

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070717\
 Data File : BF096560.D
 Acq On : 7 Jul 2017 15:42
 Operator : SJ/MA
 Sample : I4064-08
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF005-01

Quant Time: Jul 07 16:56:55 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

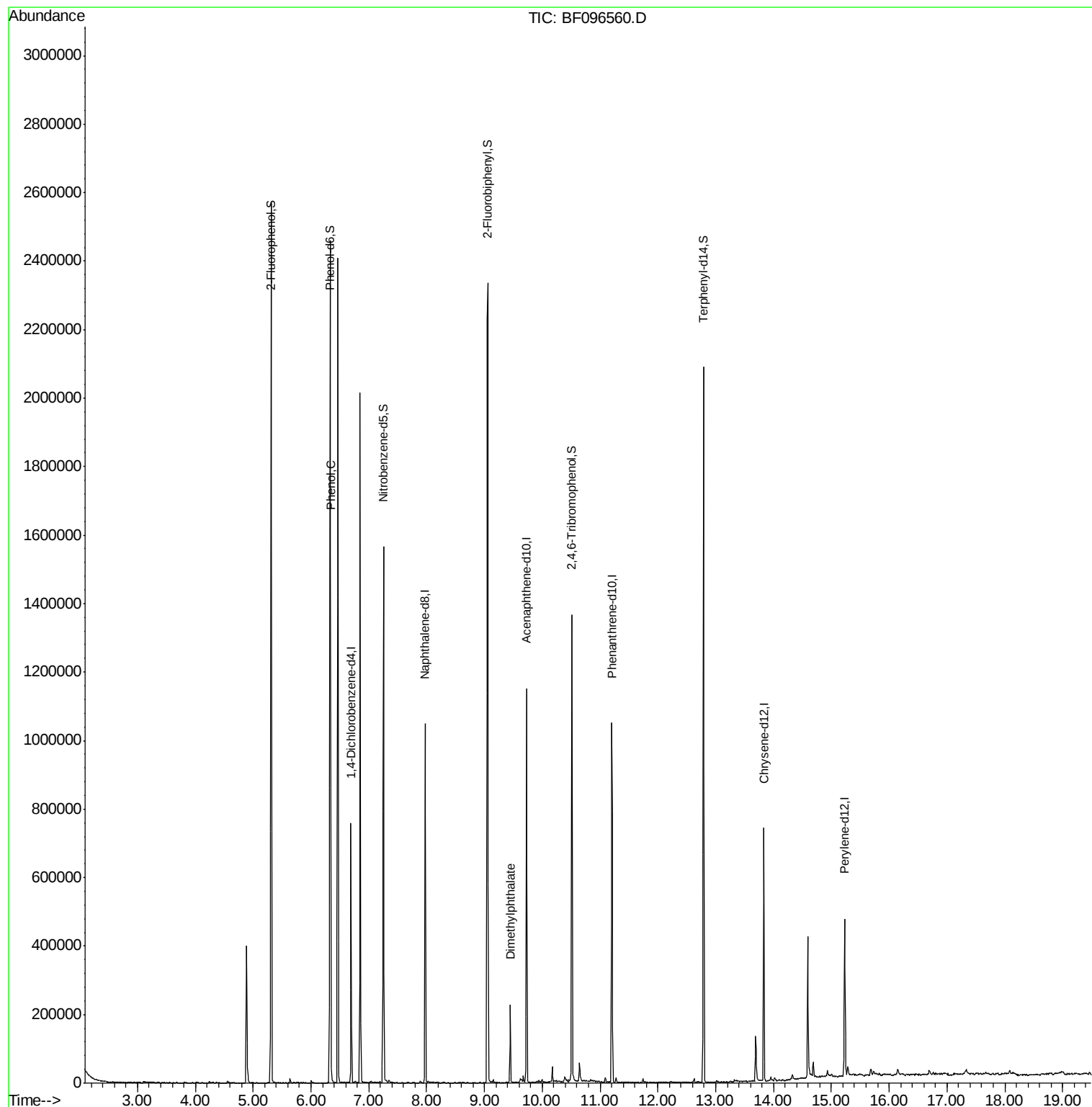
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	114689	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	478419	20.00	ng	-0.01
38) Acenaphthene-d10	9.73	164	215863	20.00	ng	0.00
63) Phenanthrene-d10	11.20	188	361805	20.00	ng	0.00
75) Chrysene-d12	13.83	240	236786	20.00	ng	-0.01
86) Perylene-d12	15.23	264	190098	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.31	112	700142	90.10	ng	0.00
7) Phenol-d6	6.33	99	851330	89.12	ng	-0.01
23) Nitrobenzene-d5	7.26	82	498989	62.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.52	330	162063	96.11	ng	0.00
44) 2-Fluorobiphenyl	9.06	172	824919	65.34	ng	0.00
78) Terphenyl-d14	12.79	244	625520	56.45	ng	0.00
Target Compounds						
10) Phenol	6.35	94	26338	2.420	ng	91
49) Dimethylphthalate	9.45	163	86525	5.369	ng	97

