

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070317\
 Data File : BF096458.D
 Acq On : 4 Jul 2017 00:29
 Operator : SJ/MA
 Sample : I4028-01
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CA

Quant Time: Jul 04 03:45:48 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

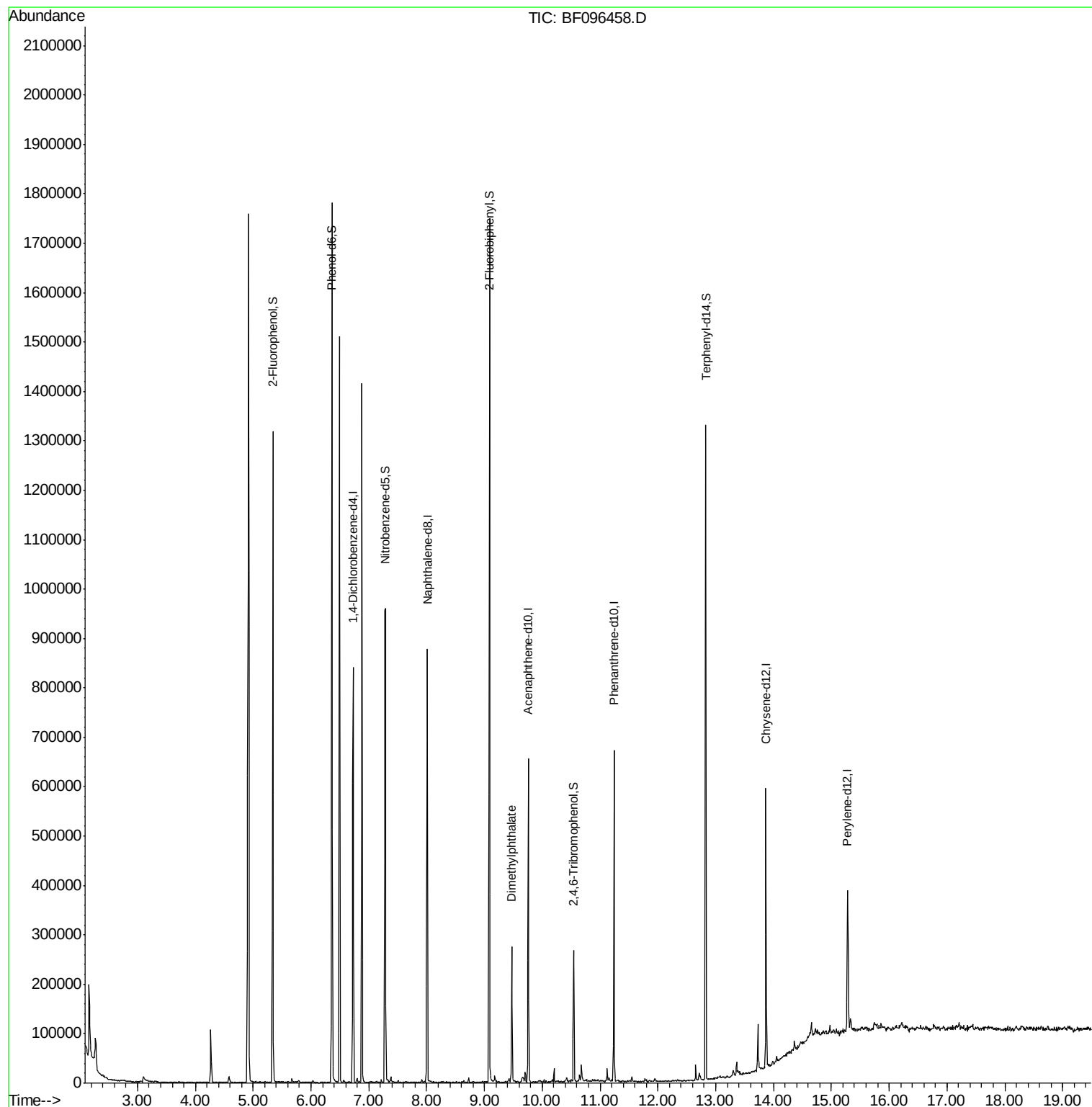
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	113242	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	382308	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	134366	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	217966	20.00	ng	-0.01
75) Chrysene-d12	13.87	240	189119	20.00	ng	-0.01
86) Perylene-d12	15.28	264	118697	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	336798	43.90	ng	0.00
7) Phenol-d6	6.36	99	534002	56.61	ng	-0.01
23) Nitrobenzene-d5	7.29	82	300301	47.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.55	330	29483	28.09	ng	-0.01
44) 2-Fluorobiphenyl	9.09	172	561447	71.44	ng	-0.01
78) Terphenyl-d14	12.83	244	415645	46.96	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.47	163	102245	10.193	ng	Qvalue 98

