

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043018\
 Data File : BF104931.D
 Acq On : 30 Apr 2018 14:34
 Operator : JU/SJ
 Sample : J2522-05DL 5X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 30 15:22:16 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 30 15:20:08 2018
 Response via : Initial Calibration

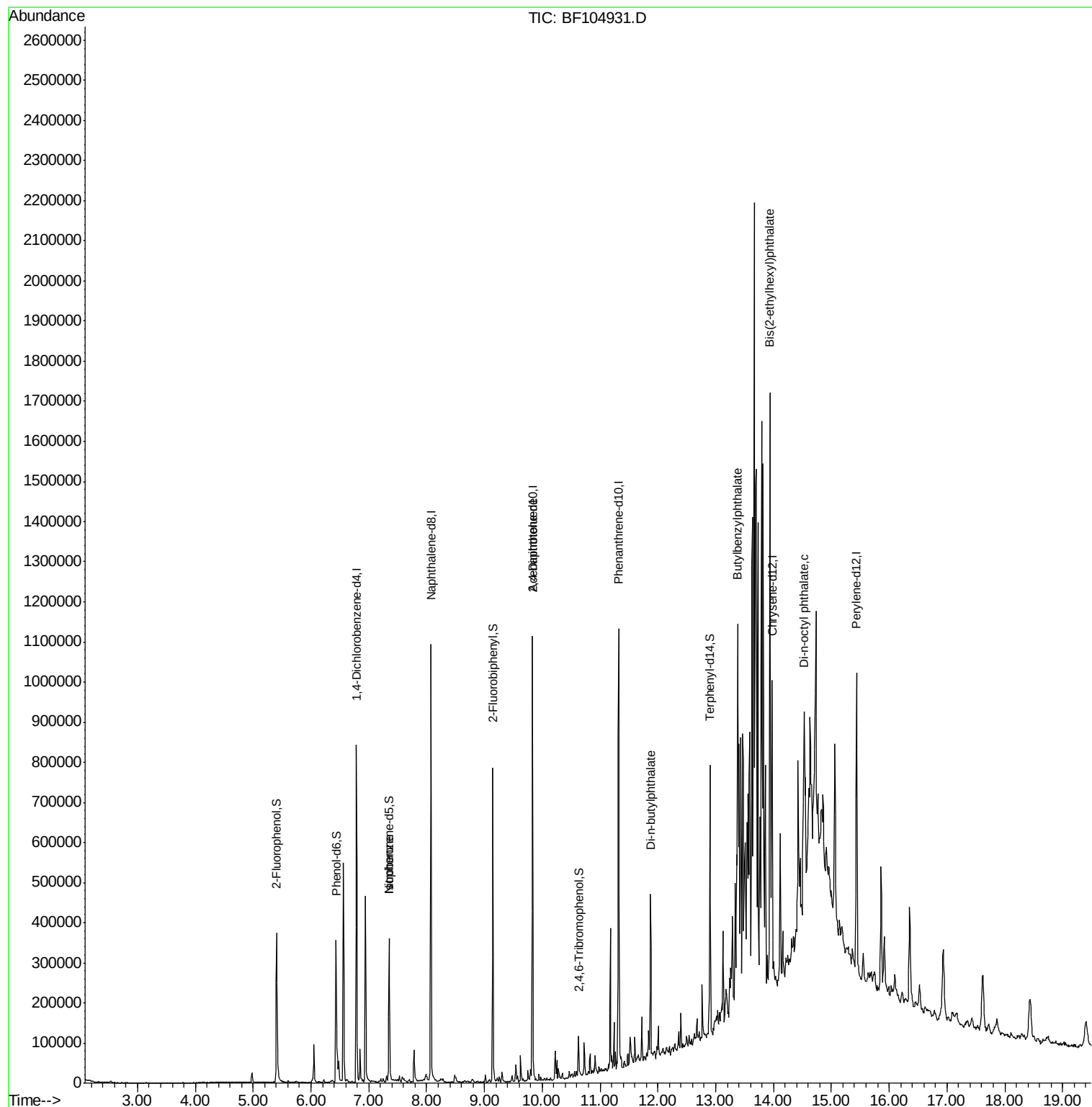
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	117185	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	490748	20.00	ng	0.00
38) Acenaphthene-d10	9.83	164	223913	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	375021	20.00	ng	0.00
75) Chrysene-d12	13.97	240	245143	20.00	ng	0.00
86) Perylene-d12	15.44	264	227328	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	144253	18.82	ng	0.00
7) Phenol-d6	6.43	99	190976	20.28	ng	0.00
23) Nitrobenzene-d5	7.35	82	112713	15.00	ng	-0.02
41) 2,4,6-Tribromophenol	10.62	330	10114	4.35	ng	-0.01
44) 2-Fluorobiphenyl	9.15	172	240258	16.95	ng	-0.01
78) Terphenyl-d14	12.90	244	191863	17.84	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	555	Below Cal	Qvalue #	62
25) Isophorone	7.35	82	112712	7.092 ng	#	64
56) 2,4-Dinitrotoluene	9.83	165	28281	6.599 ng	#	23
73) Di-n-butylphthalate	11.87	149	198322	7.826 ng		99
76) Benzidine	12.71	184	120	Below Cal	#	1
79) Butylbenzylphthalate	13.38	149	304407	35.559 ng		89
83) Bis(2-ethylhexyl)phthalate	13.94	149	601531	54.630 ng		96
84) Di-n-octyl phthalate	14.53	149	322047	17.504 ng	#	70

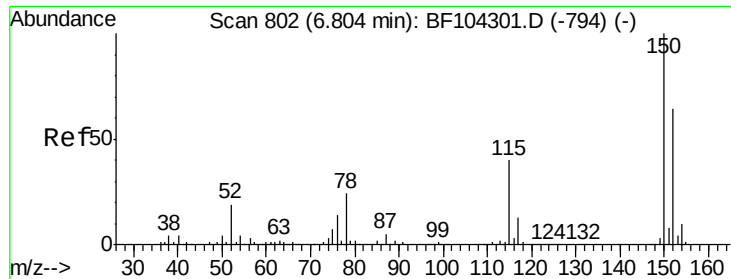
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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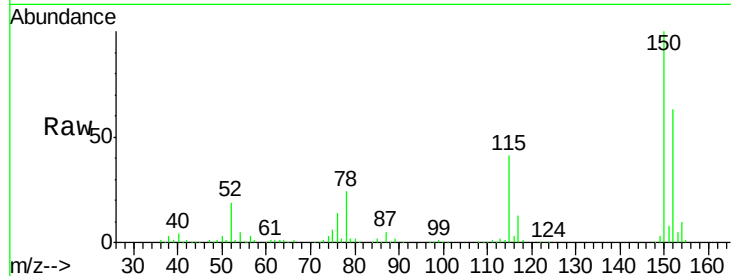


