

Data Path : Z:\HPCHEM1\BNA F\DATA\BF061917\
 Data File : BF096010.D
 Acq On : 19 Jun 2017 17:17
 Operator : SJ/MA
 Sample : I3760-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TZBUD-20170616

Quant Time: Jun 20 02:34:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 16 17:12:03 2017
 Response via : Initial Calibration

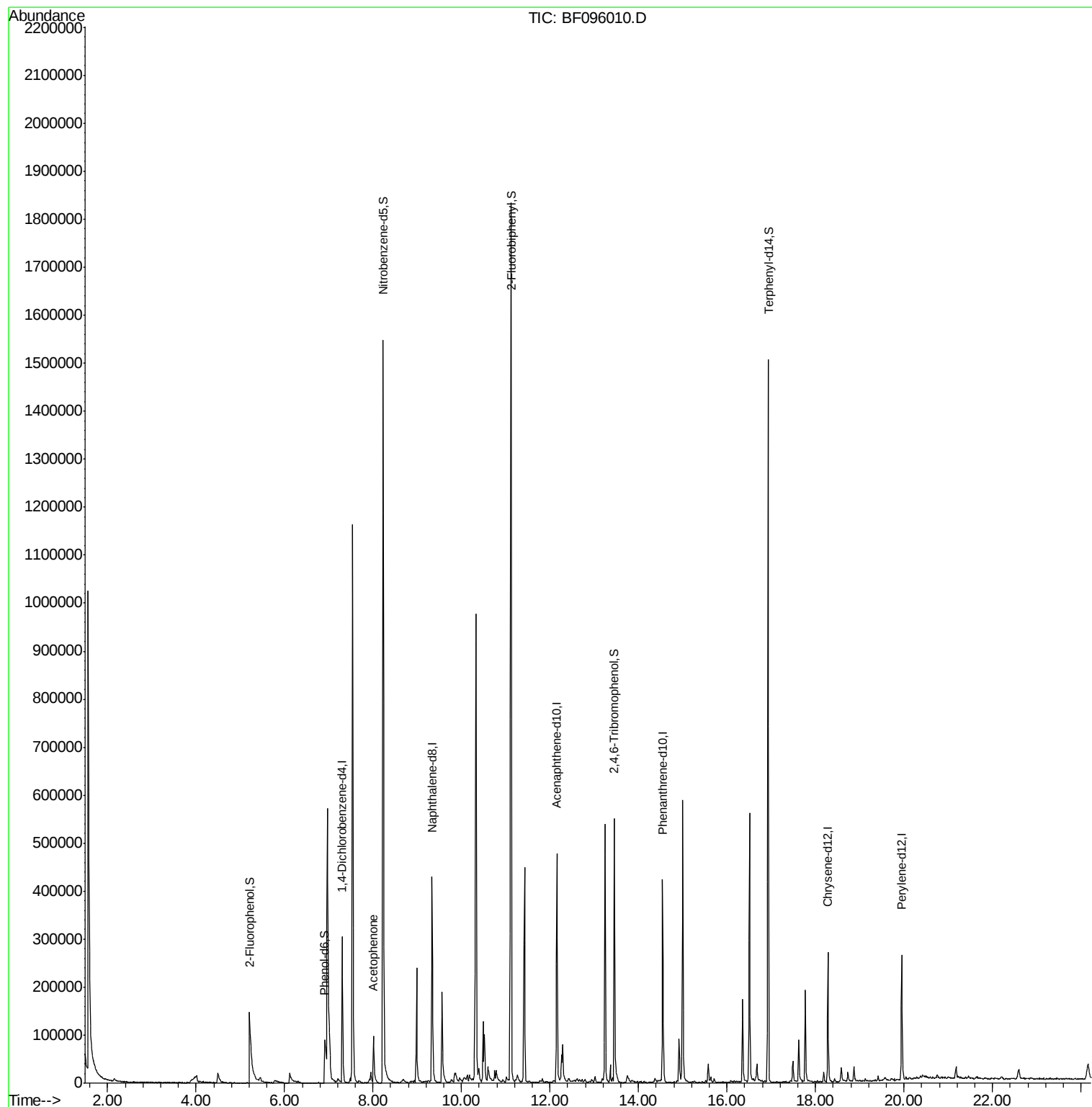
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.30	152	76524	20.00	ng	-0.02
21) Naphthalene-d8	9.33	136	317661	20.00	ng	-0.02
38) Acenaphthene-d10	12.16	164	136486	20.00	ng	-0.02
63) Phenanthrene-d10	14.54	188	223823	20.00	ng	-0.02
75) Chrysene-d12	18.28	240	136022	20.00	ng	-0.02
86) Perylene-d12	19.94	264	132601	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	158486	33.00	ng	0.00
7) Phenol-d6	6.92	99	123587	21.50	ng	0.00
23) Nitrobenzene-d5	8.23	82	406450	79.46	ng	-0.02
41) 2,4,6-Tribromophenol	13.45	330	99717	82.58	ng	-0.03
44) 2-Fluorobiphenyl	11.12	172	875878	89.30	ng	-0.02
78) Terphenyl-d14	16.93	244	597532	109.02	ng	-0.02
Target Compounds						
22) Acetophenone	8.01	105	60003	8.07	ng	Qvalue # 82

