

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071217\
 Data File : BF096690.D
 Acq On : 12 Jul 2017 14:31
 Operator : SJ/JU
 Sample : PB100575BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100575BL

Quant Time: Jul 12 16:10:46 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	104717	20.00	ng	-0.04
21) Naphthalene-d8	7.95	136	523432	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	207772	20.00	ng	-0.04
63) Phenanthrene-d10	11.17	188	417905	20.00	ng	-0.04
75) Chrysene-d12	13.80	240	314496	20.00	ng	-0.04
86) Perylene-d12	15.20	264	224461	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	904245	127.45	ng	-0.02
7) Phenol-d6	6.32	99	1074760	123.22	ng	-0.03
23) Nitrobenzene-d5	7.23	82	652597	74.92	ng	-0.04
41) 2,4,6-Tribromophenol	10.49	330	214018	131.87	ng	-0.04
44) 2-Fluorobiphenyl	9.03	172	1301053	107.06	ng	-0.04
78) Terphenyl-d14	12.77	244	1126661	76.55	ng	-0.03

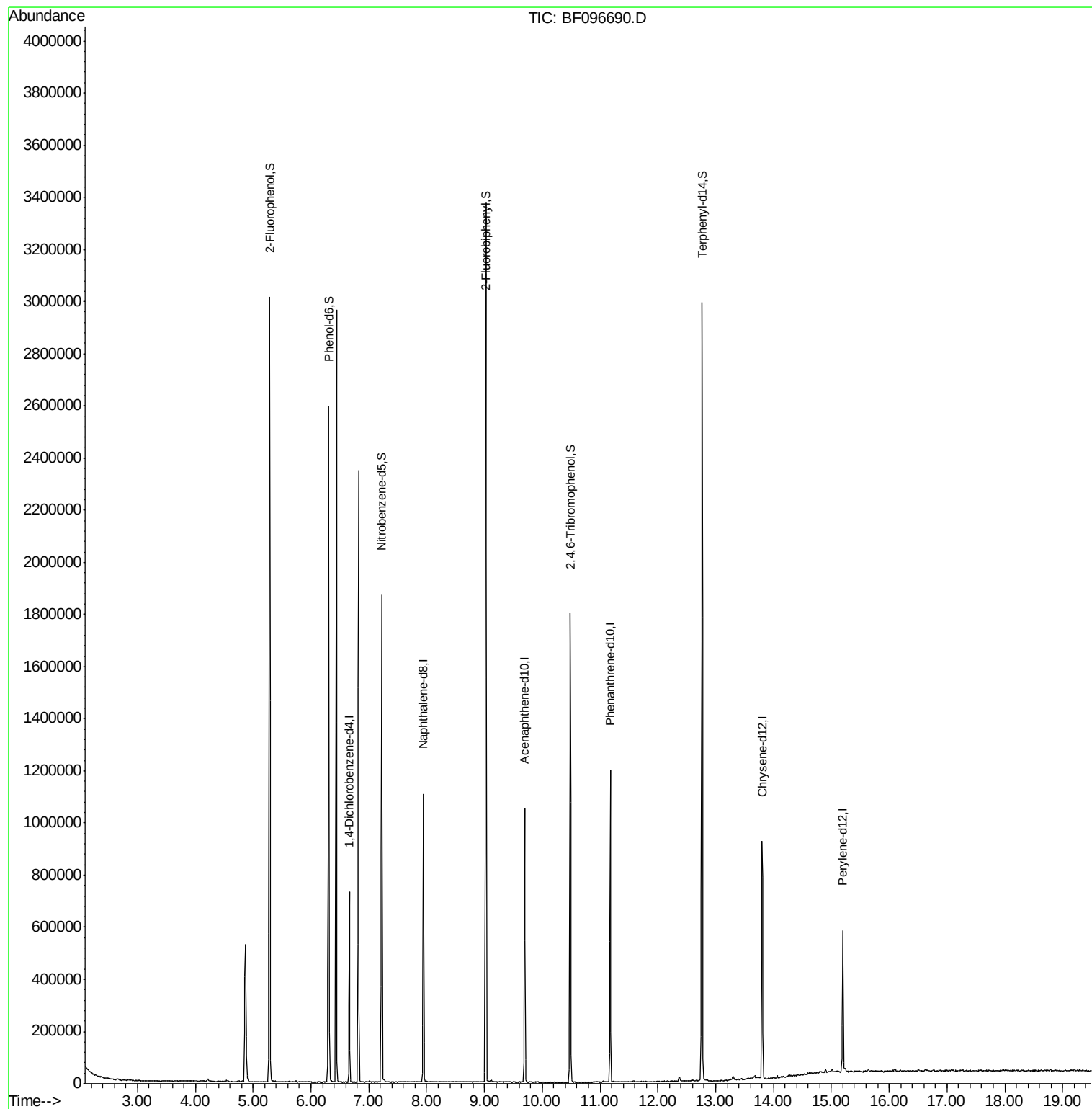
Target Compounds Qvalue

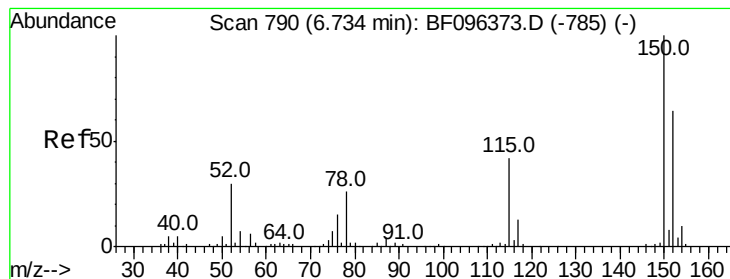
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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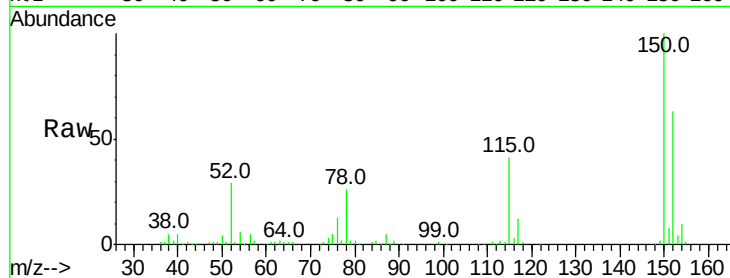


#1

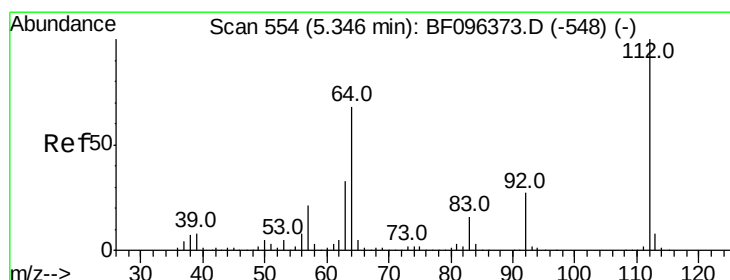
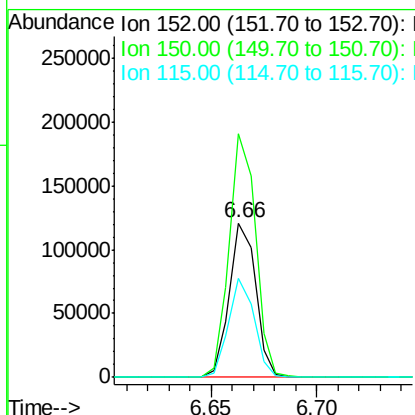
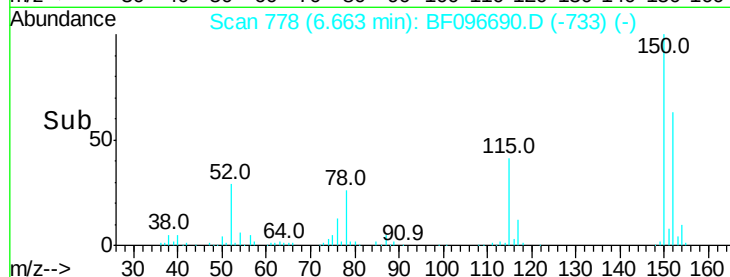
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.66 min Scan# 778
 Delta R.T. -0.04 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

Instrument :
 BNA_F
 ClientSampleId :
 PB100575BL

Tot Ion:152 Resp: 104717
 Ion Ratio Lower Upper
 152 100
 150 157.7 126.2 189.2
 115 64.3 52.2 78.2



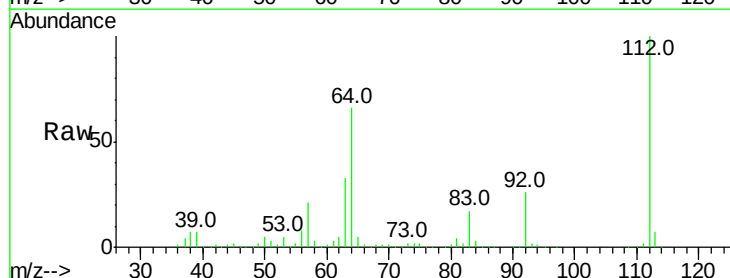
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



