

Data Path : Z:\HPCHEM1\BNA F\Data\BF072616\
 Data File : BF089305.D
 Acq On : 26 Jul 2016 11:08
 Operator : UM/SJ
 Sample : H4207-06
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 NW-1

Quant Time: Jul 26 12:13:24 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

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

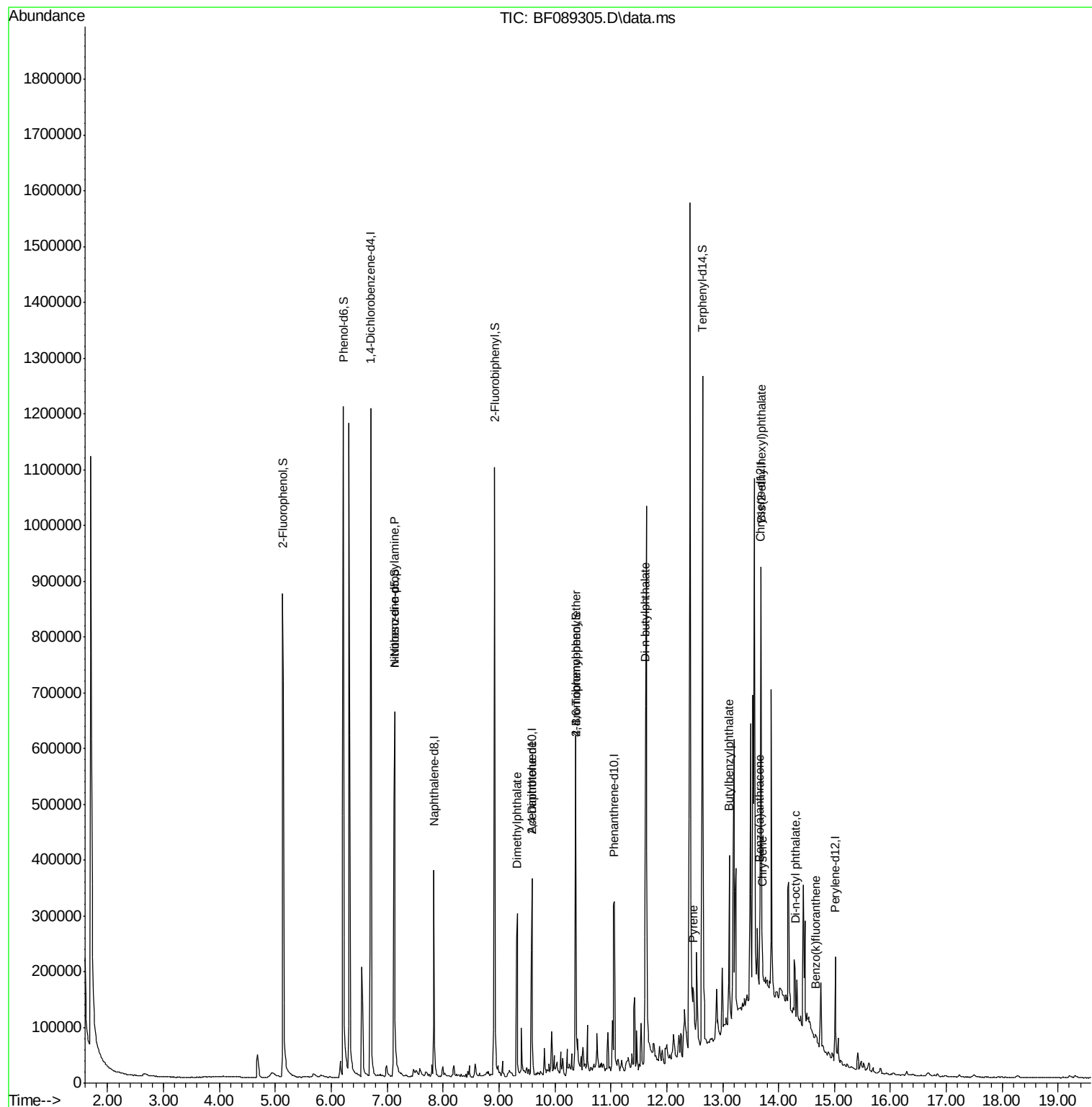
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.707	152	182511	20.00	ng	0.14
21) Naphthalene-d8	7.839	136	195881	20.00	ng	-0.01
38) Acenaphthene-d10	9.588	164	87794	20.00	ng	-0.01
63) Phenanthrene-d10	11.062	188	173083	20.00	ng	-0.01
75) Chrysene-d12	13.679	240	120474	20.00	ng	-0.01
86) Perylene-d12	15.017	264	78345	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.130	112	406666	33.89	ng	-0.01
7) Phenol-d6	6.216	99	543869	35.14	ng	-0.01
23) Nitrobenzene-d5	7.130	82	350313	95.02	ng	-0.01
41) 2,4,6-Tribromophenol	10.376	330	96639	122.26	ng	-0.01
44) 2-Fluorobiphenyl	8.925	172	519854	81.59	ng	-0.01
78) Terphenyl-d14	12.639	244	511733	92.13	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.216	77	819	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	7.130	70	48095	4.75	ng	# 78
49) Dimethylphthalate	9.325	163	180087	26.73	ng	99
56) 2,4-Dinitrotoluene	9.588	165	10618	5.42	ng	# 10
66) 4-Bromophenyl-phenylether	10.376	248	6894	4.02	ng	# 1
73) Di-n-butylphthalate	11.622	149	91005	8.49	ng	99
77) Pyrene	12.468	202	23110	2.32	ng	97
79) Butylbenzylphthalate	13.119	149	56569	13.44	ng	99
80) Benzo(a)anthracene	13.668	228	19959	2.60	ng	99
82) Chrysene	13.702	228	21603	2.95	ng	95
83) Bis(2-ethylhexyl)phtha...	13.691	149	239881	42.97	ng	# 94
84) Di-n-octyl phthalate	14.297	149	74908	8.13	ng	# 69
88) Benzo(k)fluoranthene	14.662	252	8409	2.07	ng	# 72

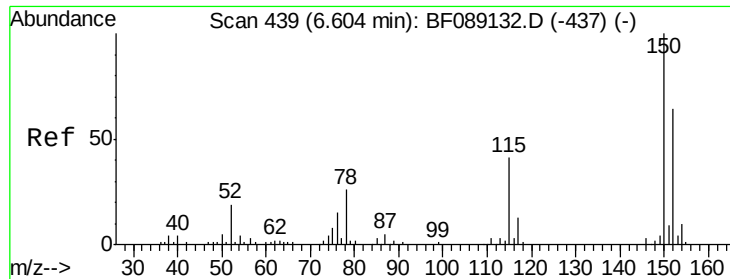
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.707 min Scan# 44

Delta R.T. 0.137 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

ClientSampleId :

NW-1

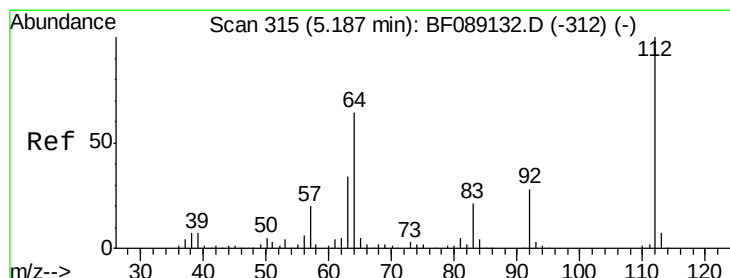
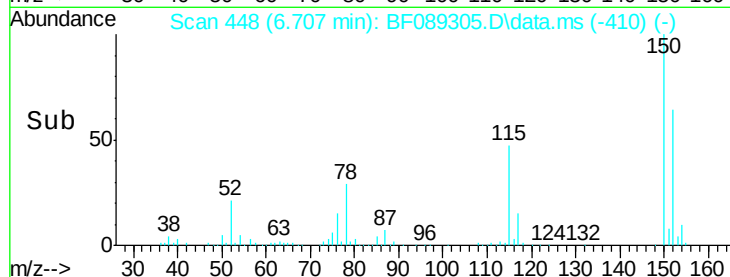
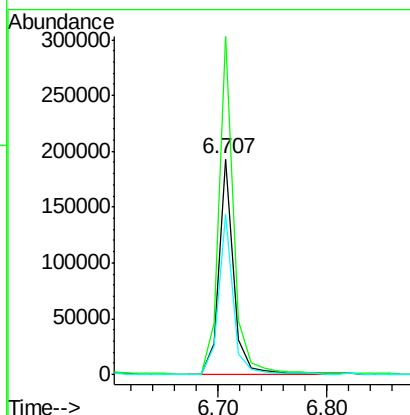
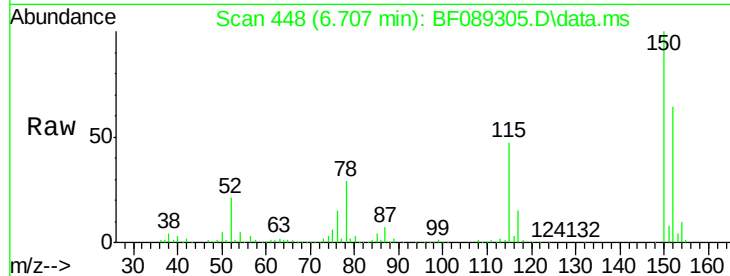
Tot Ion:152 Resp: 182511

