

Data Path : Z:\HPCHEM1\BNA F\Data\BF102116\Not Reviewed Data\
 Data File : BF090782.D
 Acq On : 23 Oct 2016 00:16
 Operator : UM/SJ
 Sample : H5367-10
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FB-101916

Quant Time: Oct 26 16:23:18 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 25 18:56:36 2016
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

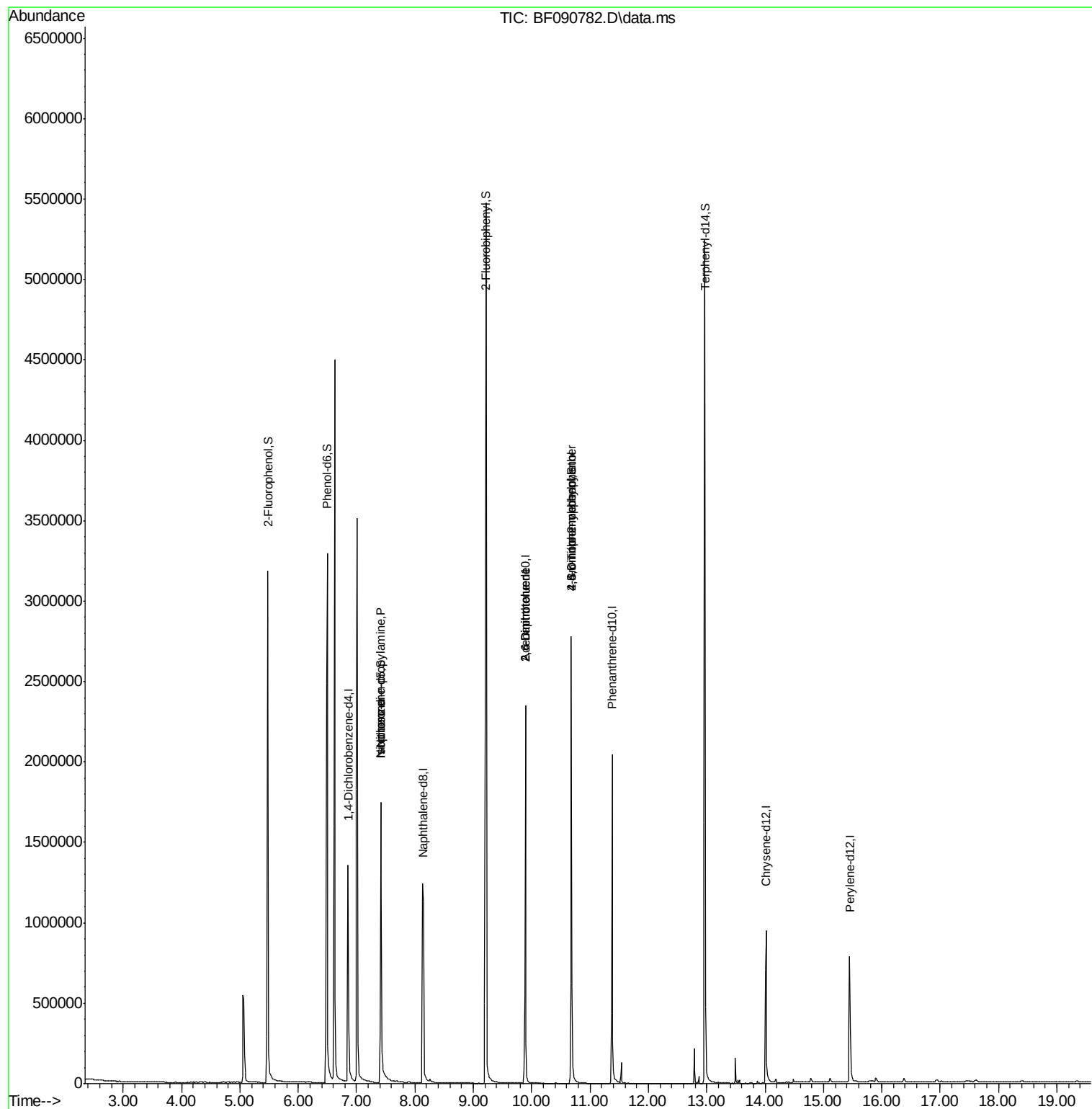
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.852	152	245445	20.00	ng	0.06
21) Naphthalene-d8	8.143	136	1004682	20.00	ng	0.06
38) Acenaphthene-d10	9.892	164	541658	20.00	ng	0.04
63) Phenanthrene-d10	11.378	188	849570	20.00	ng	0.06
75) Chrysene-d12	14.018	240	510756	20.00	ng	0.06
86) Perylene-d12	15.447	264	374033	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.480	112	1471718	96.70	ng	0.09
7) Phenol-d6	6.497	99	1868138	90.62	ng	0.06
23) Nitrobenzene-d5	7.412	82	1048663	57.25	ng	0.04
41) 2,4,6-Tribromophenol	10.681	330	401722	93.70	ng	0.04
44) 2-Fluorobiphenyl	9.218	172	2120785	60.78	ng	0.04
78) Terphenyl-d14	12.966	244	1838343	82.49	ng	0.04
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.412	70	133293	8.68	ng	Qvalue # 52
25) Isophorone	7.412	82	953337	27.49	ng	# 58
50) 2,6-Dinitrotoluene	9.892	165	69650	9.52	ng	# 38
56) 2,4-Dinitrotoluene	9.892	165	70155	7.84	ng	# 33
64) 4,6-Dinitro-2-methylph...	10.681	198	548	4.27	ng	# 1
66) 4-Bromophenyl-phenylether	10.681	248	26301	3.19	ng	# 1

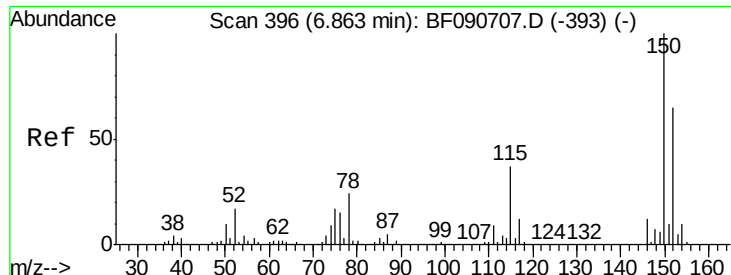
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.852 min Scan# 39

Delta R.T. 0.056 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

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BNA_F

ClientSampleId :

