

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062817\
 Data File : BF096264.D
 Acq On : 28 Jun 2017 22:04
 Operator : SJ/MA
 Sample : I3911-01
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-062317

Quant Time: Jun 29 05:17:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

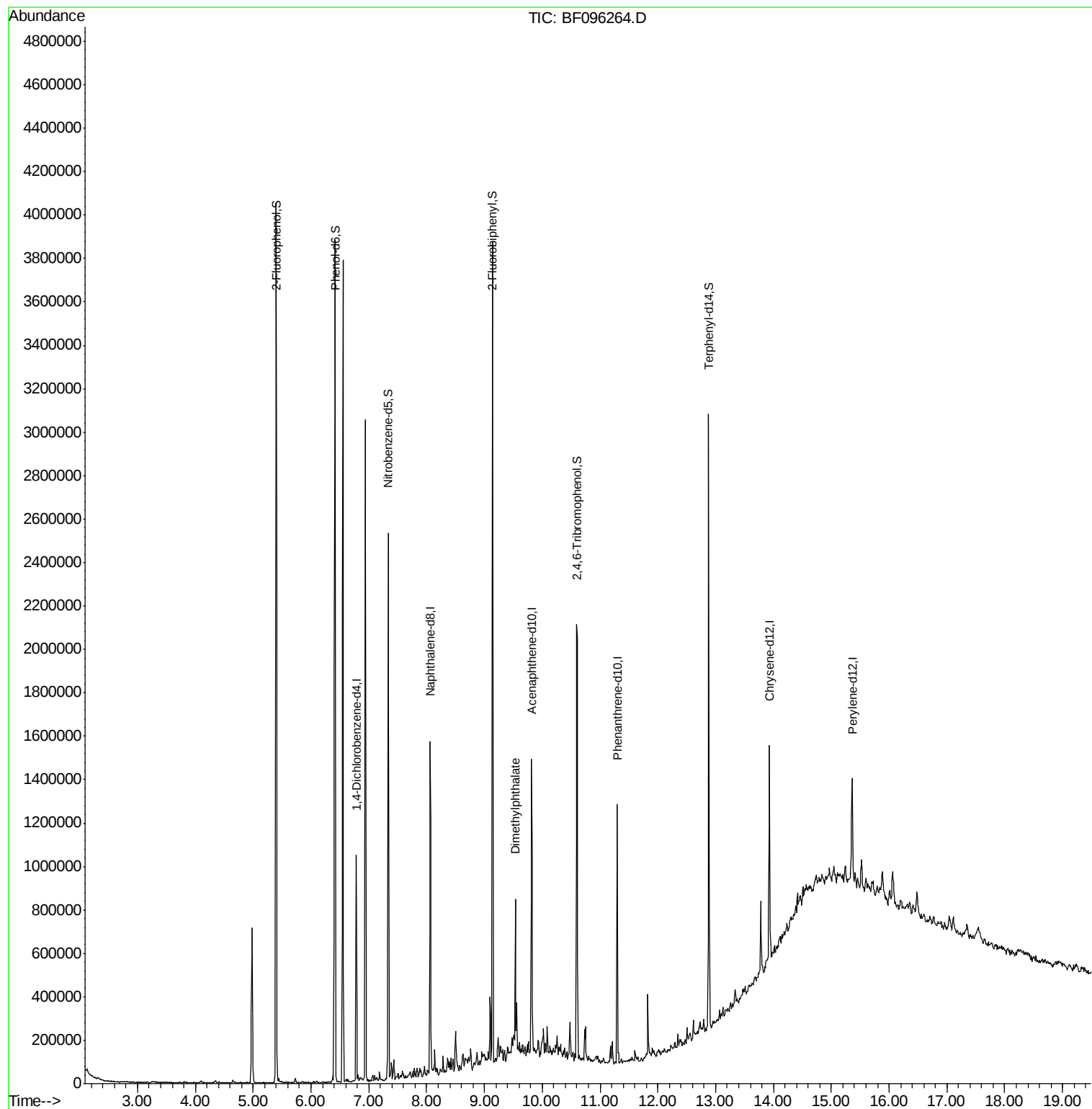
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	152468	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	607301	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	235028	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	384565	20.00	ng	0.01
75) Chrysene-d12	13.93	240	331129	20.00	ng	0.01
86) Perylene-d12	15.36	264	242617	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.40	112	1132582	107.02	ng	0.02
7) Phenol-d6	6.42	99	1360330	106.15	ng	0.02
23) Nitrobenzene-d5	7.34	82	748129	85.28	ng	-0.02
41) 2,4,6-Tribromophenol	10.60	330	265756	143.68	ng	0.01
44) 2-Fluorobiphenyl	9.14	172	1173990	91.48	ng	-0.01
78) Terphenyl-d14	12.88	244	929783	70.07	ng	0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.53	163	277579	16.50	ng	99

