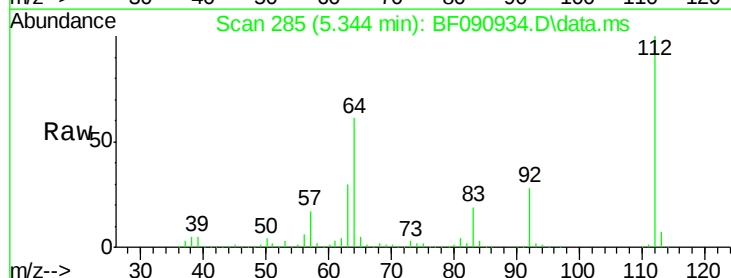
Tgt Ion:112 Resp: 1108651

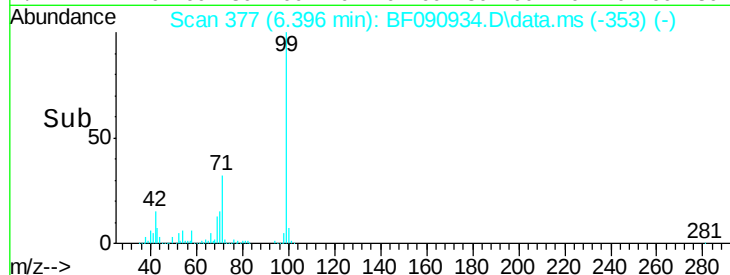
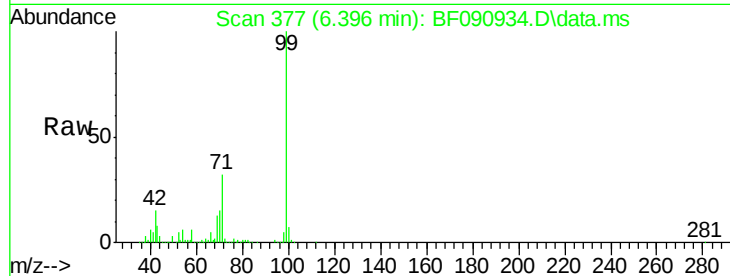
Ion Ratio Lower Upper

112 100

64 61.3 39.7 59.5#

63 30.4 17.4 26.0#





#7

Phenol-d6

Concen: 145.85 ng

RT: 6.396 min Scan# 37

Delta R.T. -0.023 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

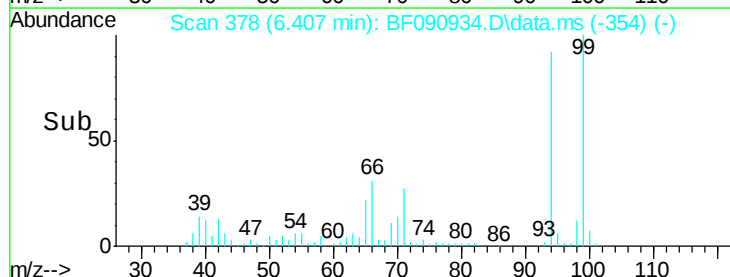
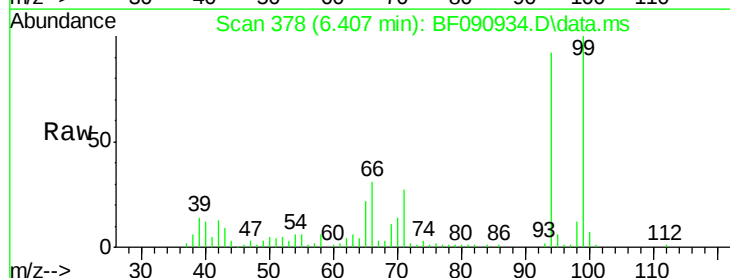
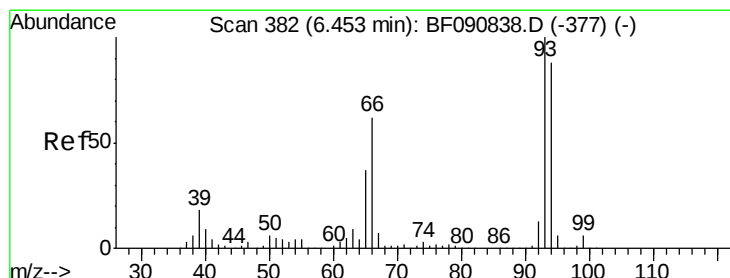
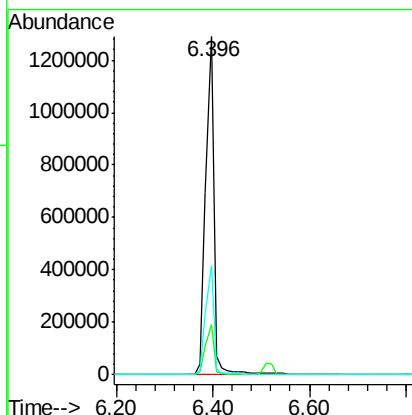
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1524424

