

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070217\
 Data File : BF096415.D
 Acq On : 2 Jul 2017 14:49
 Operator : SJ/MA
 Sample : I3950-10
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 03 04:31:13 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 03 01:43:12 2017
 Response via : Initial Calibration

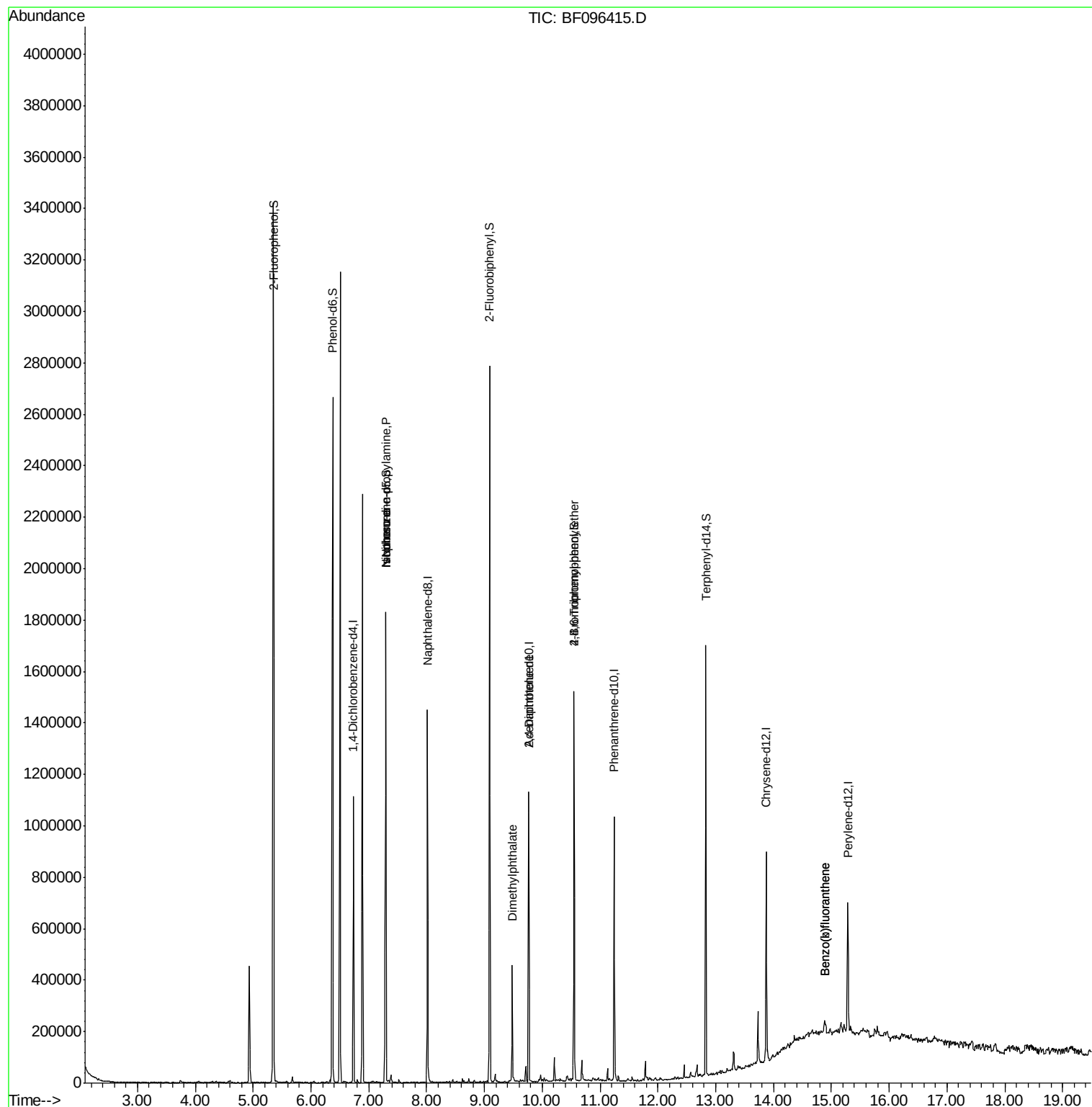
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	148358	20.00	ng	0.00
21) Naphthalene-d8	8.02	136	585799	20.00	ng	0.00
38) Acenaphthene-d10	9.77	164	229407	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	331082	20.00	ng	0.00
75) Chrysene-d12	13.87	240	262020	20.00	ng	0.00
86) Perylene-d12	15.29	264	205980	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	977379	97.24	ng	0.00
7) Phenol-d6	6.37	99	1042028	84.33	ng	0.00
23) Nitrobenzene-d5	7.29	82	577434	59.23	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	162045	90.43	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	811958	60.52	ng	0.00
78) Terphenyl-d14	12.83	244	471059	38.42	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.29	70	76713	10.42	ng	# 88
25) Isophorone	7.29	82	573450	30.34	ng	# 67
49) Dimethylphthalate	9.48	163	184990	10.80	ng	100
56) 2,4-Dinitrotoluene	9.76	165	28844	6.01	ng	# 32
66) 4-Bromophenyl-phenylether	10.55	248	10288	3.19	ng	# 1
87) Benzo(b)fluoranthene	14.88	252	27709	2.15	ng	# 84
88) Benzo(k)fluoranthene	14.88	252	27709	2.40	ng	# 88

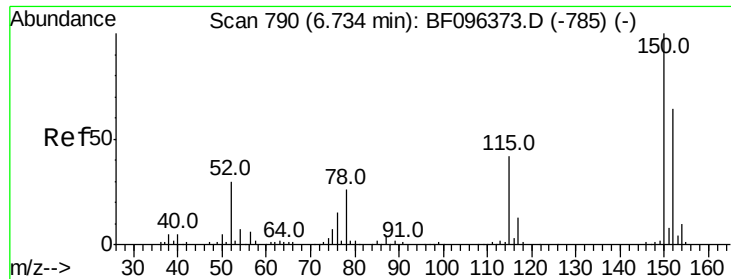
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.73 min Scan# 790

Delta R.T. -0.00 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

Instrument :

BNA_F

ClientSampleId :