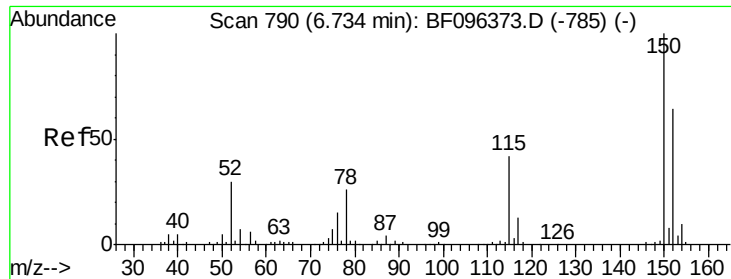
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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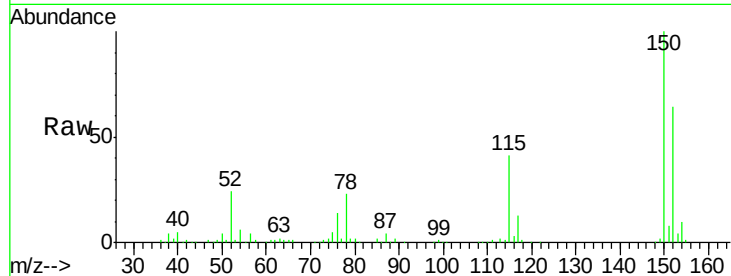


#1

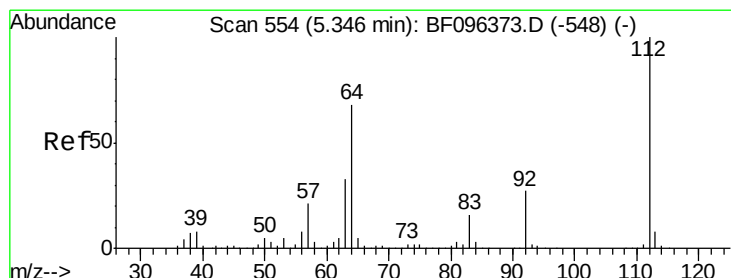
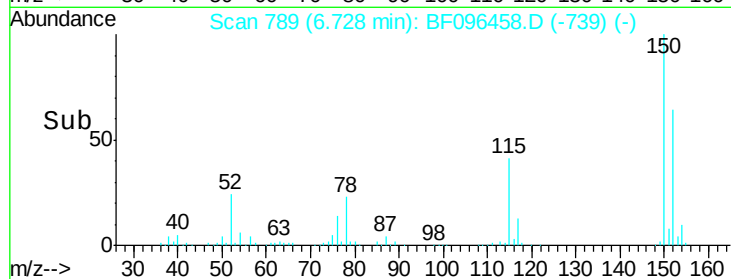
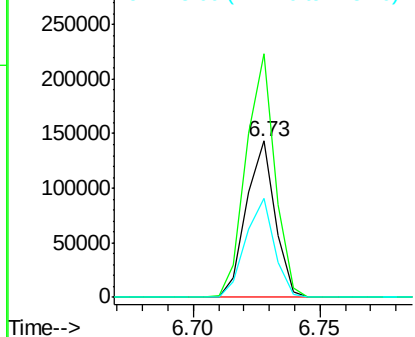
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. -0.01 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :
REACTOR-1-CA

Tgt Ion:152 Resp: 113242
Ion Ratio Lower Upper
152 100
150 155.8 126.2 189.2
115 63.1 52.2 78.2



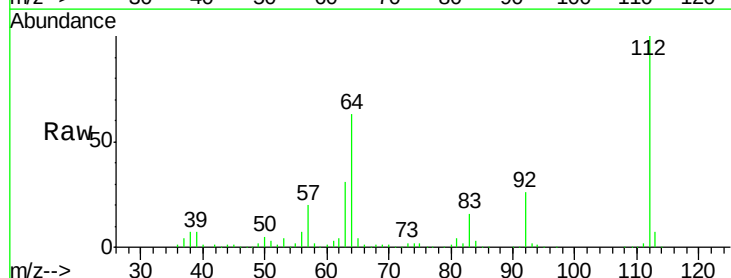
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



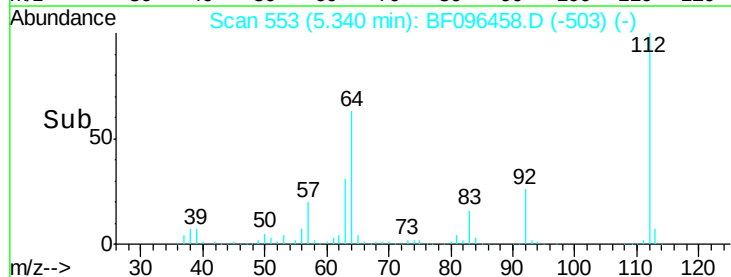
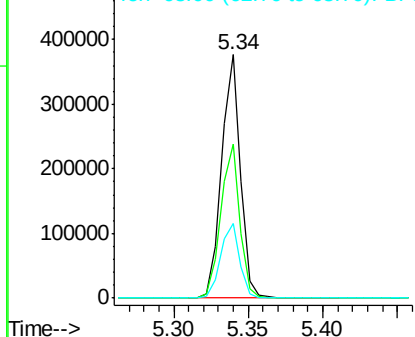
#5