Ion	Ratio	Lower	Upper
99	100		
42	14.7	13.7	20.5
71	32.4	14.2	21.2#



#10

Phenol

Concen: 4.91 ng

RT: 6.407 min Scan# 378

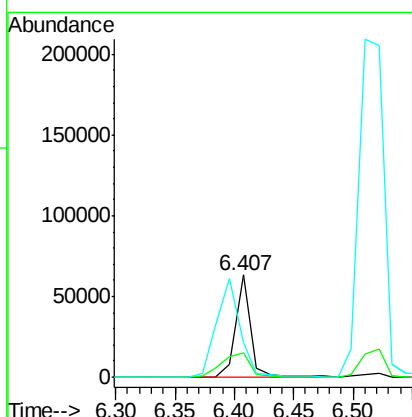
Delta R.T. -0.023 min

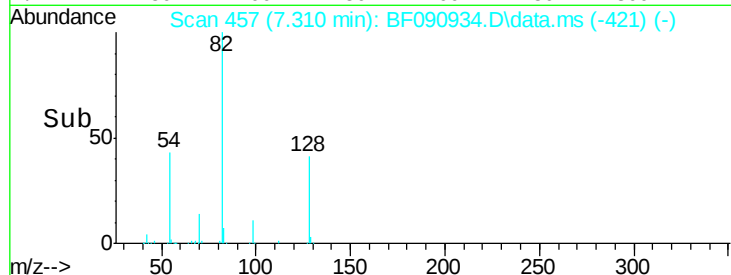
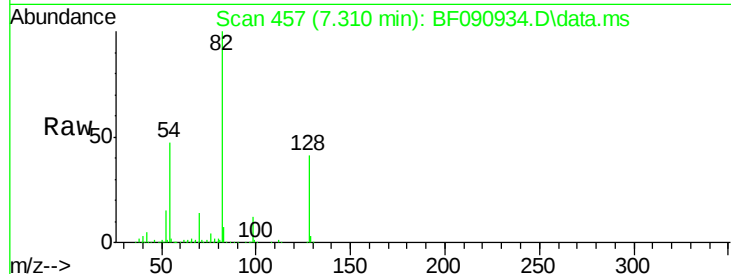
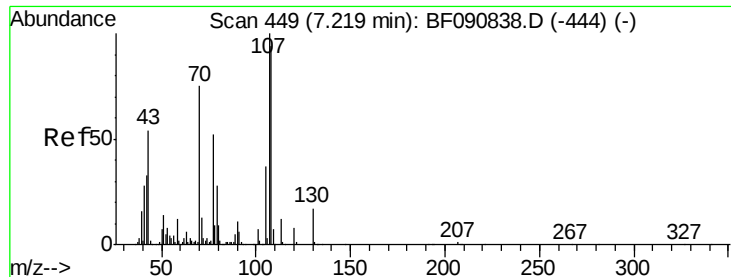
Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Tgt Ion: 94 Resp: 56518

Ion	Ratio	Lower	Upper
94	100		
65	24.4	0.7	40.7
66	33.9	0.8	40.8

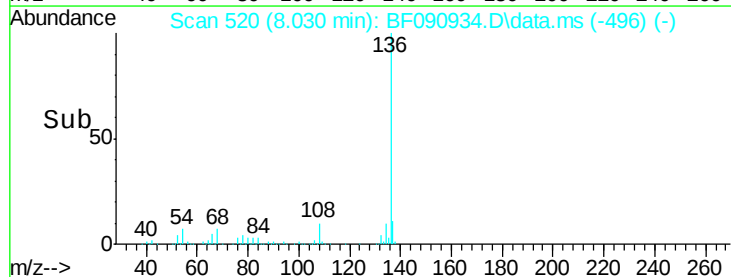
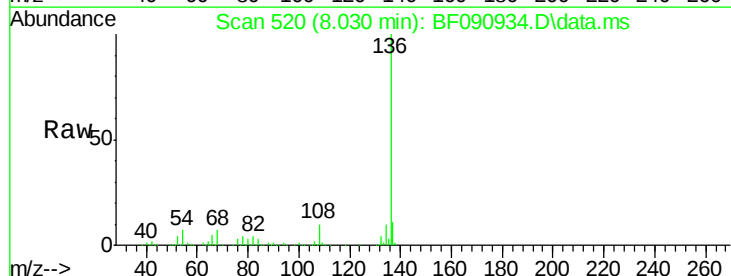
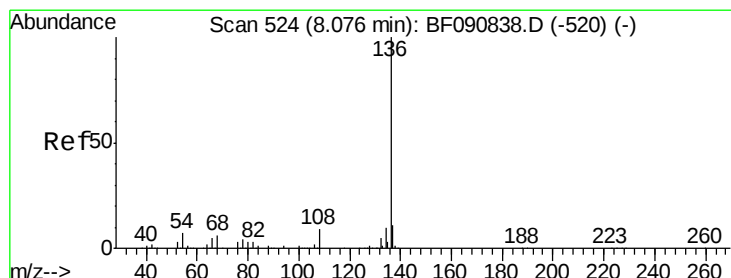
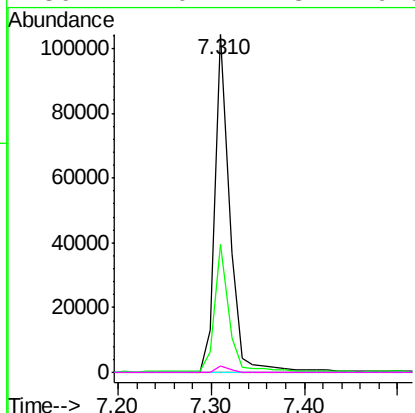




#19
n-Nitroso-di-n-propylamine
Concen: 19.25 ng
RT: 7.310 min Scan# 45
Delta R.T. 0.115 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

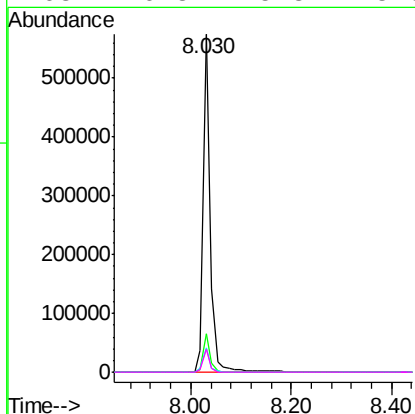
Instrument :
BNA_F
ClientSampleId :