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

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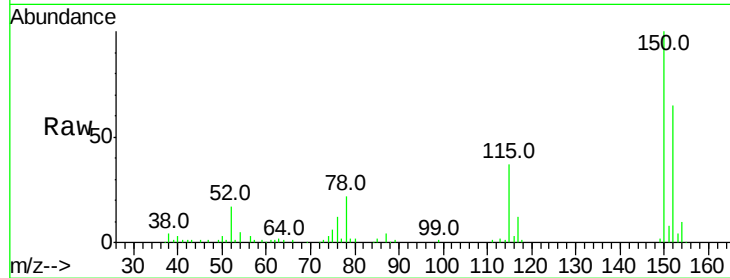


#1

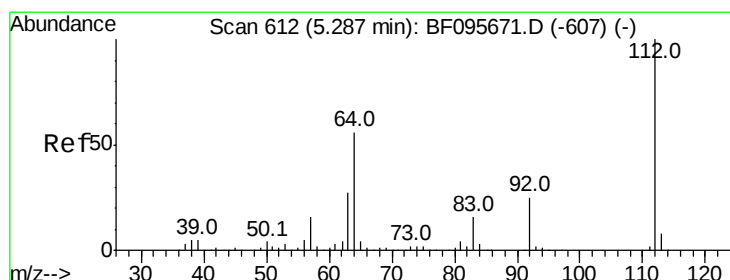
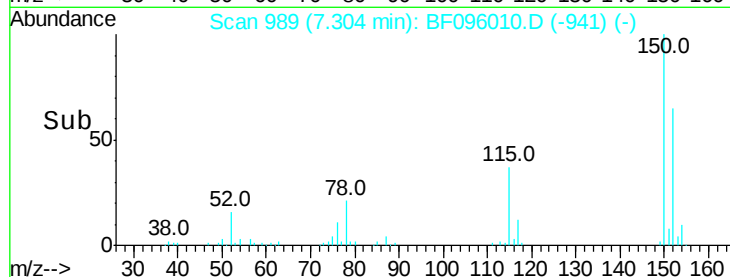
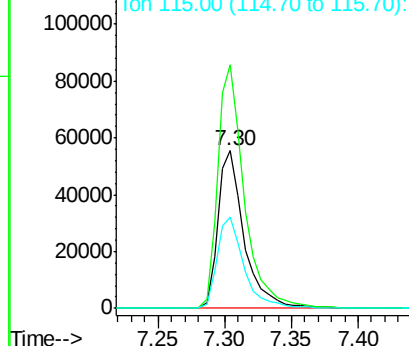
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.30 min Scan# 989
 Delta R.T. -0.02 min
 Lab File: BF096010.D
 Acq: 19 Jun 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 TZBUD-20170616

Tot Ion:152 Resp: 76524
 Ion Ratio Lower Upper
 152 100
 150 154.8 126.2 189.2
 115 58.0 52.2 78.2



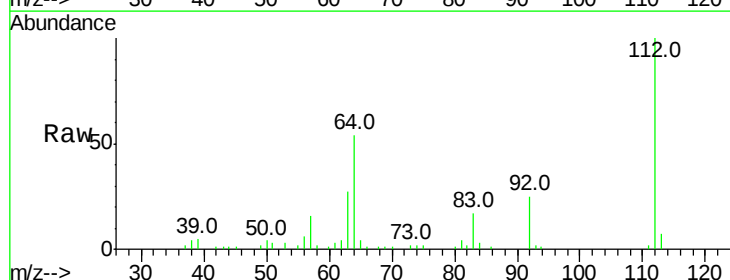
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



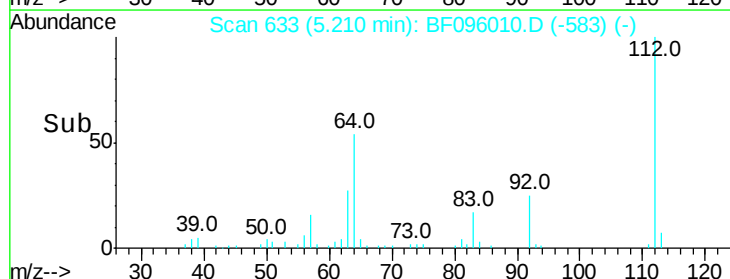
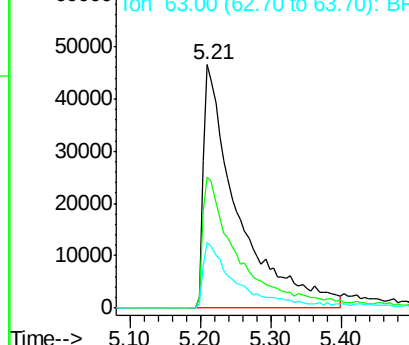
#5