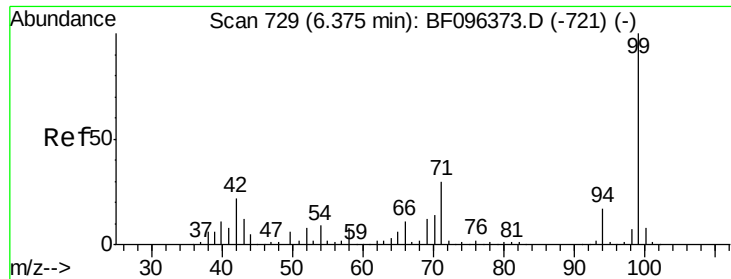
2-Fluorophenol
Concen: 43.897 ng
RT: 5.34 min Scan# 553
Delta R.T. -0.01 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Tgt Ion:112 Resp: 336798
Ion Ratio Lower Upper
112 100
64 63.0 46.0 69.0
63 30.9 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: 56.615 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

REACTOR-1-CA

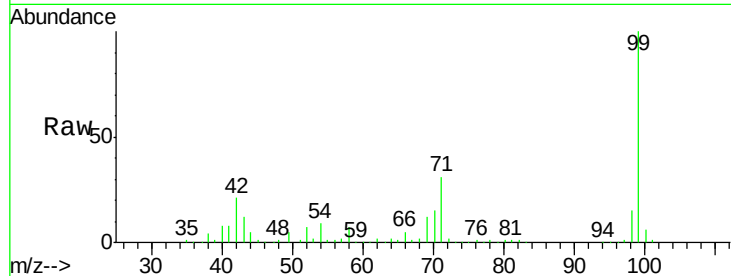
Tgt Ion: 99 Resp: 534002

Ion Ratio Lower Upper

99 100

42 21.1 13.5 20.3#

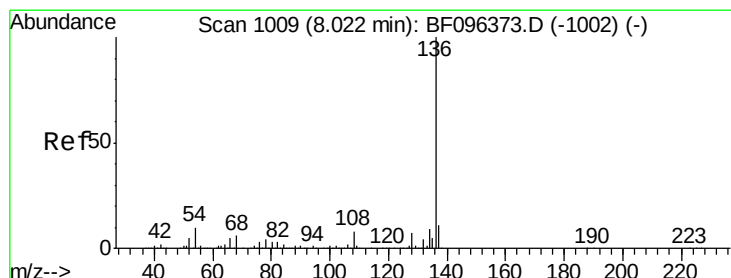
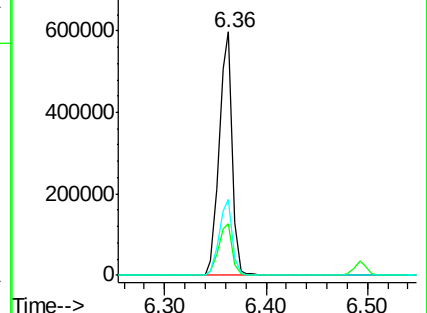
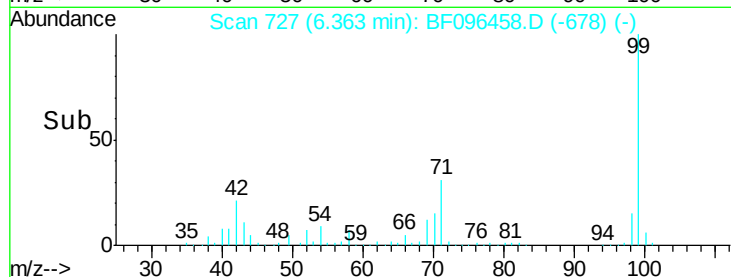
71 31.0 24.5 36.7



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: 20.000 ng

RT: 8.01 min Scan# 1007

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Tgt Ion: 136 Resp: 382308

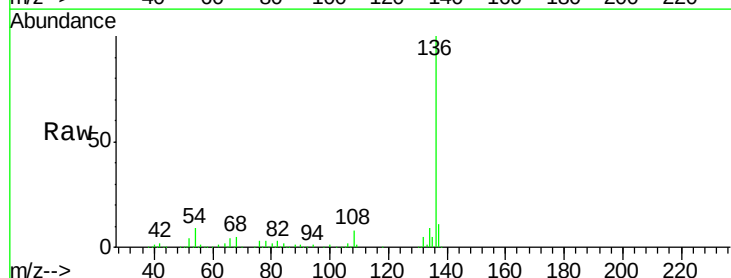
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 9.3 4.9 7.3#