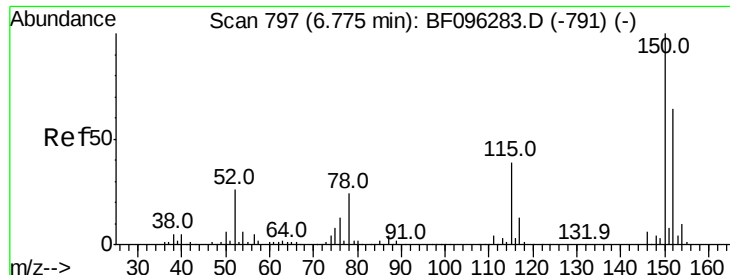
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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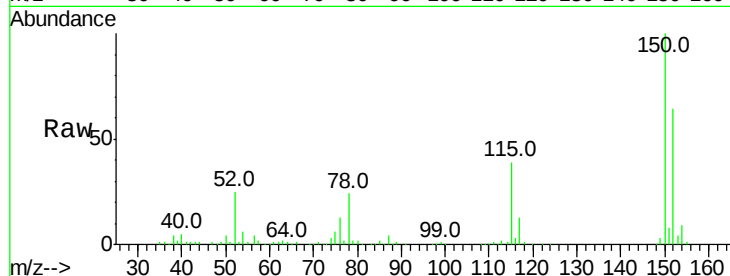


#1

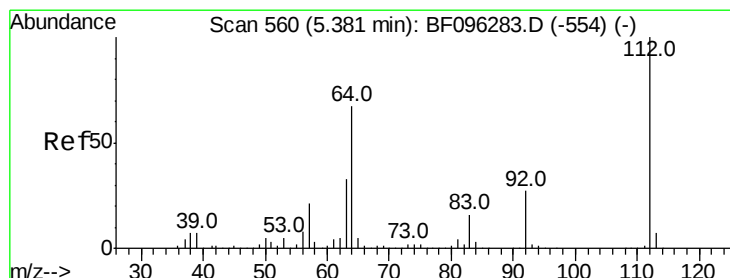
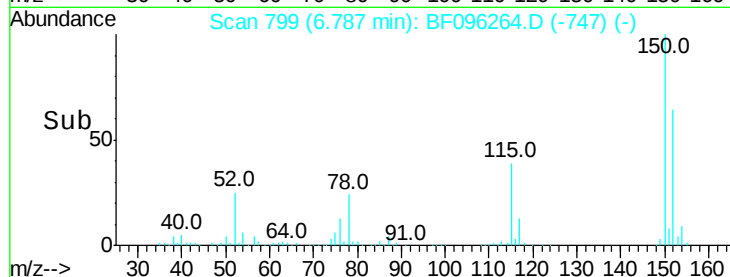
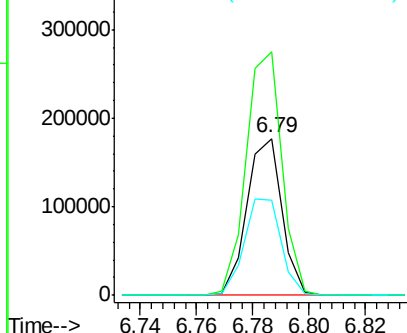
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.79 min Scan# 799
 Delta R.T. 0.01 min
 Lab File: BF096264.D
 Acq: 28 Jun 2017 22:04

Instrument :
 BNA_F
 ClientSampleId :
 SU-04-062317

Tot Ion:152 Resp: 152468
 Ion Ratio Lower Upper
 152 100
 150 155.1 126.2 189.2
 115 61.0 52.2 78.2



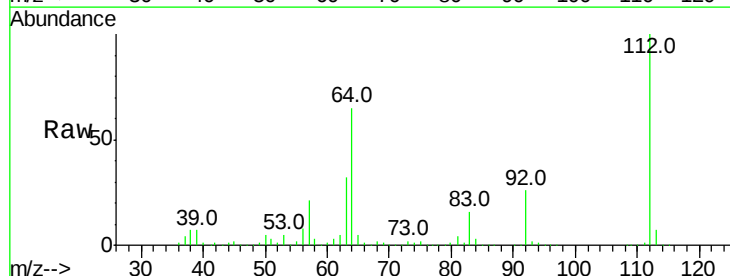
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



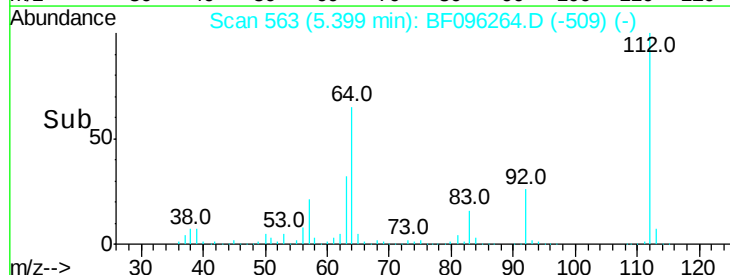
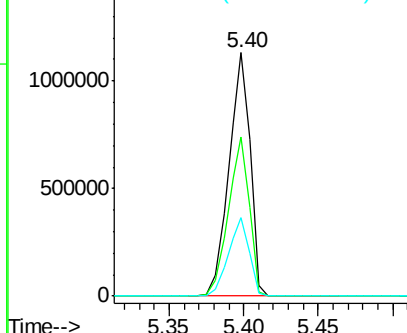
#5