2-Fluorophenol
 Concen: 33.00 ng
 RT: 5.21 min Scan# 633
 Delta R.T. -0.01 min
 Lab File: BF096010.D
 Acq: 19 Jun 2017 17:17

Tgt Ion:112 Resp: 158486
 Ion Ratio Lower Upper
 112 100
 64 53.8 46.0 69.0
 63 26.8 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: 21.50 ng

RT: 6.92 min Scan# 923

Delta R.T. 0.01 min

Lab File: BF096010.D

Acq: 19 Jun 2017 17:17

Instrument :

BNA_F

ClientSampleId :

TZBUD-20170616

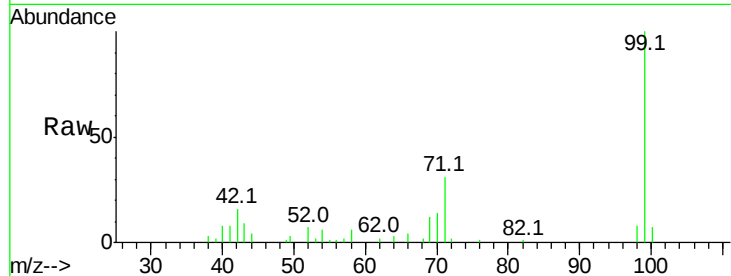
Tot Ion: 99 Resp: 123587

Ion Ratio Lower Upper

99 100

42 15.8 13.5 20.3

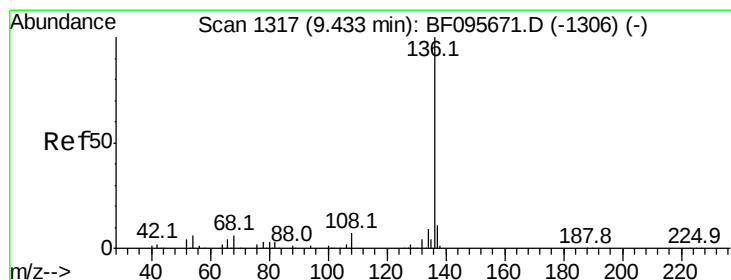
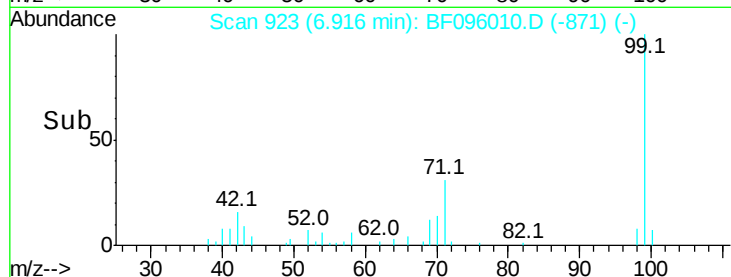
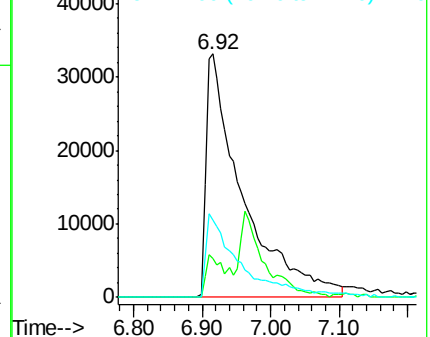
71 31.5 24.5 36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 9.33 min Scan# 1334

Delta R.T. -0.02 min

Lab File: BF096010.D

Acq: 19 Jun 2017 17:17

Tgt Ion: 136 Resp: 317661

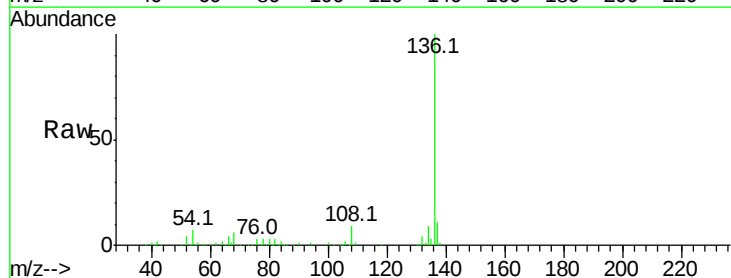
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 6.7 4.9 7.3

68 6.3 4.1 6.1#

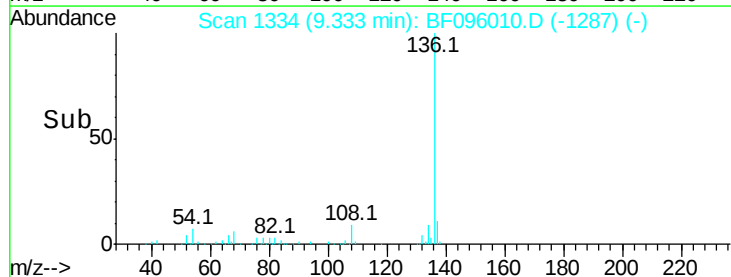
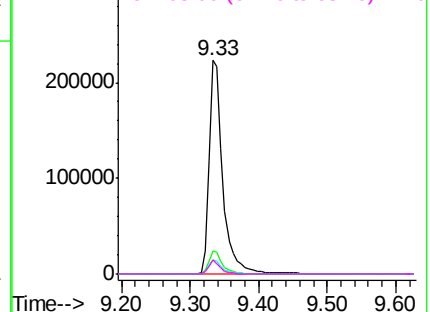