68 5.3 4.1 6.1

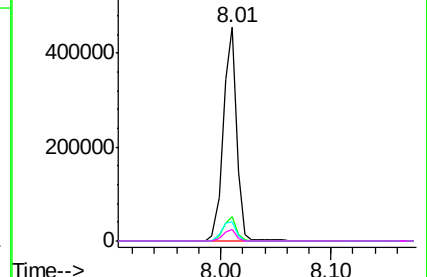
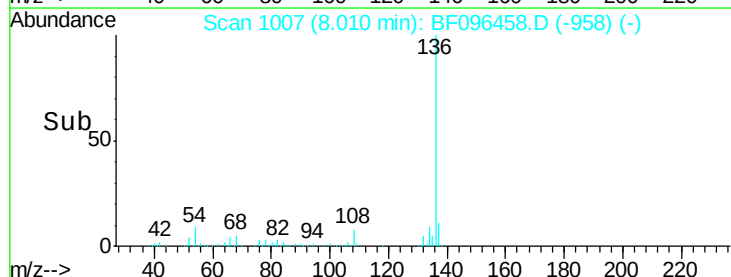


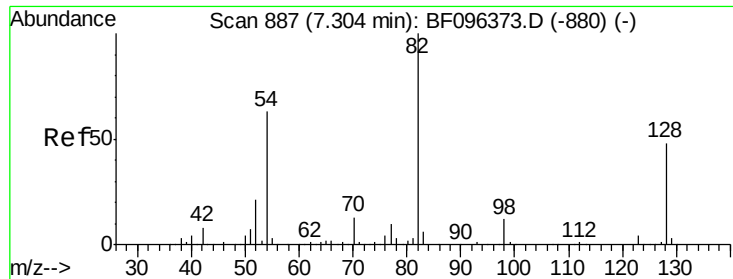
Abundance Ion 136.00 (135.70 to 136.70): E

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

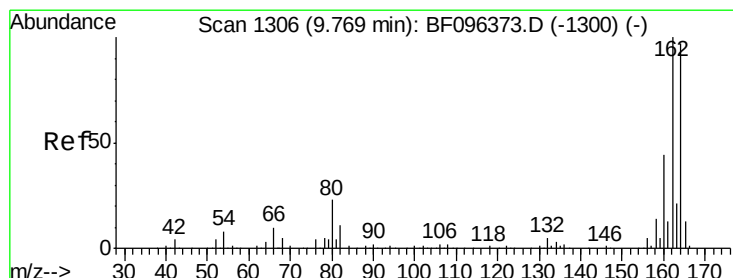
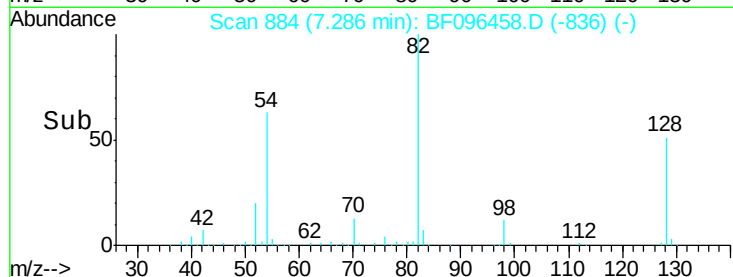
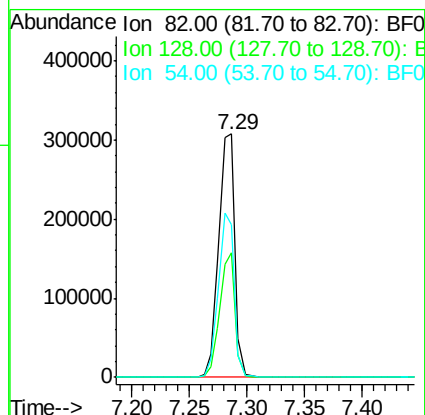
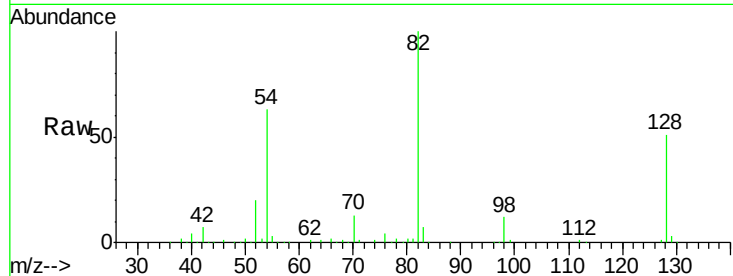




#23
 Nitrobenzene-d5
 Concen: 47.201 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.02 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