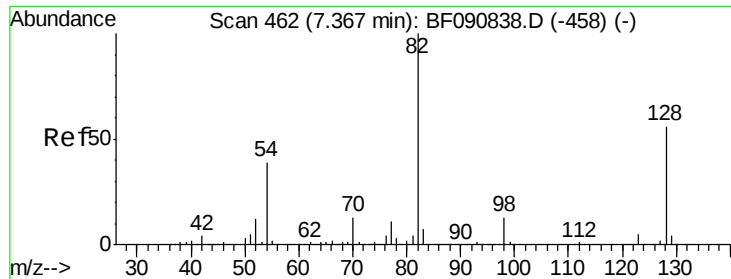
Tot Ion	Ratio	Lower	Upper
70	100		
42	38.1	63.8	95.6#
101	0.0	9.2	13.8#
130	2.0	27.3	40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.030 min Scan# 520
Delta R.T. -0.023 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.0	13.6
54	7.1	8.2	12.2#
68	6.8	5.8	8.6

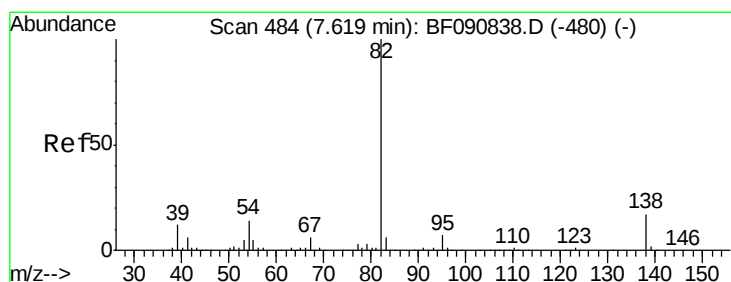
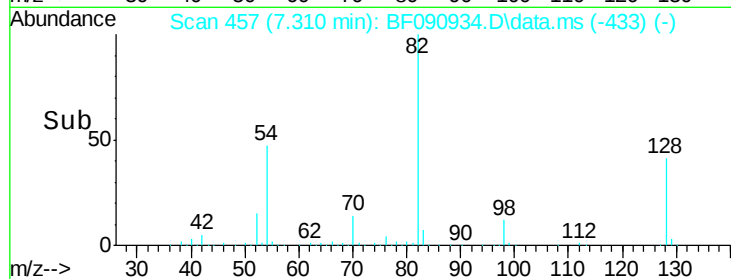
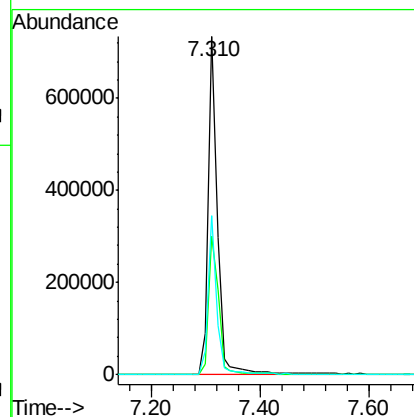
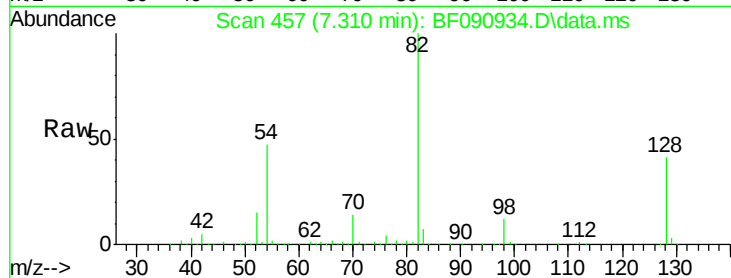




#23
 Nitrobenzene-d5
 Concen: 100.09 ng
 RT: 7.310 min Scan# 45
 Delta R.T. -0.023 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

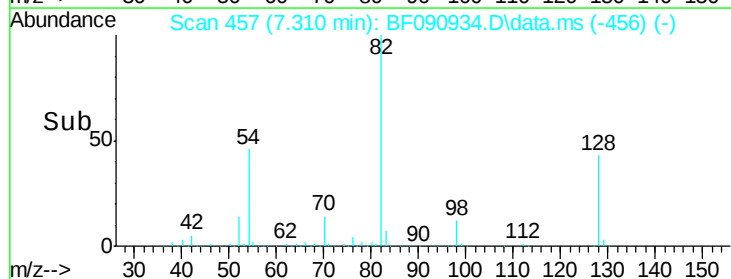
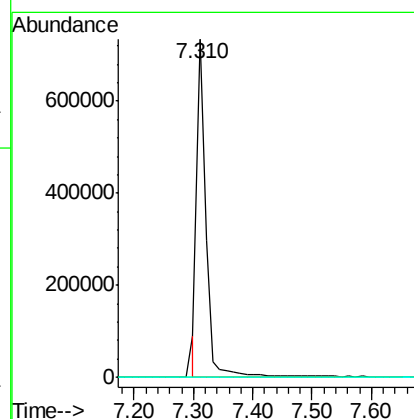
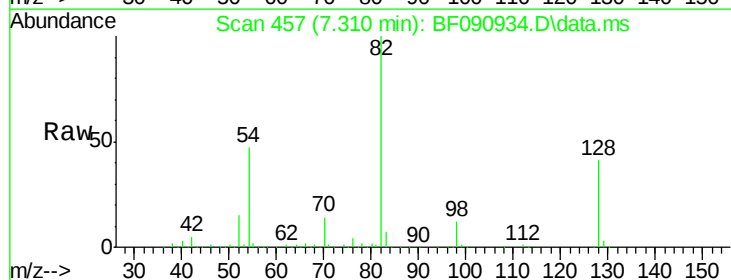
Instrument :
 BNA_F
 ClientSampleId :