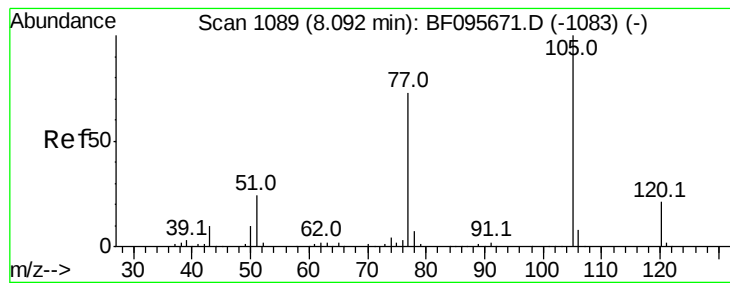
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0





#22

Acetophenone

Concen: 8.07 ng

RT: 8.01 min Scan# 1109

Delta R.T. -0.01 min

Lab File: BF096010.D

Acq: 19 Jun 2017 17:17

Instrument :

BNA_F

ClientSampleId :

TZBUD-20170616

Tot Ion:105 Resp: 60003

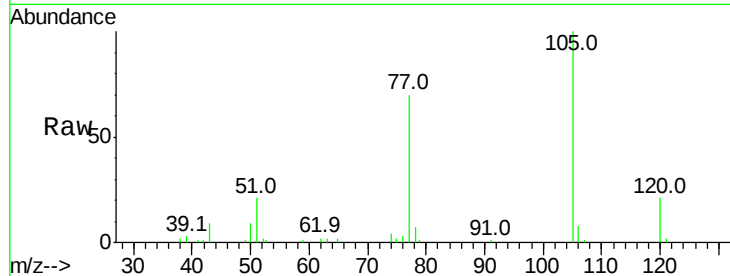
Ion Ratio Lower Upper

105 100

71 0.0 2.8 4.2#

51 20.9 30.7 46.1#

120 21.0 17.4 26.0

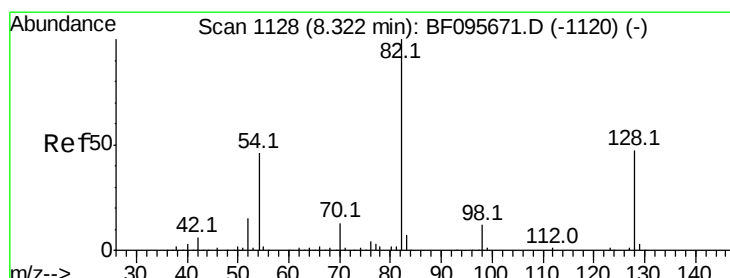
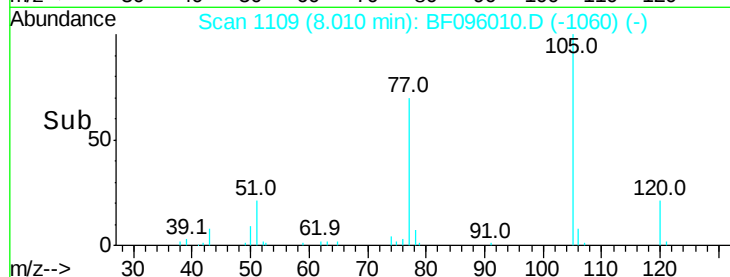
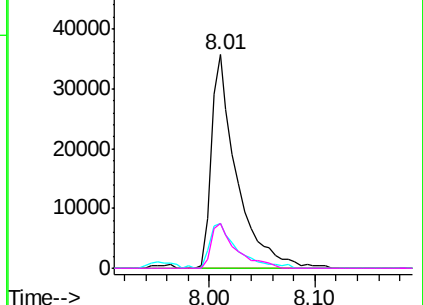