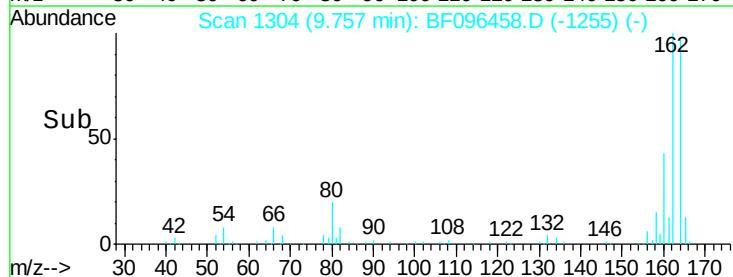
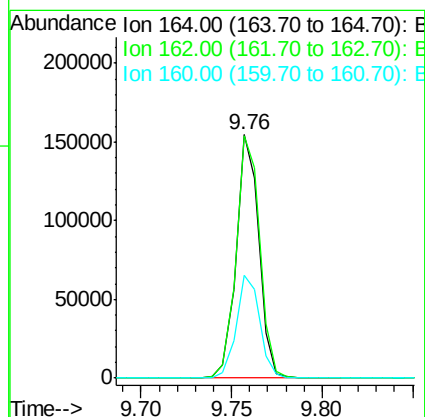
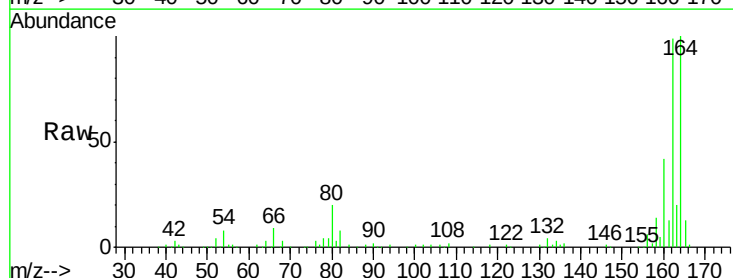
Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CA

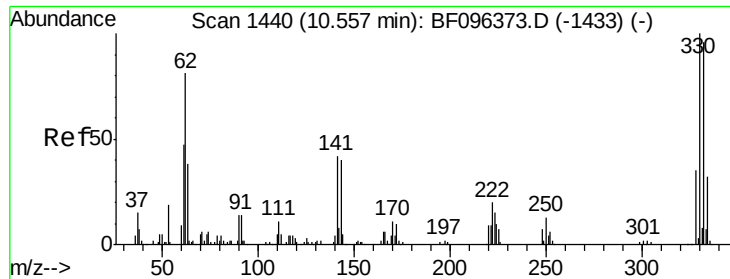
Tgt Ion: 82 Resp: 300301
 Ion Ratio Lower Upper
 82 100
 128 51.1 34.0 51.0#
 54 62.7 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.76 min Scan# 1304
 Delta R.T. -0.01 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

Tgt Ion: 164 Resp: 134366
 Ion Ratio Lower Upper
 164 100
 162 99.4 82.6 123.8
 160 42.4 36.2 54.2

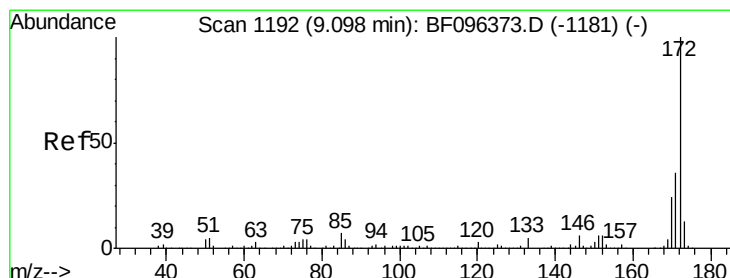
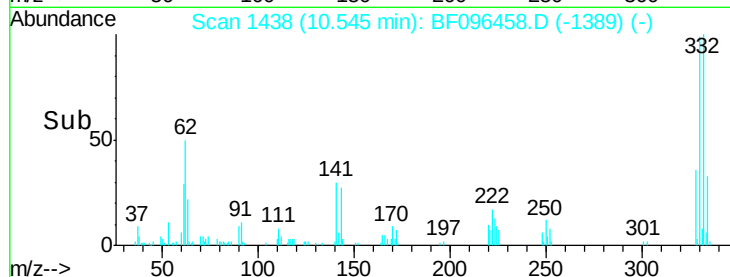
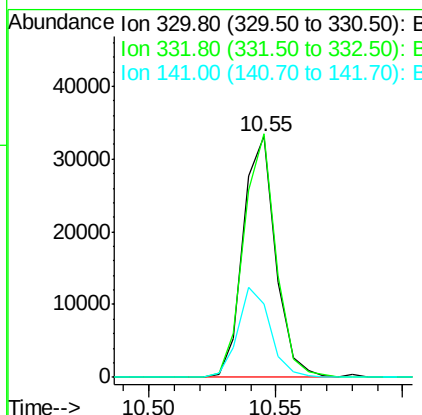
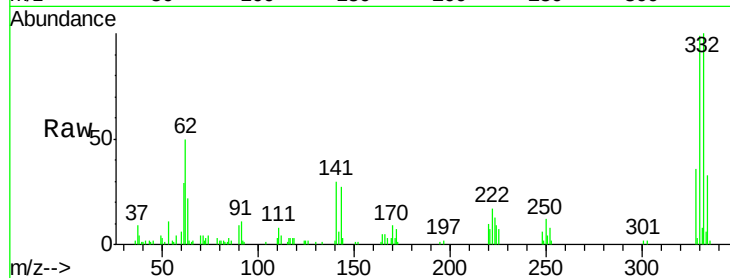




#41
 2,4,6-Tribromophenol
 Concen: 28.091 ng
 RT: 10.55 min Scan# 1438
 Delta R.T. -0.01 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