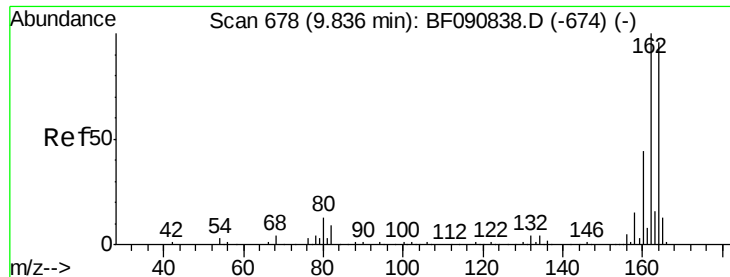
Tot Ion: 82 Resp: 863786
 Ion Ratio Lower Upper
 82 100
 128 41.1 51.0 76.6#
 54 47.0 47.5 71.3#



#25
 Isophorone
 Concen: 44.43 ng
 RT: 7.310 min Scan# 457
 Delta R.T. -0.285 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

Tgt Ion: 82 Resp: 778133
 Ion Ratio Lower Upper
 82 100
 95 0.0 4.0 6.0#
 138 0.0 18.3 27.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.779 min Scan# 67

Delta R.T. -0.034 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Instrument :

BNA_F

ClientSampled :

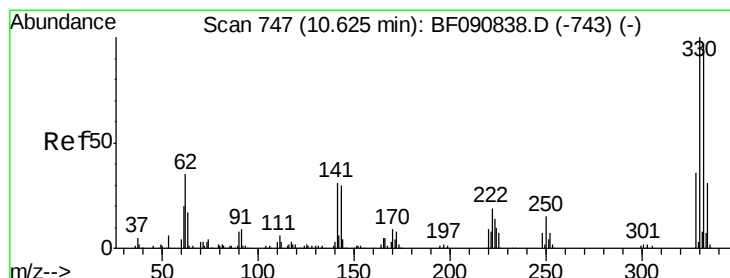
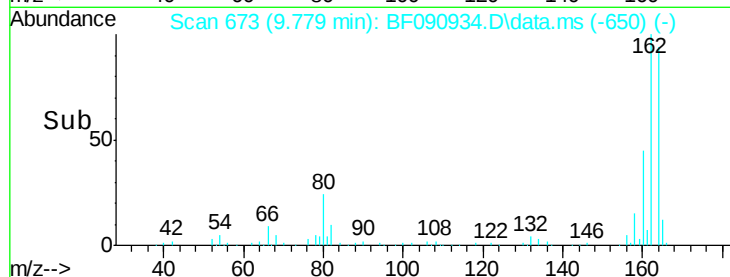
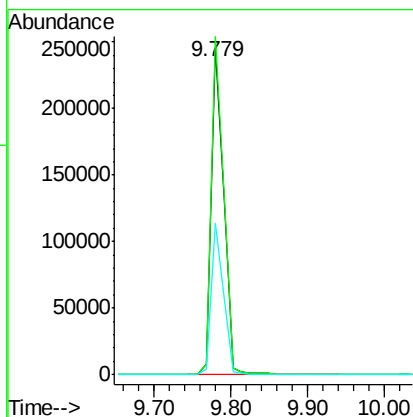
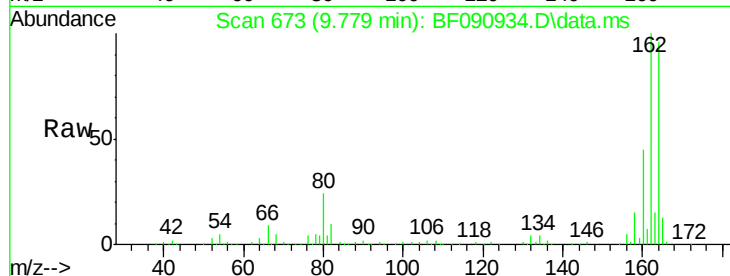
Tot Ion:164 Resp: 272066

Ion Ratio Lower Upper

164 100

162 103.7 75.2 112.8

160 46.4 31.5 47.3



#41

2,4,6-Tribromophenol

Concen: 147.86 ng

RT: 10.579 min Scan# 743

Delta R.T. -0.023 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

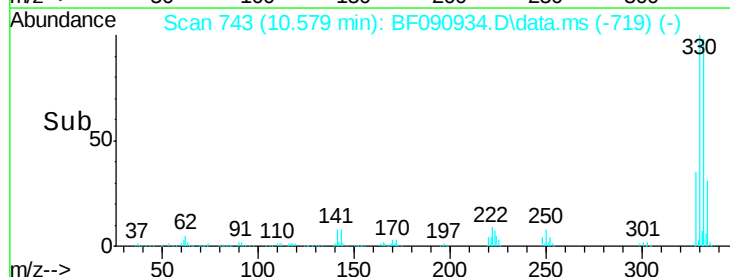
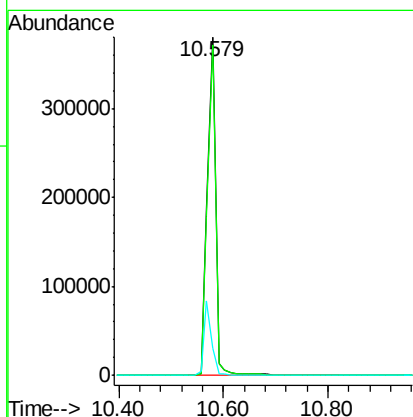
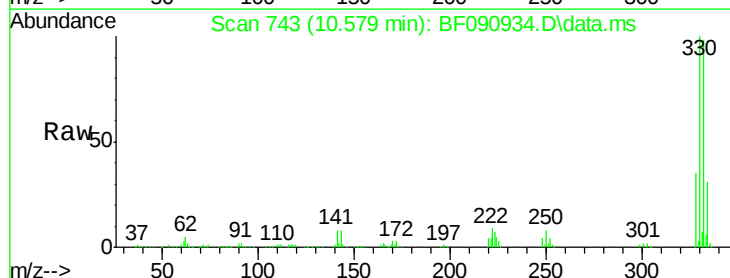
Tgt Ion:330 Resp: 413405