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 79.46 ng

RT: 8.23 min Scan# 1146

Delta R.T. -0.02 min

Lab File: BF096010.D

Acq: 19 Jun 2017 17:17

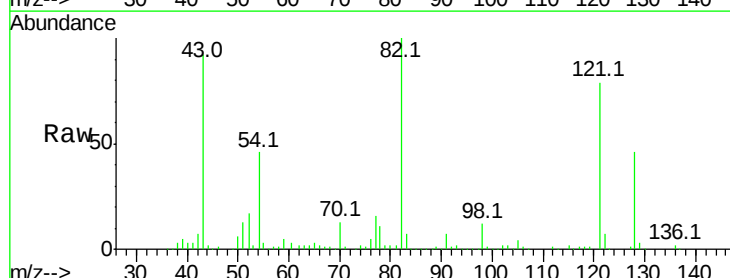
Tgt Ion: 82 Resp: 406450

Ion Ratio Lower Upper

82 100

128 46.1 34.0 51.0

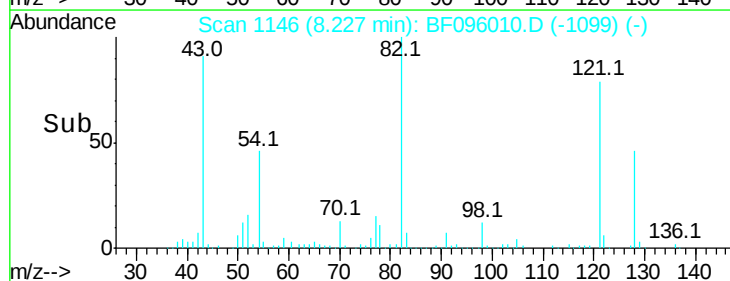
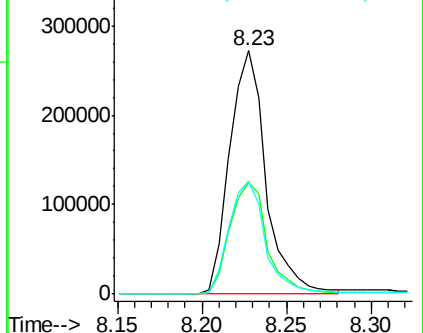
54 46.2 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 12.16 min Scan# 1814

Delta R.T. -0.02 min

Lab File: BF096010.D

Acq: 19 Jun 2017 17:17

Instrument :

BNA_F

ClientSampleId :

TZBUD-20170616

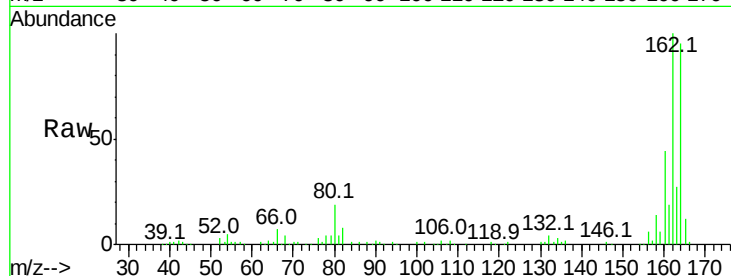
Tot Ion:164 Resp: 136486

Ion Ratio Lower Upper

164 100

162 105.3 82.6 123.8

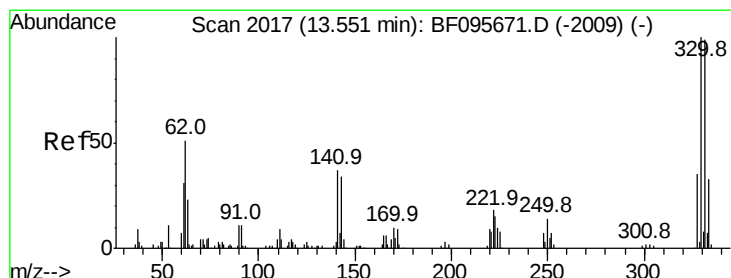
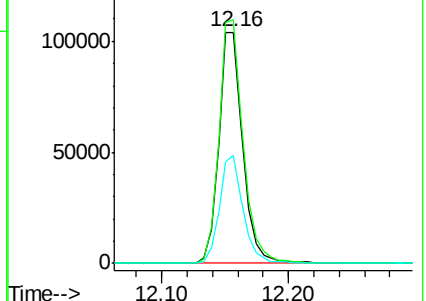
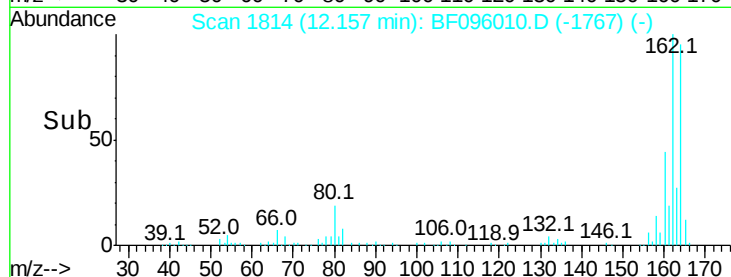
160 46.6 36.2 54.2