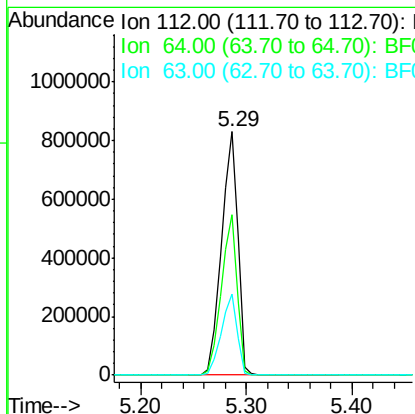
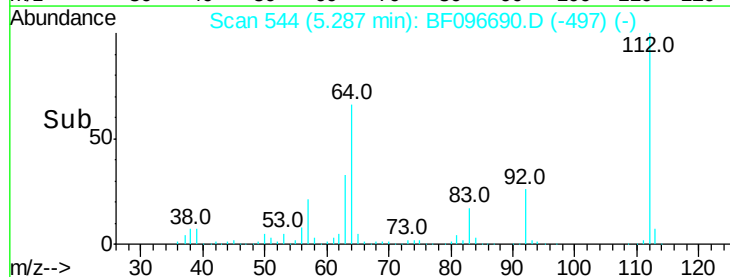
#5

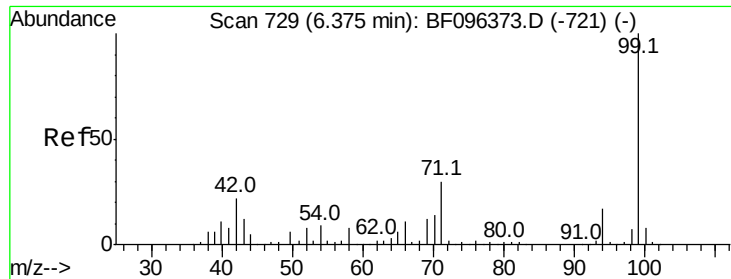
2-Fluorophenol
 Concen: 127.452 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.02 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

Tgt Ion:112 Resp: 904245
 Ion Ratio Lower Upper
 112 100
 64 66.1 46.0 69.0
 63 33.3 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: 123.222 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Instrument :

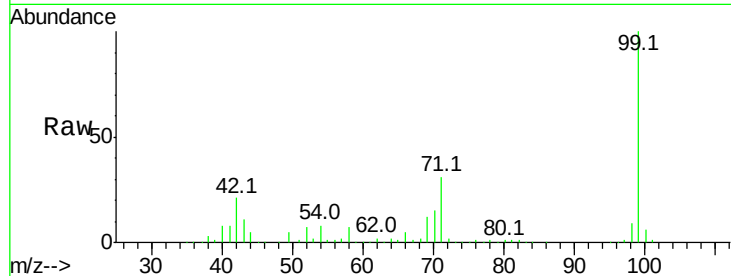
BNA_F

ClientSampleId :

PB100575BL

Tot Ion: 99 Resp: 1074760

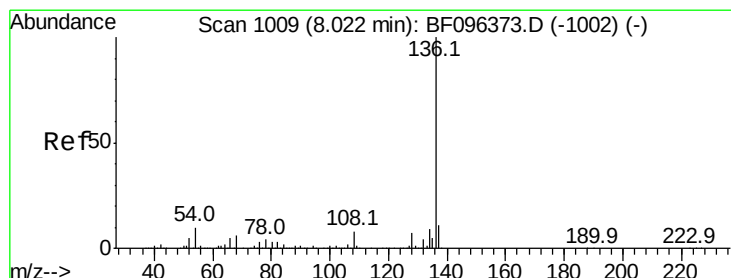
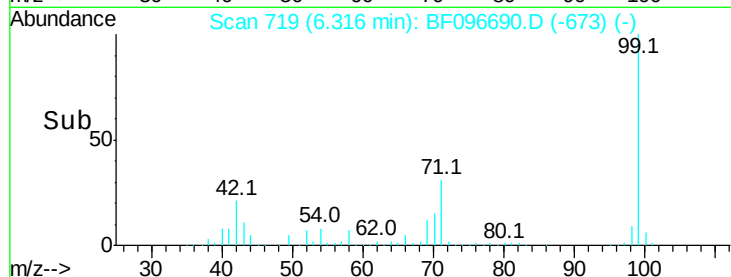
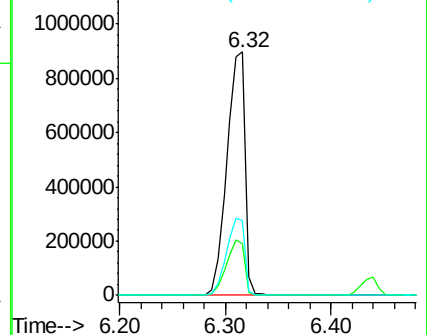
Ion	Ratio	Lower	Upper
99	100		
42	21.2	13.5	20.3#
71	30.9	24.5	36.7