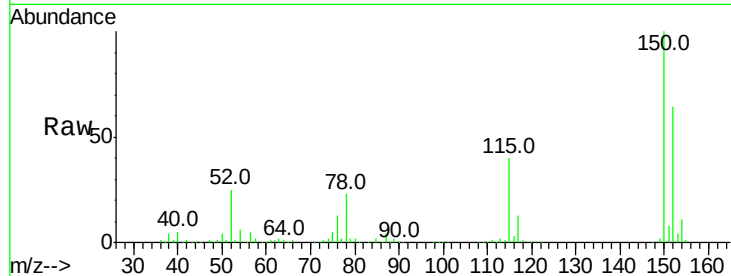
Tot Ion:152 Resp: 148358

Ion Ratio Lower Upper

152 100

150 156.1 126.2 189.2

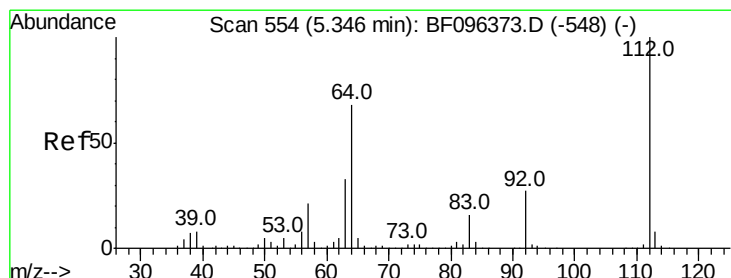
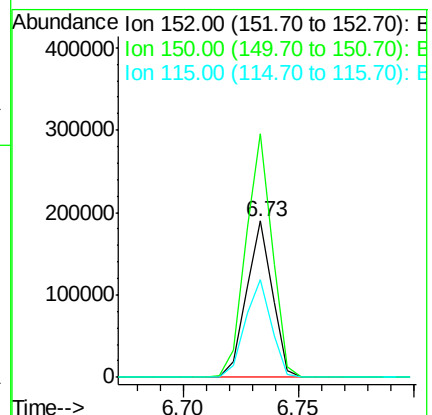
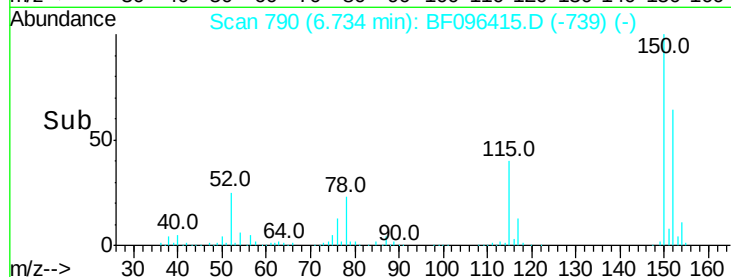
115 62.8 52.2 78.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol

Concen: 97.24 ng

RT: 5.35 min Scan# 555

Delta R.T. 0.01 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

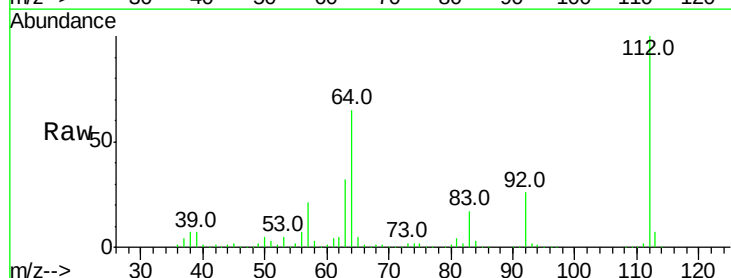
Tgt Ion:112 Resp: 977379

Ion Ratio Lower Upper

112 100

64 64.9 46.0 69.0

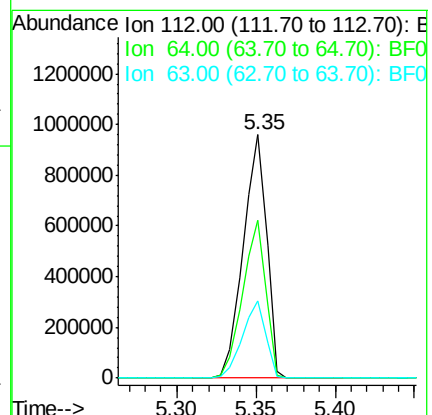
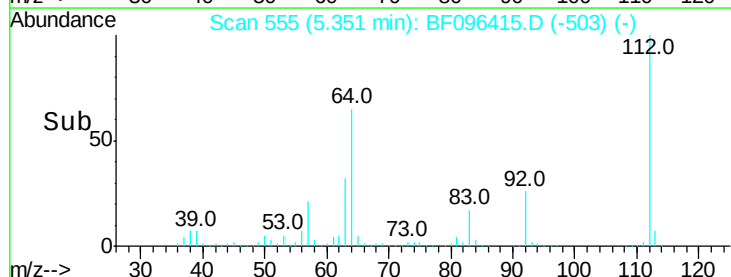
63 31.8 23.4 35.0

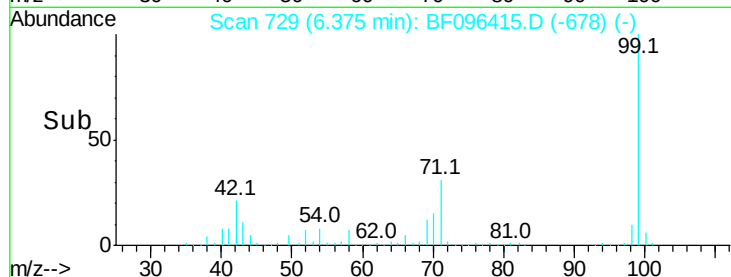
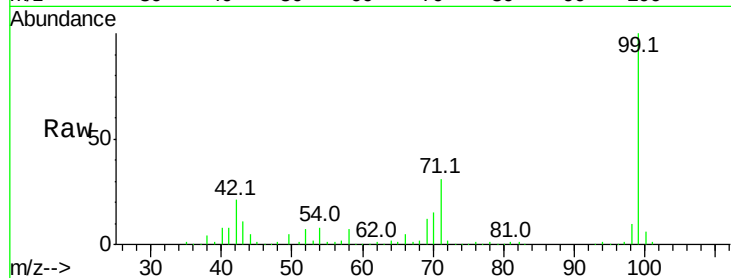
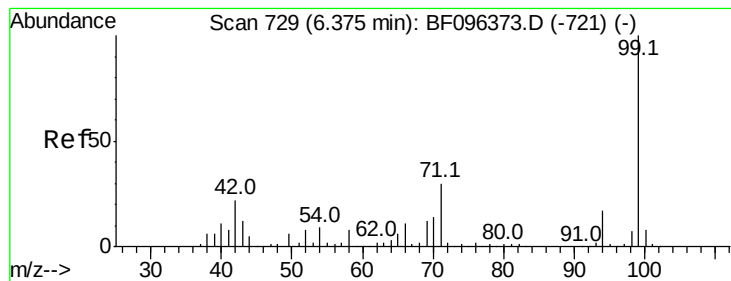


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.33 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.00 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

Instrument :

BNA_F

ClientSampleId :