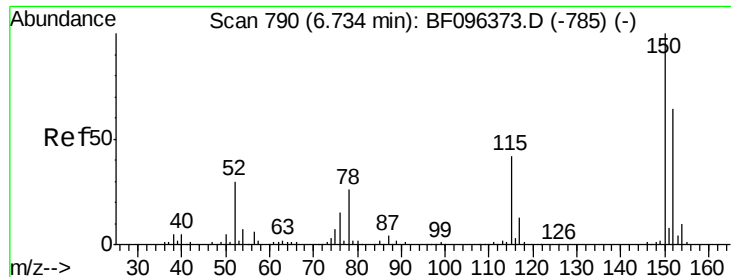
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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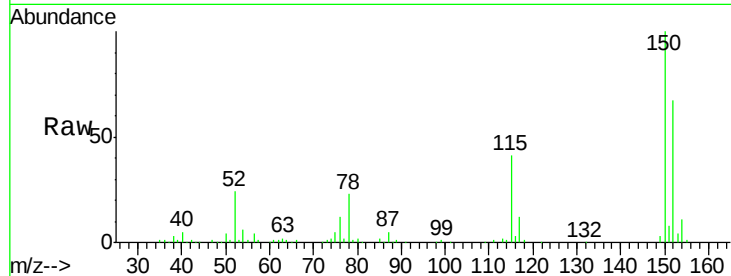


#1

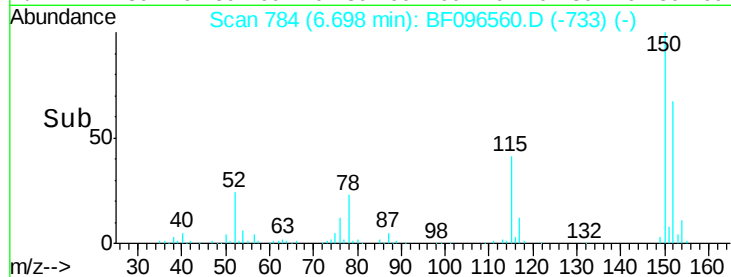
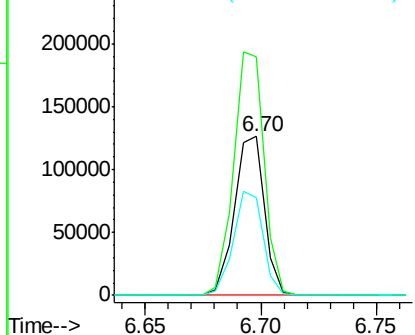
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.70 min Scan# 784
Delta R.T. -0.00 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Instrument :
BNA_F
ClientSampleId :
PET-BF005-01

Tgt Ion:152 Resp: 114689
Ion Ratio Lower Upper
152 100
150 149.8 126.2 189.2
115 61.8 52.2 78.2



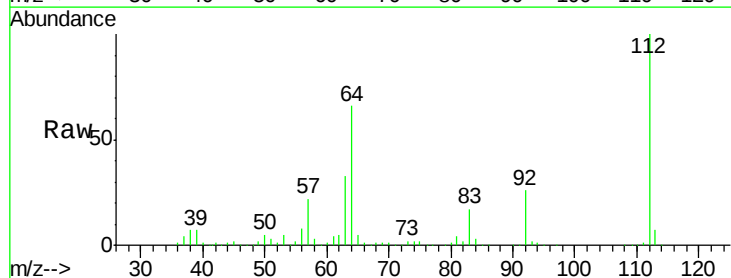
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



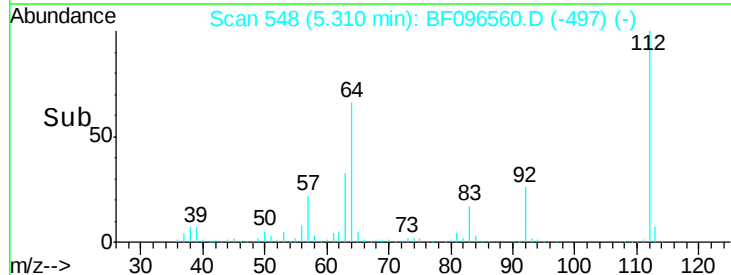
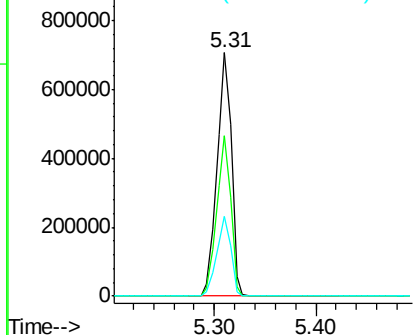
#5

2-Fluorophenol
Concen: 90.104 ng
RT: 5.31 min Scan# 548
Delta R.T. -0.00 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Tgt Ion:112 Resp: 700142
Ion Ratio Lower Upper
112 100
64 65.9 46.0 69.0
63 33.0 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: 89.119 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF096560.D