Ion Ratio Lower Upper

152 100

150 156.8 125.1 187.7

115 74.5 51.1 76.7



#5

2-Fluorophenol

Concen: 33.89 ng

RT: 5.130 min Scan# 310

Delta R.T. -0.011 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

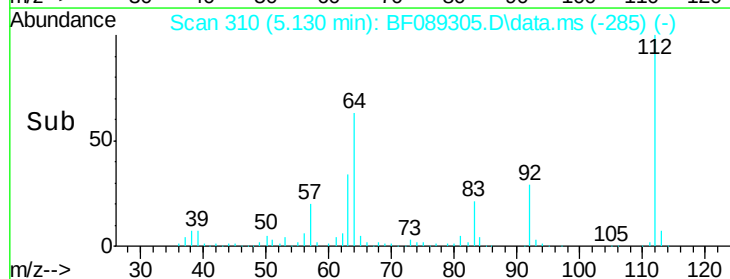
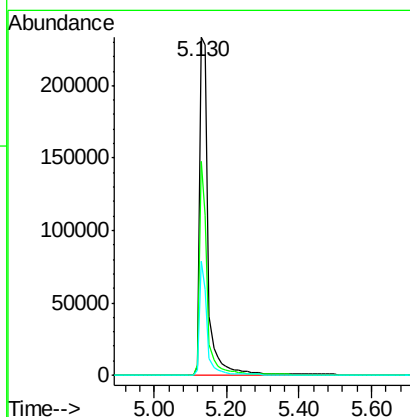
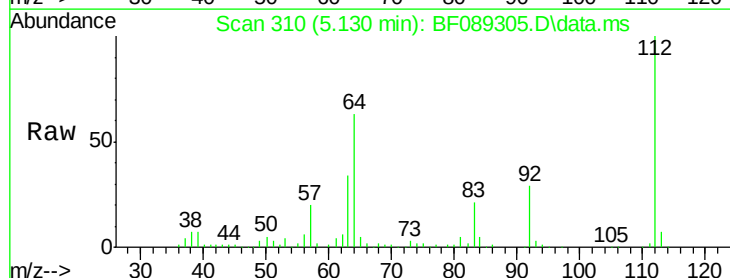
Tgt Ion:112 Resp: 406666

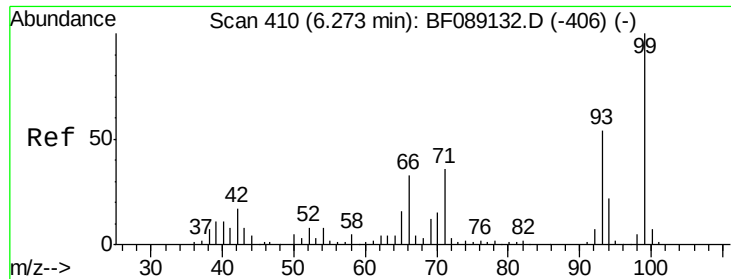
Ion Ratio Lower Upper

112 100

64 63.4 51.0 76.4

63 33.9 27.3 40.9





#7

Phenol-d6

Concen: 35.14 ng

RT: 6.216 min Scan# 40

Delta R.T. -0.011 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

ClientSampleId :

NW-1

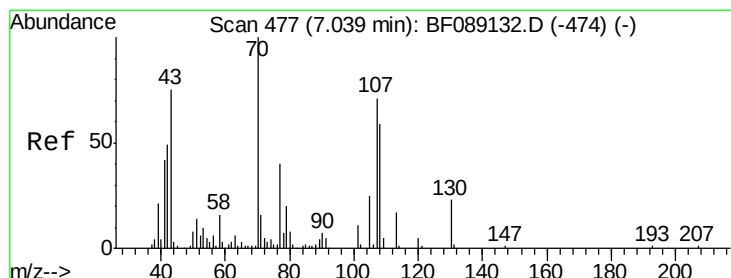
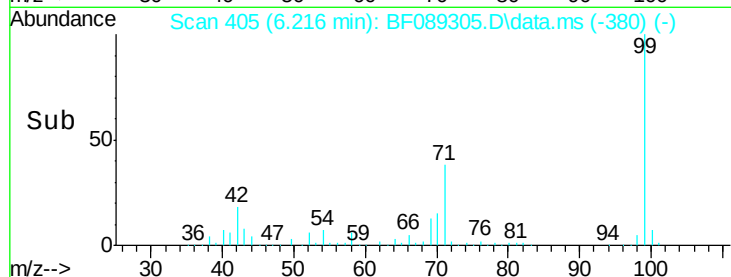
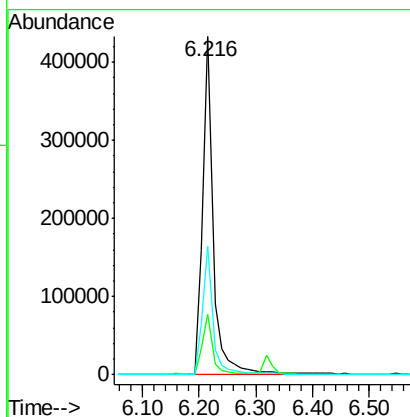
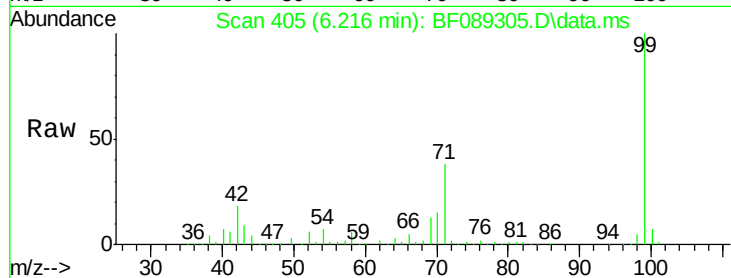
Tot Ion: 99 Resp: 543869

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

71 37.9 28.9 43.3



#19

n-Nitroso-di-n-propylamine

Concen: 4.75 ng

RT: 7.130 min Scan# 485

Delta R.T. 0.126 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Tgt Ion: 70 Resp: 48095

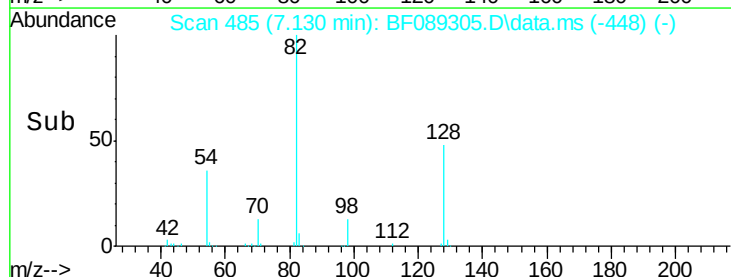
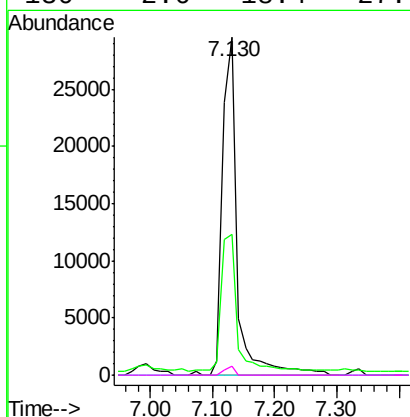
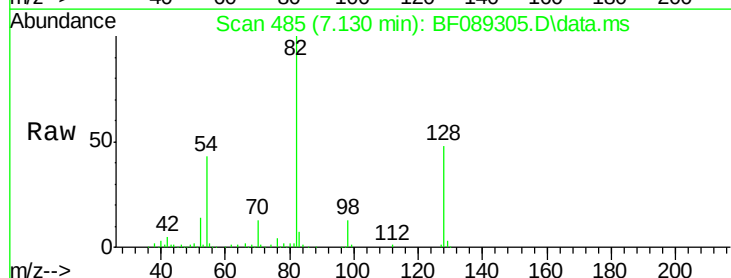
Ion Ratio Lower Upper