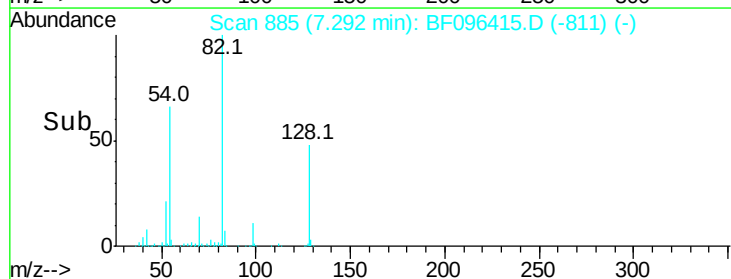
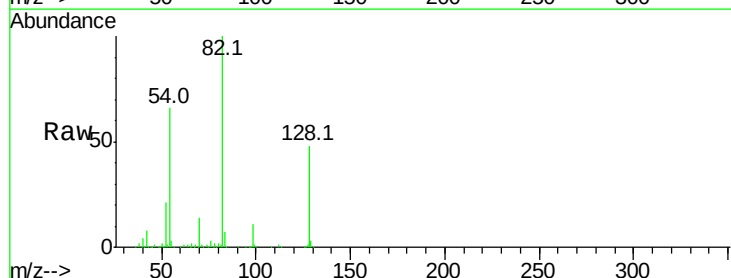
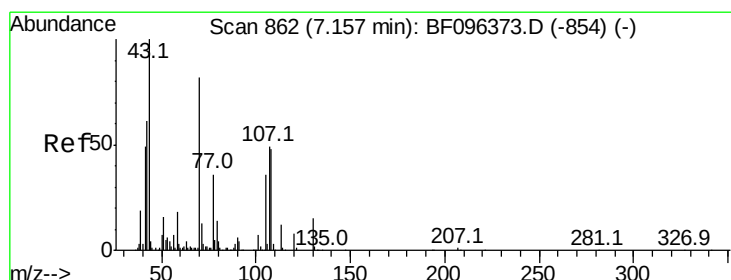
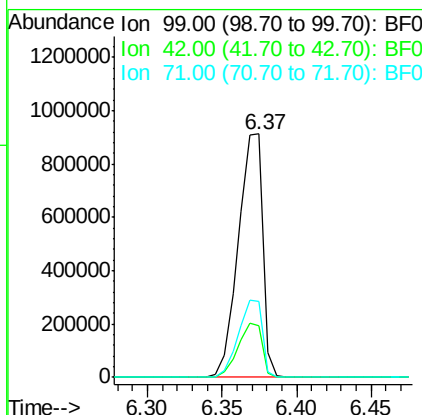
Tot Ion: 99 Resp: 1042028

Ion Ratio Lower Upper

99 100

42 21.3 13.5 20.3#

71 31.3 24.5 36.7



#19

n-Nitroso-di-n-propylamine

Concen: 10.42 ng

RT: 7.29 min Scan# 885

Delta R.T. 0.14 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

Tgt Ion: 70 Resp: 76713

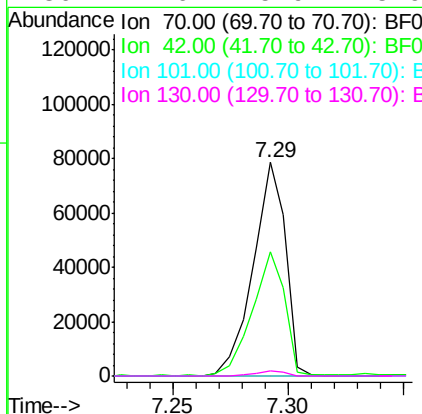
Ion Ratio Lower Upper

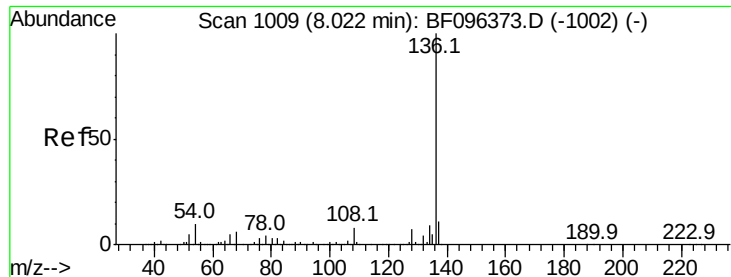
70 100

42 58.2 47.2 70.8

101 0.0 7.2 10.8#

130 2.6 15.9 23.9#

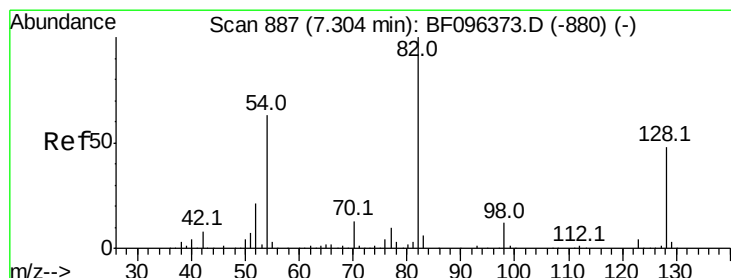
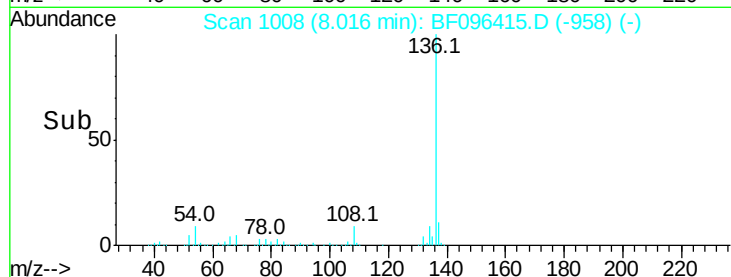
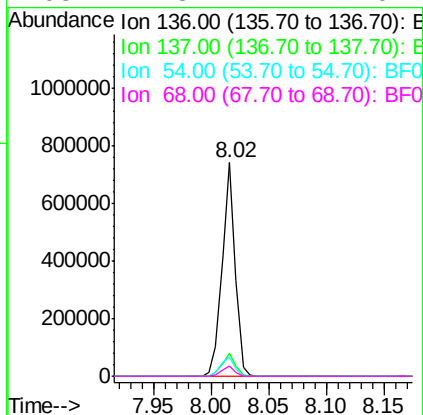
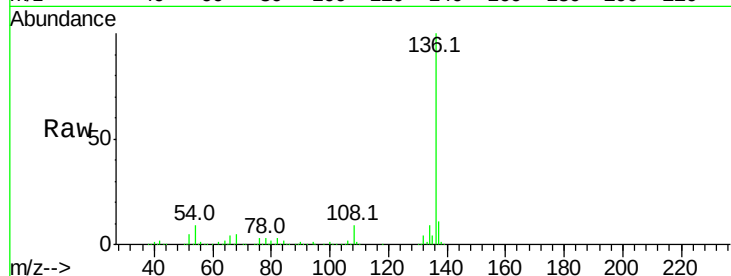




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.01 min
Lab File: BF096415.D
Acq: 2 Jul 2017 14:49

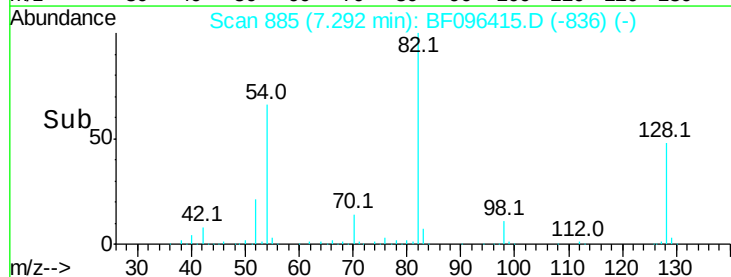
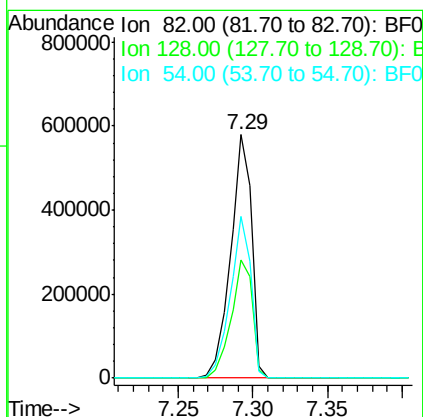
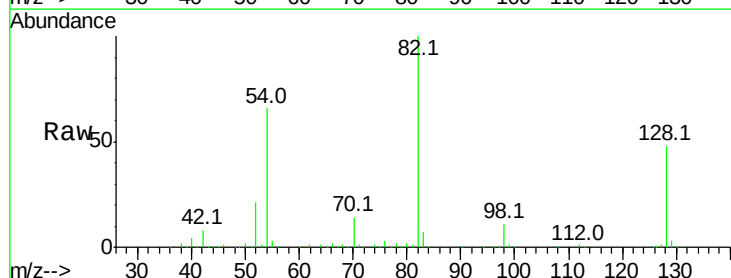
Instrument :
BNA_F
ClientSampleId :