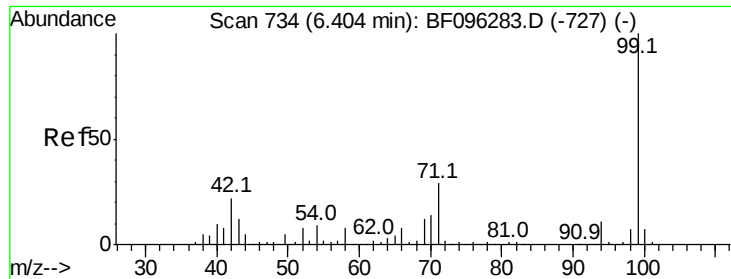
2-Fluorophenol
 Concen: 107.02 ng
 RT: 5.40 min Scan# 563
 Delta R.T. 0.02 min
 Lab File: BF096264.D
 Acq: 28 Jun 2017 22:04

Tgt Ion:112 Resp: 1132582
 Ion Ratio Lower Upper
 112 100
 64 65.4 46.0 69.0
 63 32.4 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: 106.15 ng

RT: 6.42 min Scan# 736

Delta R.T. 0.02 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

Instrument :

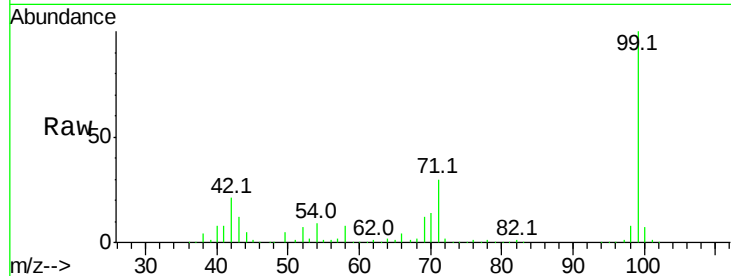
BNA_F

ClientSampleId :

SU-04-062317

Tot Ion: 99 Resp: 1360330

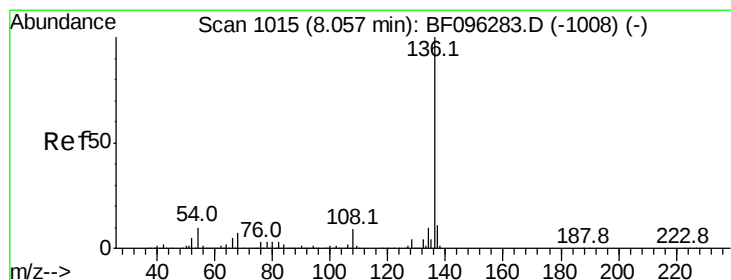
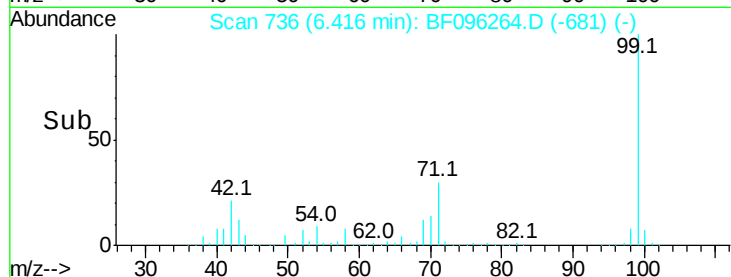
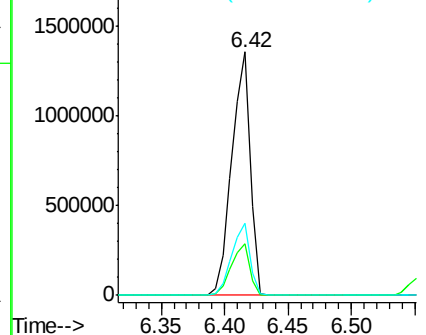
Ion	Ratio	Lower	Upper
99	100		
42	21.0	13.5	20.3#
71	29.6	24.5	36.7



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: 8.06 min Scan# 1016

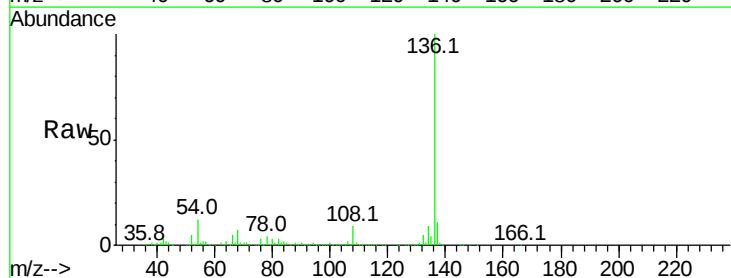
Delta R.T. 0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