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: 82.58 ng

RT: 13.45 min Scan# 2034

Delta R.T. -0.03 min

Lab File: BF096010.D

Acq: 19 Jun 2017 17:17

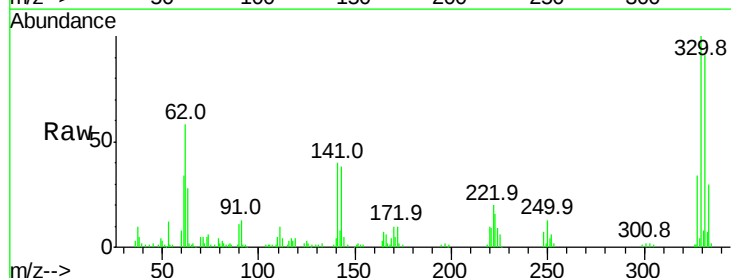
Tgt Ion:330 Resp: 99717

Ion Ratio Lower Upper

330 100

332 94.3 76.6 115.0

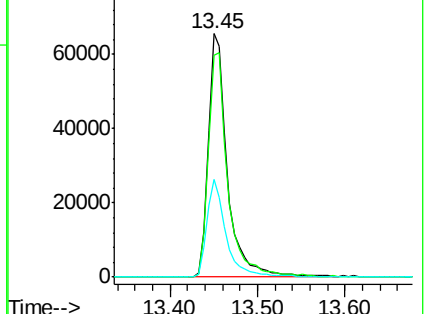
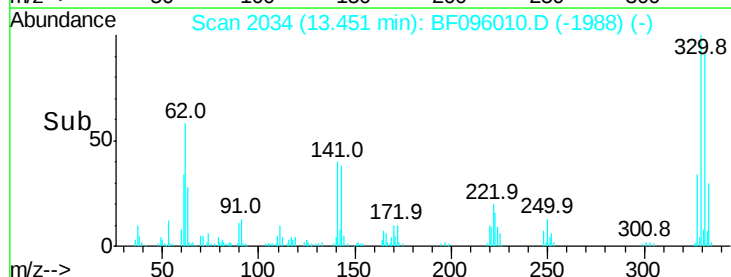
141 39.8 31.4 47.2

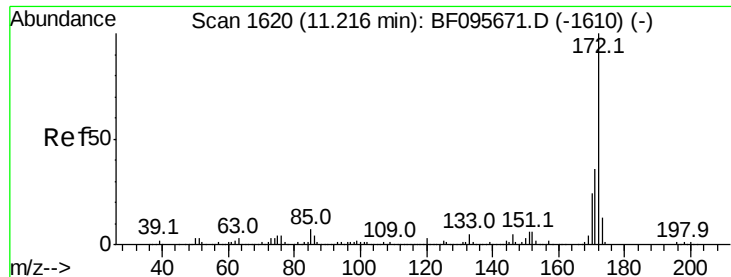


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

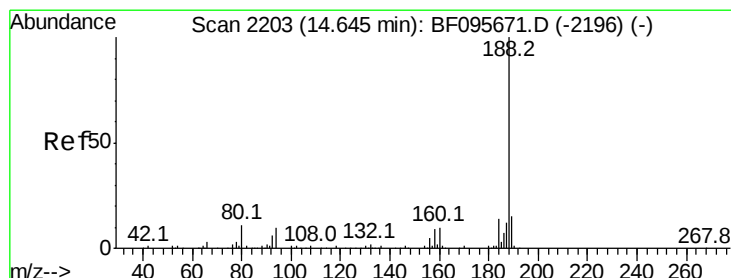
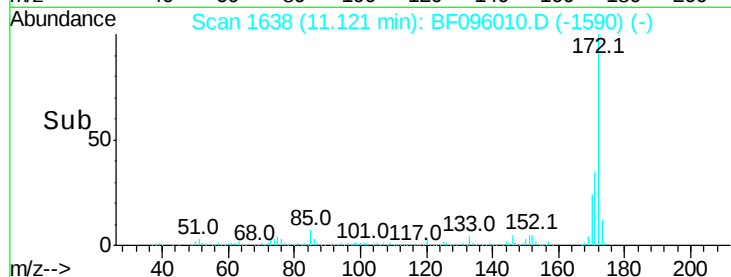
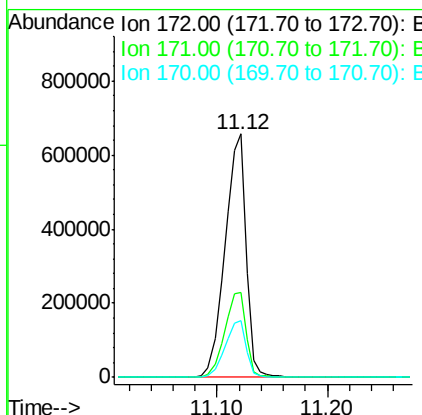
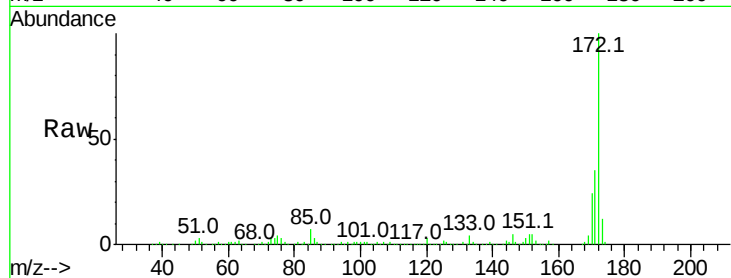