FB-101916

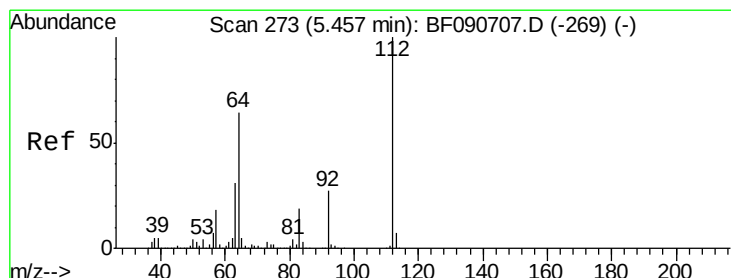
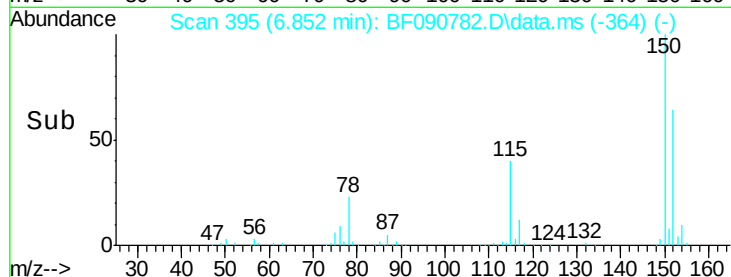
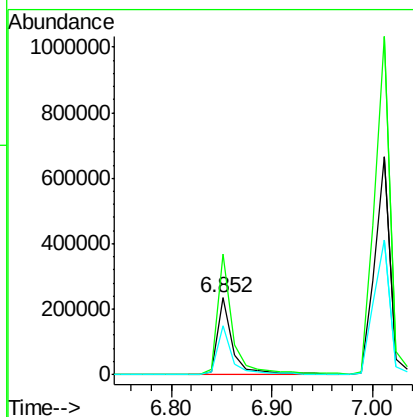
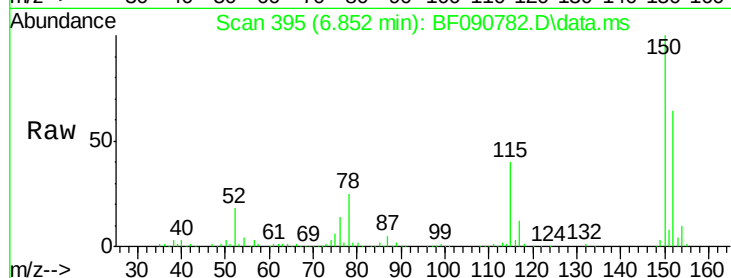
Tot Ion:152 Resp: 245445

Ion Ratio Lower Upper

152 100

150 156.6 124.7 187.1

115 63.1 39.0 58.4#



#5

2-Fluorophenol

Concen: 96.70 ng

RT: 5.480 min Scan# 275

Delta R.T. 0.090 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

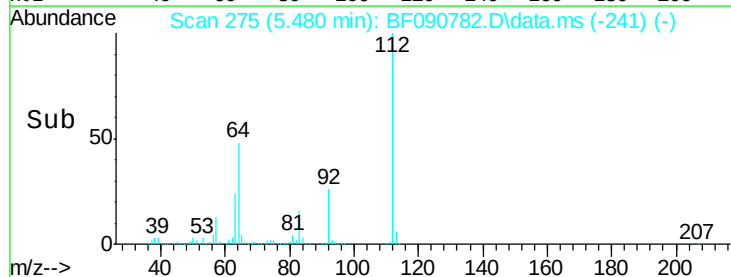
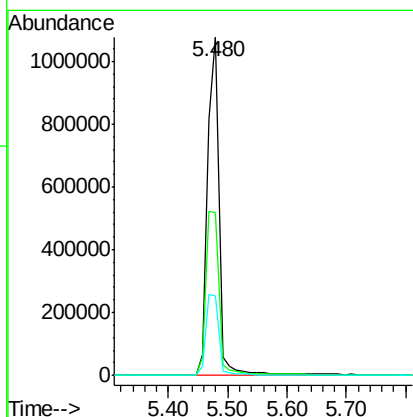
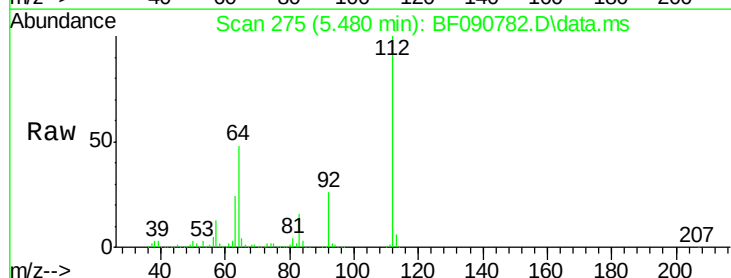
Tgt Ion:112 Resp: 1471718

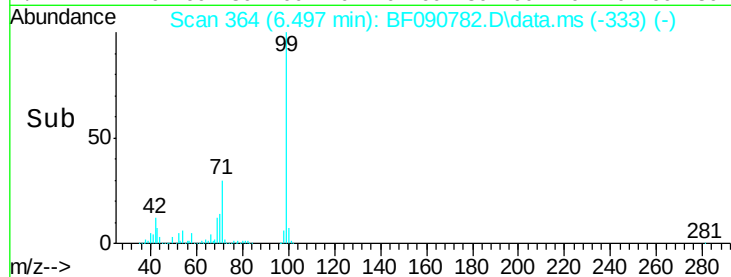
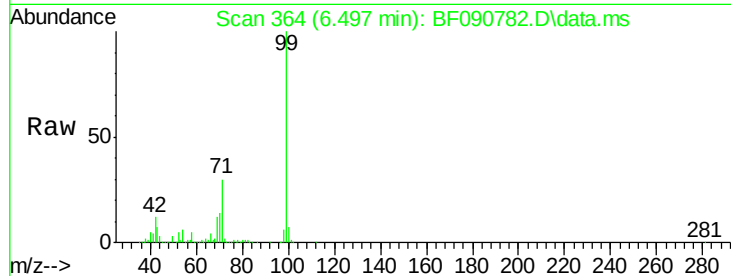
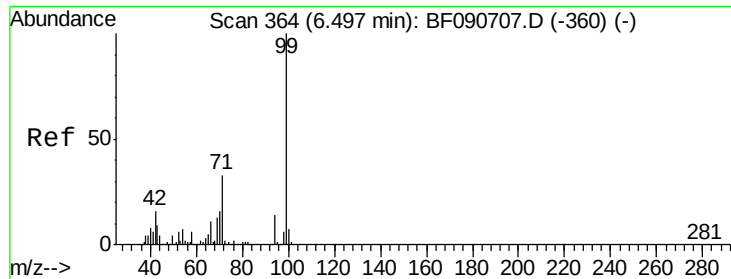
Ion Ratio Lower Upper

112 100

64 48.1 39.7 59.5

63 23.7 17.4 26.0





#7

Phenol-d6

Concen: 90.62 ng

RT: 6.497 min Scan# 36

Delta R.T. 0.056 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Instrument :

BNA_F

ClientSampleId :