Tgt Ion: 136 Resp: 607301

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	11.6	4.9	7.3#
68	7.3	4.1	6.1#

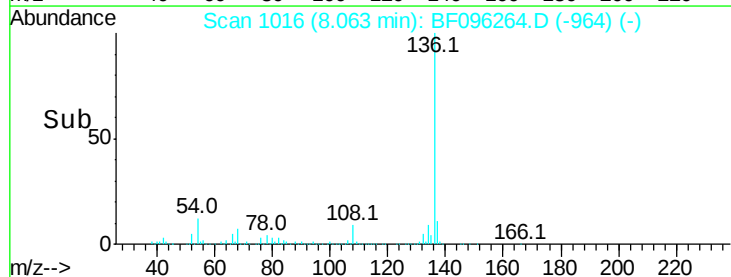
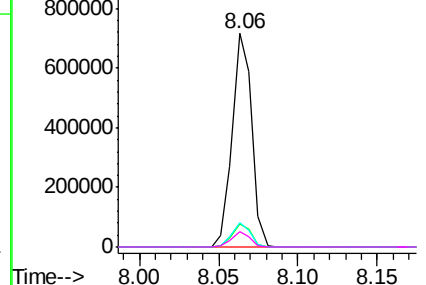


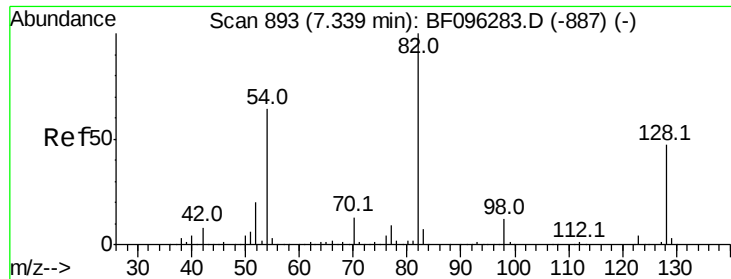
Abundance Ion 136.00 (135.70 to 136.70): E

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





#23

Nitrobenzene-d5

Concen: 85.28 ng

RT: 7.34 min Scan# 893

Delta R.T. -0.02 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SU-04-062317

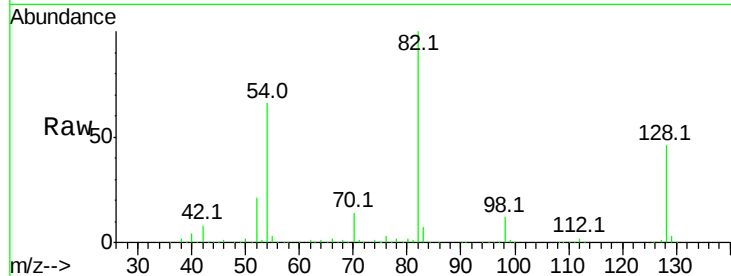
Tot Ion: 82 Resp: 748129

Ion Ratio Lower Upper

82 100

128 46.0 34.0 51.0

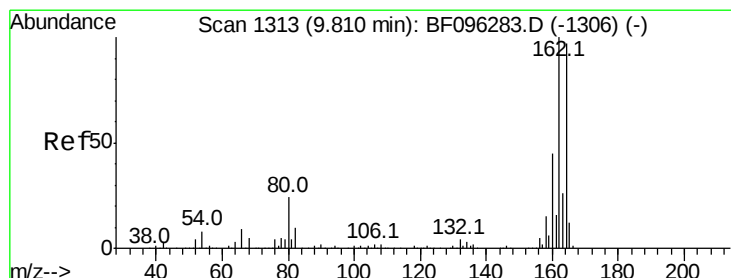
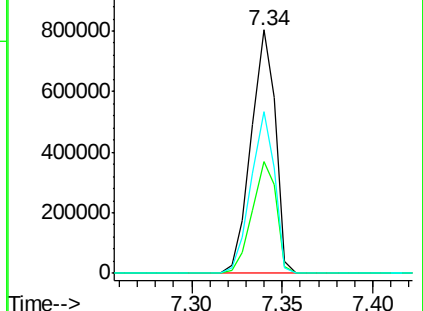
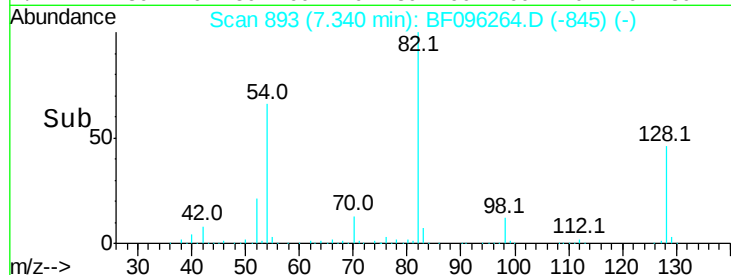
54 66.3 42.2 63.2#