#44
2-Fluorobiphenyl
Concen: 89.30 ng
RT: 11.12 min Scan# 1638
Delta R.T. -0.02 min
Lab File: BF096010.D
Acq: 19 Jun 2017 17:17

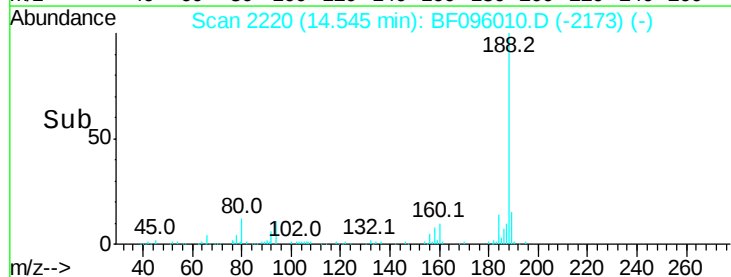
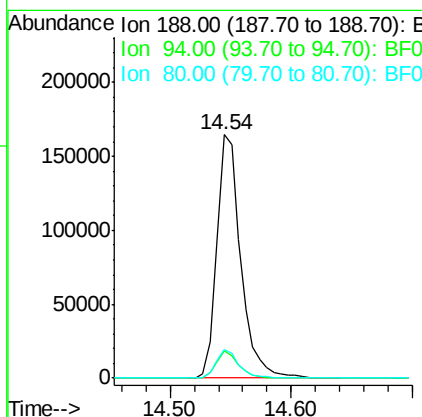
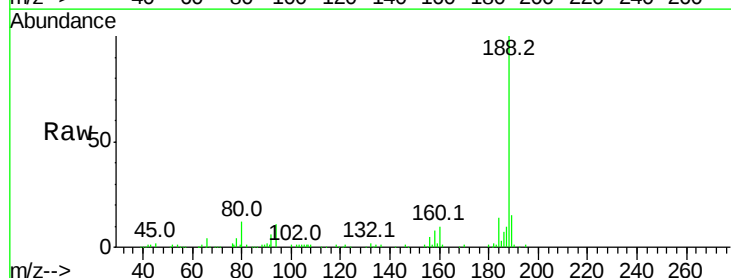
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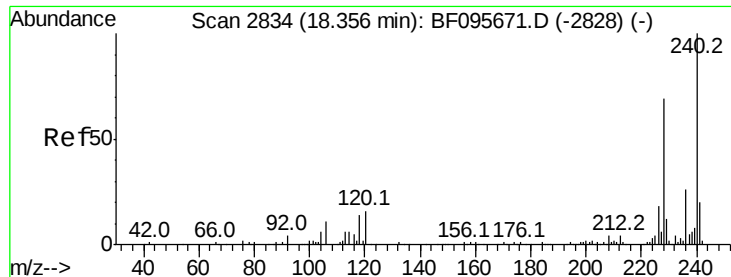
Tot Ion:172 Resp: 875878
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.6 19.8 29.8



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 14.54 min Scan# 2220
Delta R.T. -0.02 min
Lab File: BF096010.D
Acq: 19 Jun 2017 17:17

Tgt Ion:188 Resp: 223823
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 12.0 10.2 15.2

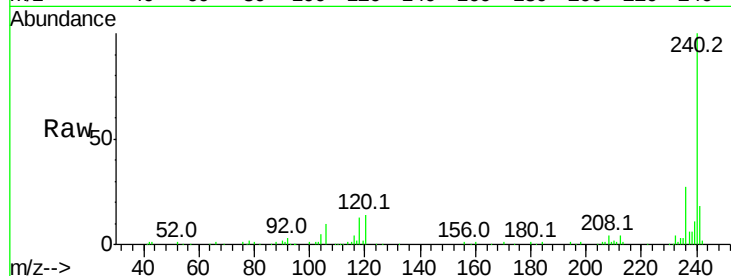




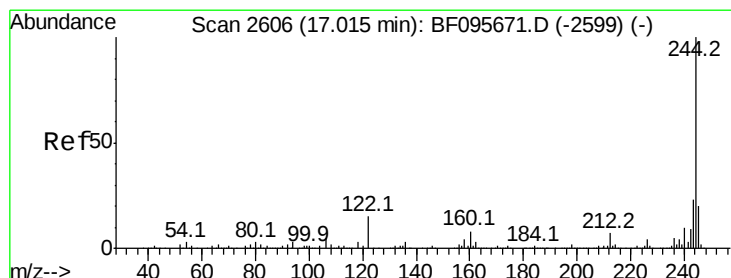
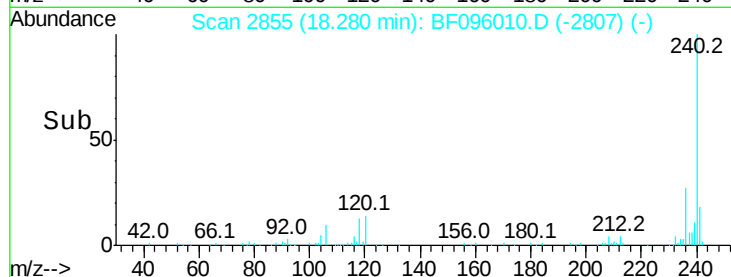
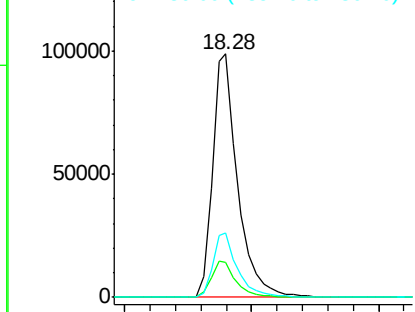
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 18.28 min Scan# 2855
 Delta R.T. -0.02 min
 Lab File: BF096010.D
 Acq: 19 Jun 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 TZBUD-20170616