#1

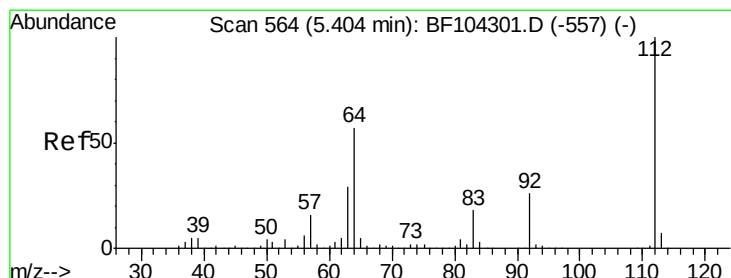
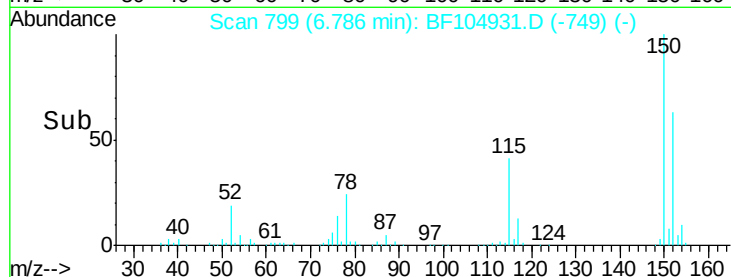
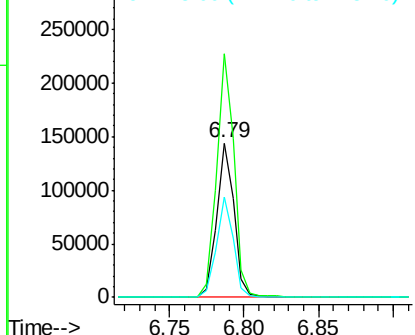
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 117185
Ion Ratio Lower Upper
152 100
150 157.7 124.6 186.8
115 65.3 50.1 75.1



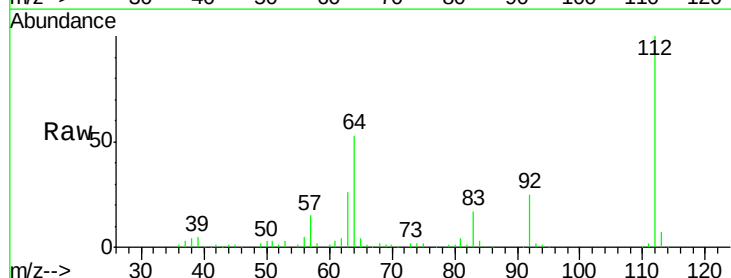
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



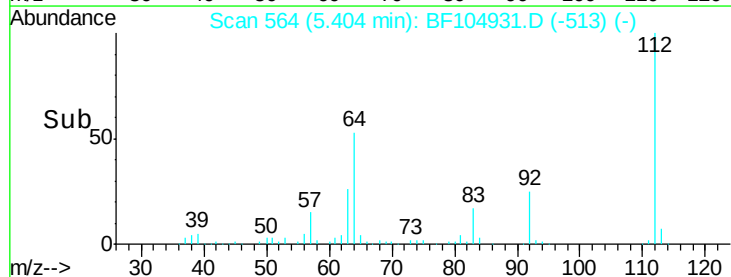
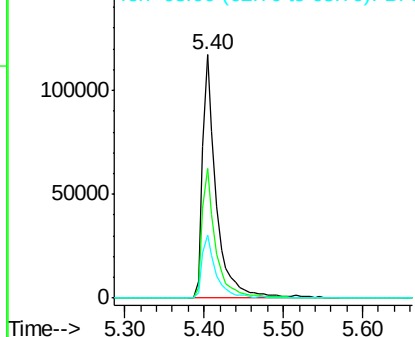
#5

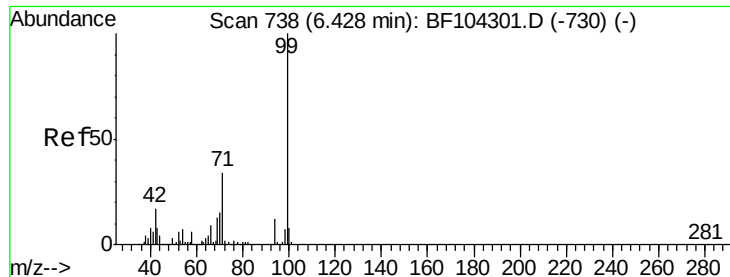
2-Fluorophenol
Concen: 18.822 ng
RT: 5.40 min Scan# 564
Delta R.T. -0.00 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

Tgt Ion:112 Resp: 144253
Ion Ratio Lower Upper
112 100
64 53.3 47.9 71.9
63 26.0 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 20.281 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104931.D

Acq: 30 Apr 2018 14:34

Instrument :

BNA_F

ClientSampleId :

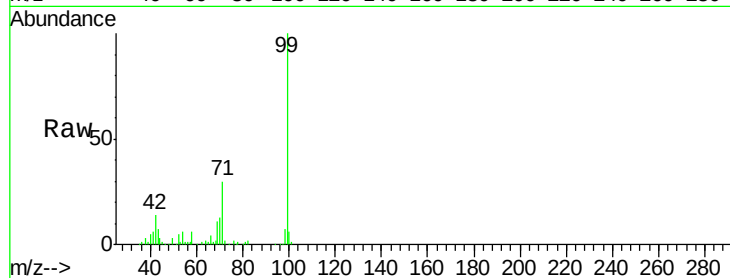
Tot Ion: 99 Resp: 190976

Ion Ratio Lower Upper

99 100

42 14.1 14.5 21.7#

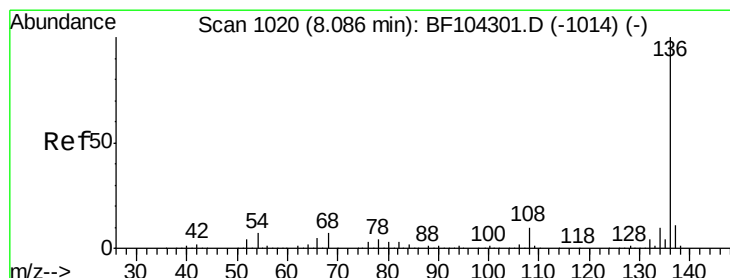
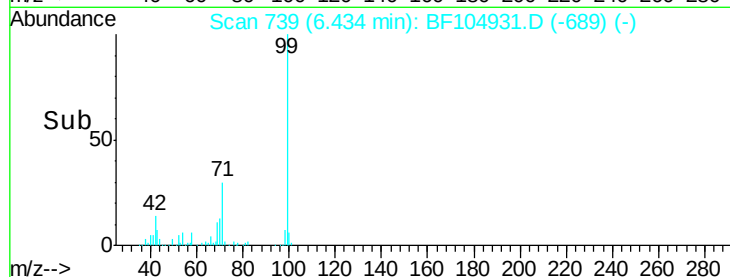
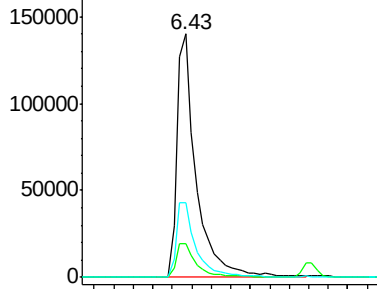
71 30.4 25.4 38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF104931.D