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: 9.82 min Scan# 1314

Delta R.T. 0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

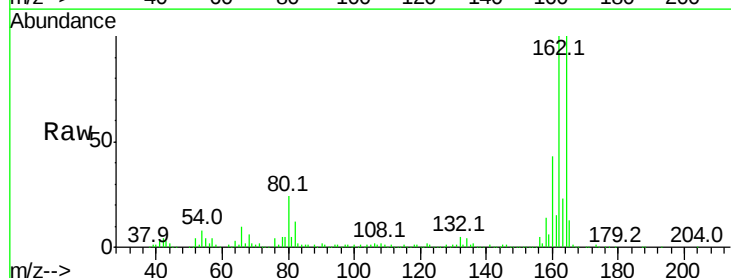
Tgt Ion:164 Resp: 235028

Ion Ratio Lower Upper

164 100

162 99.7 82.6 123.8

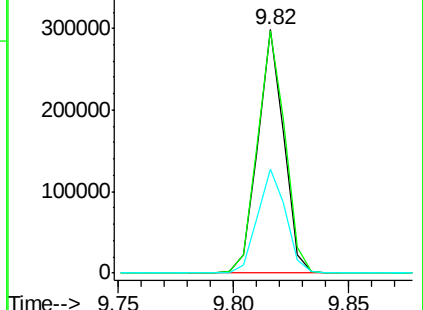
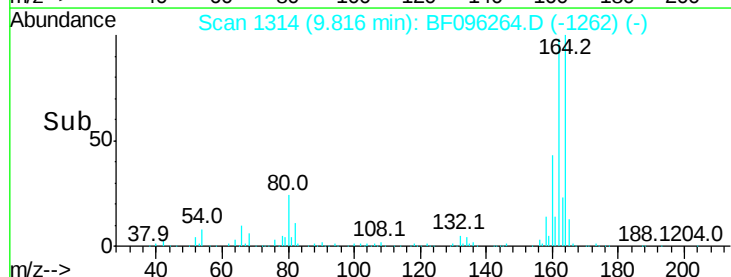
160 42.9 36.2 54.2

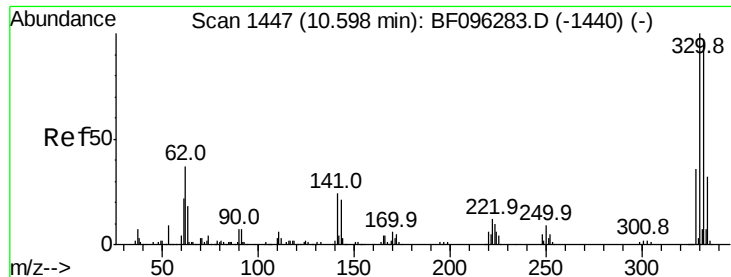


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 143.68 ng

RT: 10.60 min Scan# 1448

Delta R.T. 0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SU-04-062317

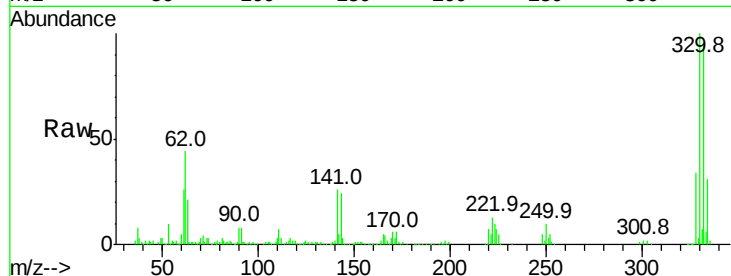
Tot Ion:330 Resp: 265756

Ion Ratio Lower Upper

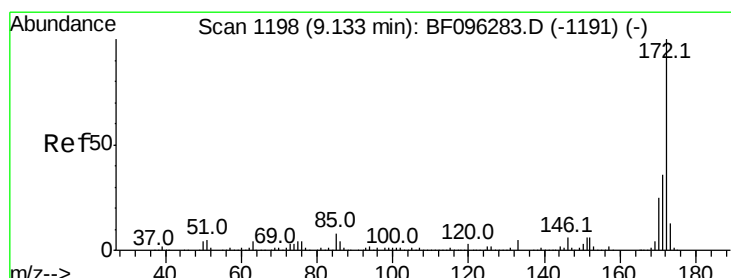
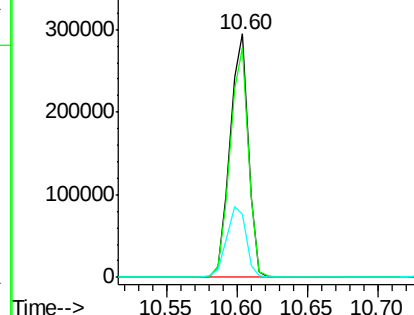
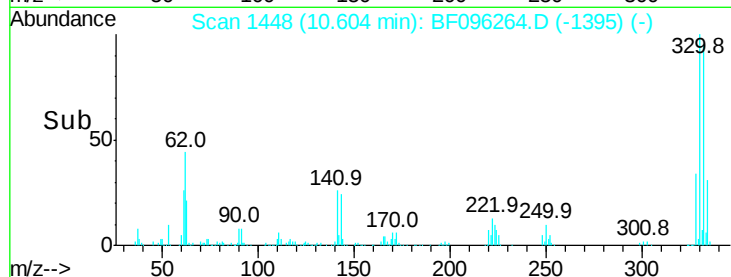
330 100