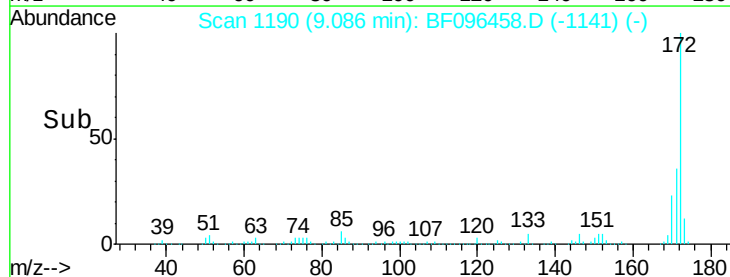
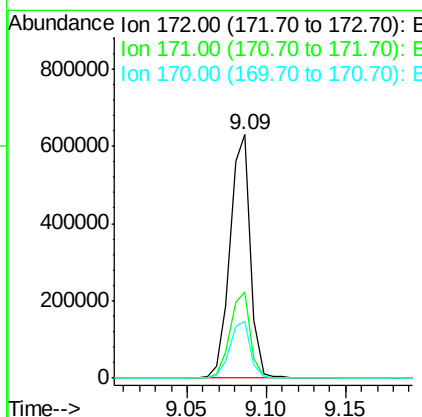
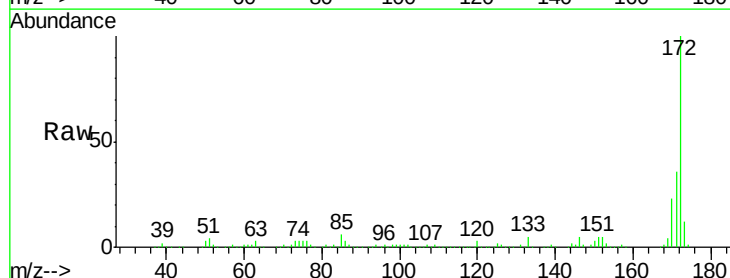
Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CA

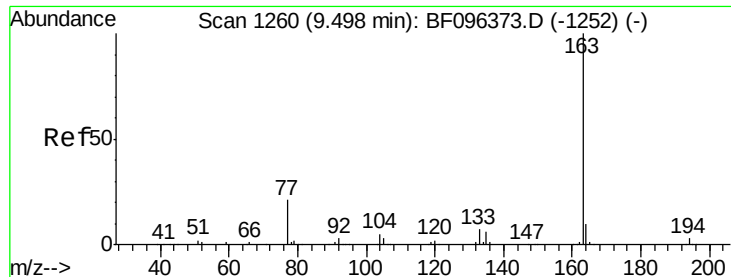
Tgt Ion:330 Resp: 29483
 Ion Ratio Lower Upper
 330 100
 332 99.7 76.6 115.0
 141 37.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 71.443 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.01 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

Tgt Ion:172 Resp: 561447
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.6 44.4
 170 23.2 19.8 29.8

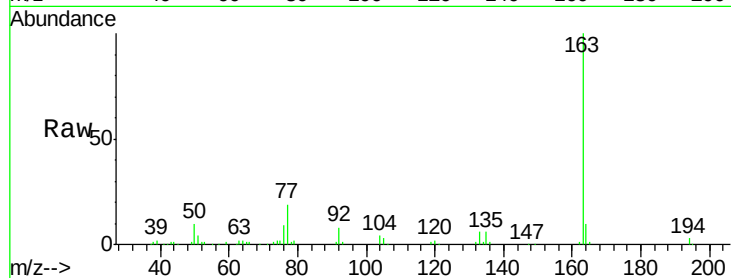




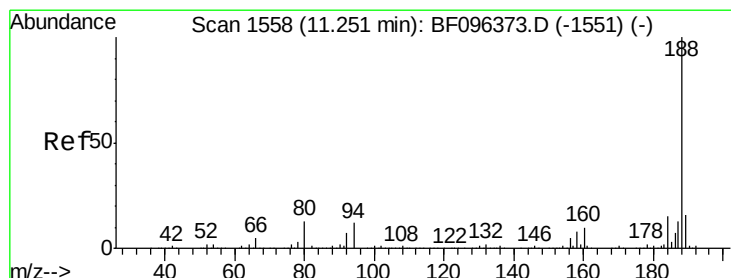
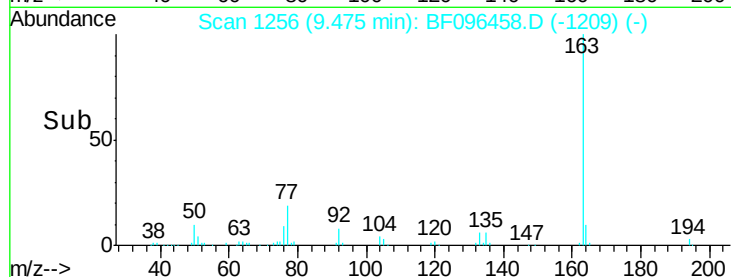
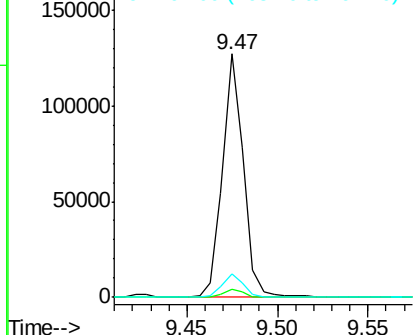
#49
 Dimethylphthalate
 Concen: 10.193 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. -0.02 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