Acq: 30 Apr 2018 14:34

Tgt Ion: 136 Resp: 490748

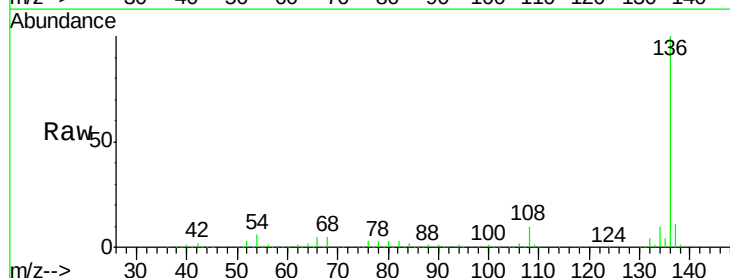
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.4 6.6 9.8#

68 5.5 5.0 7.4

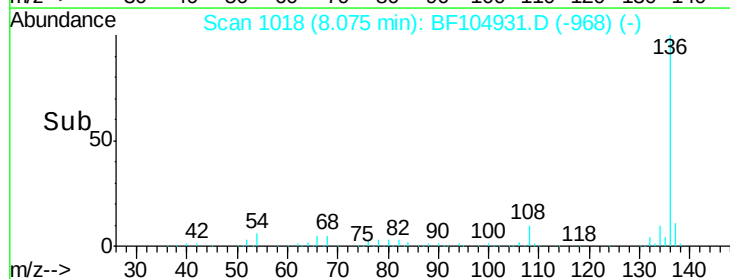
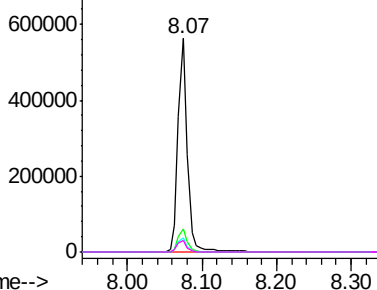


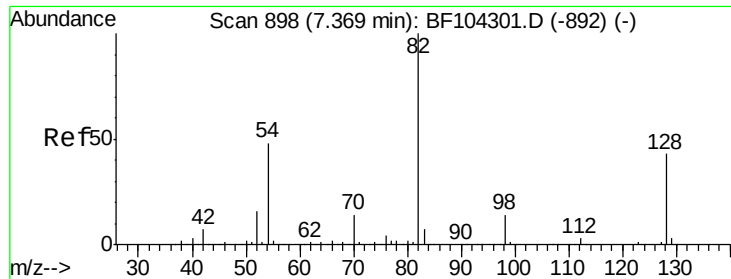
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1

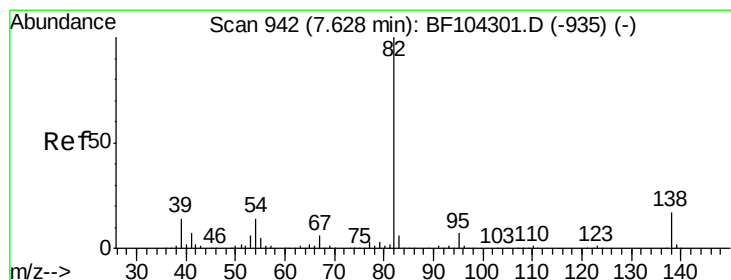
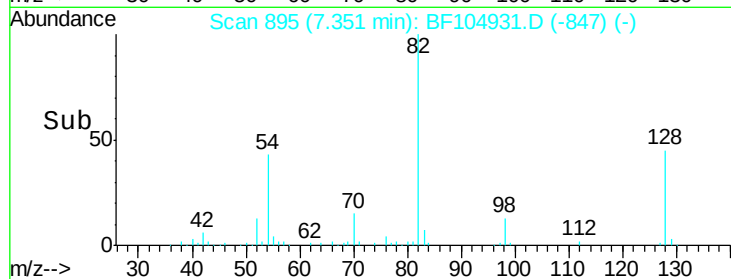
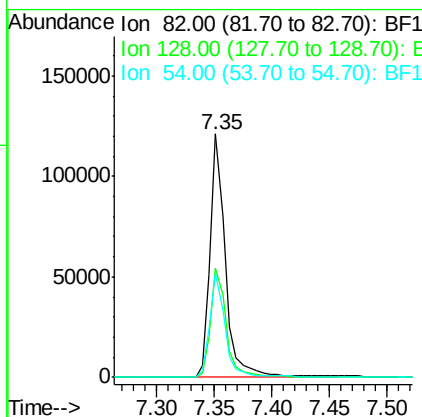
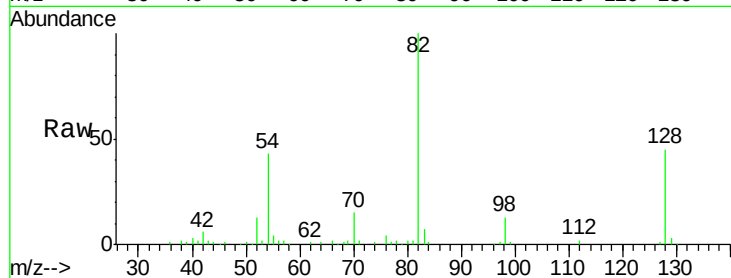




#23
 Nitrobenzene-d5
 Concen: 14.997 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.02 min
 Lab File: BF104931.D
 Acq: 30 Apr 2018 14:34

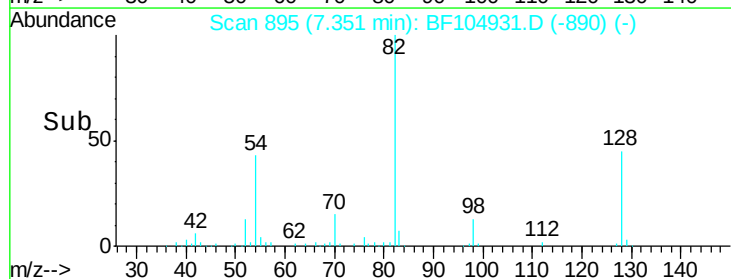
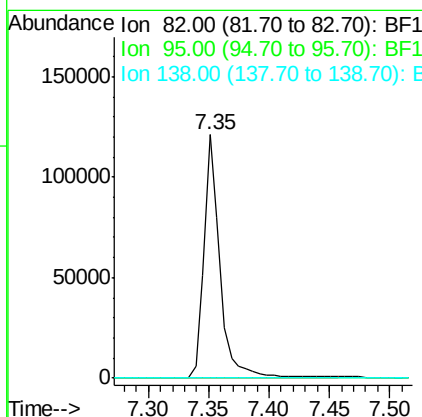
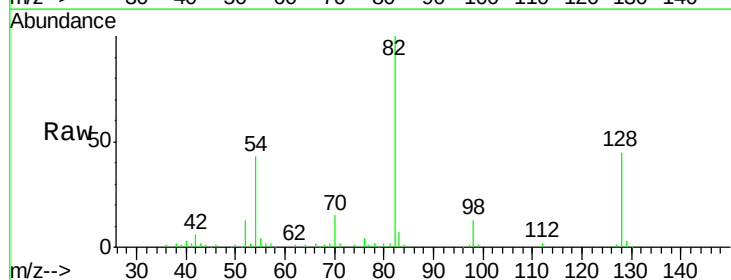
Instrument :
 BNA_F
 ClientSampleId :