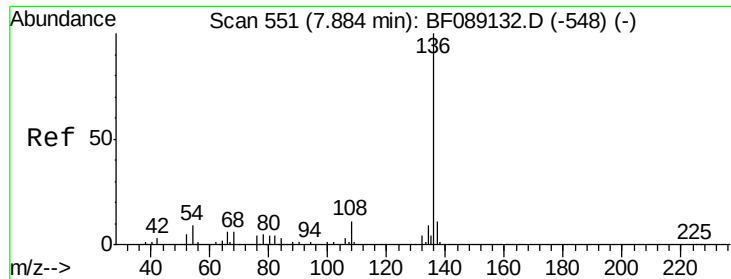
70 100

42 41.7 39.2 58.8

101 0.0 8.5 12.7#

130 2.6 18.4 27.6#

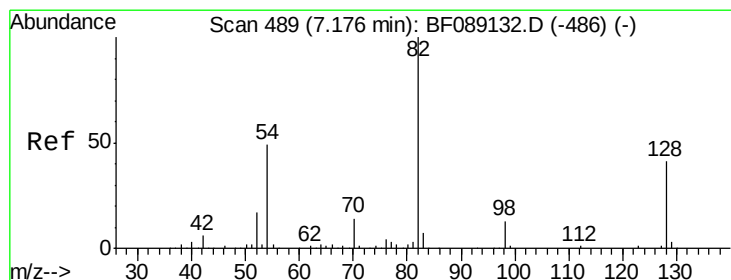
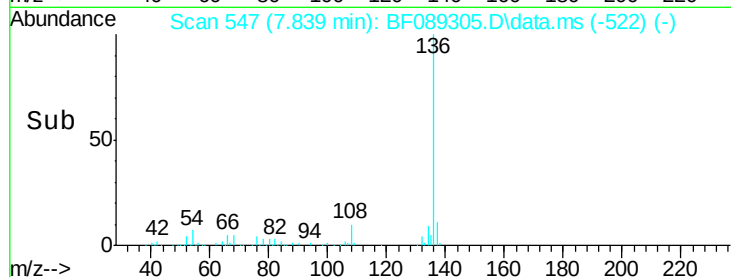
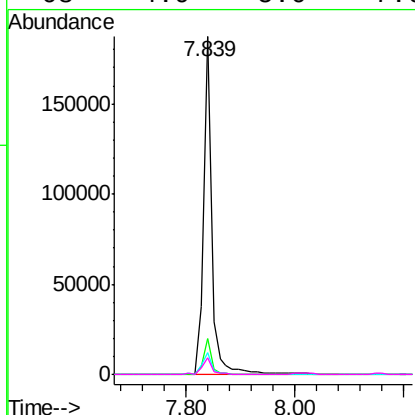
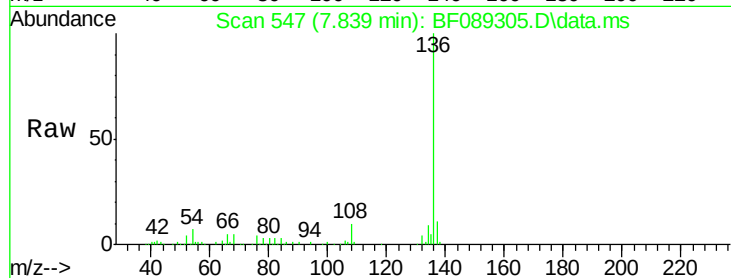




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.839 min Scan# 54
Delta R.T. -0.011 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

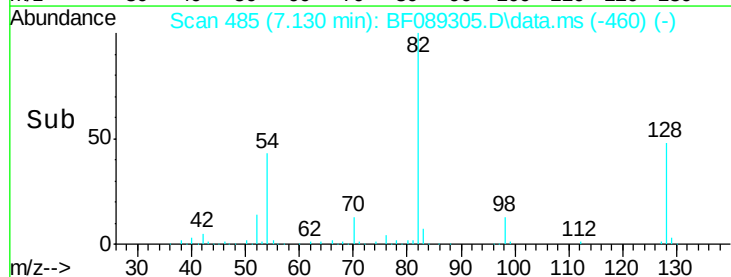
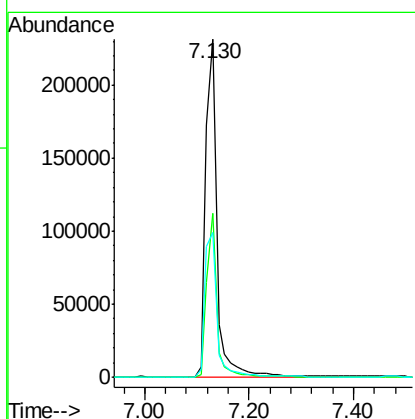
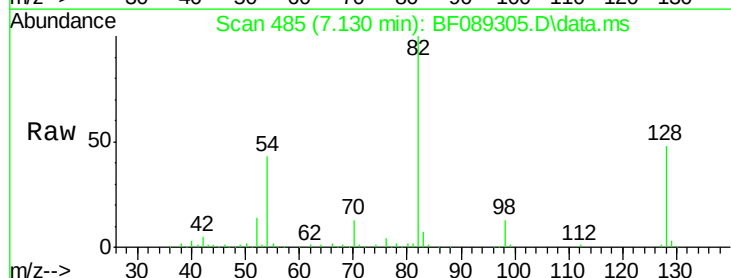
Instrument :
BNA_F
ClientSampleId :
NW-1

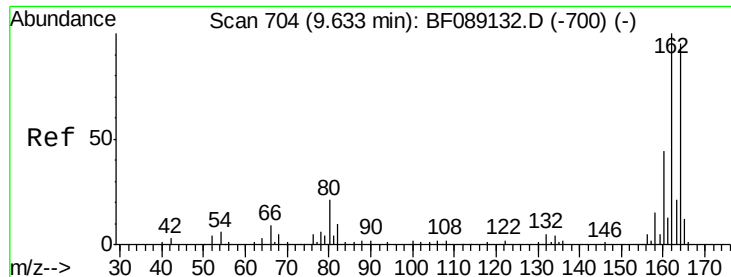
Tot Ion:136	Resp:	195881
Ion Ratio	Lower	Upper
136	100	
137	10.8	8.8 13.2
54	6.6	7.0 10.4#
68	4.9	5.0 7.6#



#23
Nitrobenzene-d5
Concen: 95.02 ng
RT: 7.130 min Scan# 485
Delta R.T. -0.011 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion: 82	Resp:	350313
Ion Ratio	Lower	Upper
82	100	
128	48.4	33.0 49.6
54	42.7	39.0 58.4





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.588 min Scan# 70

Delta R.T. -0.011 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

ClientSampleId :

NW-1

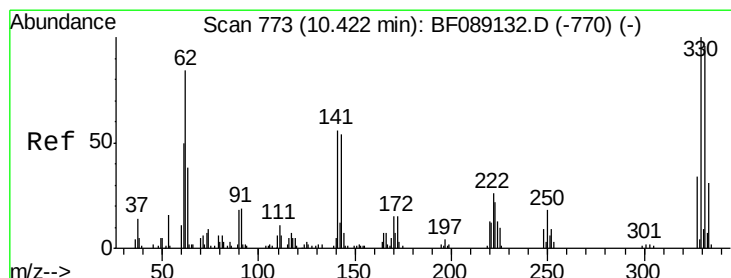
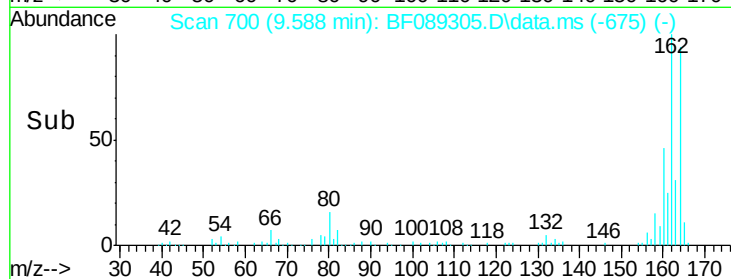
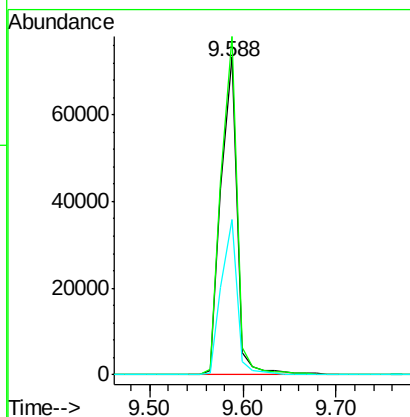
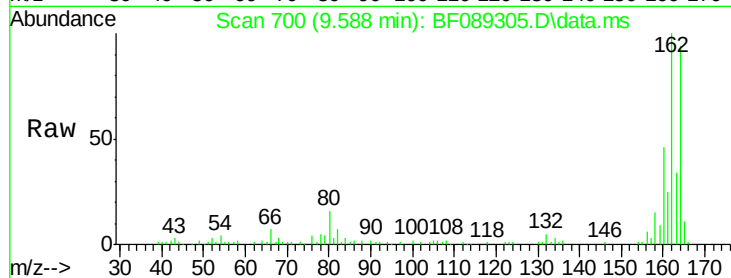
Tot Ion:164 Resp: 87794