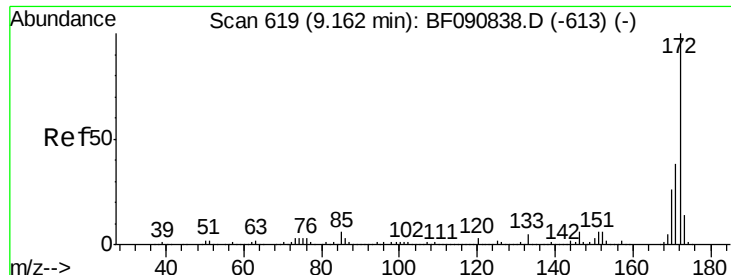
Ion Ratio Lower Upper

330 100

332 97.1 76.6 114.8

141 20.5 29.7 44.5#

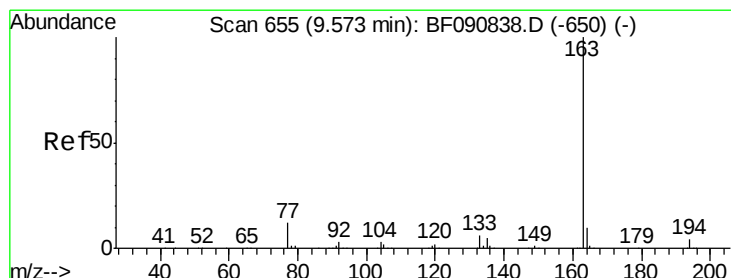
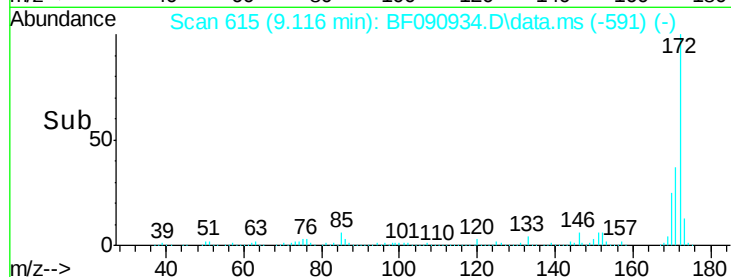
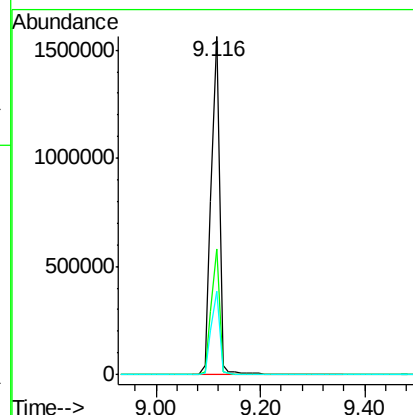
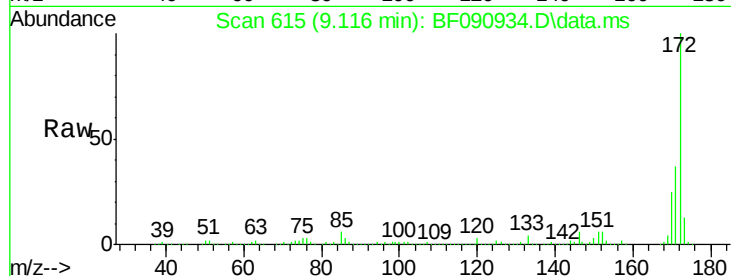




#44
2-Fluorobiphenyl
Concen: 111.38 ng
RT: 9.116 min Scan# 61
Delta R.T. -0.023 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

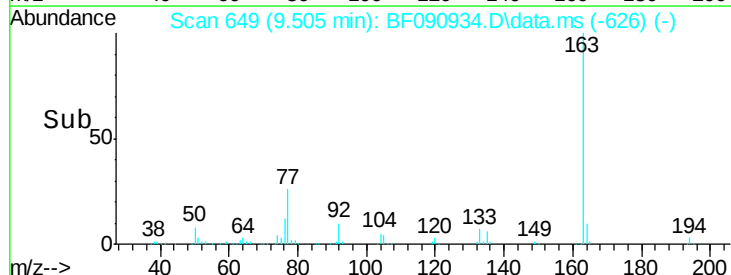
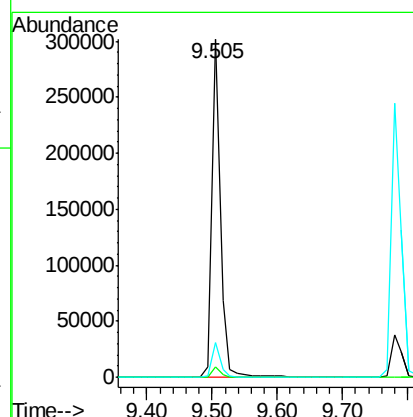
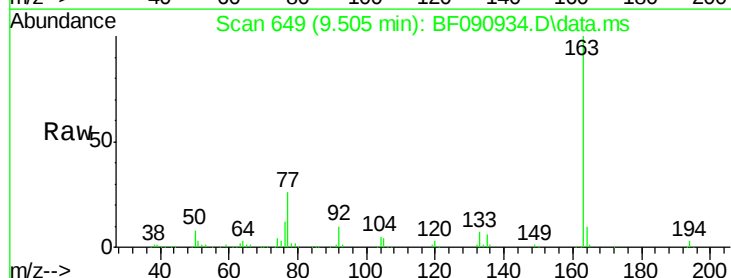
Instrument :
BNA_F
ClientSampleId :