FB-101916

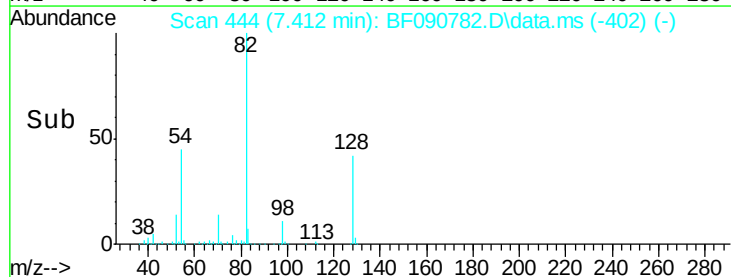
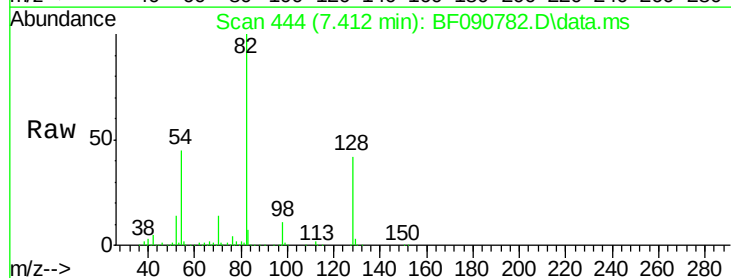
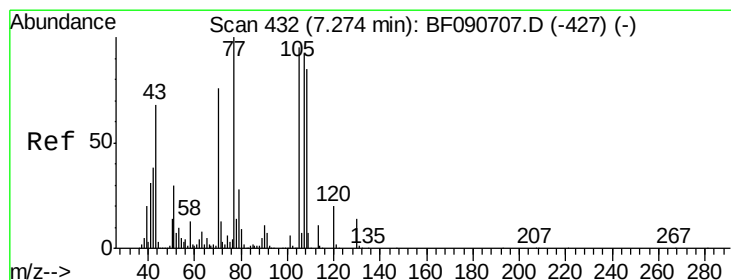
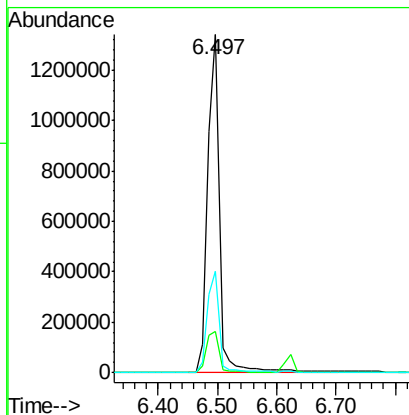
Tot Ion: 99 Resp: 1868138

Ion Ratio Lower Upper

99 100

42 12.3 13.7 20.5#

71 29.8 14.2 21.2#



#19

n-Nitroso-di-n-propylamine

Concen: 8.68 ng

RT: 7.412 min Scan# 444

Delta R.T. 0.181 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Tgt Ion: 70 Resp: 133293

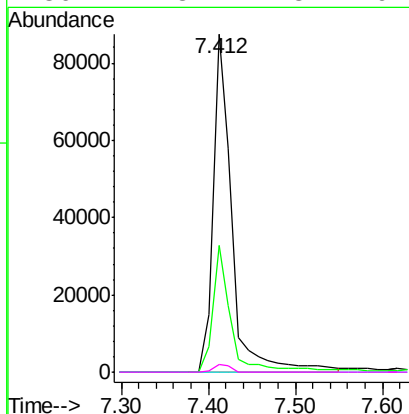
Ion Ratio Lower Upper

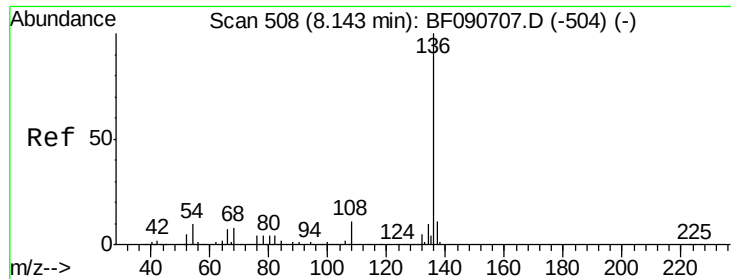
70 100

42 37.6 63.8 95.6#

101 0.0 9.2 13.8#

130 2.3 27.3 40.9#

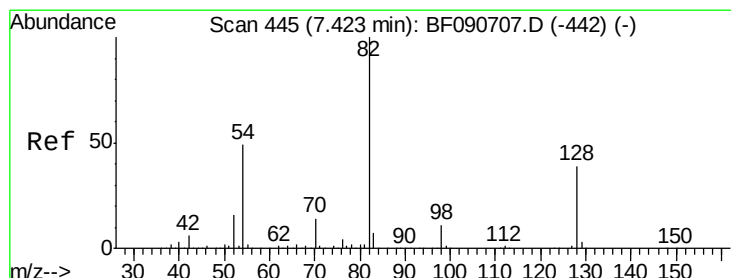
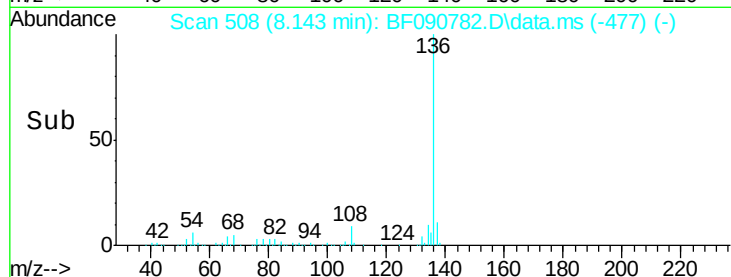
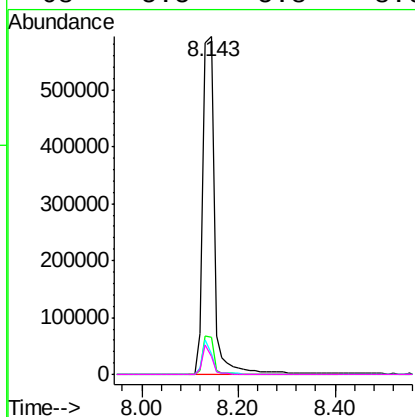
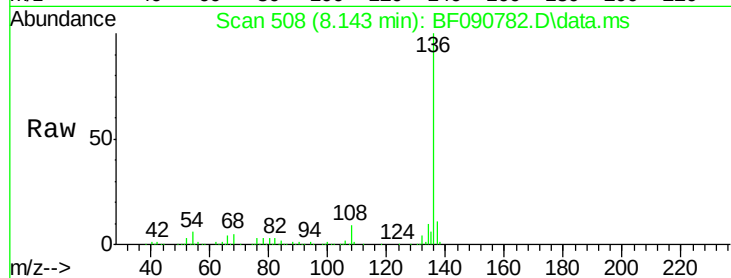




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.143 min Scan# 50
Delta R.T. 0.056 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