Ion Ratio Lower Upper

164 100

162 106.3 84.1 126.1

160 48.8 37.1 55.7



#41

2,4,6-Tribromophenol

Concen: 122.26 ng

RT: 10.376 min Scan# 769

Delta R.T. -0.011 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

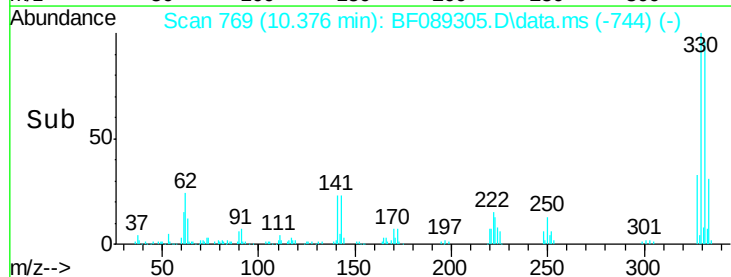
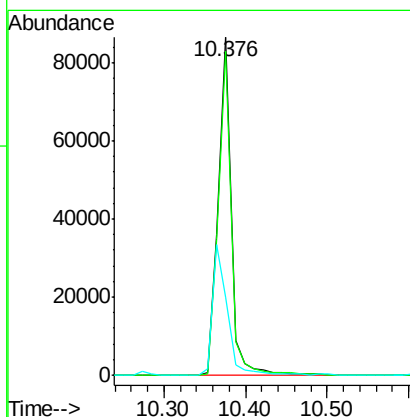
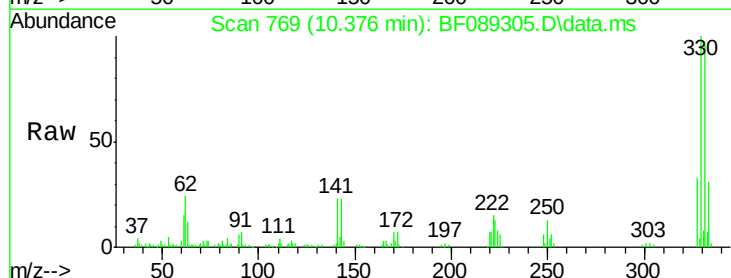
Tgt Ion:330 Resp: 96639

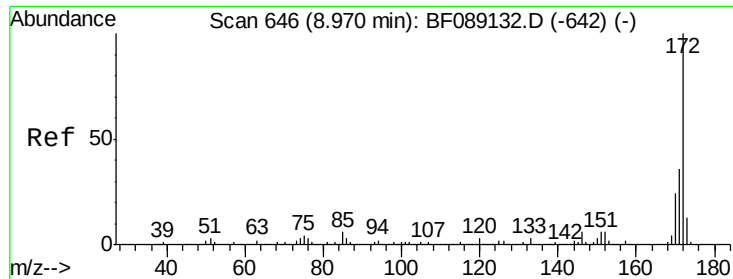
Ion Ratio Lower Upper

330 100

332 96.1 77.2 115.8

141 44.3 42.2 63.2

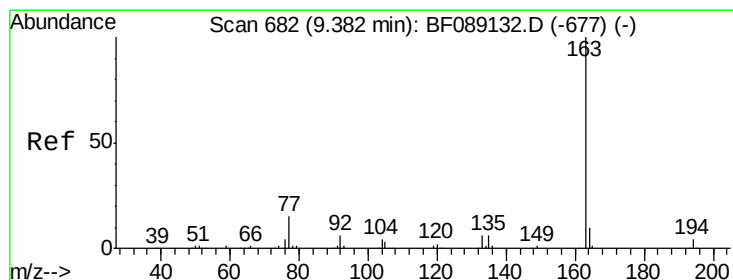
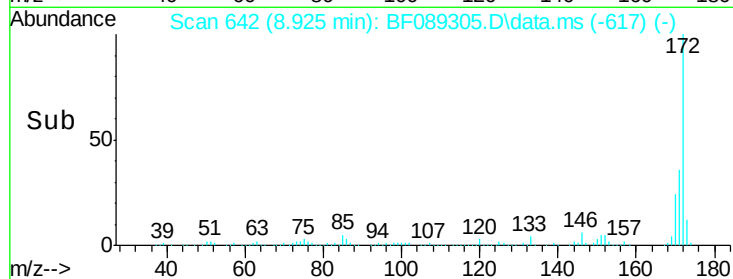
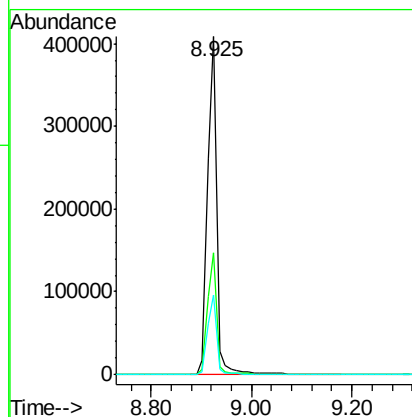
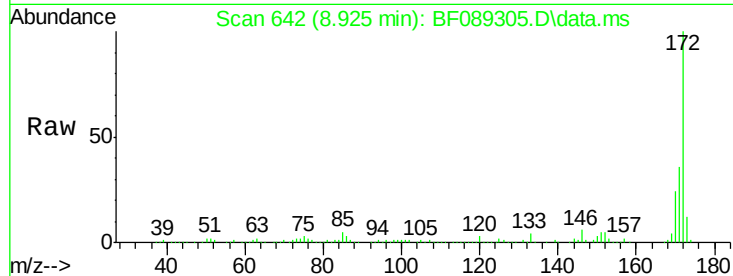




#44
2-Fluorobiphenyl
Concen: 81.59 ng
RT: 8.925 min Scan# 64
Delta R.T. -0.011 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

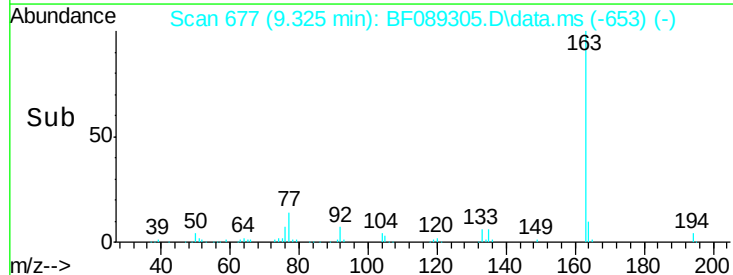
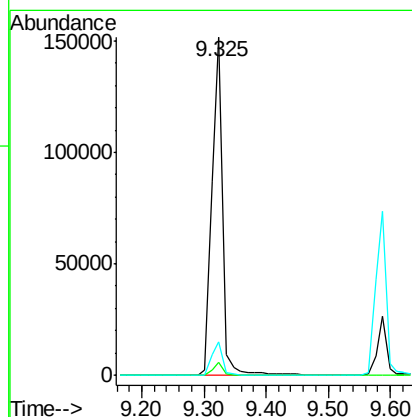
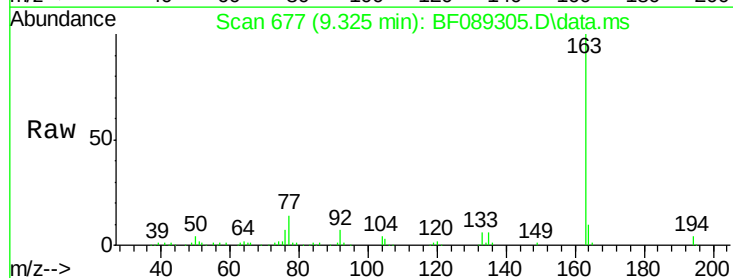
Instrument :
BNA_F
ClientSampleId :
NW-1

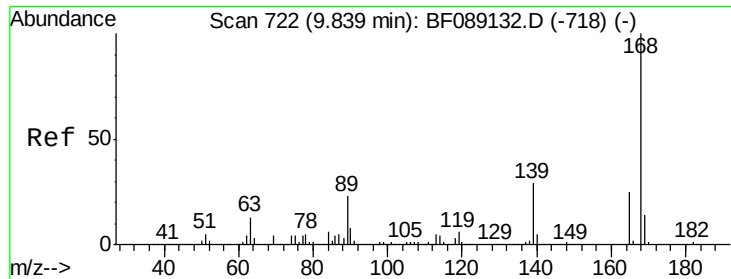
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.2	43.8
170	23.6	19.1	28.7



#49
Dimethylphthalate
Concen: 26.73 ng
RT: 9.325 min Scan# 677
Delta R.T. -0.023 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.9	2.9	4.3
164	9.9	7.6	11.4

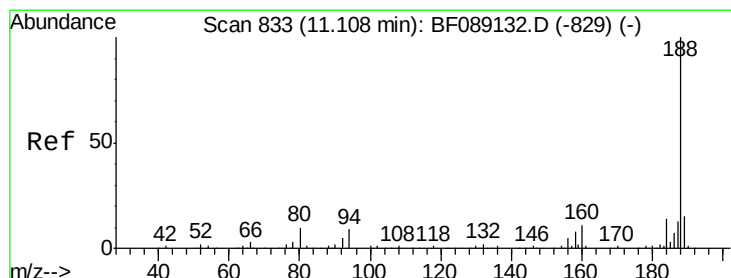
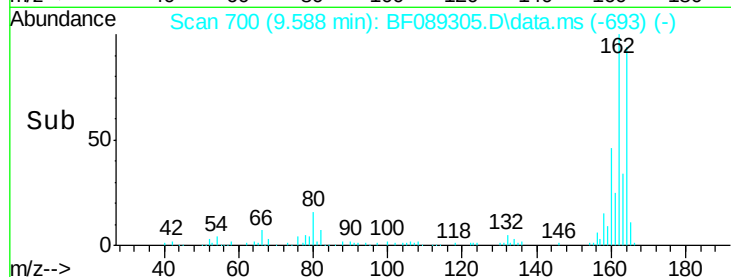
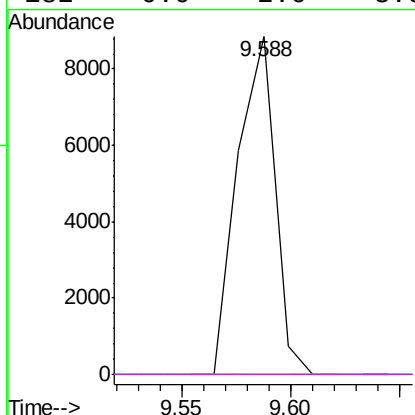
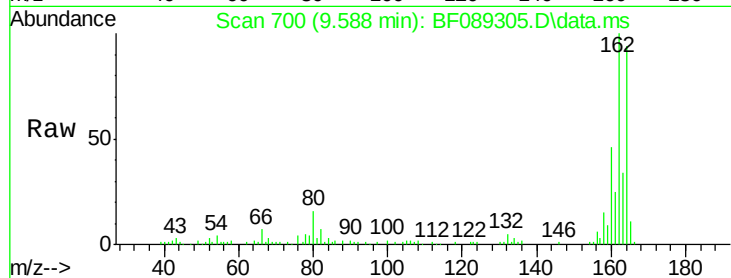