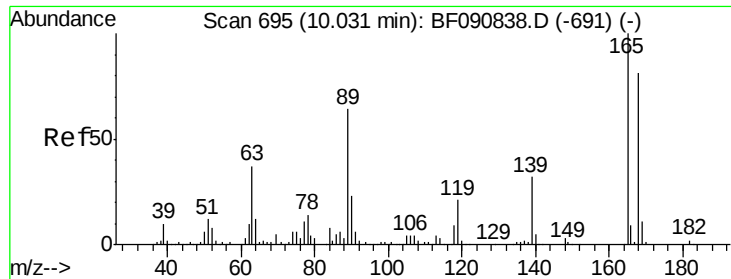
Tot Ion:172 Resp: 1725667
Ion Ratio Lower Upper
172 100
171 37.2 26.1 39.1
170 24.8 17.4 26.2



#49
Dimethylphthalate
Concen: 15.05 ng
RT: 9.505 min Scan# 649
Delta R.T. -0.034 min
Lab File: BF090934.D
Acq: 31 Oct 2016 18:00

Tgt Ion:163 Resp: 273522
Ion Ratio Lower Upper
163 100
194 3.0 4.4 6.6#
164 10.2 8.3 12.5

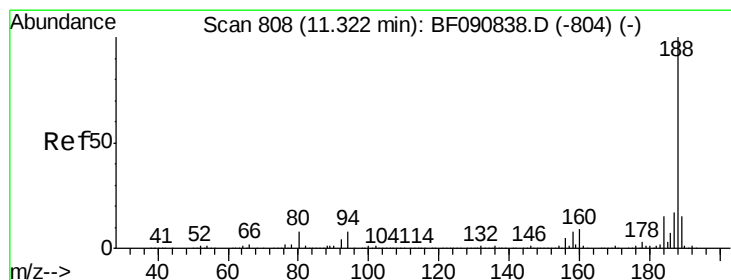
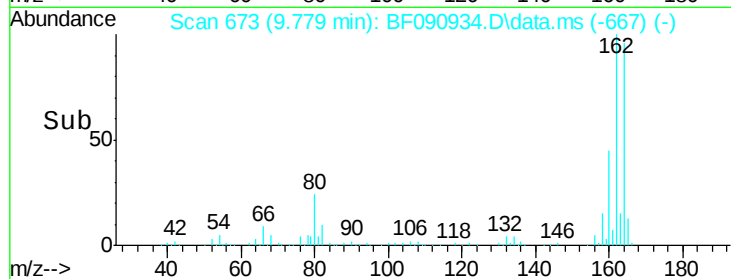
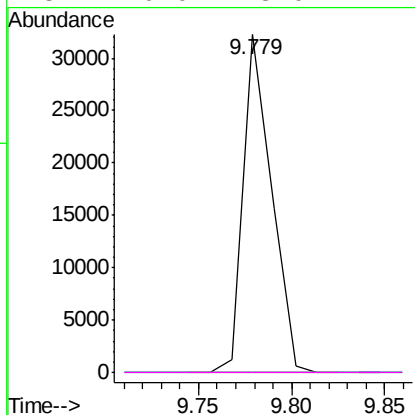
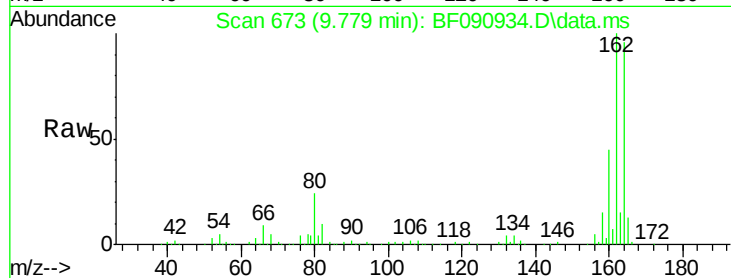




#56
 2,4-Dinitrotoluene
 Concen: 6.83 ng
 RT: 9.779 min Scan# 67
 Delta R.T. -0.228 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

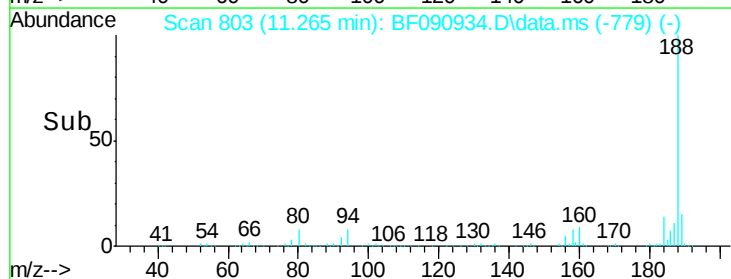
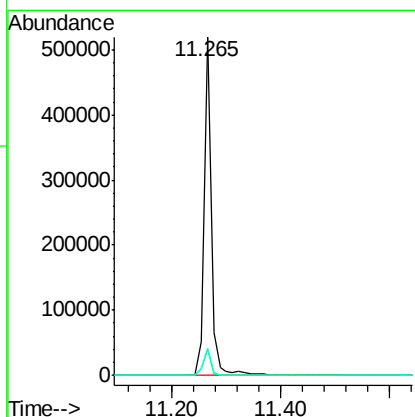
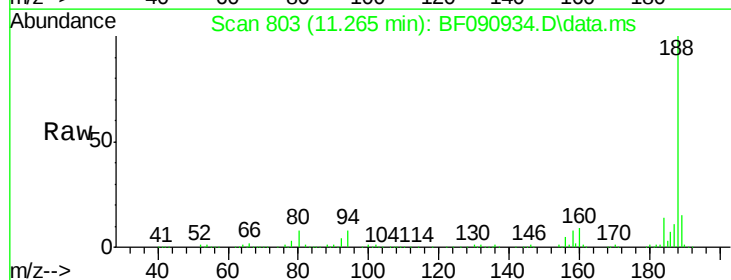
Instrument :
 BNA_F
 ClientSampleId :