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: 7.95 min Scan# 996

Delta R.T. -0.04 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Tgt Ion: 136 Resp: 523432

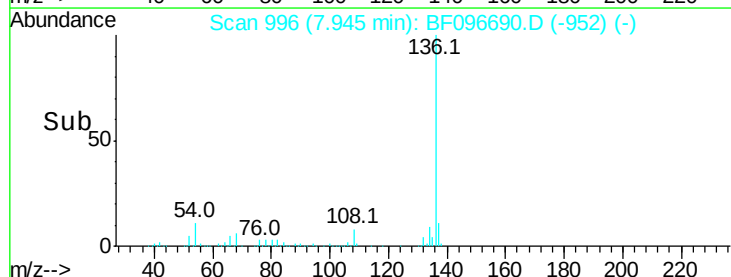
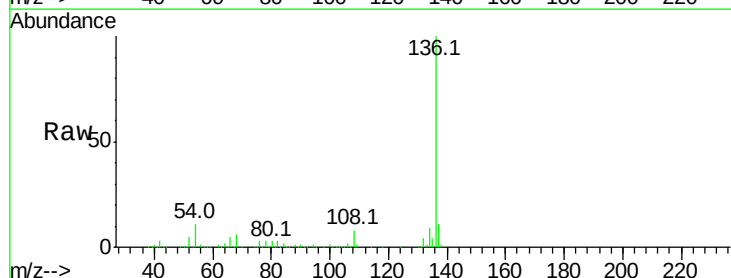
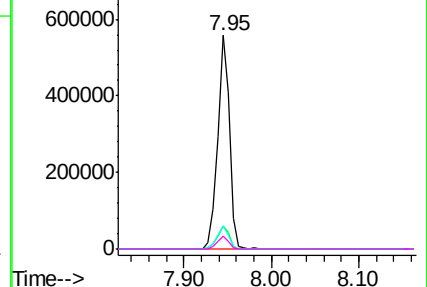
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.6	4.9	7.3#
68	5.9	4.1	6.1

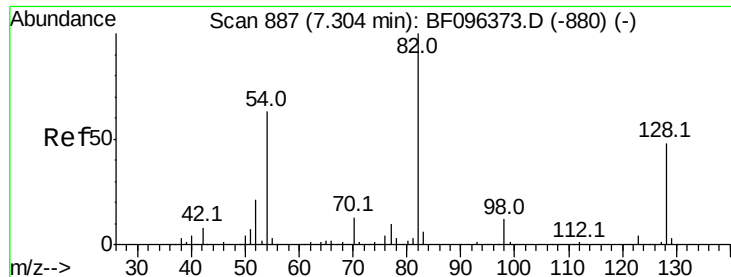
Abundance Ion 136.00 (135.70 to 136.70): E

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

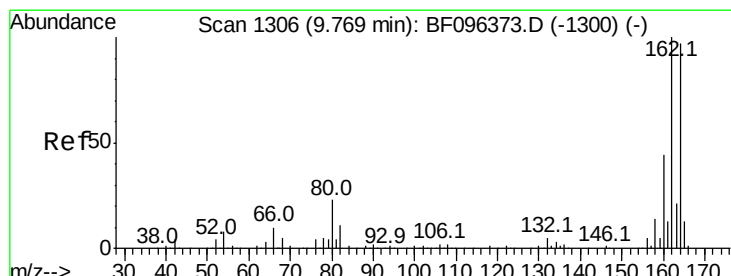
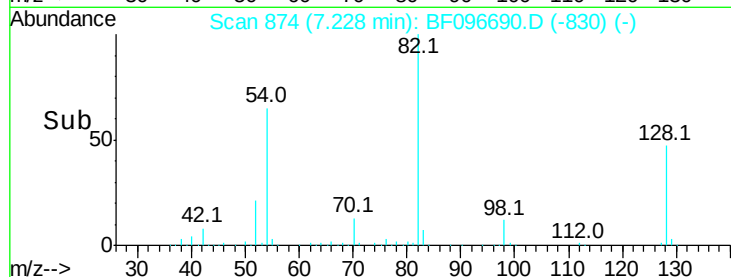
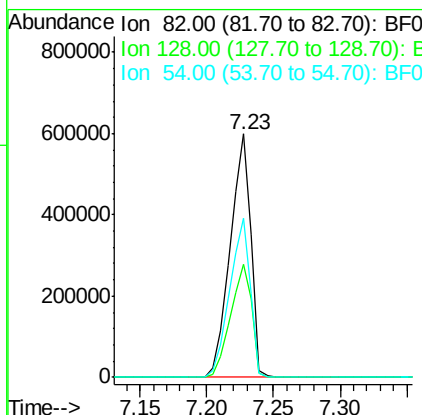
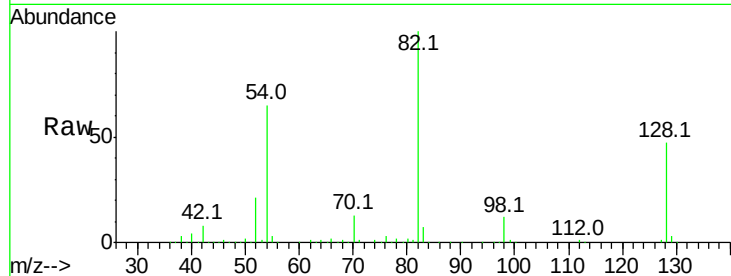