#56
 2,4-Dinitrotoluene
 Concen: 5.42 ng
 RT: 9.588 min Scan# 70
 Delta R.T. -0.217 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

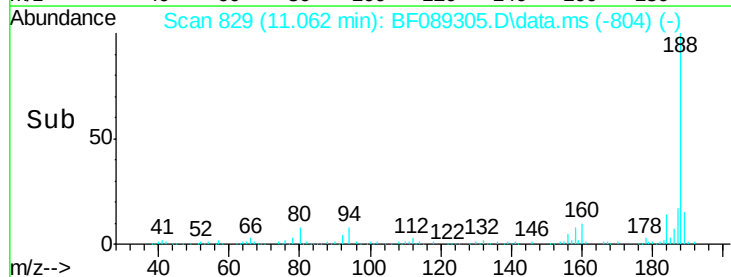
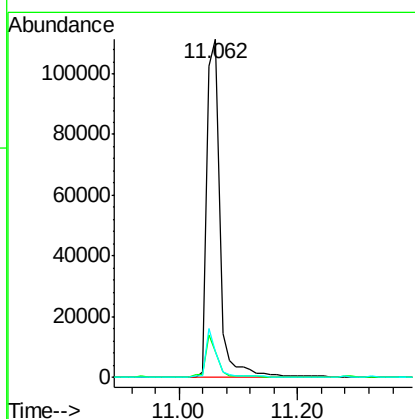
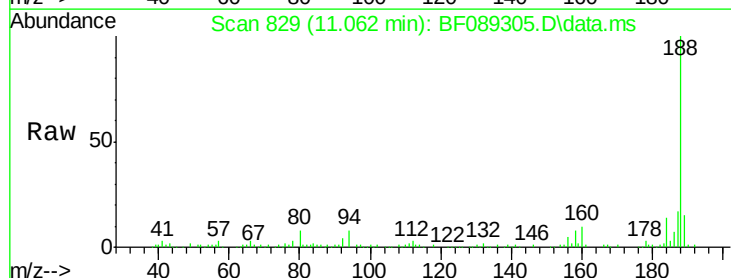
Instrument :
 BNA_F
 ClientSampleId :
 NW-1

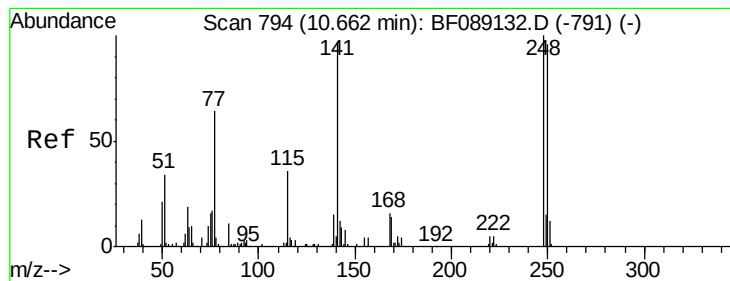
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	55.4	83.2#
89	0.0	74.3	111.5#
182	0.0	2.0	3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.062 min Scan# 829
 Delta R.T. -0.011 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	7.0	10.4
80	7.8	7.7	11.5





#66

4-Bromophenyl-phenylether

Concen: 4.02 ng

RT: 10.376 min Scan# 76

Delta R.T. -0.251 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

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ClientSampleId :

NW-1

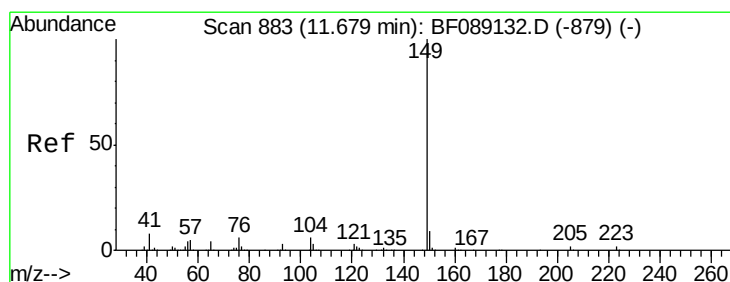
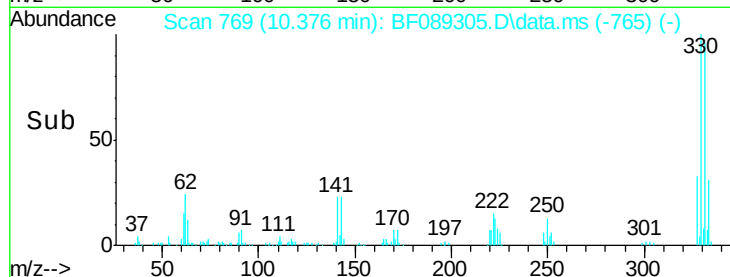
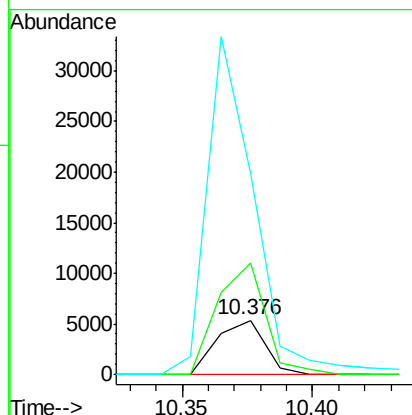
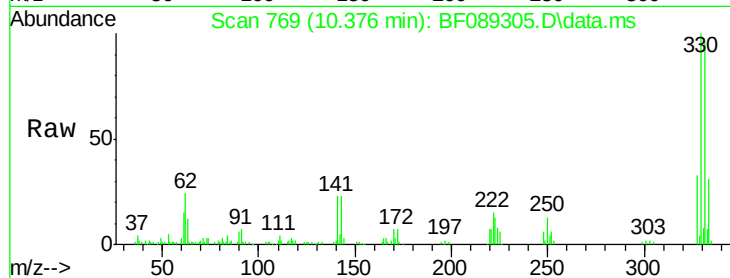
Tot Ion:248 Resp: 6894

Ion Ratio Lower Upper

248 100

250 204.4 76.9 115.3#

141 371.1 77.4 116.2#



#73

Di-n-butylphthalate

Concen: 8.49 ng

RT: 11.622 min Scan# 878

Delta R.T. -0.023 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

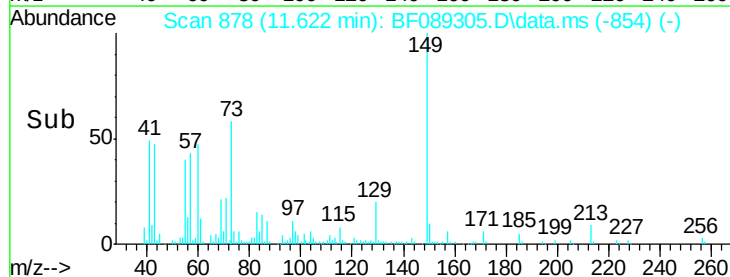
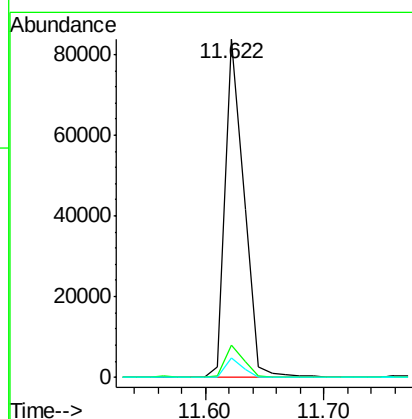
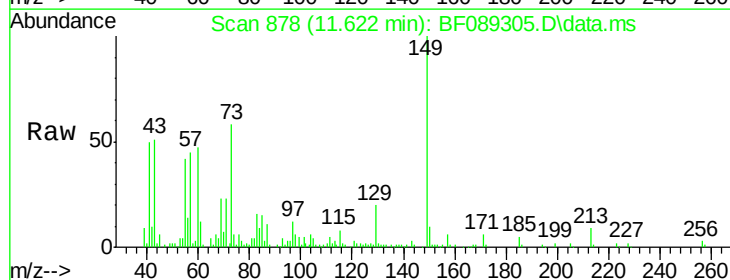
Tgt Ion:149 Resp: 91005