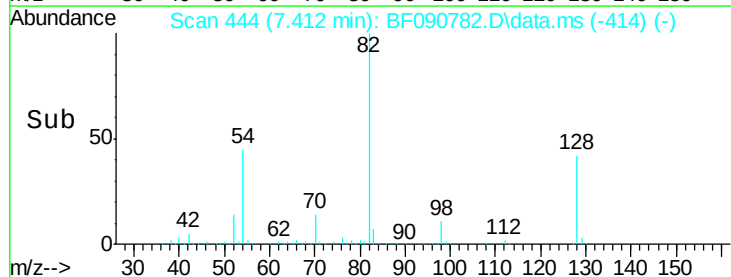
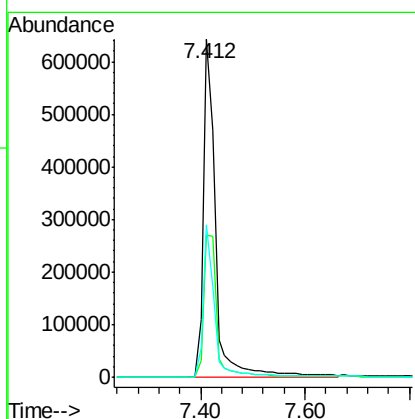
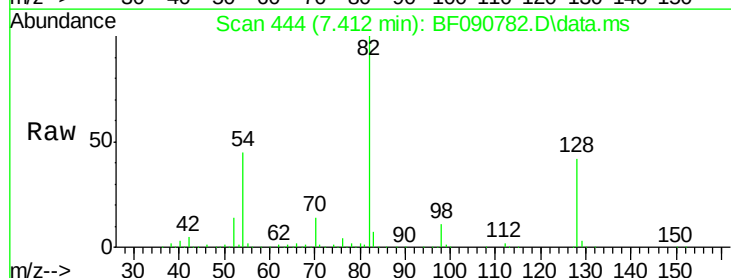
Instrument :
BNA_F
ClientSampleId :
FB-101916

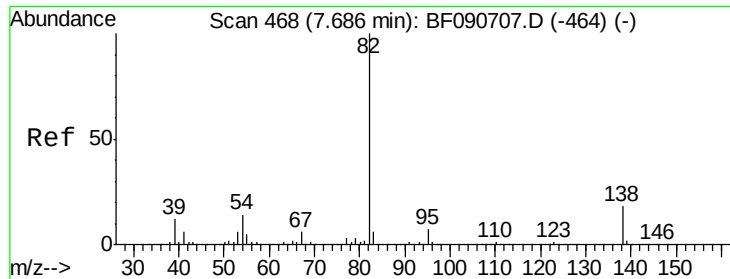
Tot Ion:136 Resp: 1004682
Ion Ratio Lower Upper
136 100
137 11.0 9.0 13.6
54 6.1 8.2 12.2#
68 5.5 5.8 8.6#



#23
Nitrobenzene-d5
Concen: 57.25 ng
RT: 7.412 min Scan# 444
Delta R.T. 0.044 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

Tgt Ion: 82 Resp: 1048663
Ion Ratio Lower Upper
82 100
128 42.2 51.0 76.6#
54 45.0 47.5 71.3#





#25

Isophorone

Concen: 27.49 ng

RT: 7.412 min Scan# 44

Delta R.T. -0.219 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

Instrument :

BNA_F

ClientSampleId :

FB-101916

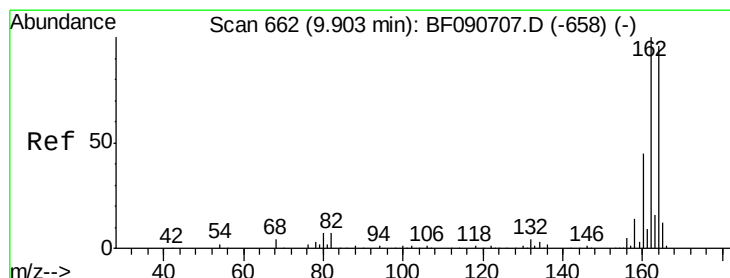
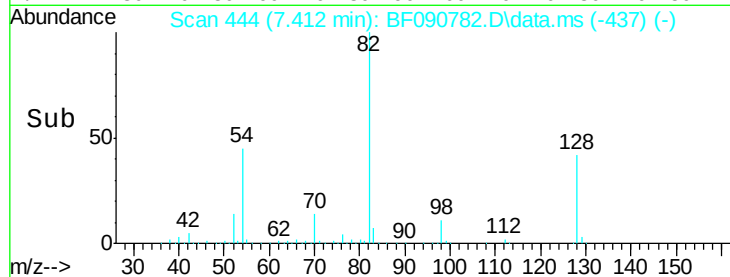
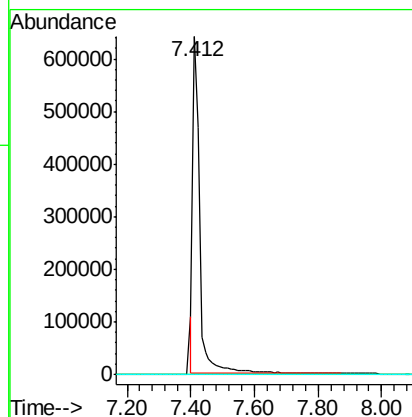
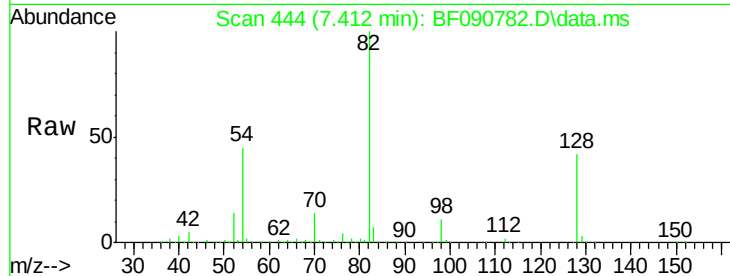
Tot Ion: 82 Resp: 953337

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: 9.892 min Scan# 661

Delta R.T. 0.044 min

Lab File: BF090782.D

Acq: 23 Oct 2016 00:16

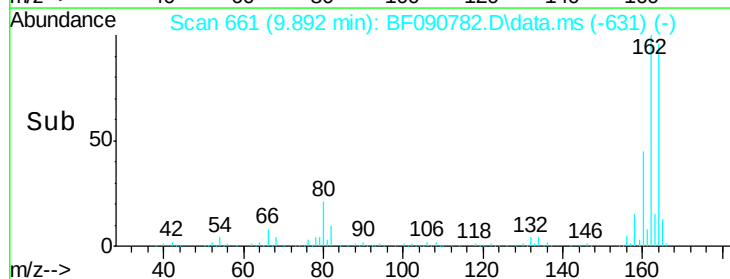
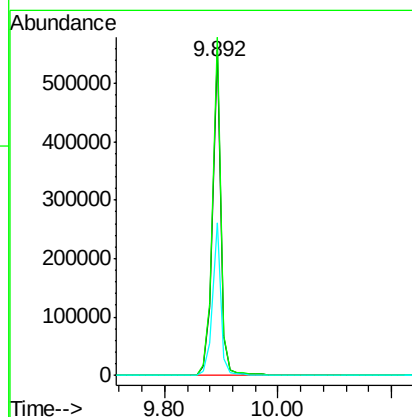
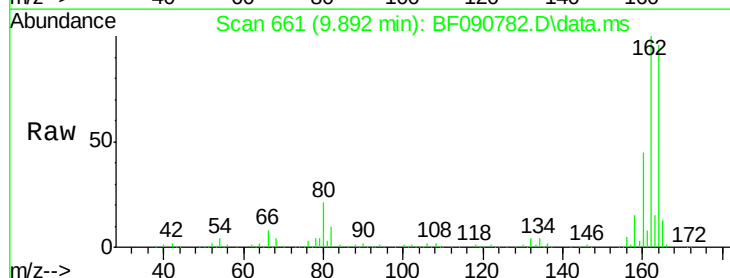
Tgt Ion: 164 Resp: 541658