#23
 Nitrobenzene-d5
 Concen: 74.919 ng
 RT: 7.23 min Scan# 874
 Delta R.T. -0.04 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

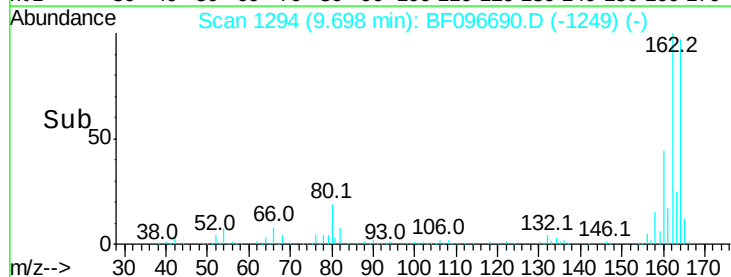
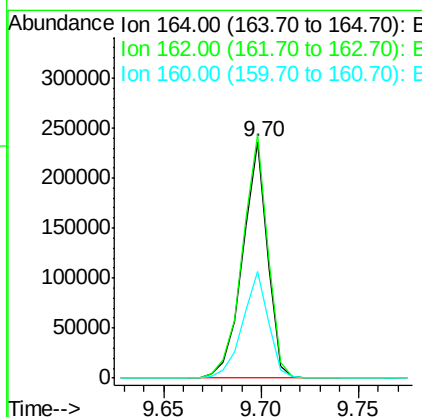
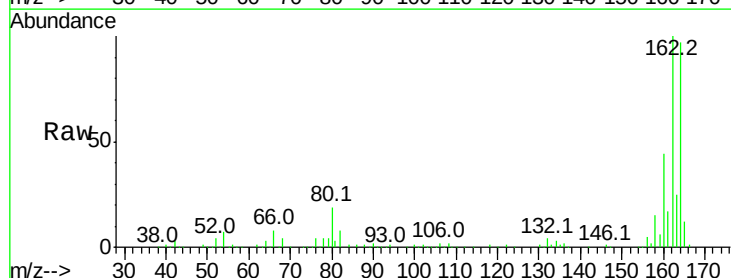
Instrument :
 BNA_F
 ClientSampleId :
 PB100575BL

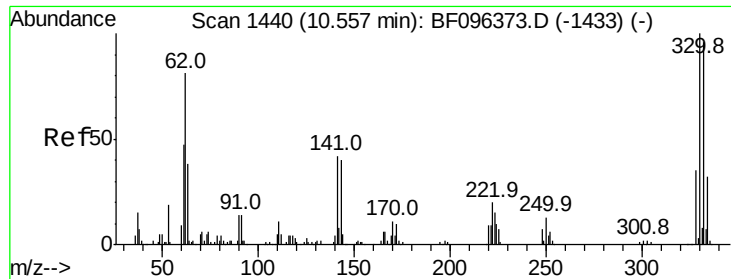
Tot Ion: 82 Resp: 652597
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.0 51.0
 54 65.3 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.70 min Scan# 1294
 Delta R.T. -0.04 min
 Lab File: BF096690.D
 Acq: 12 Jul 2017 14:31

Tgt Ion:164 Resp: 207772
 Ion Ratio Lower Upper
 164 100
 162 103.1 82.6 123.8
 160 45.2 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 131.869 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.04 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Instrument :

BNA_F

ClientSampleId :