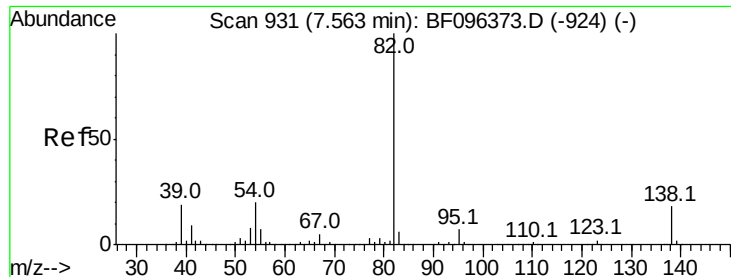
Tot Ion:136	Resp: 585799
Ion Ratio	Lower Upper
136 100	
137 10.9	8.5 12.7
54 9.2	4.9 7.3#
68 4.8	4.1 6.1



#23
Nitrobenzene-d5
Concen: 59.23 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF096415.D
Acq: 2 Jul 2017 14:49

Tgt Ion: 82	Resp: 577434
Ion Ratio	Lower Upper
82 100	
128 48.5	34.0 51.0
54 66.3	42.2 63.2#





#25

Isophorone

Concen: 30.34 ng

RT: 7.29 min Scan# 885

Delta R.T. -0.27 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

Instrument :

BNA_F

ClientSampled :

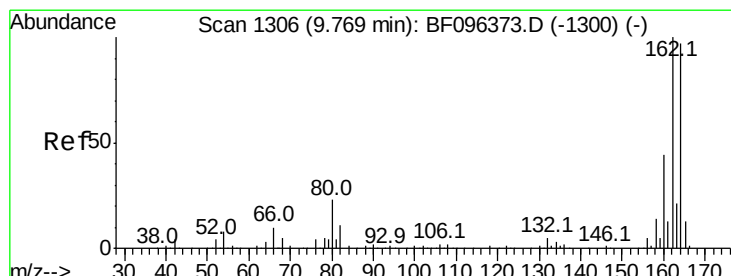
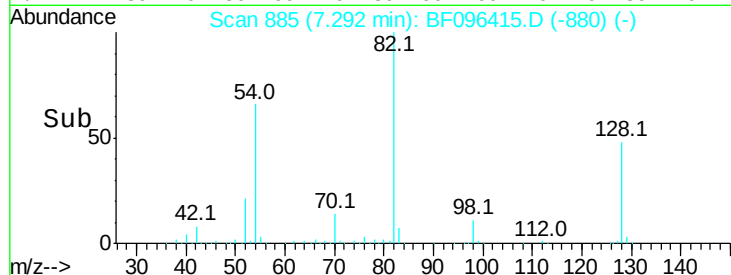
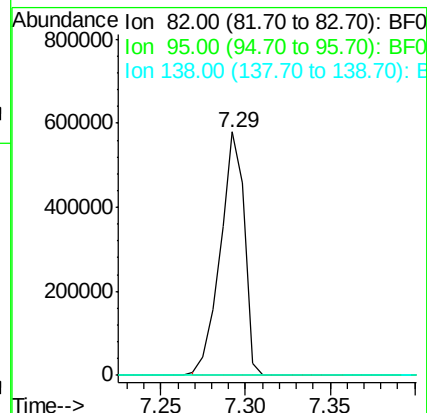
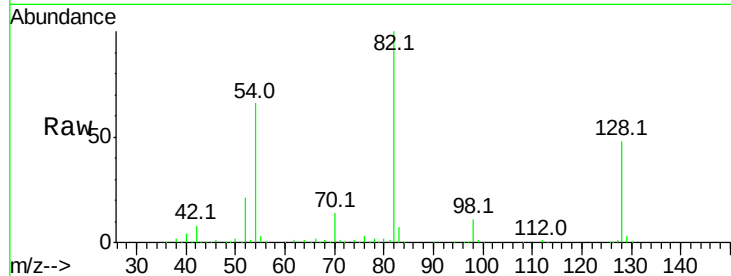
Tot Ion: 82 Resp: 573450

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.00 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

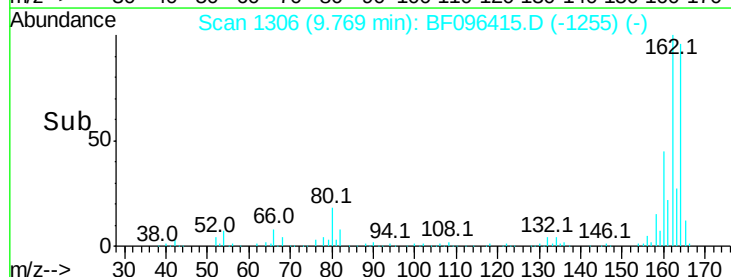
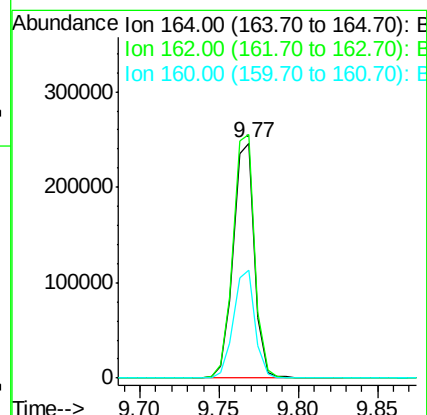
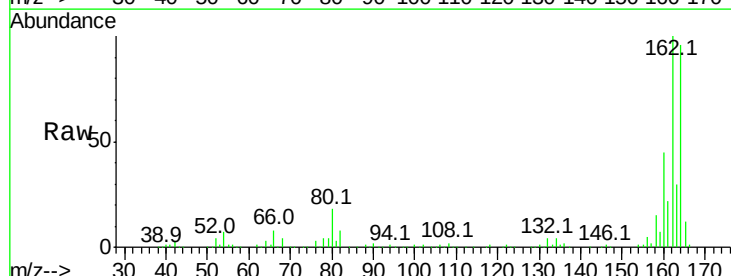
Tgt Ion:164 Resp: 229407