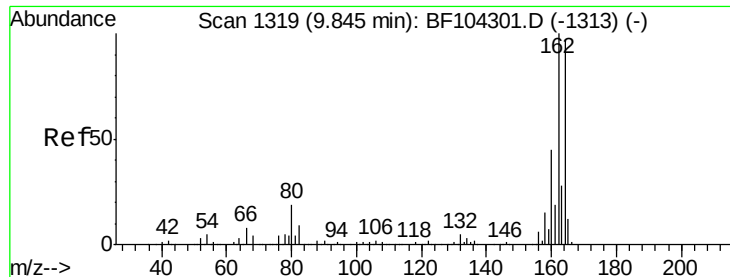
Tot Ion	82	Resp	112713
Ion Ratio	Lower	Upper	
82	100		
128	44.9	36.1	54.1
54	42.8	41.4	62.2



#25
 Isophorone
 Concen: 7.092 ng
 RT: 7.35 min Scan# 895
 Delta R.T. -0.27 min
 Lab File: BF104931.D
 Acq: 30 Apr 2018 14:34

Tgt Ion	82	Resp	112712
Ion Ratio	Lower	Upper	
82	100		
95	0.0	5.2	7.8#
138	0.0	14.9	22.3#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1316

Delta R.T. -0.01 min

Lab File: BF104931.D

Acq: 30 Apr 2018 14:34

Instrument :

BNA_F

ClientSampleId :

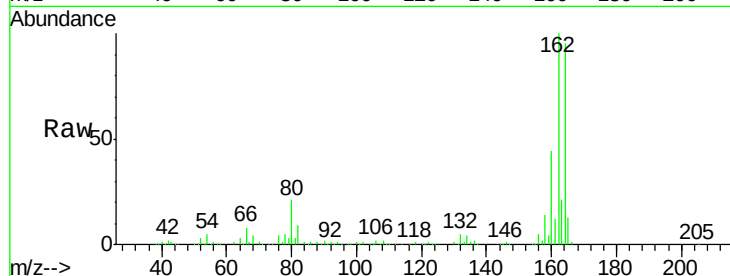
Tot Ion:164 Resp: 223913

Ion Ratio Lower Upper

164 100

162 104.7 86.1 129.1

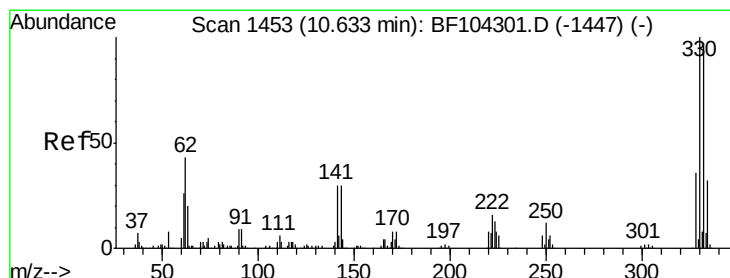
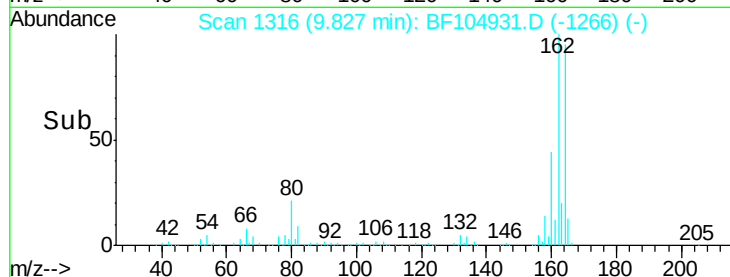
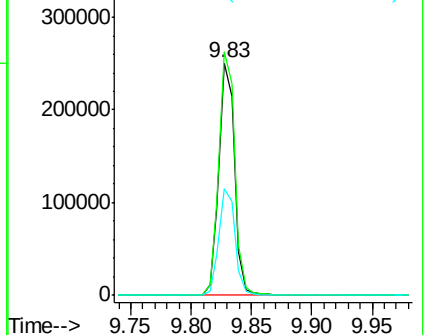
160 45.7 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 4.354 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF104931.D

Acq: 30 Apr 2018 14:34

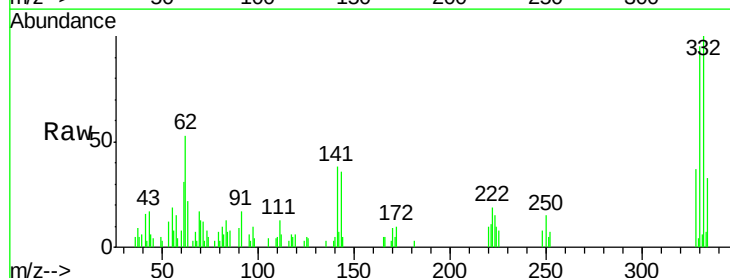
Tgt Ion:330 Resp: 10114

Ion Ratio Lower Upper

330 100

332 98.5 77.0 115.6

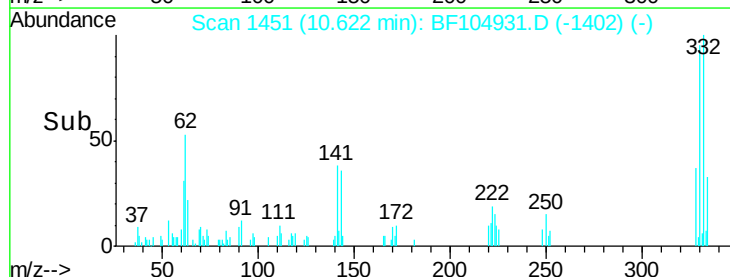
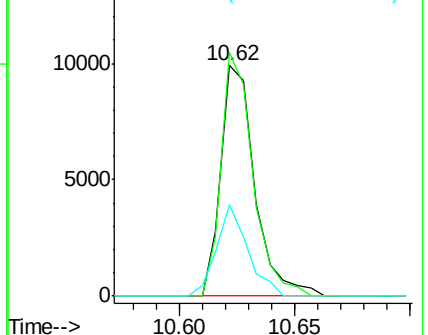
141 36.2 29.9 44.9