PB100575BL

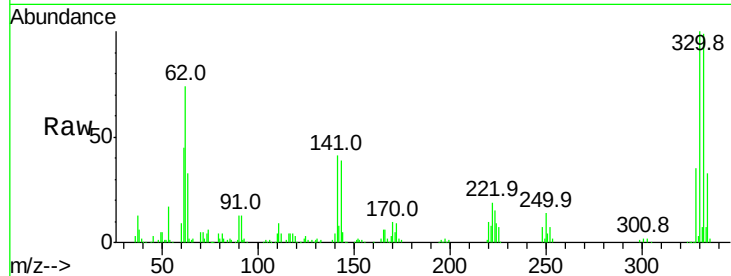
Tot Ion:330 Resp: 214018

Ion Ratio Lower Upper

330 100

332 98.0 76.6 115.0

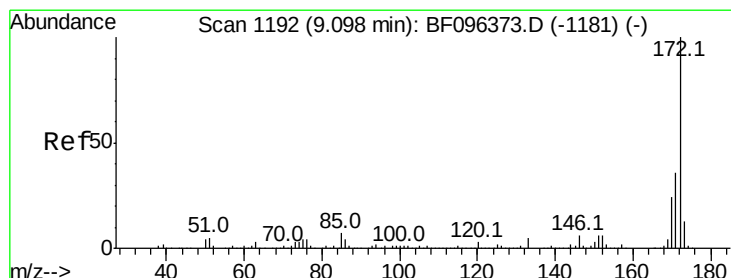
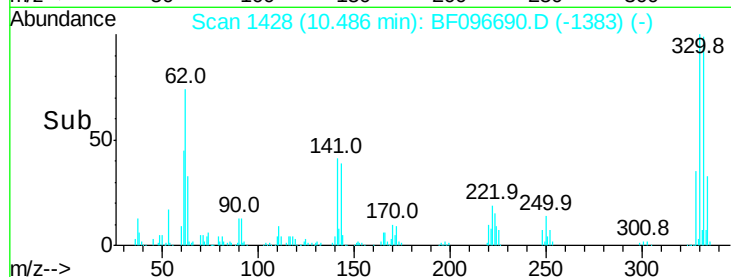
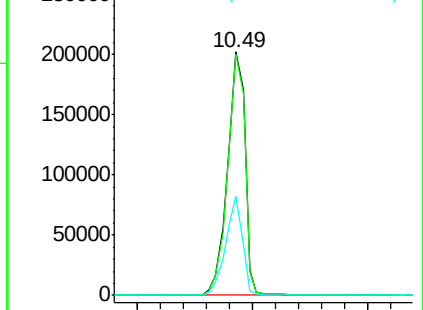
141 38.4 31.4 47.2



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: 107.065 ng

RT: 9.03 min Scan# 1180

Delta R.T. -0.04 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

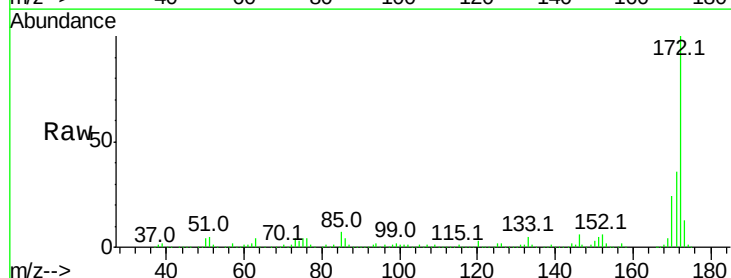
Tgt Ion:172 Resp: 1301053

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

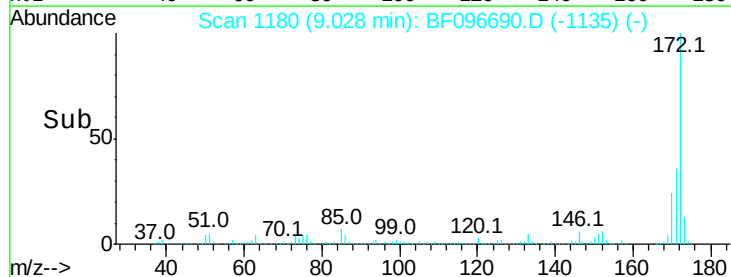
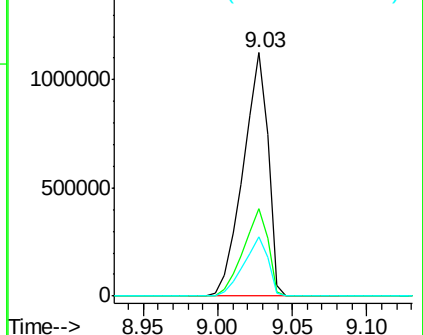
170 24.2 19.8 29.8