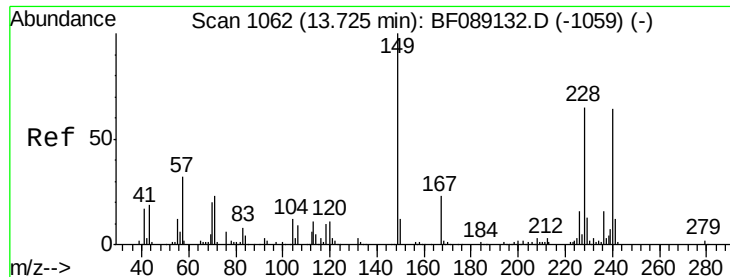
Ion Ratio Lower Upper

149 100

150 9.5 7.4 11.2

104 5.9 4.6 6.8





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.679 min Scan# 10

Delta R.T. -0.011 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

ClientSampleId :

NW-1

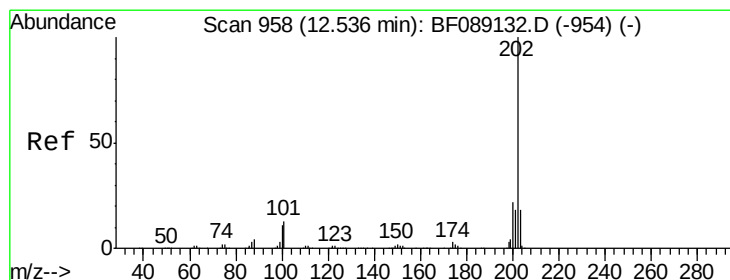
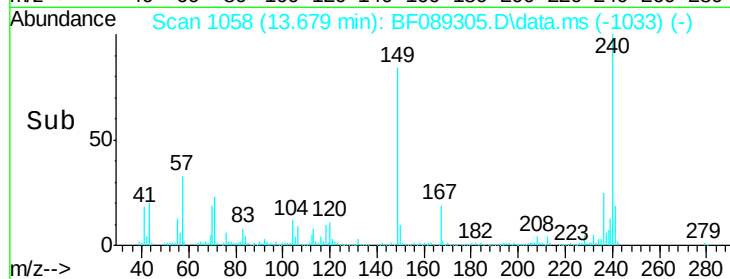
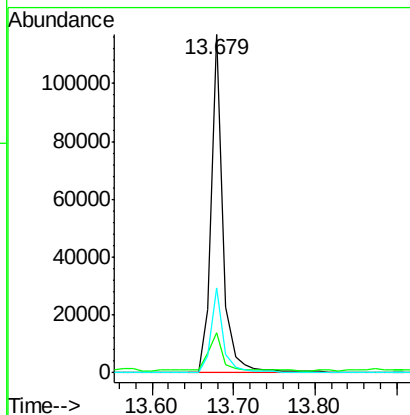
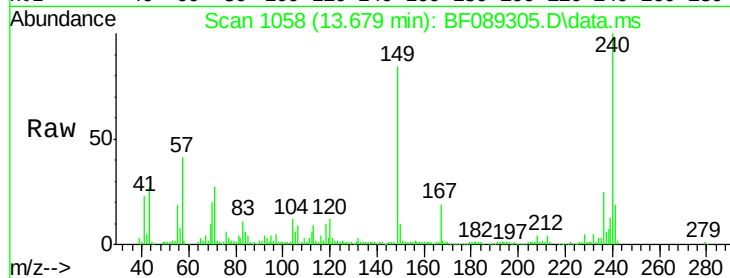
Tot Ion:240 Resp: 120474

Ion Ratio Lower Upper

240 100

120 11.7 13.6 20.4#

236 25.0 20.5 30.7



#77

Pyrene

Concen: 2.32 ng

RT: 12.468 min Scan# 952

Delta R.T. -0.023 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

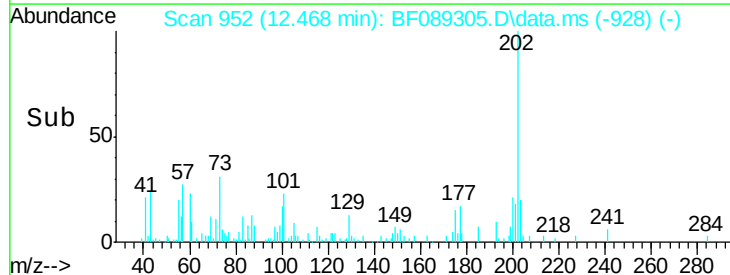
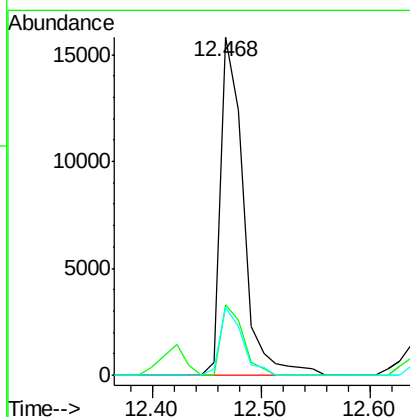
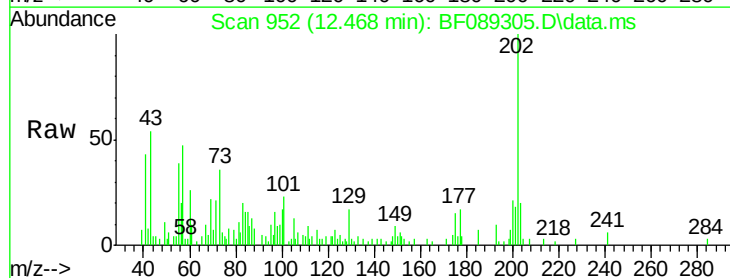
Tgt Ion:202 Resp: 23110

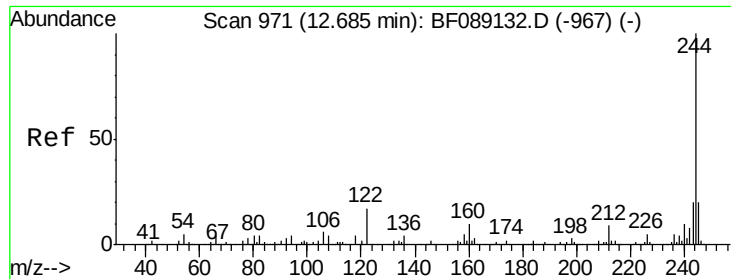
Ion Ratio Lower Upper

202 100

200 20.9 17.4 26.0

203 19.9 14.2 21.2





#78

Terphenyl-d14

Concen: 92.13 ng

RT: 12.639 min Scan# 96

Delta R.T. -0.011 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

Instrument :

BNA_F

ClientSampleId :

NW-1

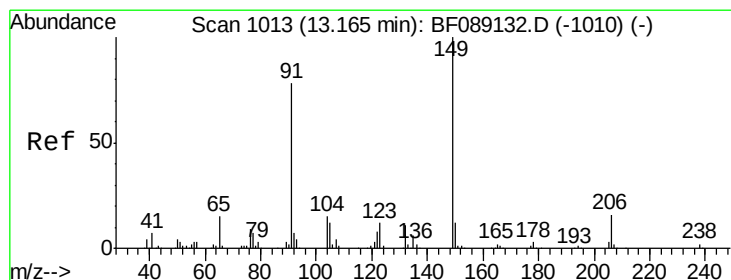
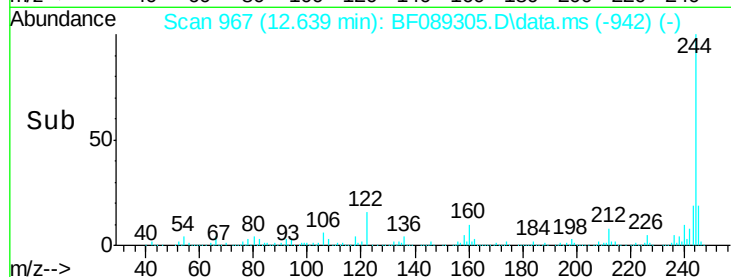
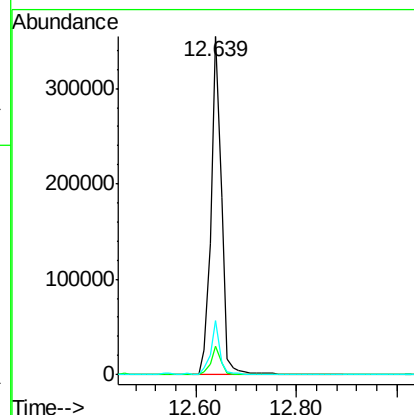
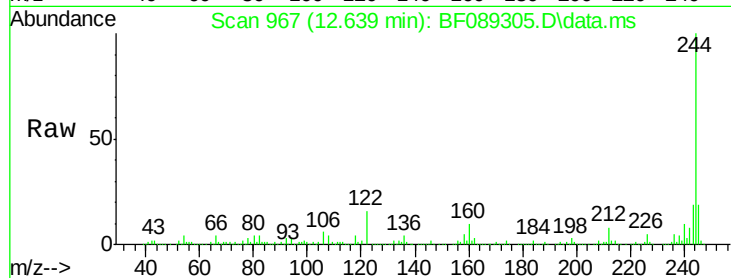
Tot Ion:244 Resp: 511733