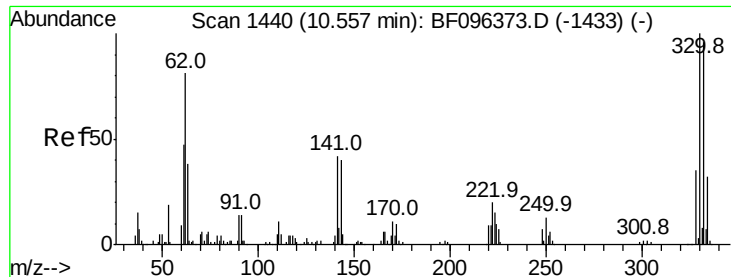
Ion Ratio Lower Upper

164 100

162 103.6 82.6 123.8

160 46.2 36.2 54.2

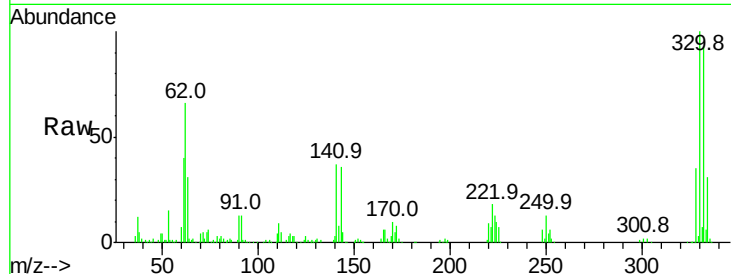




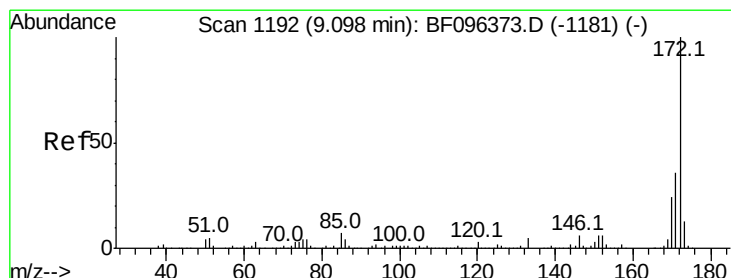
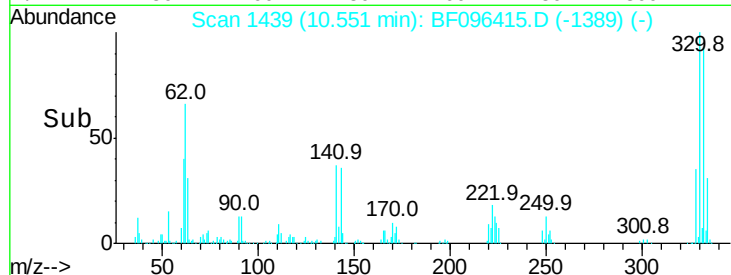
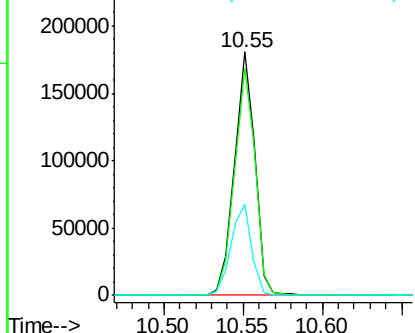
#41
 2,4,6-Tribromophenol
 Concen: 90.43 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BF096415.D
 Acq: 2 Jul 2017 14:49

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 162045
 Ion Ratio Lower Upper
 330 100
 332 94.8 76.6 115.0
 141 37.7 31.4 47.2

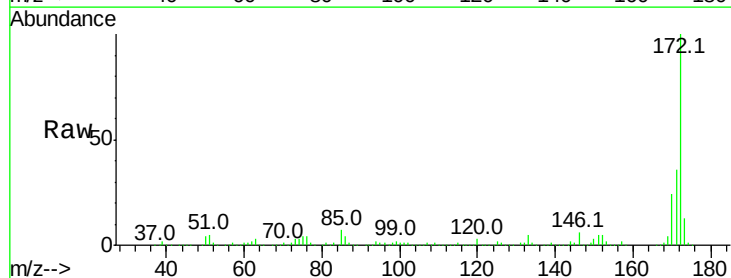


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

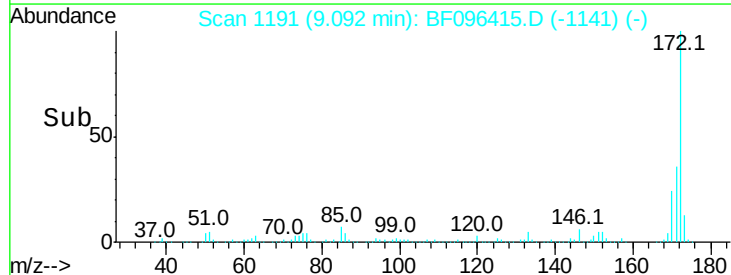
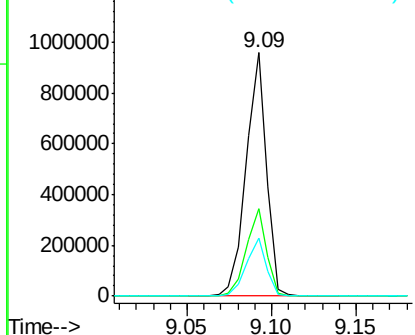


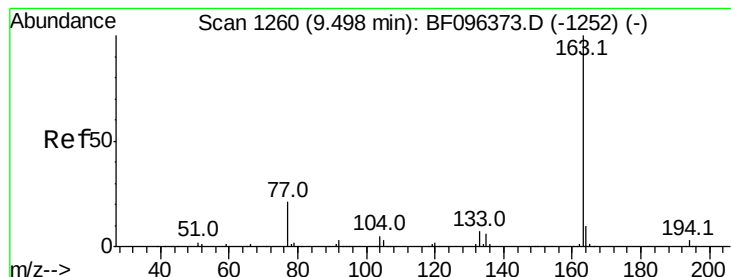
#44
 2-Fluorobiphenyl
 Concen: 60.52 ng
 RT: 9.09 min Scan# 1191
 Delta R.T. -0.01 min
 Lab File: BF096415.D
 Acq: 2 Jul 2017 14:49

Tgt Ion:172 Resp: 811958
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.6 44.4
 170 24.0 19.8 29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E





#49

Dimethylphthalate

Concen: 10.80 ng

RT: 9.48 min Scan# 1257

Delta R.T. -0.02 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

Instrument :

BNA_F

ClientSampled :