332 95.1 76.6 115.0

141 30.7 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: 91.48 ng

RT: 9.14 min Scan# 1199

Delta R.T. -0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

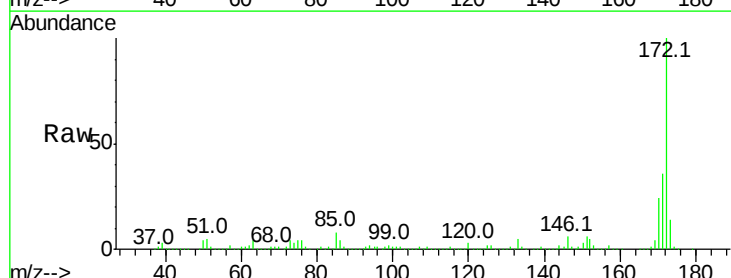
Tgt Ion:172 Resp: 1173990

Ion Ratio Lower Upper

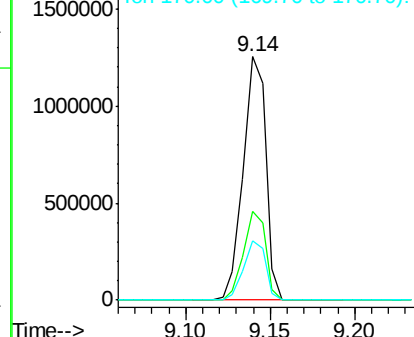
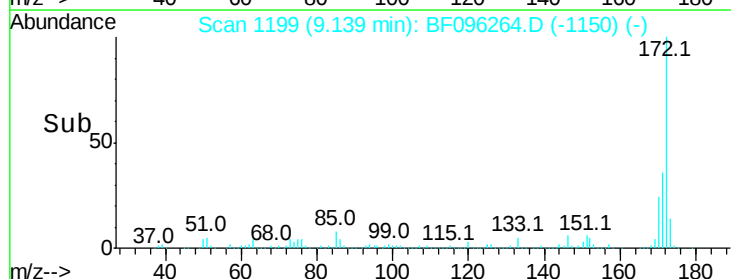
172 100

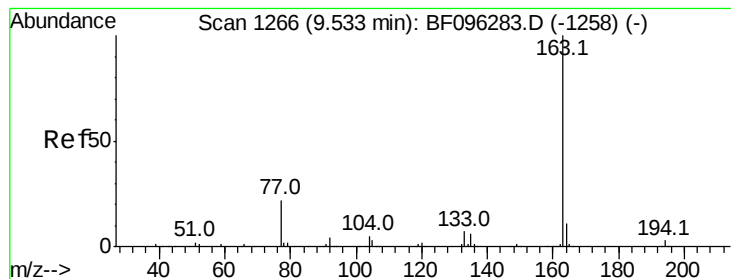
171 36.4 29.6 44.4

170 24.4 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: 16.50 ng

RT: 9.53 min Scan# 1266

Delta R.T. 0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SU-04-062317

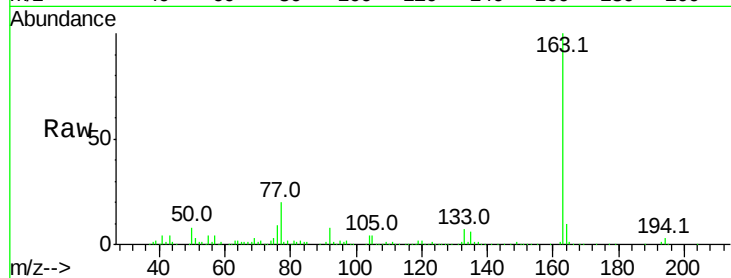
Tot Ion:163 Resp: 277579

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

164 9.9 8.4 12.6

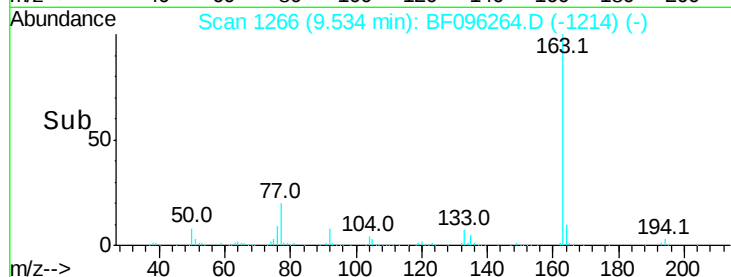


Abundance Ion 163.00 (162.70 to 163.70): E

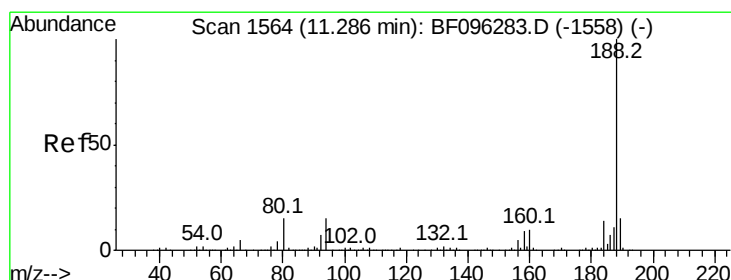
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