Ion Ratio Lower Upper

244 100

212 8.2 7.0 10.4

122 16.1 13.8 20.8



#79

Butylbenzylphthalate

Concen: 13.44 ng

RT: 13.119 min Scan# 1009

Delta R.T. -0.011 min

Lab File: BF089305.D

Acq: 26 Jul 2016 11:08

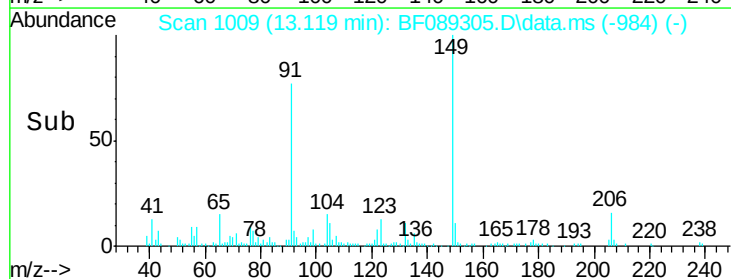
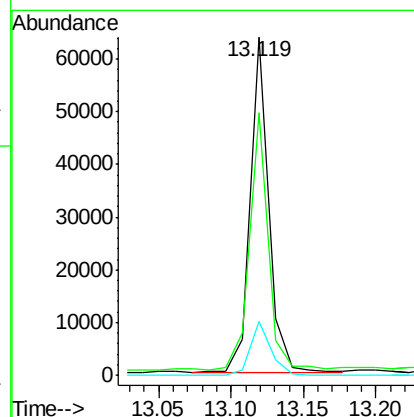
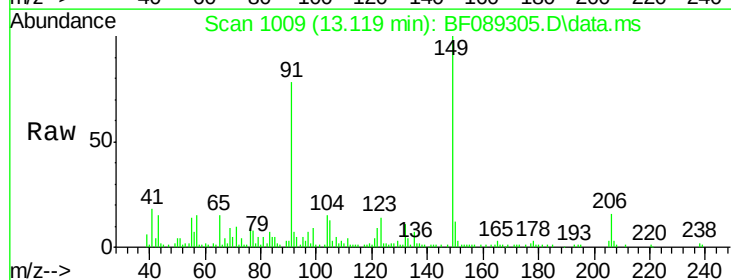
Tgt Ion:149 Resp: 56569

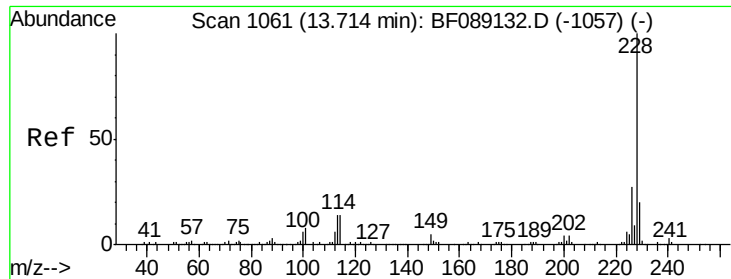
Ion Ratio Lower Upper

149 100

91 77.8 62.6 93.8

206 15.9 13.2 19.8

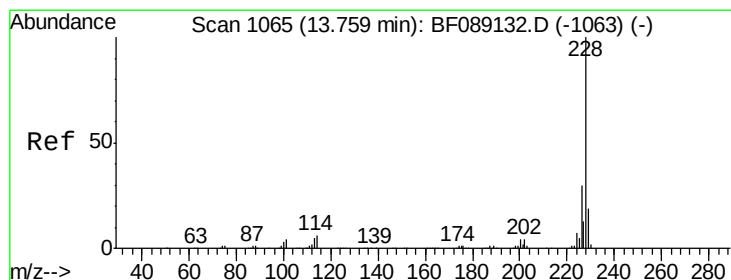
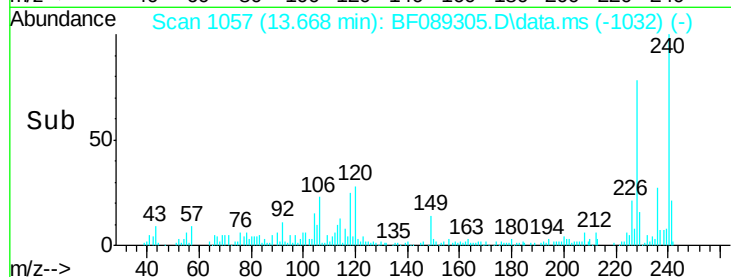
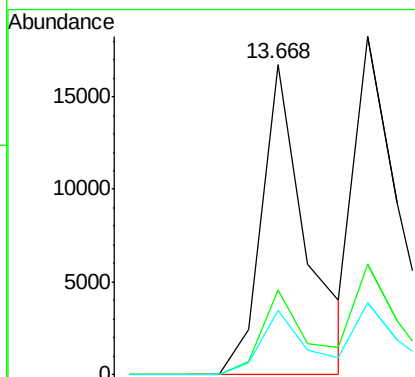
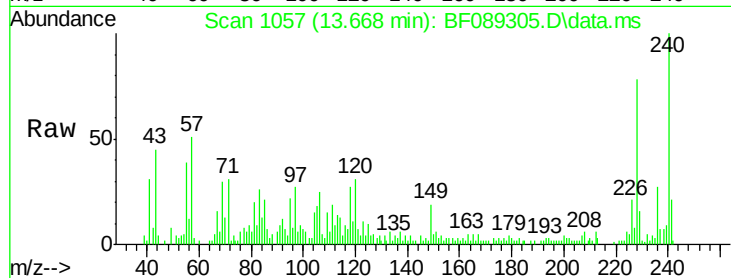




#80
Benzo(a)anthracene
Concen: 2.60 ng
RT: 13.668 min Scan# 1061
Delta R.T. -0.011 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

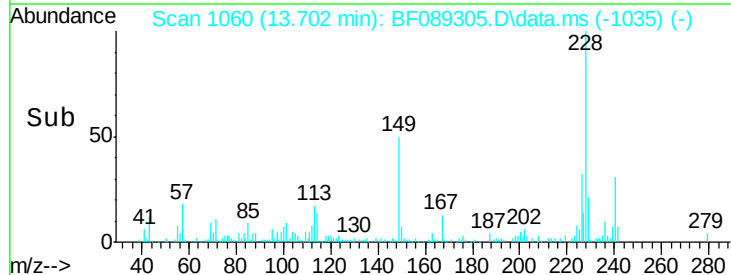
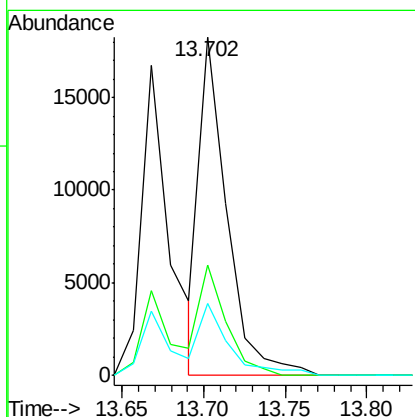
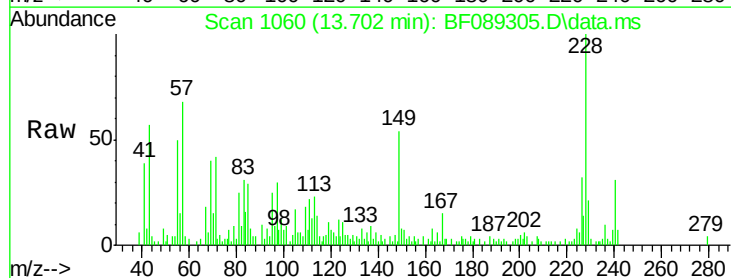
Instrument :
BNA_F
ClientSampleId :
NW-1

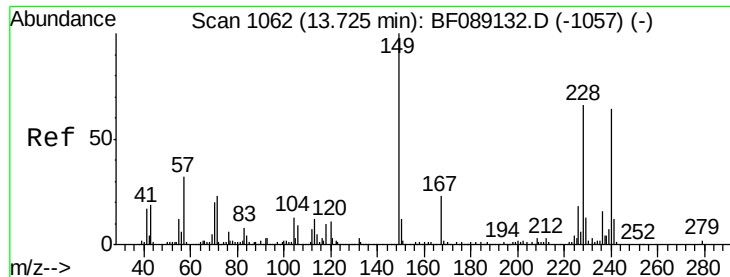
Tot Ion:228 Resp: 19959
Ion Ratio Lower Upper
228 100
226 27.2 21.8 32.8
229 20.9 15.8 23.8



#82
Chrysene
Concen: 2.95 ng
RT: 13.702 min Scan# 1060
Delta R.T. -0.011 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion:228 Resp: 21603
Ion Ratio Lower Upper
228 100
226 32.4 23.8 35.8
229 21.3 15.4 23.0