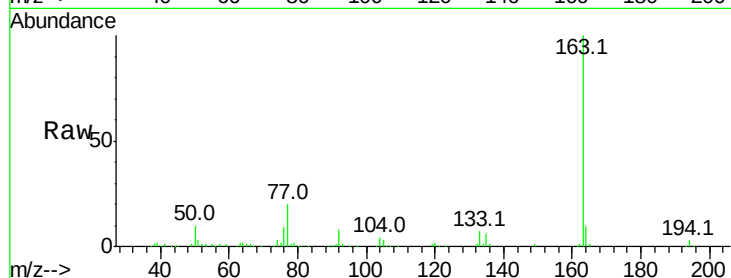
Tot Ion:163 Resp: 184990

Ion Ratio Lower Upper

163 100

194 2.9 2.6 4.0

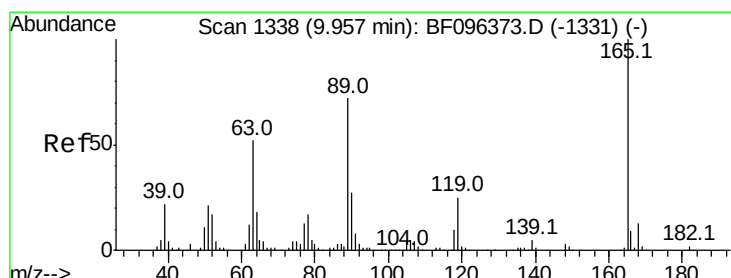
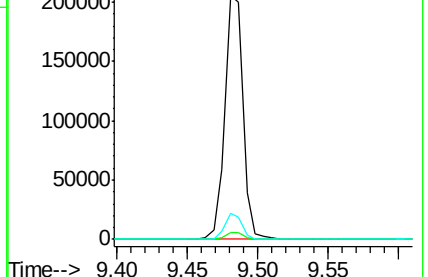
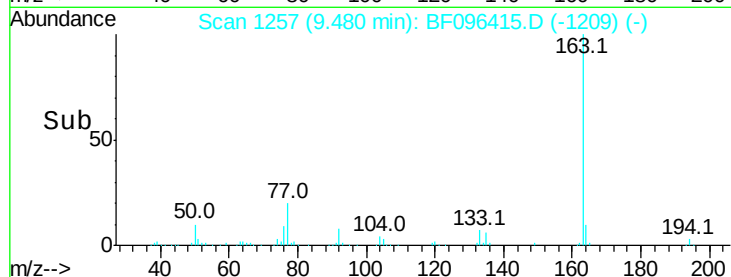
164 10.5 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#56

2,4-Dinitrotoluene

Concen: 6.01 ng

RT: 9.76 min Scan# 1305

Delta R.T. -0.19 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

Tgt Ion:165 Resp: 28844

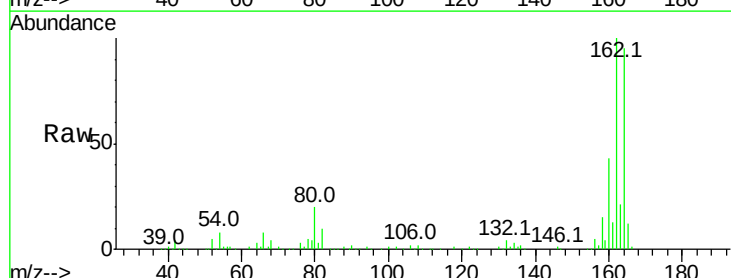
Ion Ratio Lower Upper

165 100

63 0.0 25.4 38.0#

89 1.4 46.4 69.6#

182 0.0 1.8 2.6#

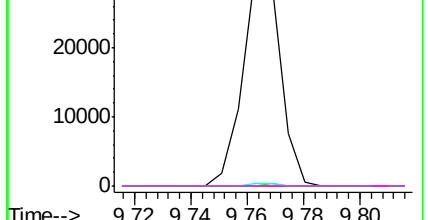
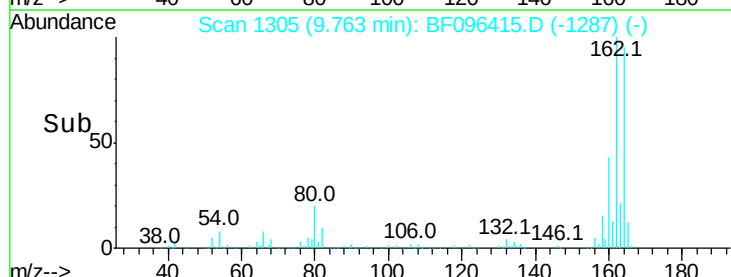


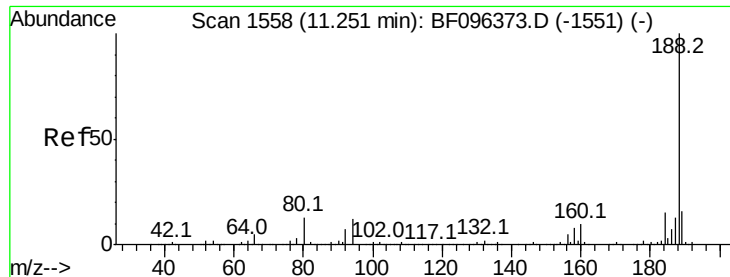
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

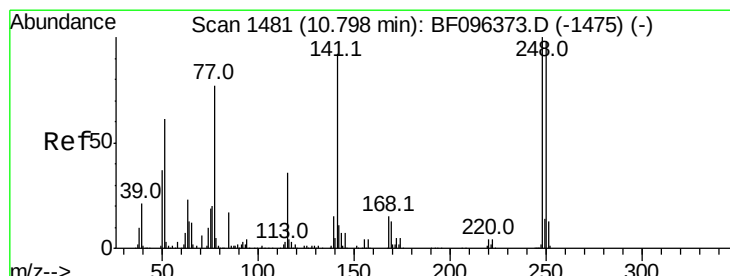
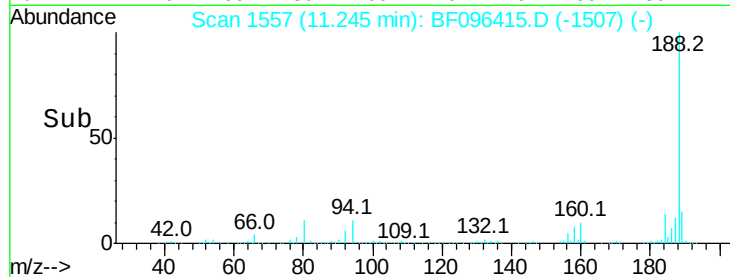
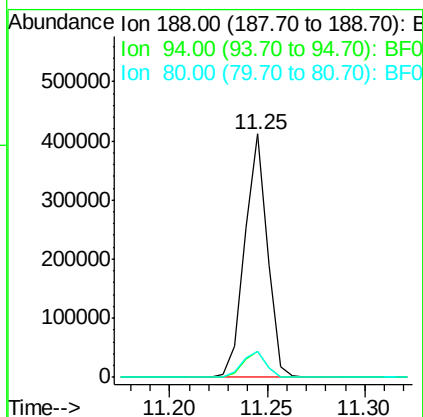
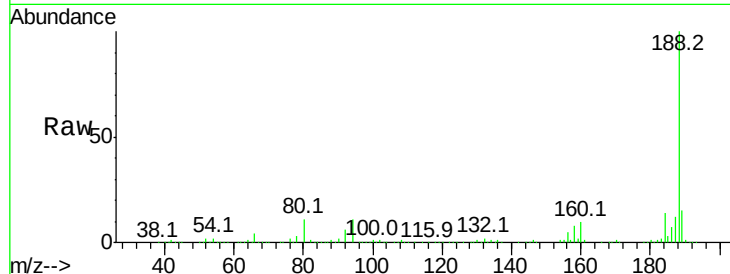




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.25 min Scan# 1557
 Delta R.T. -0.01 min
 Lab File: BF096415.D
 Acq: 2 Jul 2017 14:49