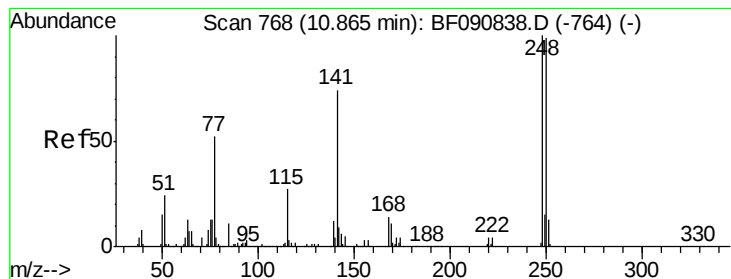
Tot Ion:	165	Resp:	34059
Ion Ratio	Lower	Upper	
165	100		
63	0.0	29.8	44.6#
89	0.0	44.5	66.7#
182	0.0	3.0	4.4#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.265 min Scan# 803
 Delta R.T. -0.023 min
 Lab File: BF090934.D
 Acq: 31 Oct 2016 18:00

Tgt Ion:	188	Resp:	467573
Ion Ratio	Lower	Upper	
188	100		
94	7.8	11.1	16.7#
80	8.0	11.0	16.4#





#66

4-Bromophenyl-phenylether

Concen: 4.39 ng

RT: 10.579 min Scan# 74

Delta R.T. -0.263 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Instrument :

BNA_F

ClientSampleId :

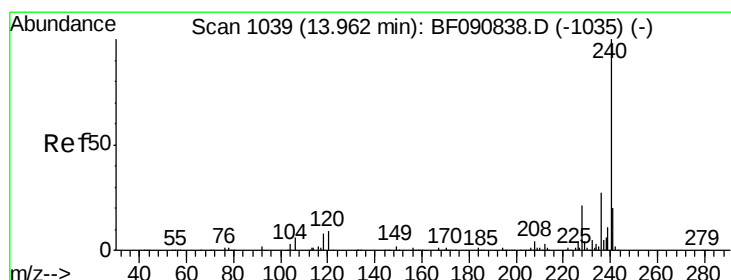
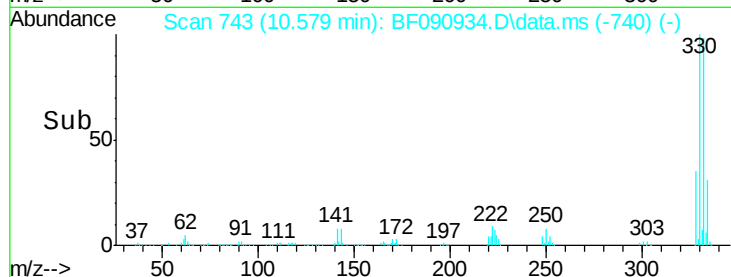
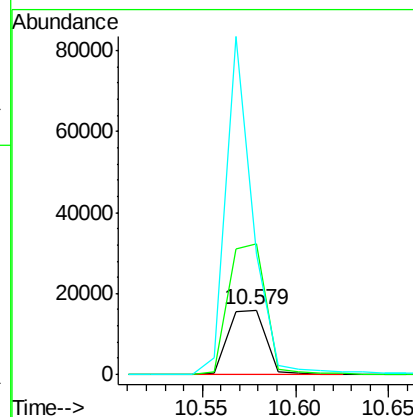
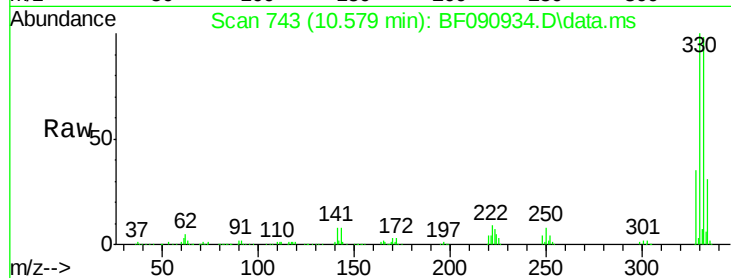
Tot Ion:248 Resp: 22486