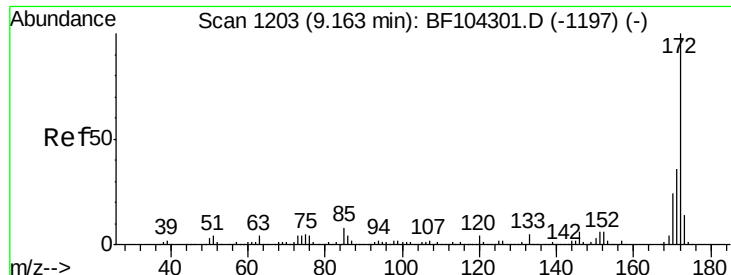


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

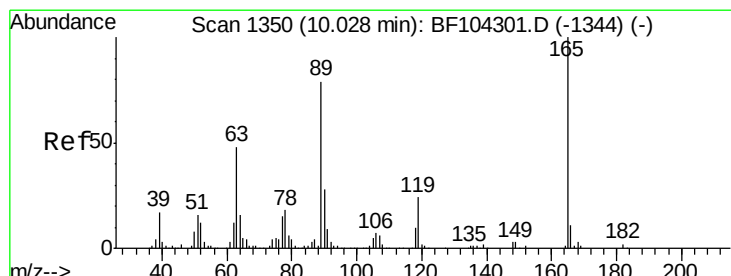
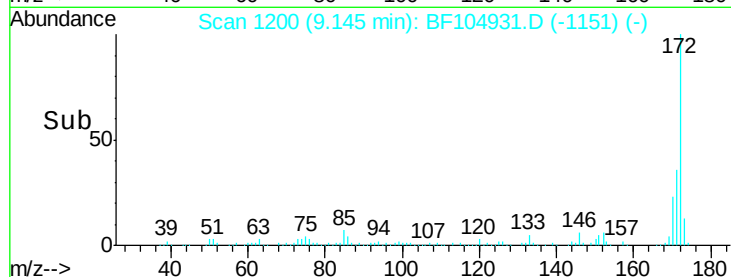
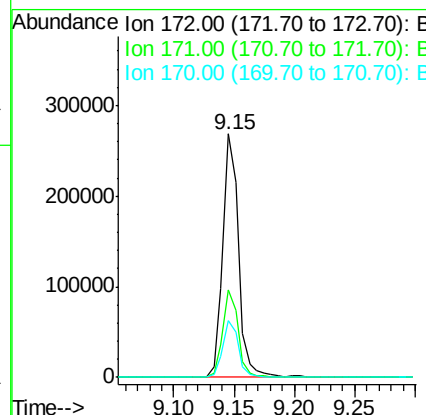
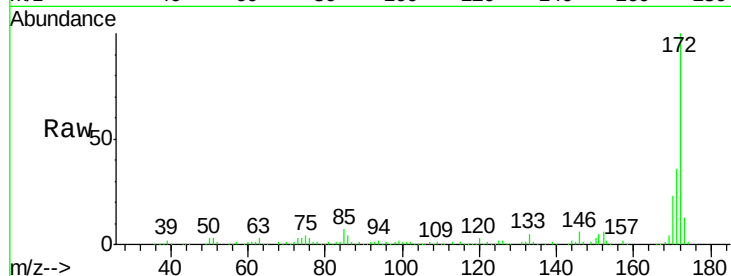




#44
 2-Fluorobiphenyl
 Concen: 16.951 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF104931.D
 Acq: 30 Apr 2018 14:34

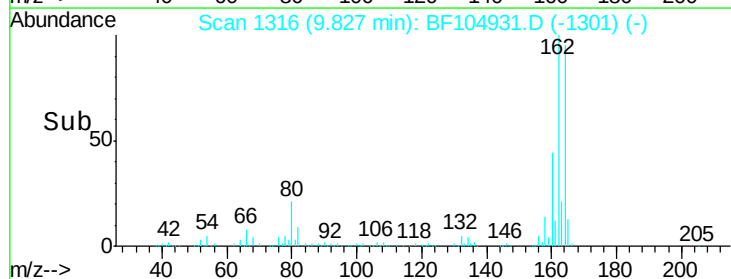
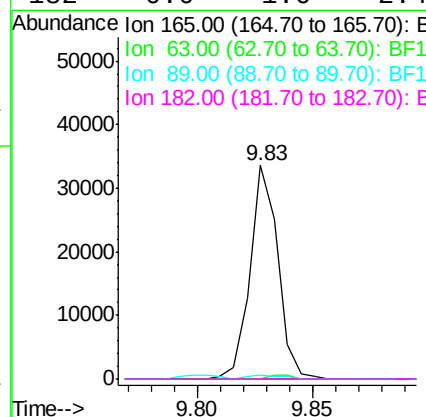
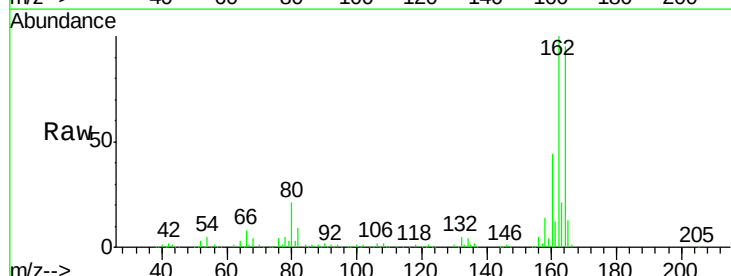
Instrument :
 BNA_F
 ClientSampleId :

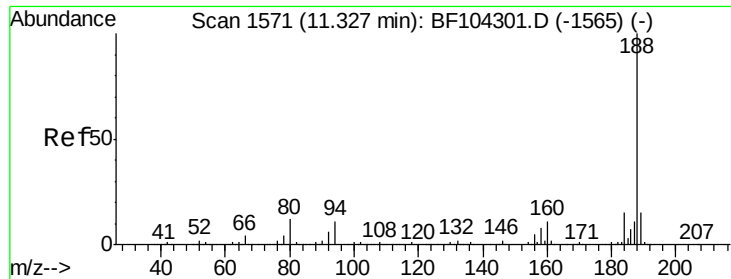
Tot Ion:172 Resp: 240258
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.5 19.6 29.4



#56
 2,4-Dinitrotoluene
 Concen: 6.599 ng
 RT: 9.83 min Scan# 1316
 Delta R.T. -0.21 min
 Lab File: BF104931.D
 Acq: 30 Apr 2018 14:34

Tgt Ion:165 Resp: 28281
 Ion Ratio Lower Upper
 165 100
 63 0.0 36.4 54.6#
 89 1.7 57.8 86.6#
 182 0.0 1.6 2.4#