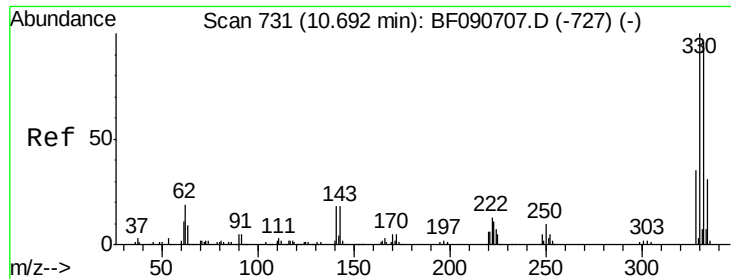
Ion Ratio Lower Upper

164 100

162 103.8 75.2 112.8

160 46.7 31.5 47.3

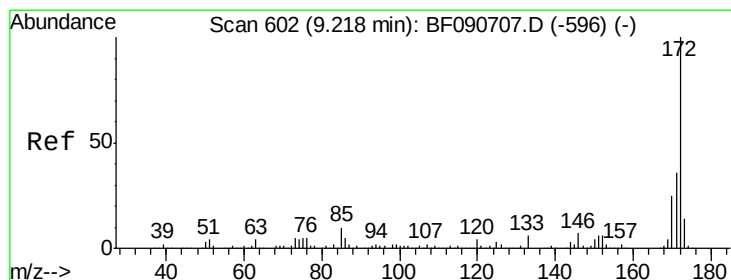
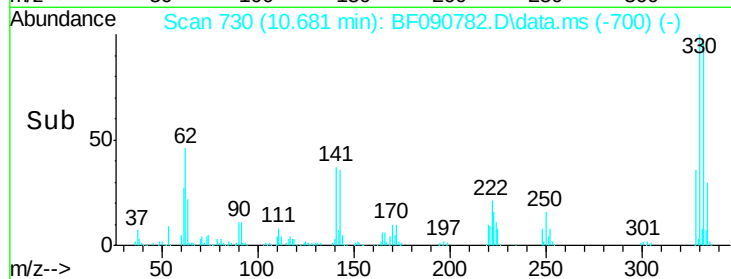
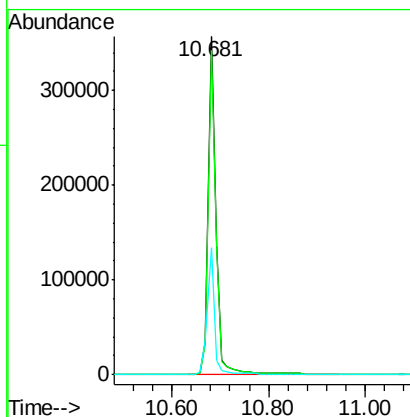
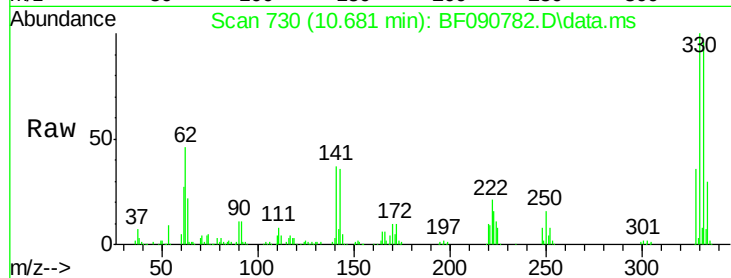




#41
 2,4,6-Tribromophenol
 Concen: 93.70 ng
 RT: 10.681 min Scan# 731
 Delta R.T. 0.044 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

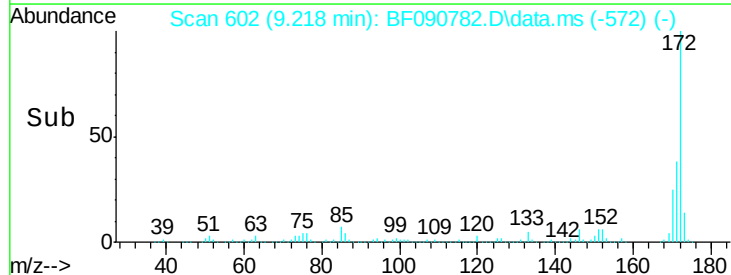
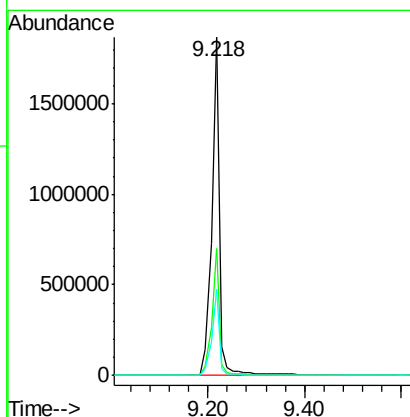
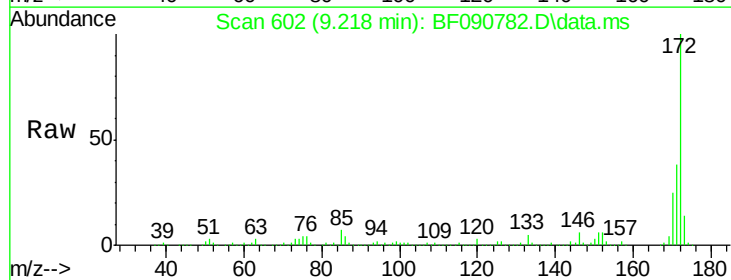
Instrument :
 BNA_F
 ClientSampleId :
 FB-101916

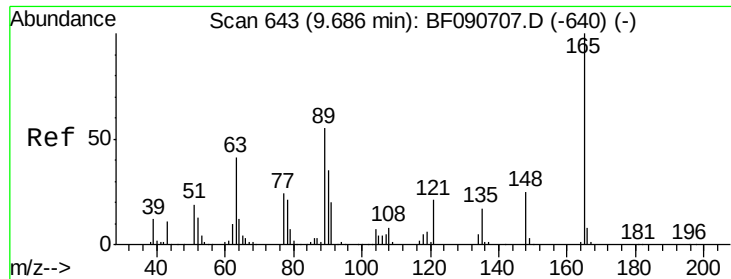
Tot Ion:330 Resp: 401722
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.6 114.8
 141 34.5 29.7 44.5