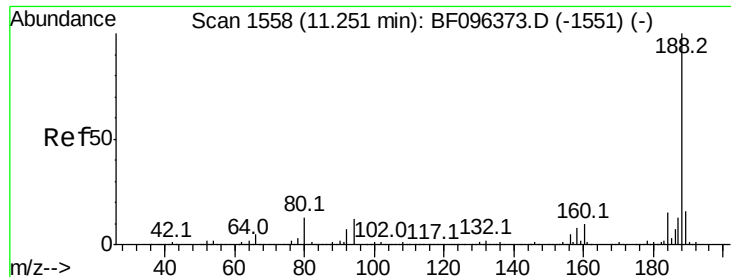


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

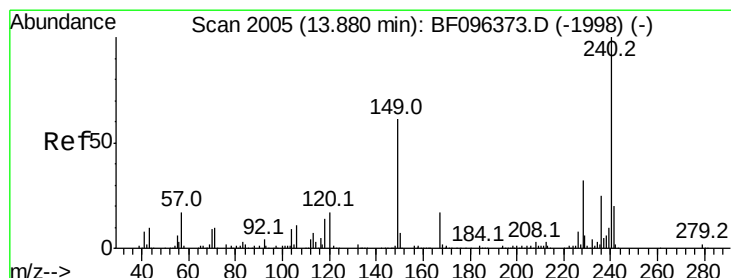
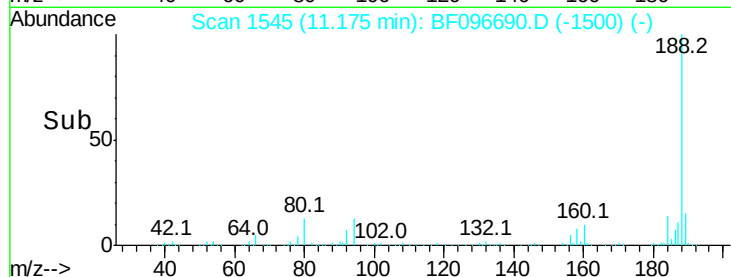
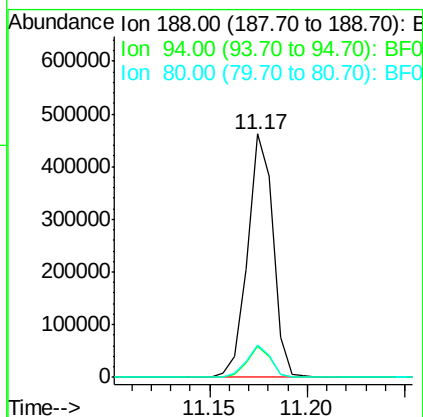
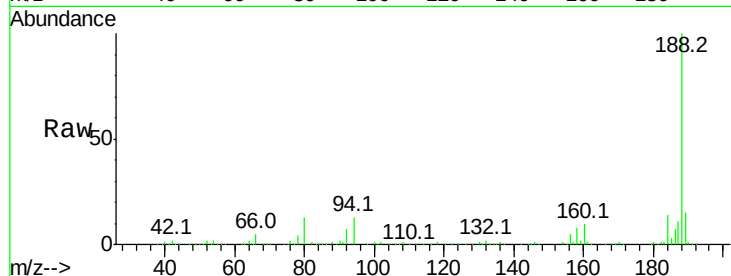




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.17 min Scan# 1545
Delta R.T. -0.04 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

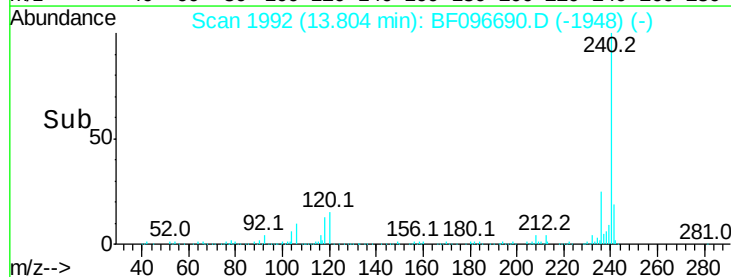
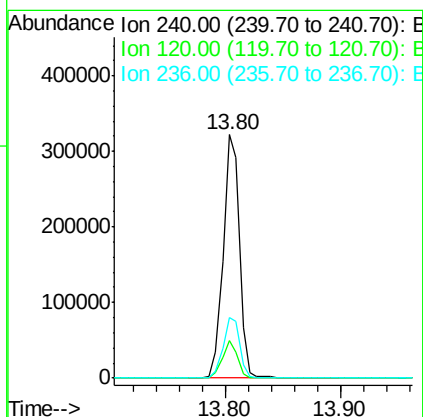
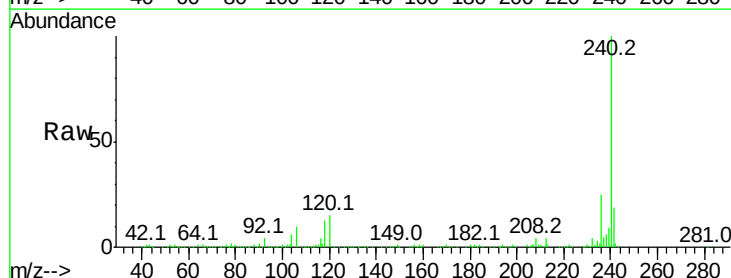
Instrument :
BNA_F
ClientSampleId :
PB100575BL