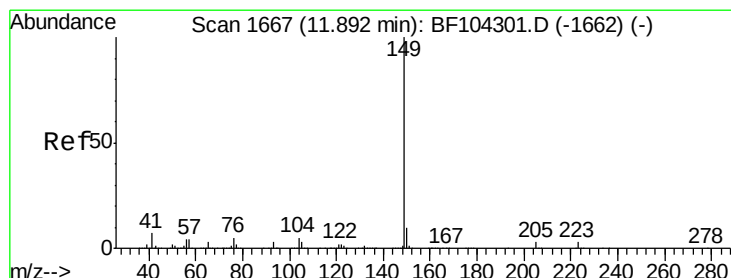
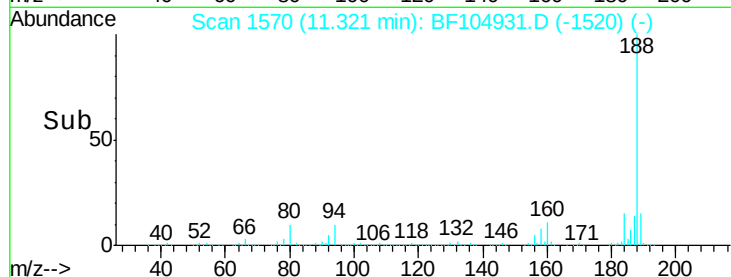
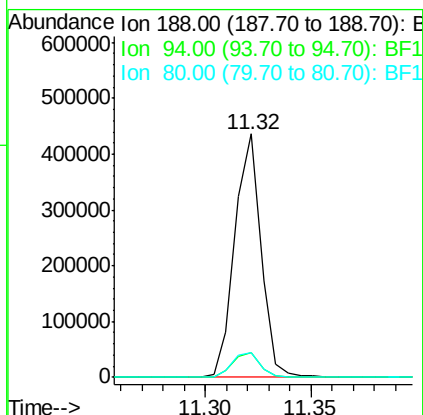
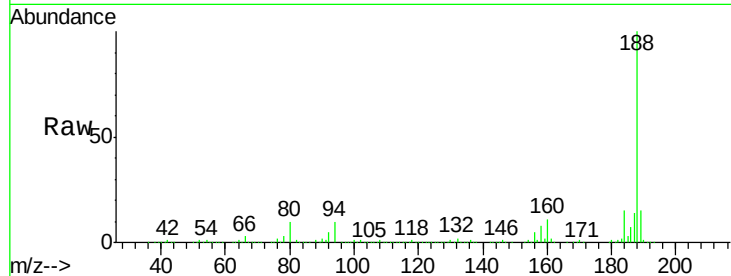




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.01 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

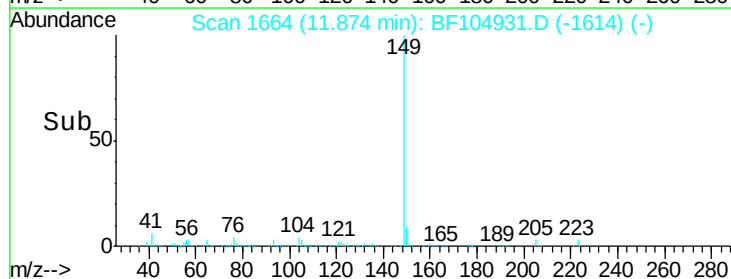
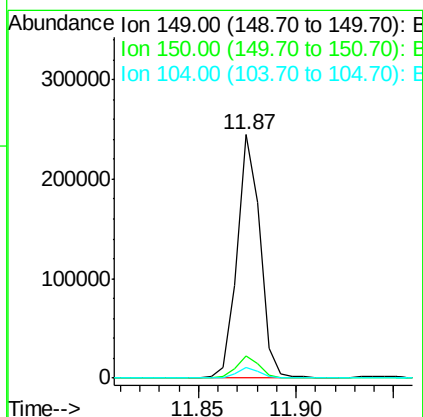
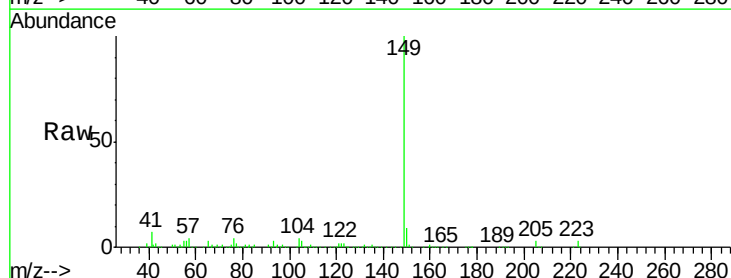
Instrument :
BNA_F
ClientSampled :

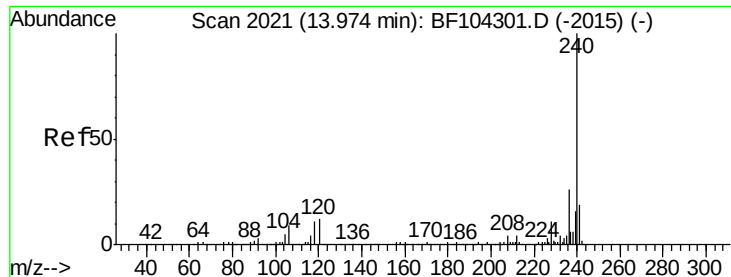
Tot Ion:188 Resp: 375021
Ion Ratio Lower Upper
188 100
94 10.3 8.5 12.7
80 10.1 9.2 13.8



#73
Di-n-butylphthalate
Concen: 7.826 ng
RT: 11.87 min Scan# 1664
Delta R.T. -0.01 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

Tgt Ion:149 Resp: 198322
Ion Ratio Lower Upper
149 100
150 9.2 7.8 11.6
104 4.4 3.8 5.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.00 min

Lab File: BF104931.D

Acq: 30 Apr 2018 14:34

Instrument :

BNA_F

ClientSampleId :