#44
 2-Fluorobiphenyl
 Concen: 60.78 ng
 RT: 9.218 min Scan# 602
 Delta R.T. 0.044 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

Tgt Ion:172 Resp: 2120785
 Ion Ratio Lower Upper
 172 100
 171 37.6 26.1 39.1
 170 25.2 17.4 26.2

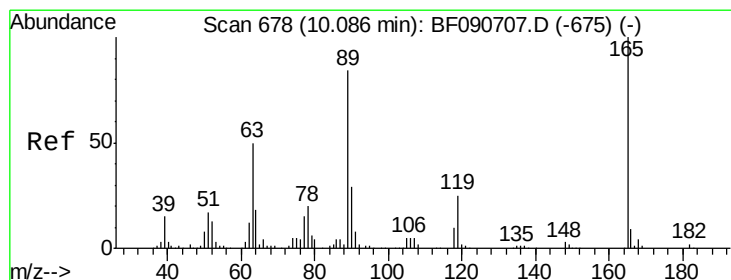
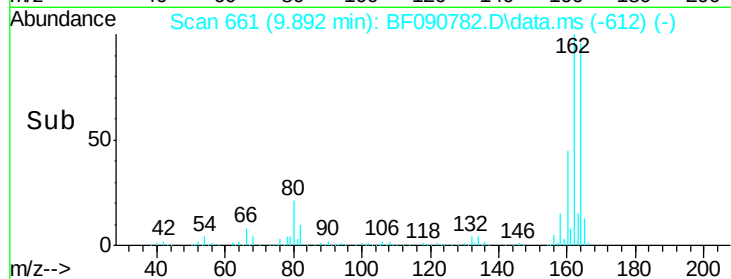
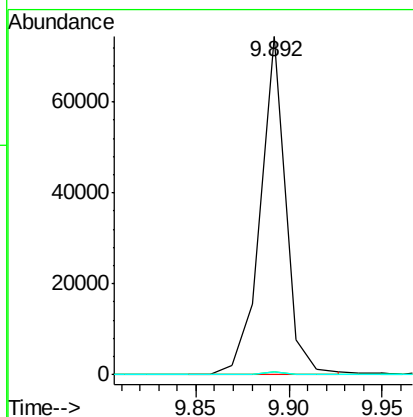
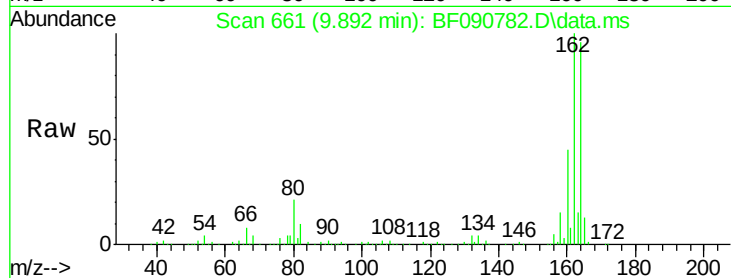




#50
2,6-Dinitrotoluene
Concen: 9.52 ng
RT: 9.892 min Scan# 661
Delta R.T. 0.261 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

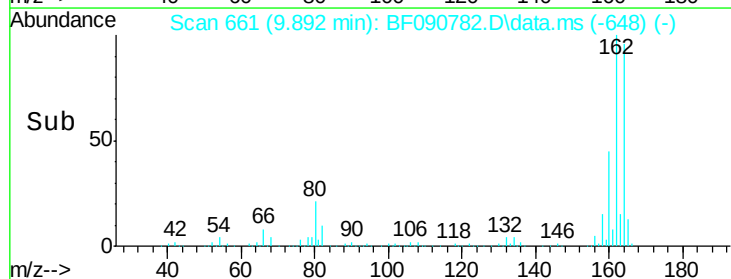
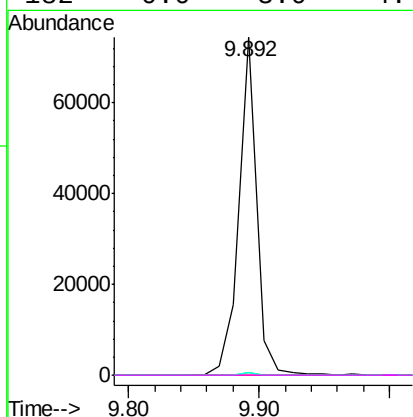
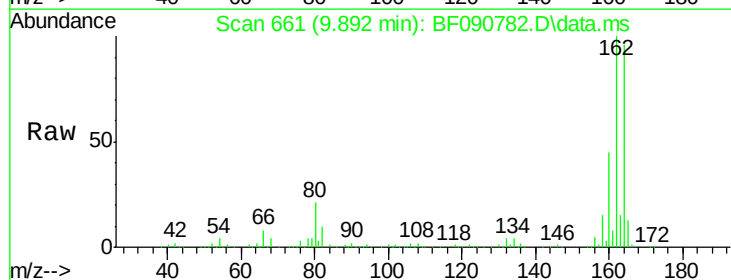
Instrument :
BNA_F
ClientSampleId :
FB-101916

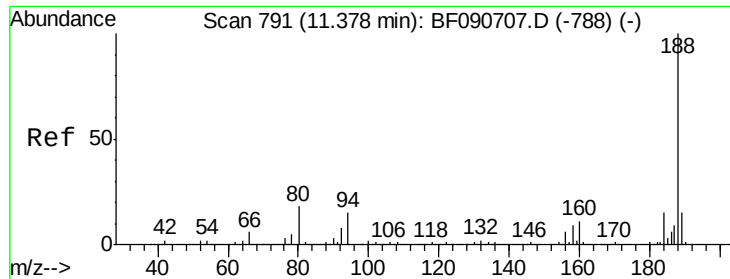
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.8	32.3	48.5#
89	0.8	28.6	43.0#



#56
2,4-Dinitrotoluene
Concen: 7.84 ng
RT: 9.892 min Scan# 661
Delta R.T. -0.150 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	29.8	44.6#
89	0.8	44.5	66.7#
182	0.0	3.0	4.4#