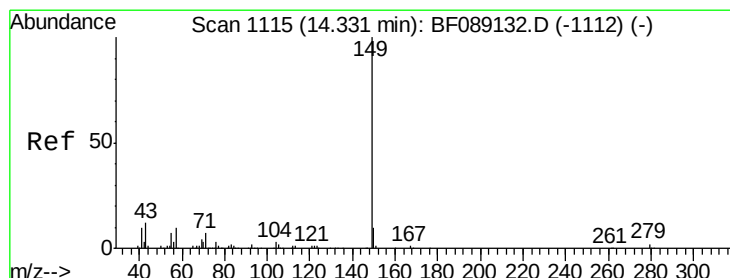
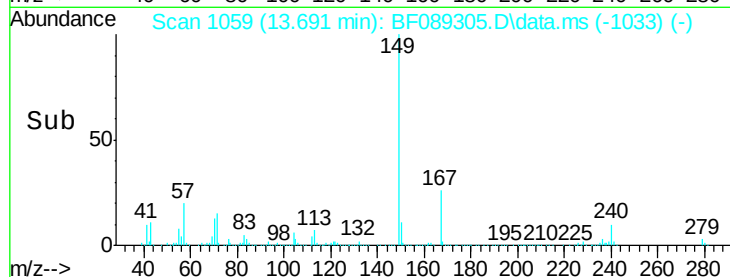
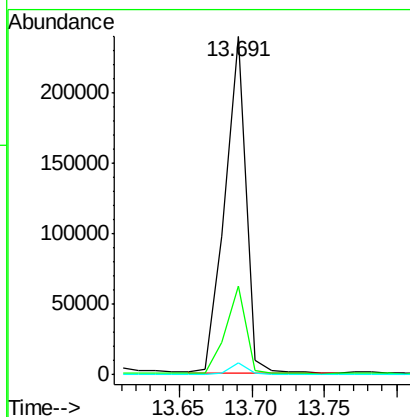
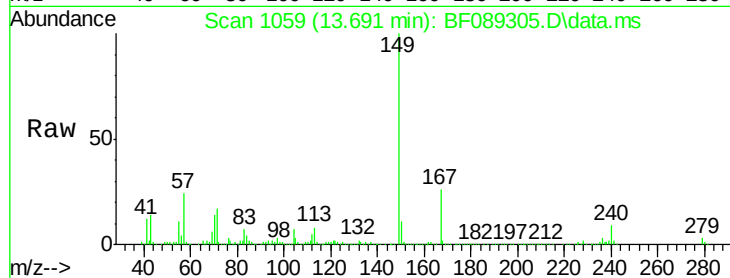




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.97 ng
 RT: 13.691 min Scan# 1062
 Delta R.T. 0.000 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

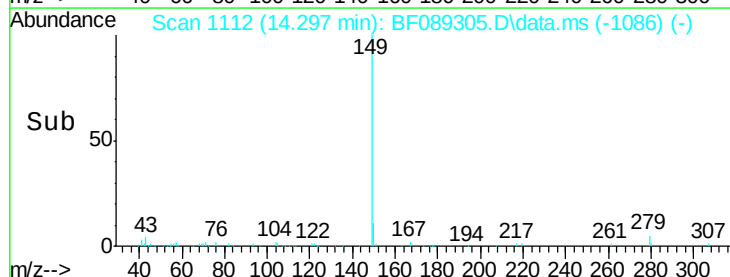
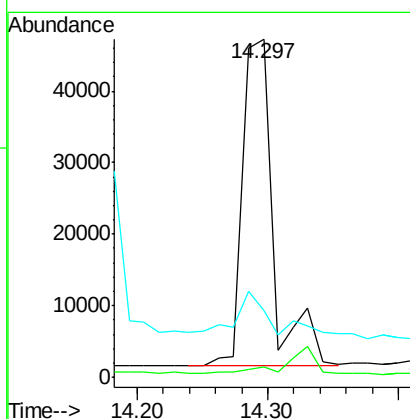
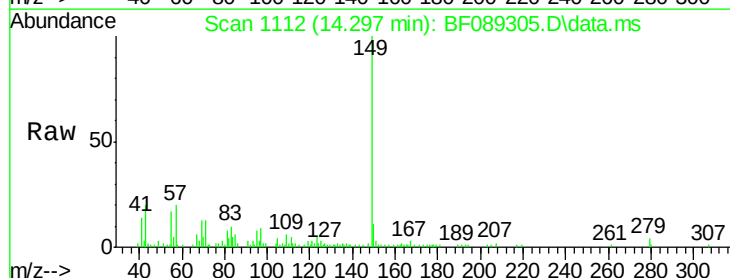
Instrument :
 BNA_F
 ClientSampleId :
 NW-1

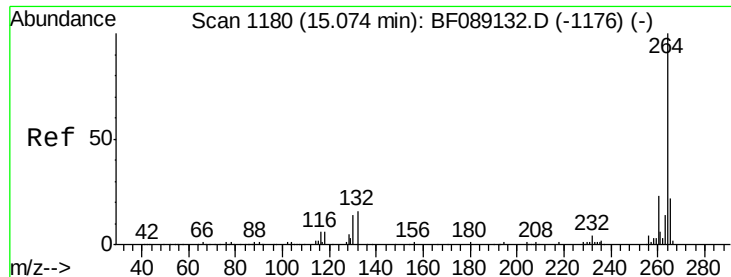
Tot Ion:149 Resp: 239881
 Ion Ratio Lower Upper
 149 100
 167 26.1 18.6 28.0
 279 3.3 1.6 2.4#



#84
 Di-n-octyl phthalate
 Concen: 8.13 ng
 RT: 14.297 min Scan# 1112
 Delta R.T. 0.000 min
 Lab File: BF089305.D
 Acq: 26 Jul 2016 11:08

Tgt Ion:149 Resp: 74908
 Ion Ratio Lower Upper
 149 100
 167 0.0 1.2 1.8#
 43 21.9 7.3 10.9#

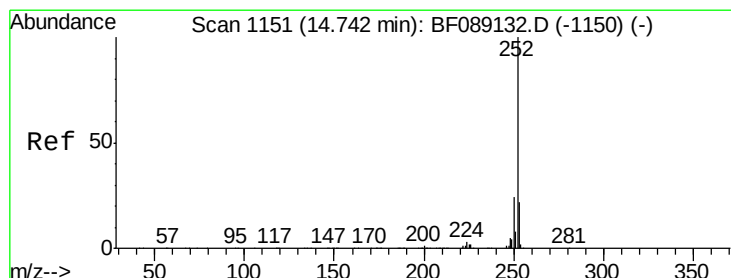
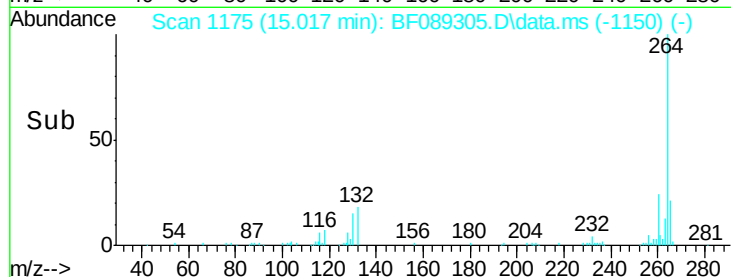
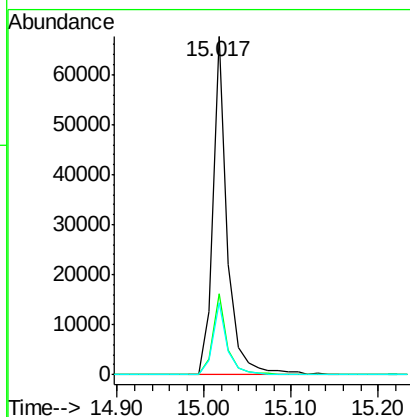
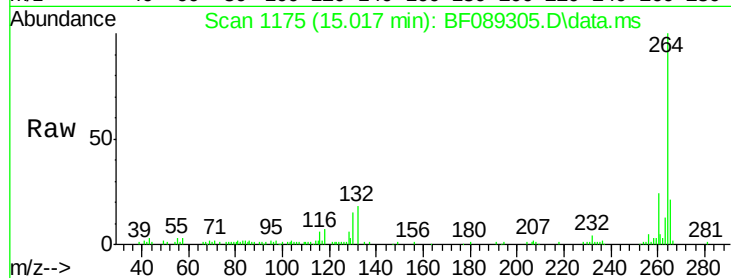




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.017 min Scan# 111
Delta R.T. -0.011 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Instrument :
BNA_F
ClientSampleId :
NW-1

Tot Ion:264 Resp: 78345
Ion Ratio Lower Upper
264 100
260 23.8 18.5 27.7
265 21.1 17.3 25.9



#88
Benzo(k)fluoranthene
Concen: 2.07 ng
RT: 14.662 min Scan# 1144
Delta R.T. -0.034 min
Lab File: BF089305.D
Acq: 26 Jul 2016 11:08

Tgt Ion:252 Resp: 8409
Ion Ratio Lower Upper
252 100
253 26.7 17.3 25.9#
125 34.5 6.3 9.5#