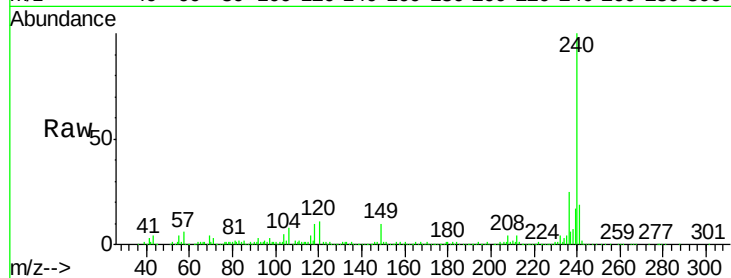
Tot Ion:240 Resp: 245143

Ion Ratio Lower Upper

240 100

120 11.3 9.5 14.3

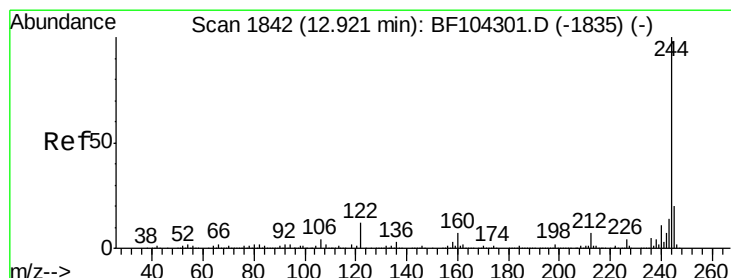
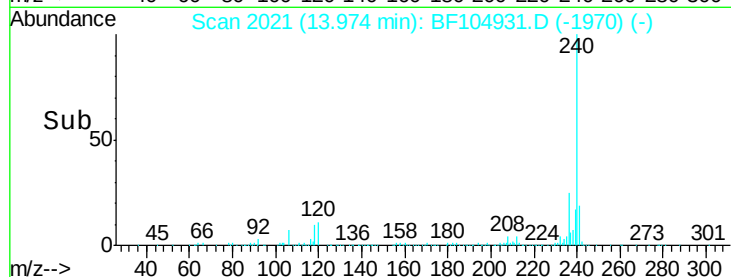
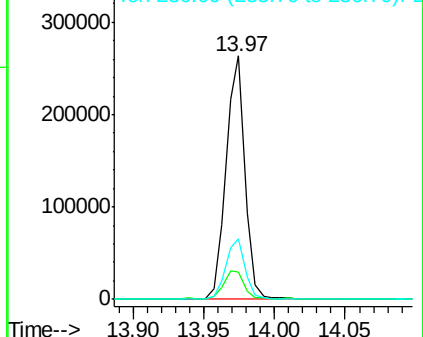
236 25.1 20.7 31.1



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



#78

Terphenyl-d14

Concen: 17.843 ng

RT: 12.90 min Scan# 1839

Delta R.T. -0.01 min

Lab File: BF104931.D

Acq: 30 Apr 2018 14:34

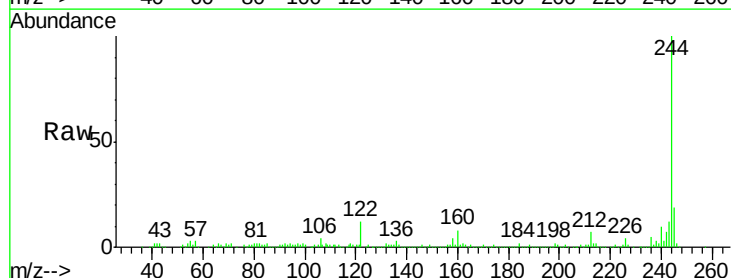
Tgt Ion:244 Resp: 191863

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

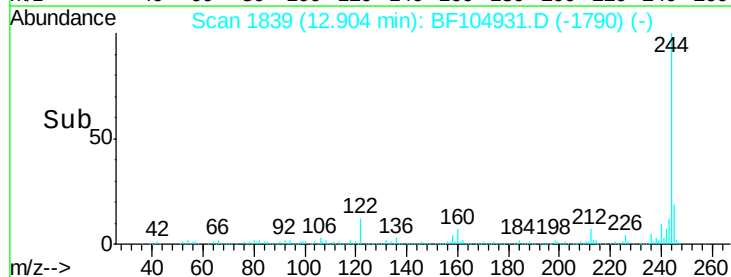
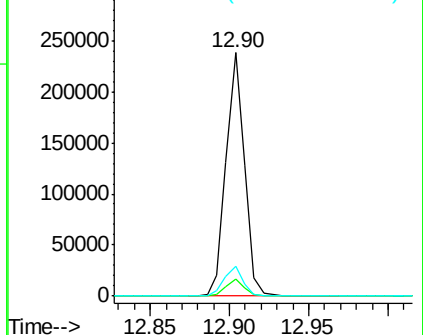
122 12.4 11.0 16.4

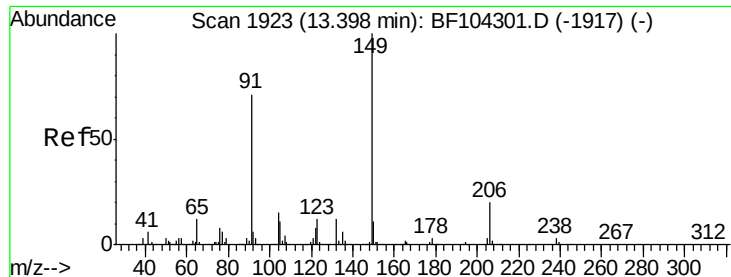


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

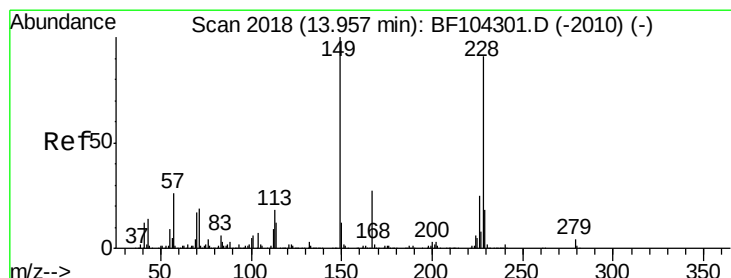
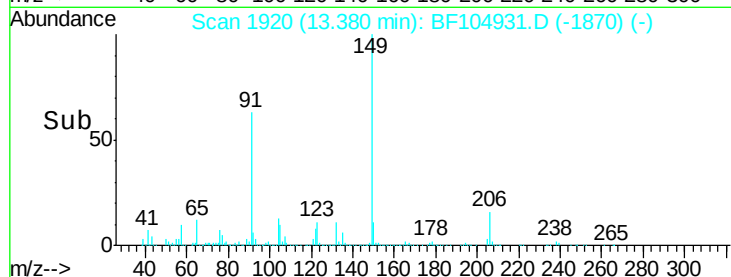
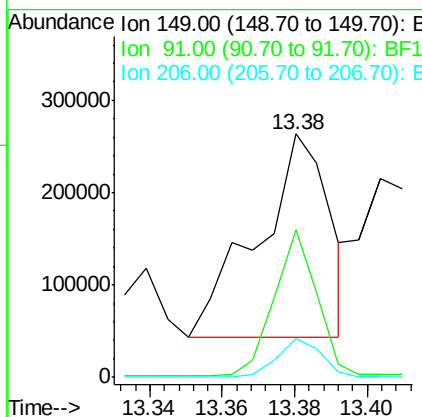
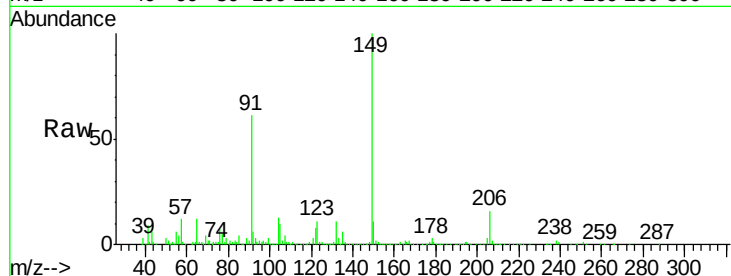




#79
Butylbenzylphthalate
Concen: 35.559 ng
RT: 13.38 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