Instrument :
 BNA_F
 ClientSampleId :
 REACTOR-1-CA

Tgt Ion:163 Resp: 102245
 Ion Ratio Lower Upper
 163 100
 194 3.1 2.6 4.0
 164 9.5 8.4 12.6

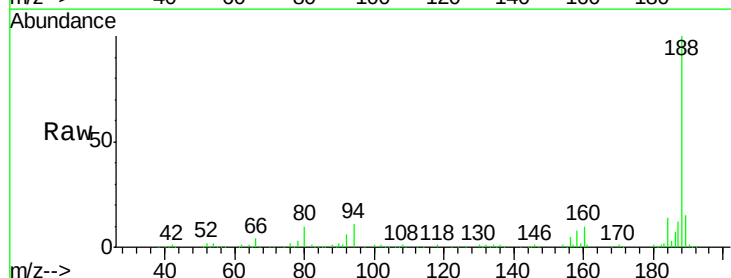


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

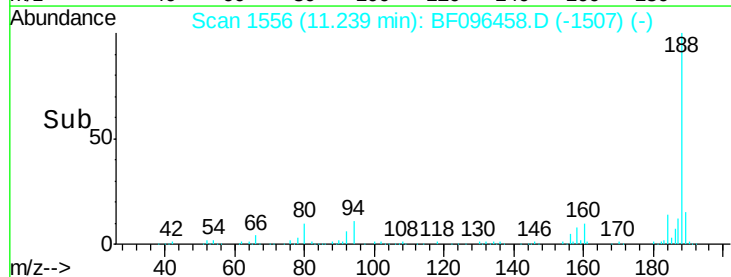
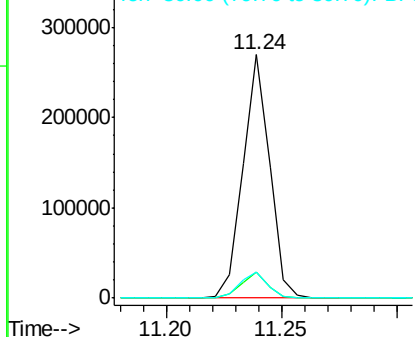


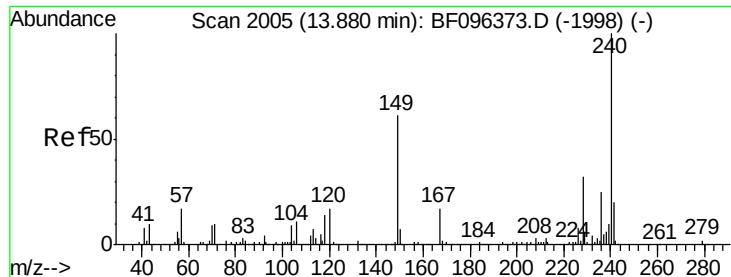
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. -0.01 min
 Lab File: BF096458.D
 Acq: 4 Jul 2017 00:29

Tgt Ion:188 Resp: 217966
 Ion Ratio Lower Upper
 188 100
 94 10.5 9.4 14.2
 80 10.4 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





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

Instrument :

BNA_F

ClientSampleId :