Ion Ratio Lower Upper

248 100

250 202.5 78.5 117.7#

141 188.1 59.0 88.6#



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.894 min Scan# 1033

Delta R.T. -0.034 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

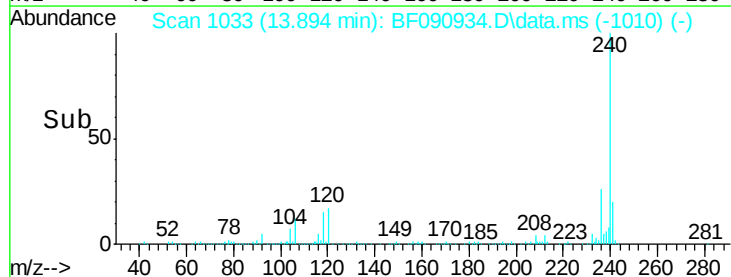
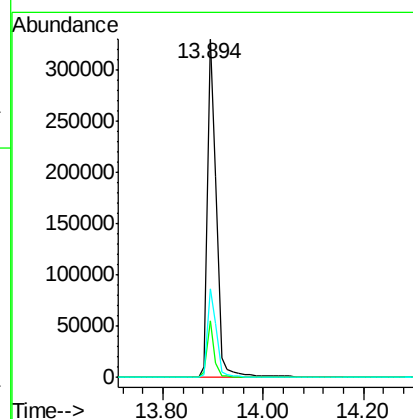
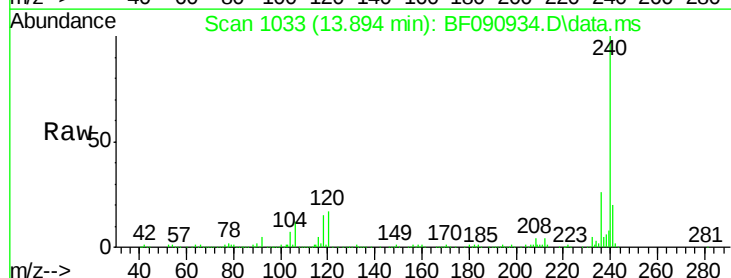
Tgt Ion:240 Resp: 403760

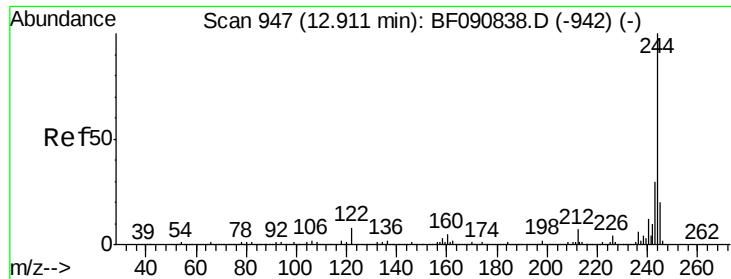
Ion Ratio Lower Upper

240 100

120 16.9 16.2 24.2

236 26.3 18.4 27.6





#78

Terphenyl-d14

Concen: 93.44 ng

RT: 12.854 min Scan# 94

Delta R.T. -0.023 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Instrument :

BNA_F

ClientSampleId :

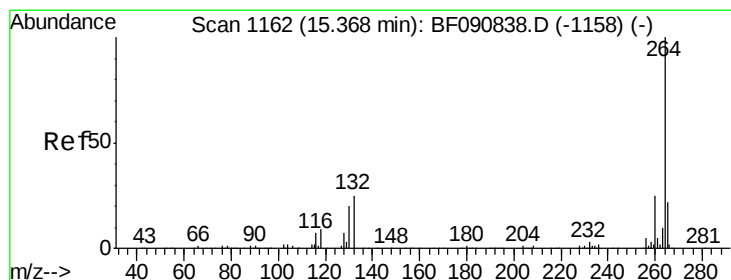
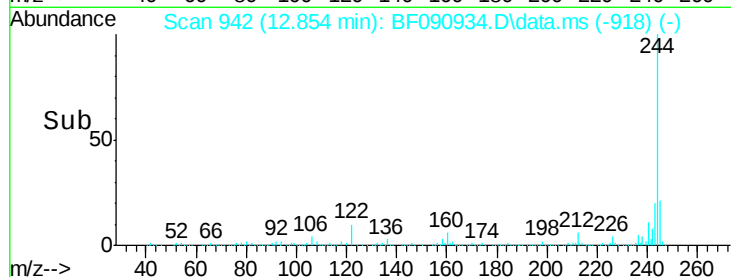
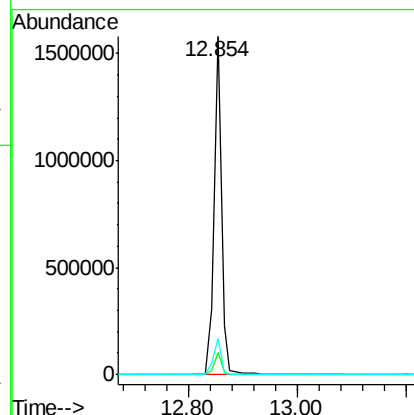
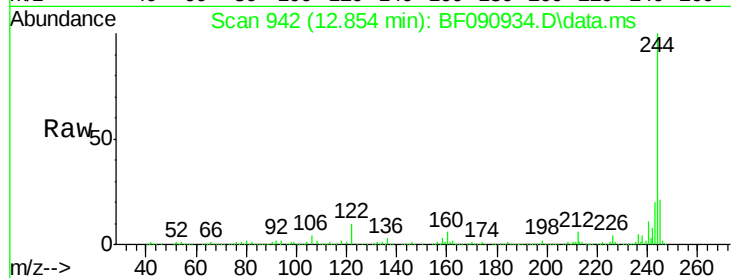
Tot Ion:244 Resp: 1497547

Ion Ratio Lower Upper

244 100

212 6.5 4.3 6.5#

122 10.5 17.4 26.2#



#86

Perylene-d12

Concen: 20.00 ng

RT: 15.300 min Scan# 1156

Delta R.T. -0.034 min

Lab File: BF090934.D

Acq: 31 Oct 2016 18:00

Tgt Ion:264 Resp: 308336

Ion Ratio Lower Upper

264 100

260 24.6 16.7 25.1

265 21.3 17.2 25.8