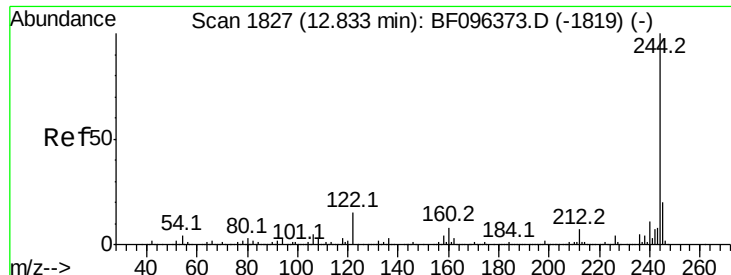
Tot Ion:188 Resp: 417905
Ion Ratio Lower Upper
188 100
94 12.8 9.4 14.2
80 13.1 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.80 min Scan# 1992
Delta R.T. -0.04 min
Lab File: BF096690.D
Acq: 12 Jul 2017 14:31

Tgt Ion:240 Resp: 314496
Ion Ratio Lower Upper
240 100
120 15.4 5.8 8.8#
236 25.0 20.5 30.7





#78

Terphenyl-d14

Concen: 76.551 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.03 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

Instrument :

BNA_F

ClientSampleId :

PB100575BL

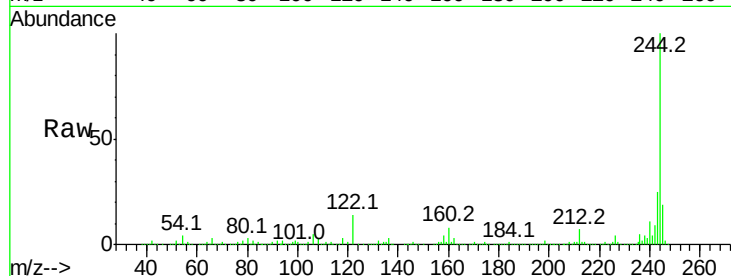
Tot Ion:244 Resp: 1126661

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

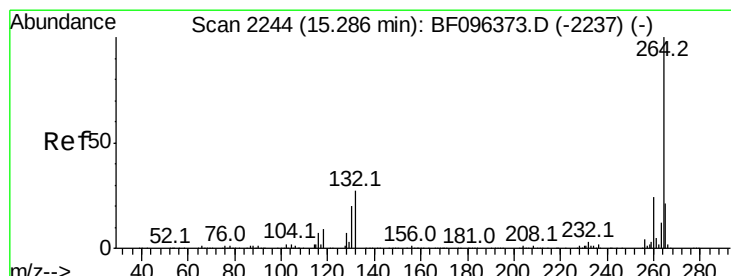
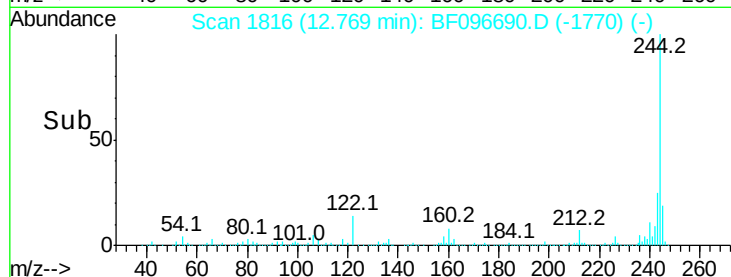
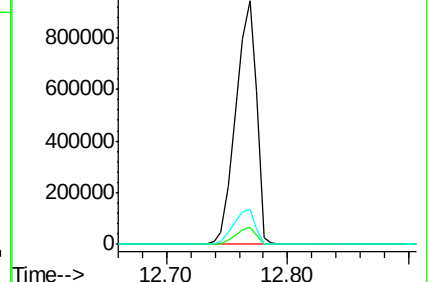
122 14.4 10.3 15.5



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: 15.20 min Scan# 2229

Delta R.T. -0.05 min

Lab File: BF096690.D

Acq: 12 Jul 2017 14:31

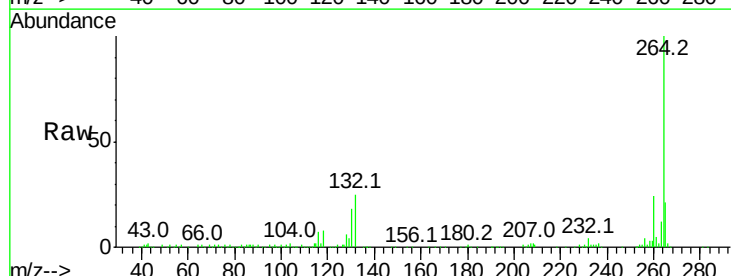
Tgt Ion:264 Resp: 224461

Ion Ratio Lower Upper

264 100

260 23.7 19.5 29.3

265 20.8 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