Time-->



Time-->



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.30 min Scan# 1566

Delta R.T. 0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

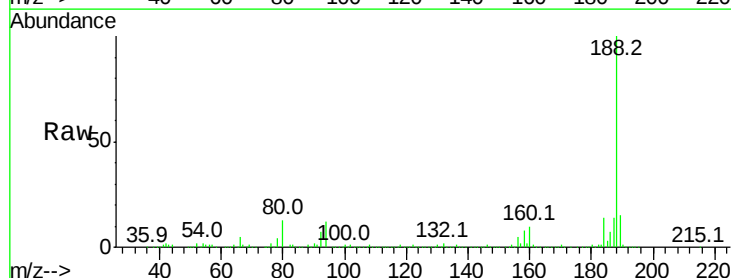
Tgt Ion:188 Resp: 384565

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

80 13.5 10.2 15.2

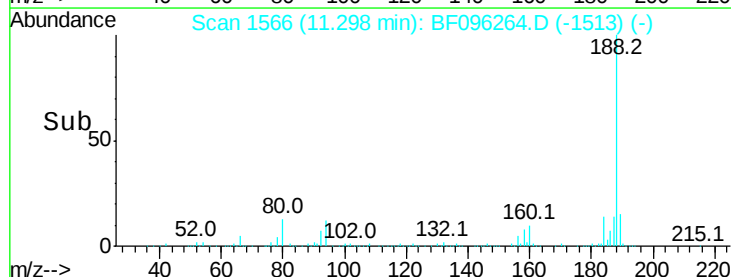


Abundance Ion 188.00 (187.70 to 188.70): E

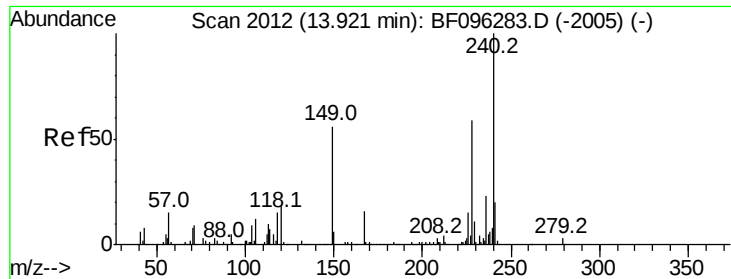
Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

Time-->



Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.93 min Scan# 2013

Delta R.T. 0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

Instrument :

BNA_F

ClientSampleId :

SU-04-062317

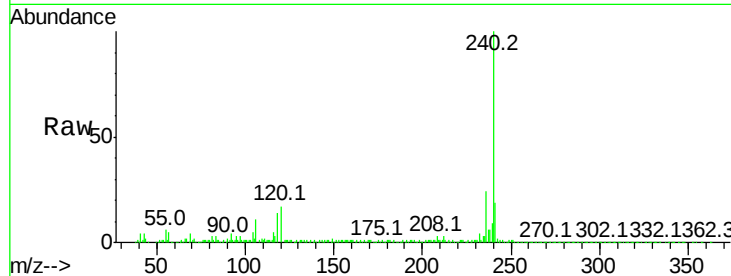
Tot Ion:240 Resp: 331129

Ion Ratio Lower Upper

240 100

120 17.1 5.8 8.8#

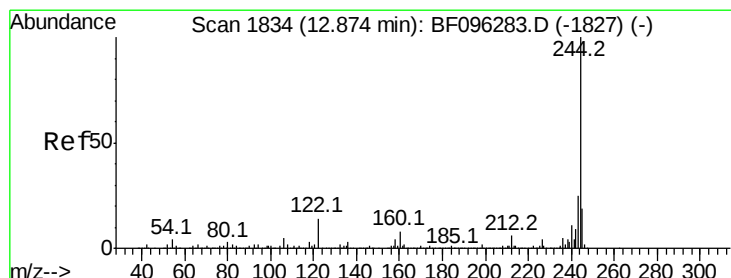
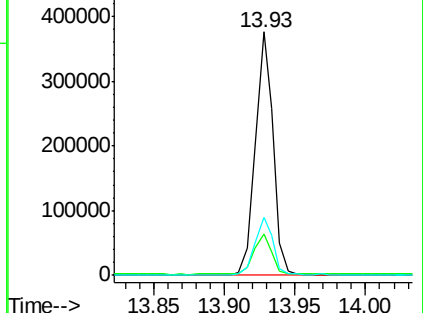
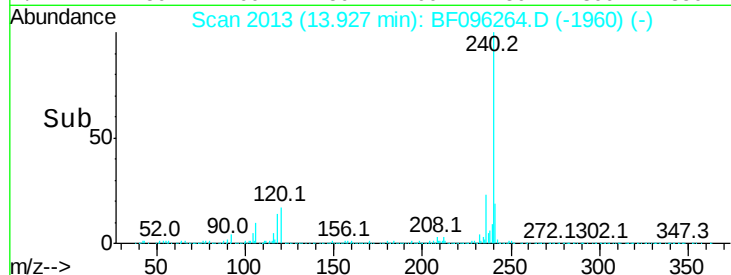
236 23.8 20.5 30.7