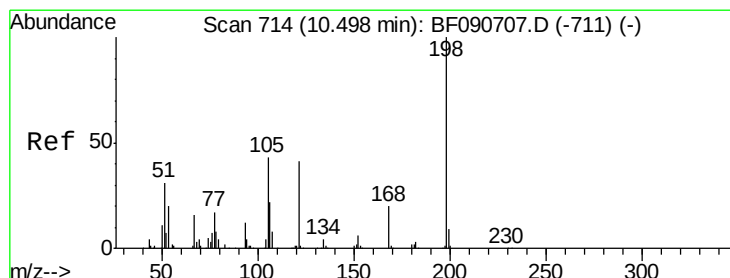
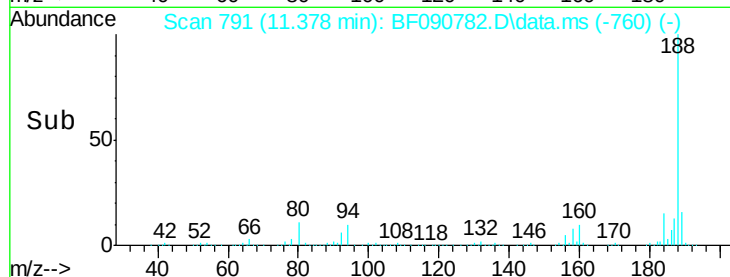
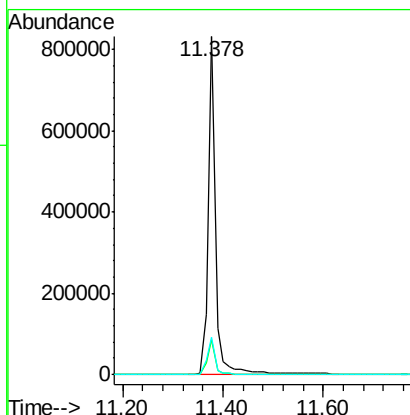
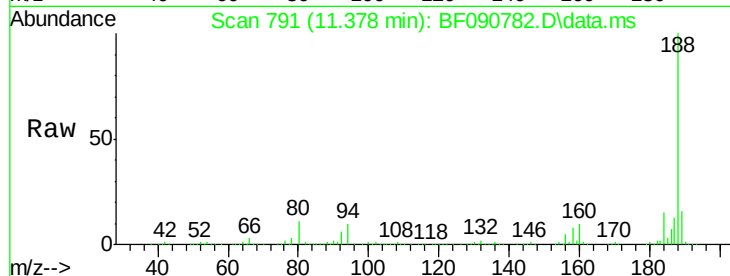




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.378 min Scan# 791
 Delta R.T. 0.056 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

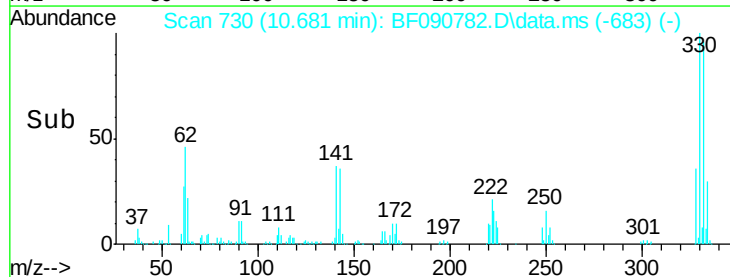
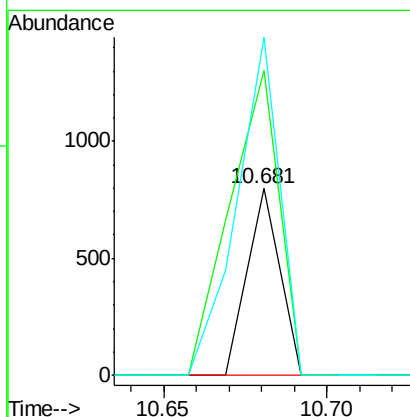
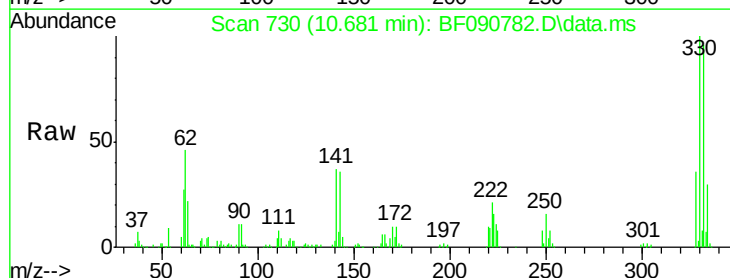
Instrument :
 BNA_F
 ClientSampleId :
 FB-101916

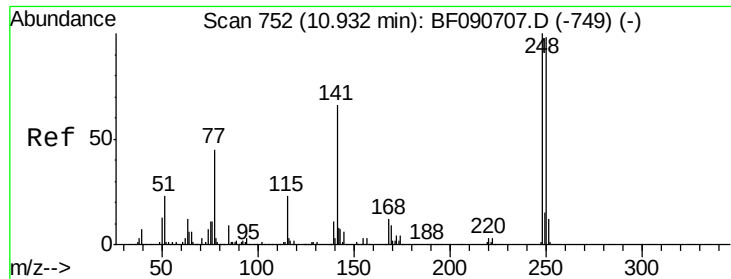
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.1	11.1	16.7#
80	11.0	11.0	16.4



#64
 4,6-Dinitro-2-methylphenol
 Concen: 4.27 ng
 RT: 10.681 min Scan# 730
 Delta R.T. 0.239 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

Tgt Ion	Ratio	Lower	Upper
198	100		
51	163.0	39.6	79.6#
105	180.9	28.5	68.5#

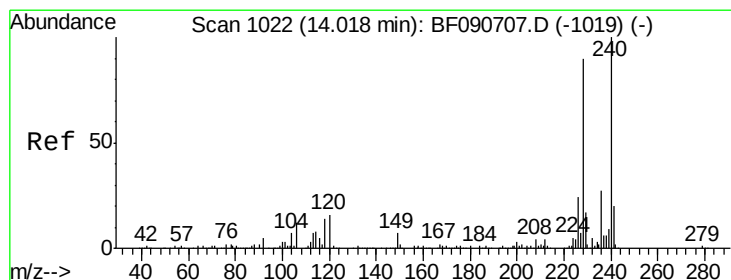
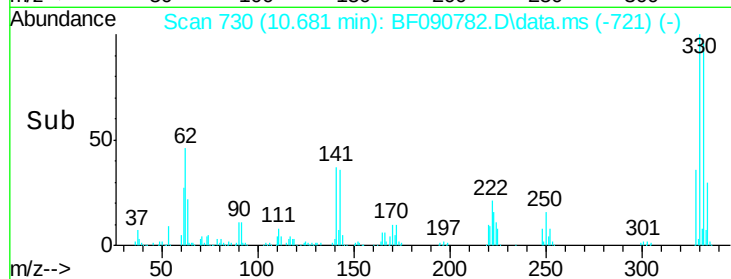
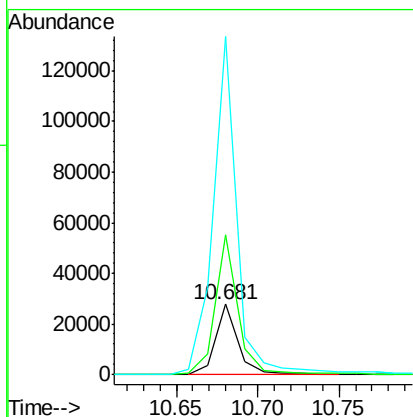
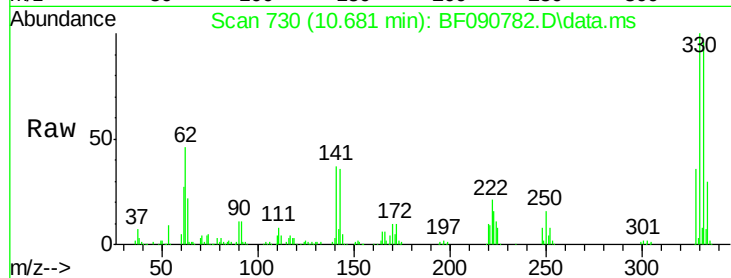