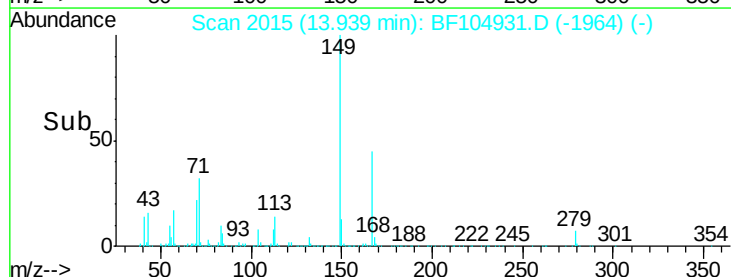
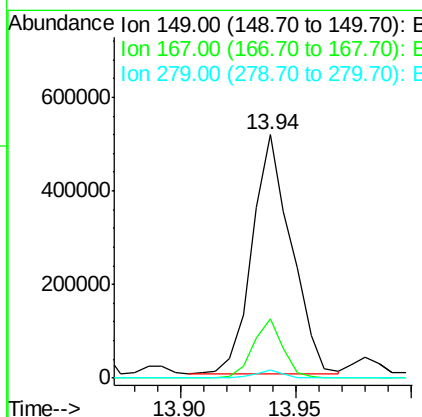
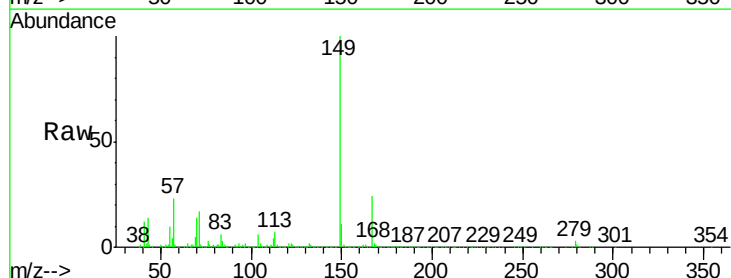
Instrument :
BNA_F
ClientSampleId :

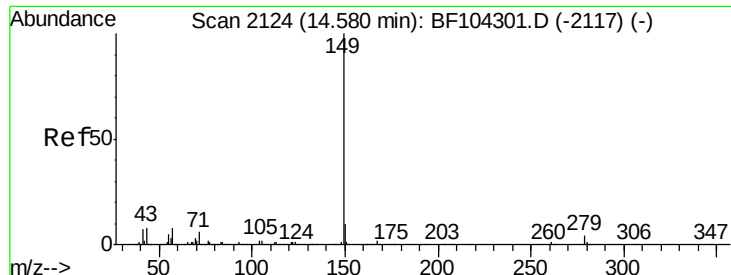
Tot Ion	Ratio	Lower	Upper
149	100		
91	60.6	56.8	85.2
206	15.8	14.1	21.1



#83
Bis(2-ethylhexyl)phthalate
Concen: 54.630 ng
RT: 13.94 min Scan# 2015
Delta R.T. -0.00 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

Tgt Ion	Ratio	Lower	Upper
149	100		
167	24.2	21.3	31.9
279	3.4	3.0	4.4

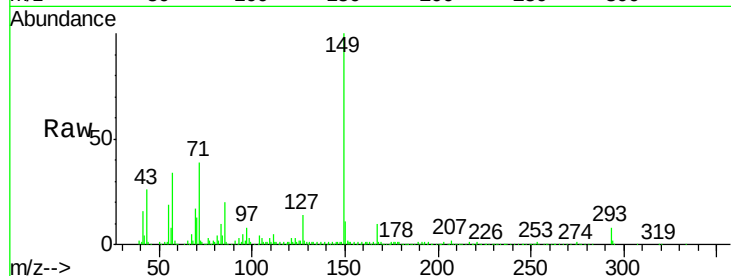




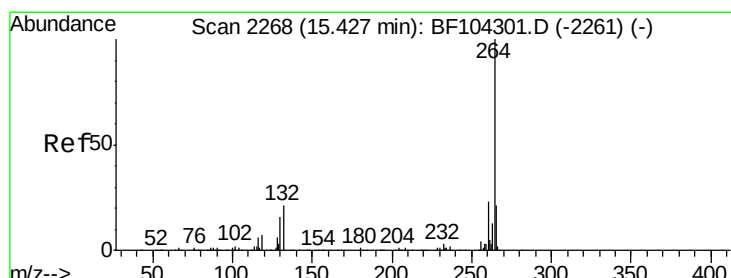
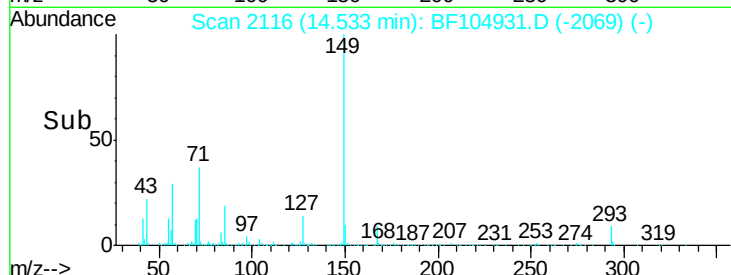
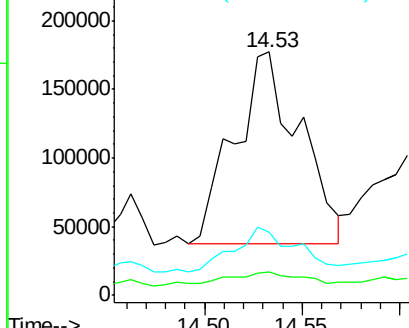
#84
Di-n-octyl phthalate
Concen: 17.504 ng
RT: 14.53 min Scan# 2116
Delta R.T. -0.02 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

Instrument :
BNA_F
ClientSampled :

Tot Ion:149 Resp: 322047
Ion Ratio Lower Upper
149 100
167 8.3 1.2 1.8#
43 22.6 8.4 12.6#

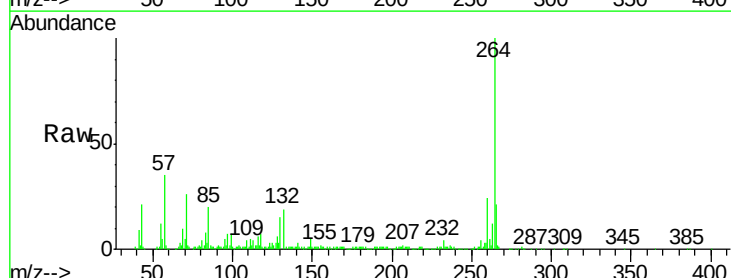


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.44 min Scan# 2270
Delta R.T. -0.00 min
Lab File: BF104931.D
Acq: 30 Apr 2018 14:34

Tgt Ion:264 Resp: 227328
Ion Ratio Lower Upper
264 100
260 23.7 19.2 28.8
265 21.4 17.5 26.3



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