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: 70.07 ng

RT: 12.88 min Scan# 1835

Delta R.T. 0.01 min

Lab File: BF096264.D

Acq: 28 Jun 2017 22:04

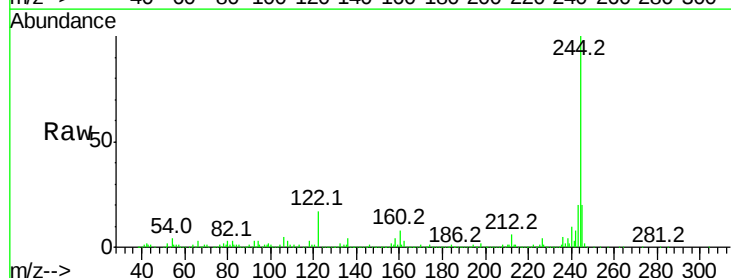
Tgt Ion:244 Resp: 929783

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

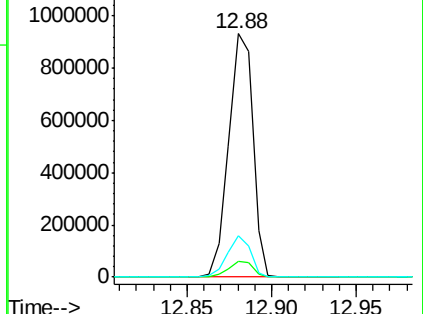
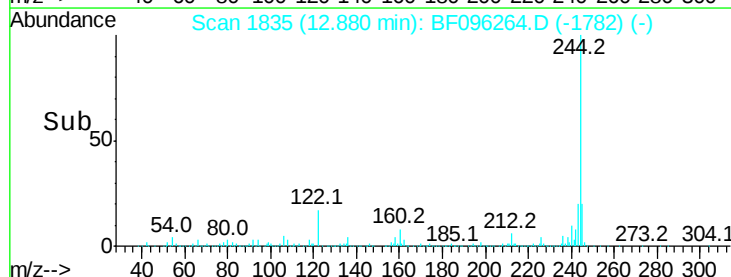
122 16.8 10.3 15.5#

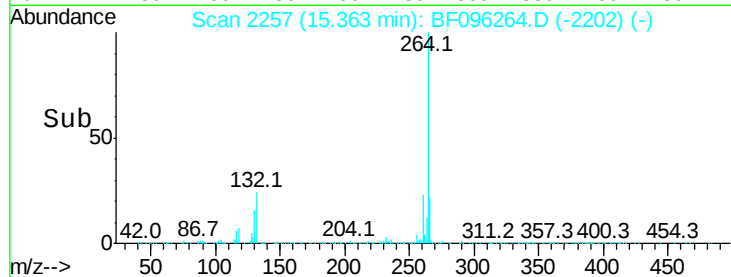
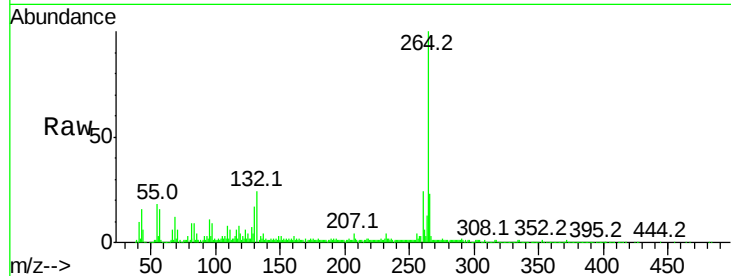
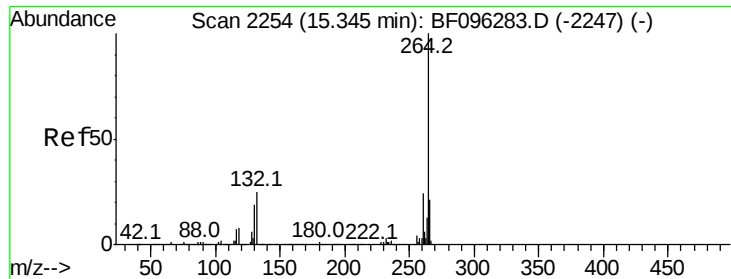


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.36 min Scan# 2257
Delta R.T. 0.02 min
Lab File: BF096264.D
Acq: 28 Jun 2017 22:04

Instrument :
BNA_F
ClientSampleId :
SU-04-062317

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.5	29.3
265	22.5	17.2	25.8