REACTOR-1-CA

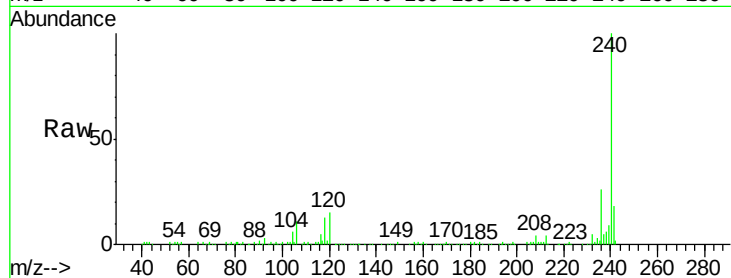
Tgt Ion:240 Resp: 189119

Ion Ratio Lower Upper

240 100

120 15.3 5.8 8.8#

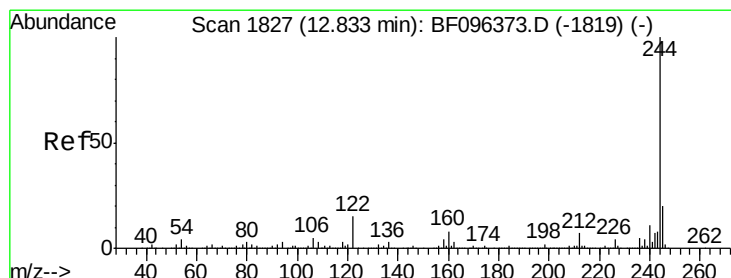
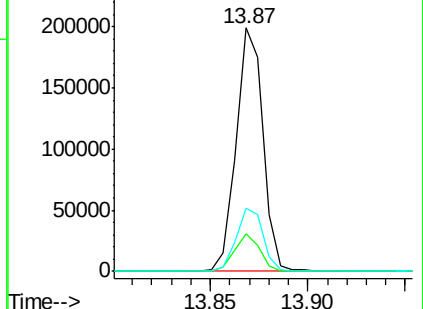
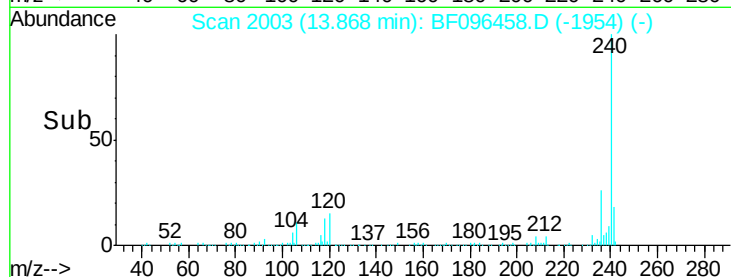
236 26.0 20.5 30.7



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: 46.963 ng

RT: 12.83 min Scan# 1826

Delta R.T. -0.01 min

Lab File: BF096458.D

Acq: 4 Jul 2017 00:29

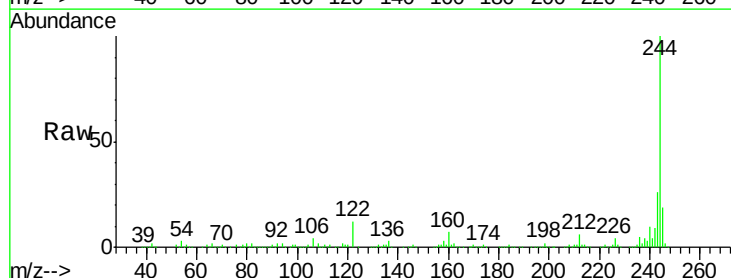
Tgt Ion:244 Resp: 415645

Ion Ratio Lower Upper

244 100

212 6.3 6.0 9.0

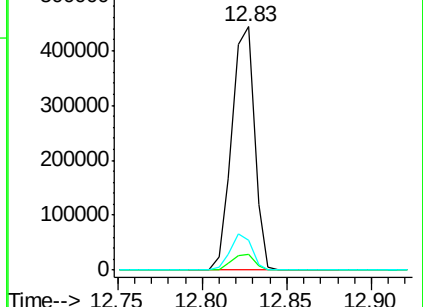
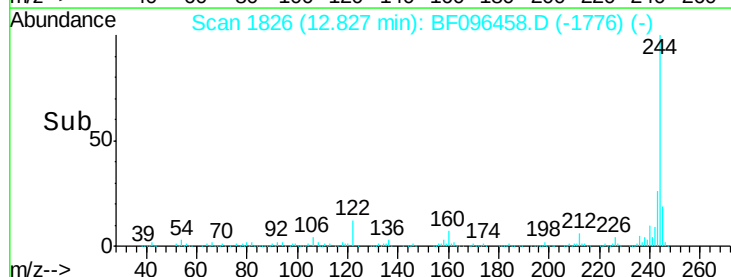
122 12.5 10.3 15.5

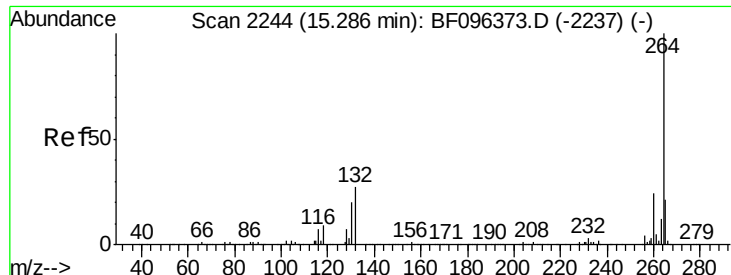


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

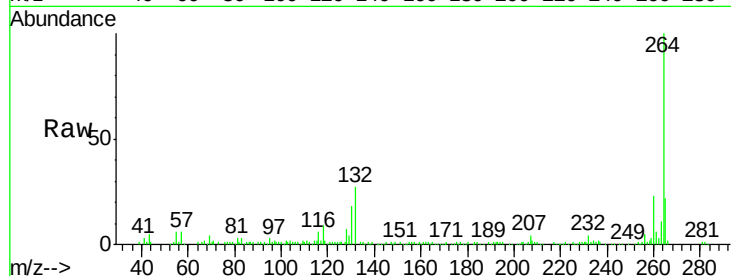




#86
Perylene-d12
Concen: 20.000 ng
RT: 15.28 min Scan# 2243
Delta R.T. -0.01 min
Lab File: BF096458.D
Acq: 4 Jul 2017 00:29

Instrument :
BNA_F
ClientSampleId :
REACTOR-1-CA

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.5	29.3
265	22.1	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