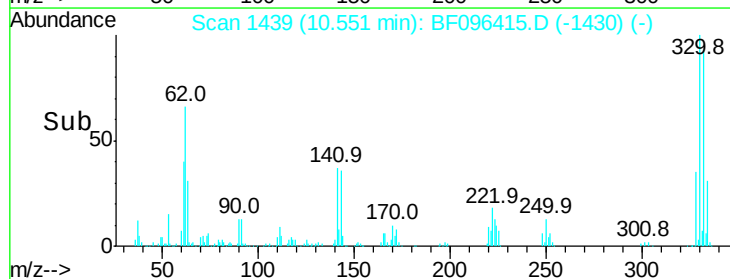
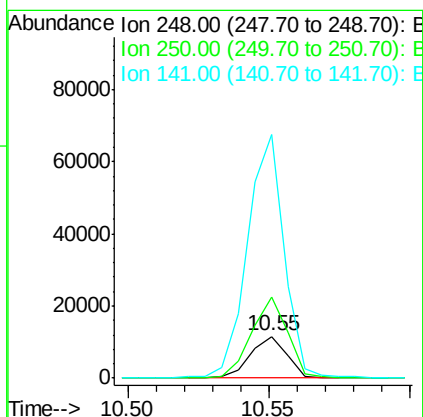
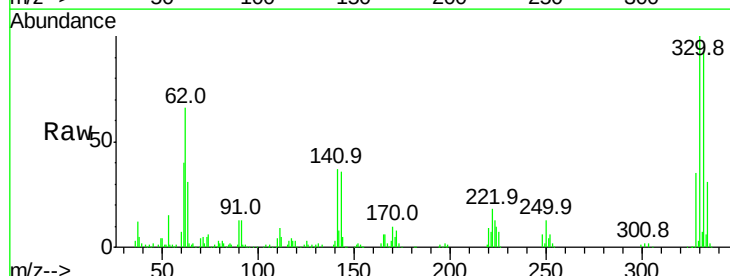
Instrument :
 BNA_F
 ClientSampleId :

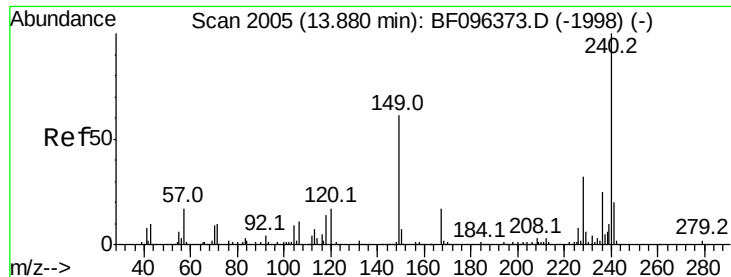
Tot Ion:188 Resp: 331082
 Ion Ratio Lower Upper
 188 100
 94 10.6 9.4 14.2
 80 10.6 10.2 15.2



#66
 4-Bromophenyl-phenylether
 Concen: 3.19 ng
 RT: 10.55 min Scan# 1439
 Delta R.T. -0.25 min
 Lab File: BF096415.D
 Acq: 2 Jul 2017 14:49

Tgt Ion:248 Resp: 10288
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.8 115.2#
 141 581.6 68.6 103.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

Instrument :

BNA_F

ClientSampleId :

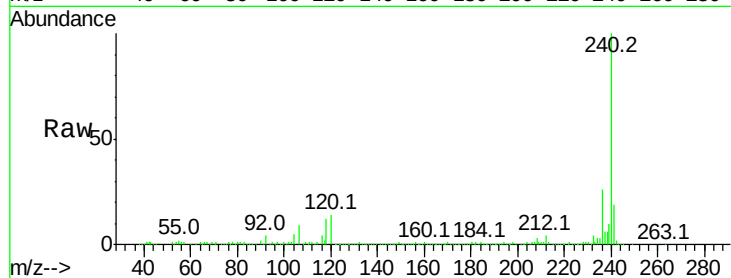
Tot Ion:240 Resp: 262020

Ion Ratio Lower Upper

240 100

120 14.5 5.8 8.8#

236 25.9 20.5 30.7

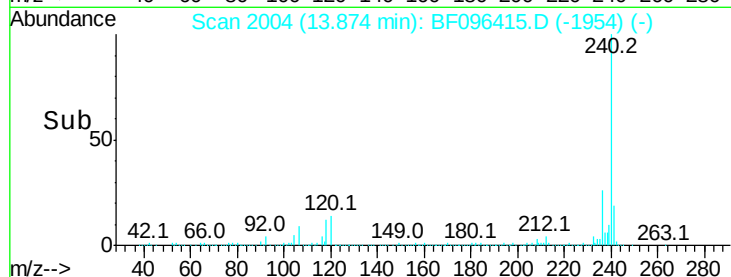


Abundance Ion 240.00 (239.70 to 240.70): E

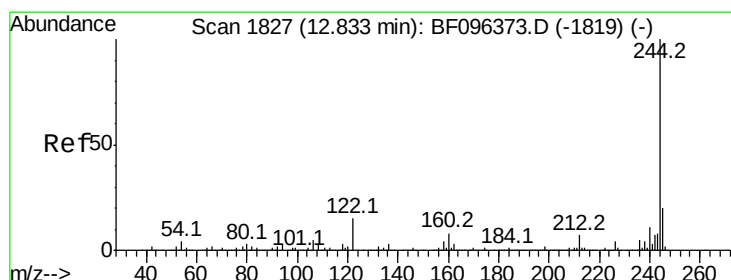
Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

13.87



Time-->



#78

Terphenyl-d14

Concen: 38.42 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096415.D

Acq: 2 Jul 2017 14:49

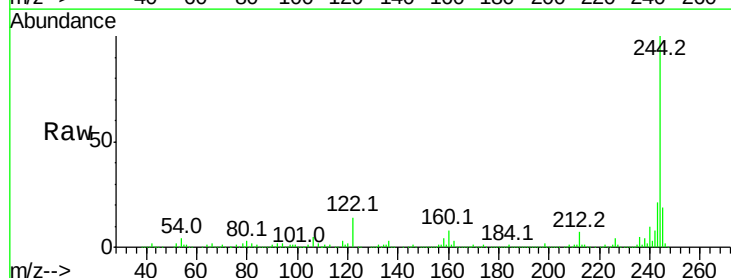
Tgt Ion:244 Resp: 471059

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

122 14.5 10.3 15.5

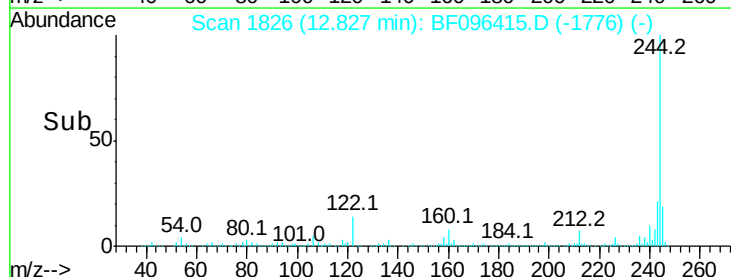


Abundance Ion 244.00 (243.70 to 244.70): E

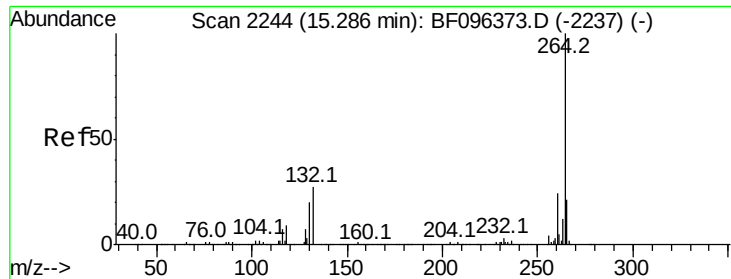
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