Tot Ion:240 Resp: 136022
 Ion Ratio Lower Upper
 240 100
 120 14.3 5.8 8.8#
 236 26.5 20.5 30.7

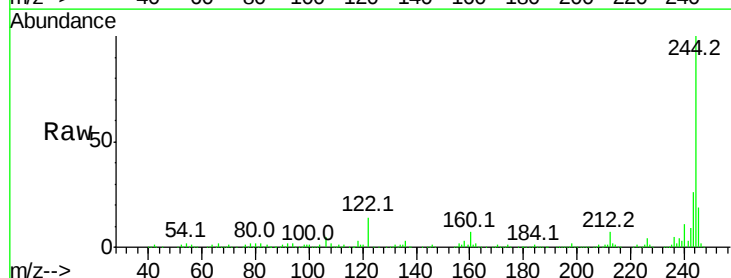


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

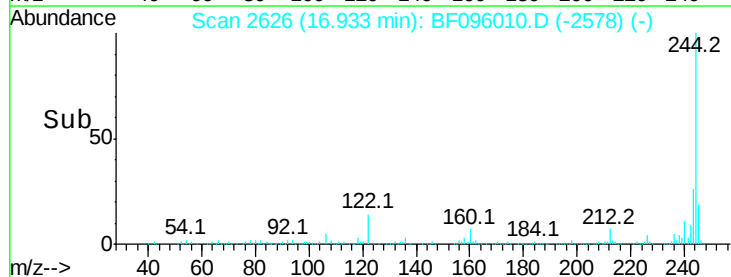
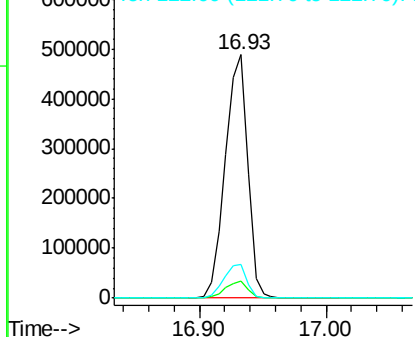


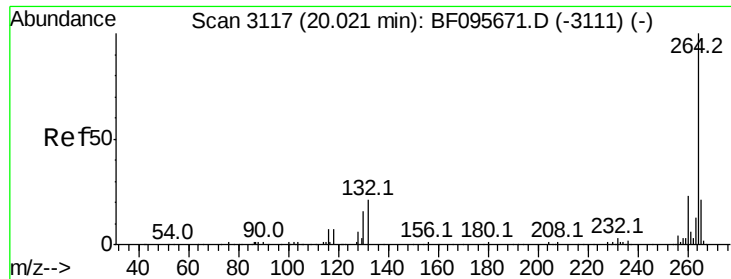
#78
 Terphenyl-d14
 Concen: 109.02 ng
 RT: 16.93 min Scan# 2626
 Delta R.T. -0.02 min
 Lab File: BF096010.D
 Acq: 19 Jun 2017 17:17

Tgt Ion:244 Resp: 597532
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 13.6 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

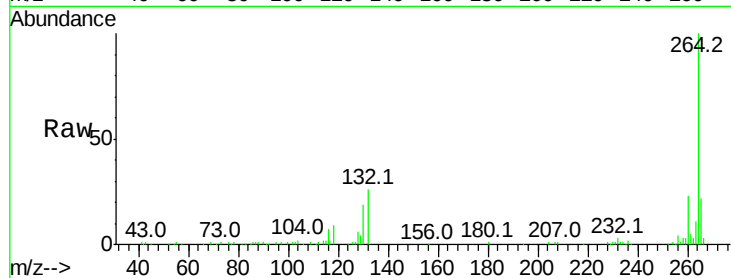




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 19.94 min Scan# 3138
 Delta R.T. -0.02 min
 Lab File: BF096010.D
 Acq: 19 Jun 2017 17:17

Instrument :
 BNA_F
 ClientSampleId :
 TZBUD-20170616

Tot Ion: 264 Resp: 132601
 Ion Ratio Lower Upper
 264 100
 260 22.8 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