#66
4-Bromophenyl-phenylether
Concen: 3.19 ng
RT: 10.681 min Scan# 731
Delta R.T. -0.196 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

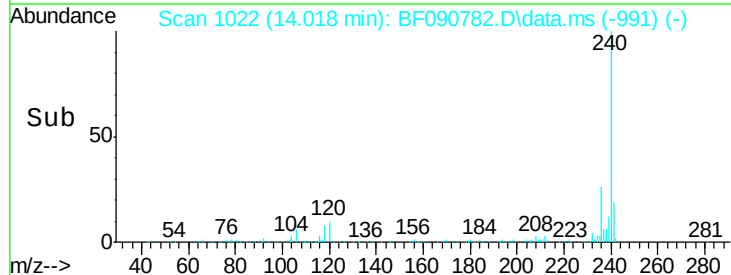
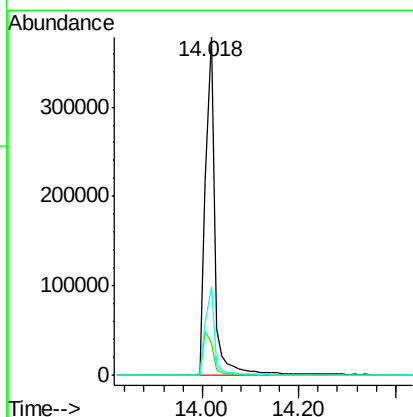
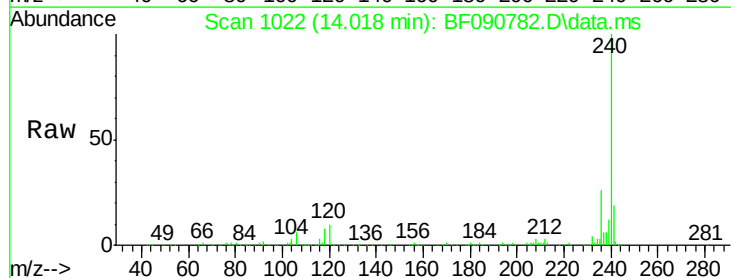
Instrument :
BNA_F
ClientSampleId :
FB-101916

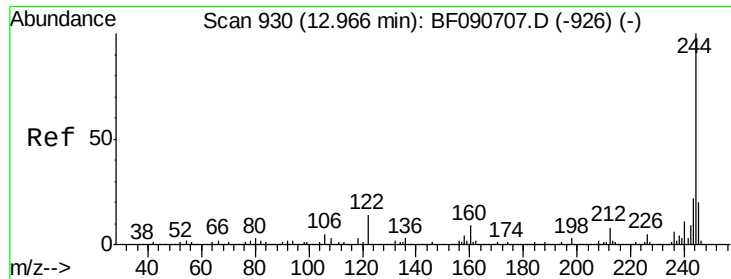
Tot Ion:248 Resp: 26301
Ion Ratio Lower Upper
248 100
250 200.1 78.5 117.7#
141 482.6 59.0 88.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.018 min Scan# 1022
Delta R.T. 0.056 min
Lab File: BF090782.D
Acq: 23 Oct 2016 00:16

Tgt Ion:240 Resp: 510756
Ion Ratio Lower Upper
240 100
120 9.6 16.2 24.2#
236 26.2 18.4 27.6

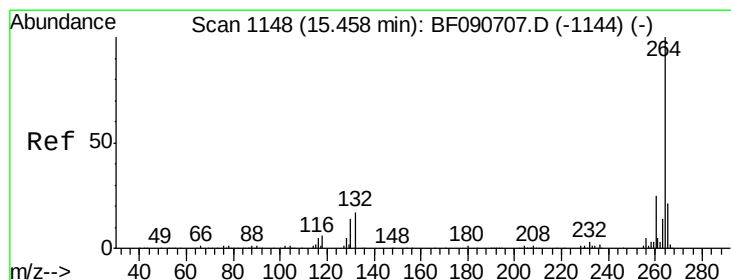
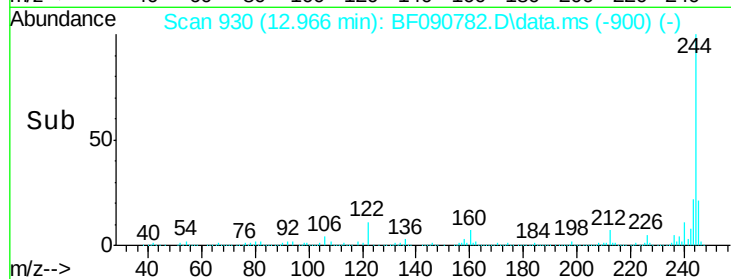
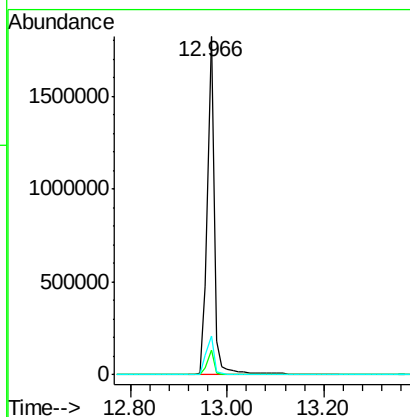
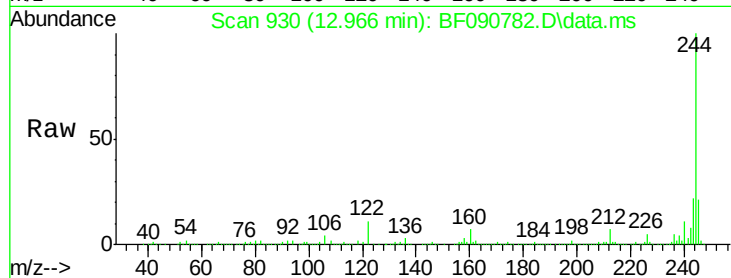




#78
 Terphenyl-d14
 Concen: 82.49 ng
 RT: 12.966 min Scan# 930
 Delta R.T. 0.044 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

Instrument :
 BNA_F
 ClientSampleId :
 FB-101916

Tot Ion:244 Resp: 1838343
 Ion Ratio Lower Upper
 244 100
 212 7.3 4.3 6.5#
 122 11.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.447 min Scan# 1147
 Delta R.T. 0.067 min
 Lab File: BF090782.D
 Acq: 23 Oct 2016 00:16

Tgt Ion:264 Resp: 374033
 Ion Ratio Lower Upper
 264 100
 260 24.9 16.7 25.1
 265 21.3 17.2 25.8