12.83



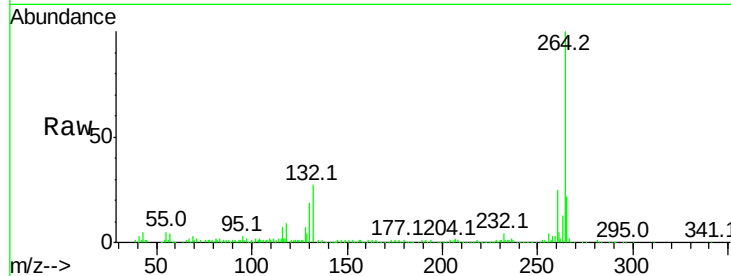
Time-->



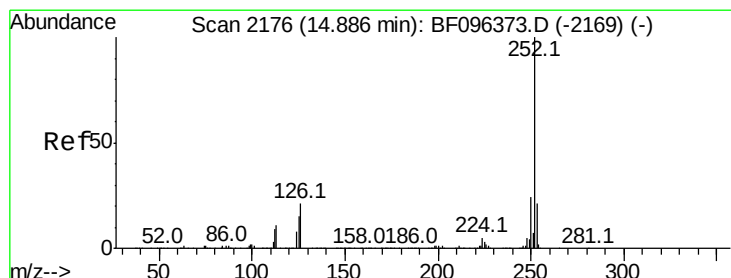
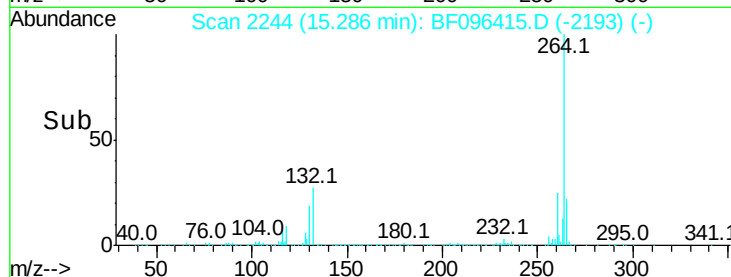
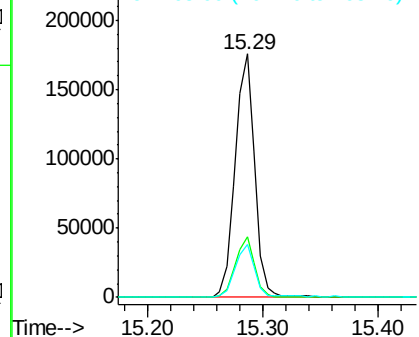
#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.29 min Scan# 2244
Delta R.T. -0.00 min
Lab File: BF096415.D
Acq: 2 Jul 2017 14:49

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 205980
Ion Ratio Lower Upper
264 100
260 24.7 19.5 29.3
265 21.8 17.2 25.8

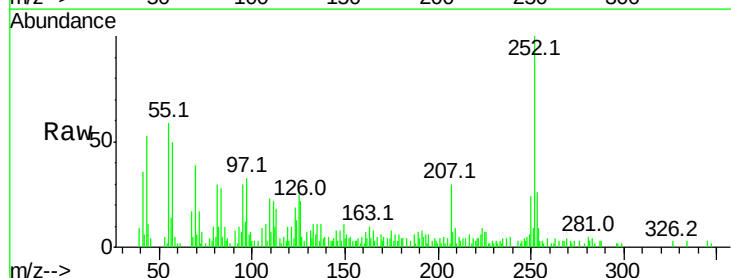


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

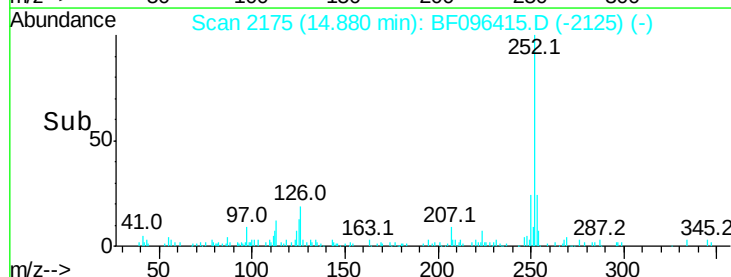
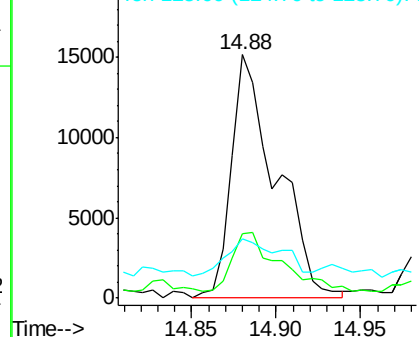


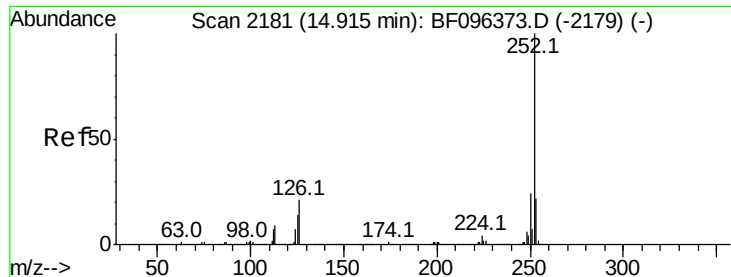
#87
Benzo(b)fluoranthene
Concen: 2.15 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.01 min
Lab File: BF096415.D
Acq: 2 Jul 2017 14:49

Tgt Ion:252 Resp: 27709
Ion Ratio Lower Upper
252 100
253 26.3 18.1 27.1
125 24.6 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

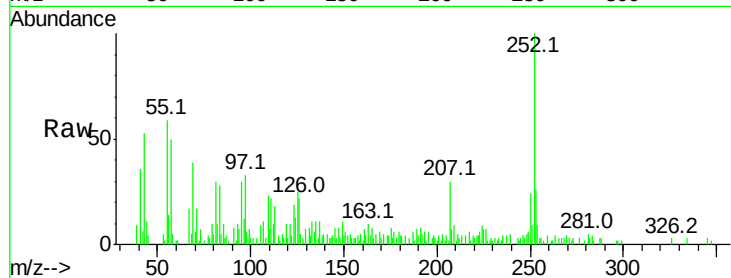




#88
 Benzo(k)fluoranthene
 Concen: 2.40 ng
 RT: 14.88 min Scan# 2175
 Delta R.T. -0.04 min
 Lab File: BF096415.D
 Acq: 2 Jul 2017 14:49

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:252 Resp: 27709
 Ion Ratio Lower Upper
 252 100
 253 26.3 18.4 27.6
 125 24.6 13.1 19.7#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