Acq: 7 Jul 2017 15:42

Instrument :

BNA_F

ClientSampleId :

PET-BF005-01

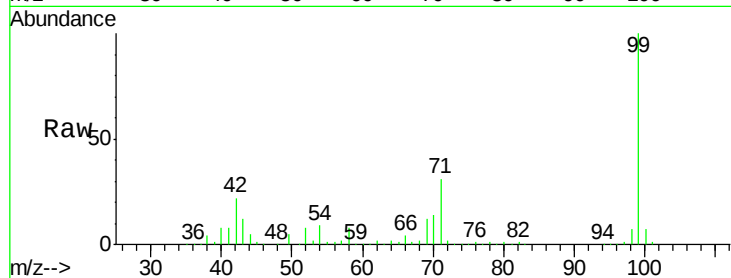
Tgt Ion: 99 Resp: 851330

Ion Ratio Lower Upper

99 100

42 22.5 13.5 20.3#

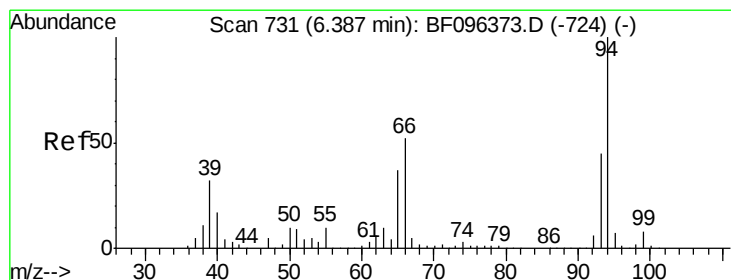
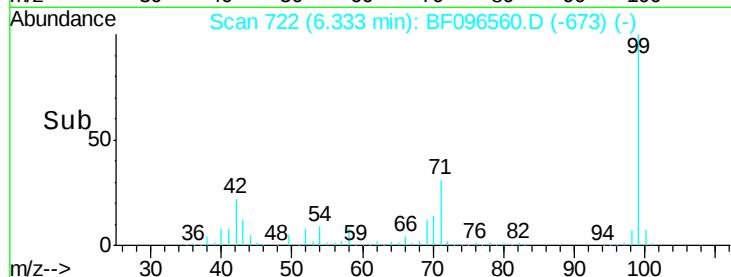
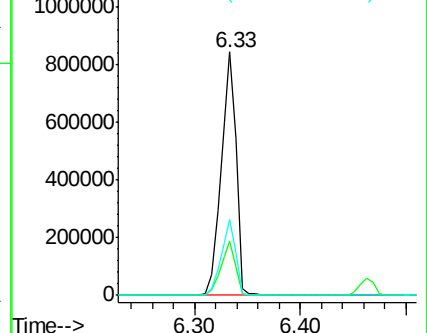
71 31.0 24.5 36.7



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



#10

Phenol

Concen: 2.420 ng

RT: 6.35 min Scan# 724

Delta R.T. -0.01 min

Lab File: BF096560.D

Acq: 7 Jul 2017 15:42

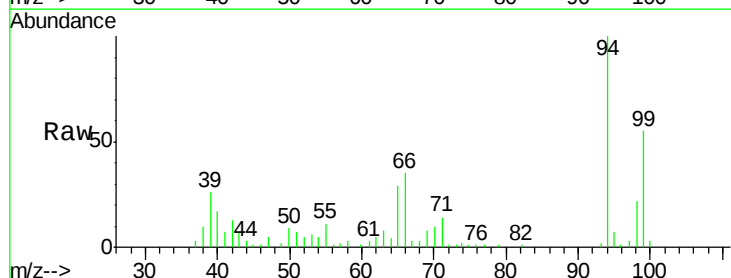
Tgt Ion: 94 Resp: 26338

Ion Ratio Lower Upper

94 100

65 28.7 9.9 49.9

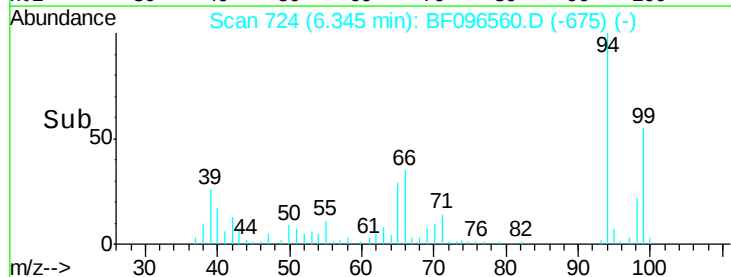
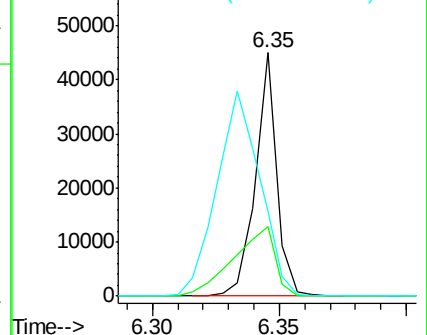
66 34.9 23.1 63.1



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

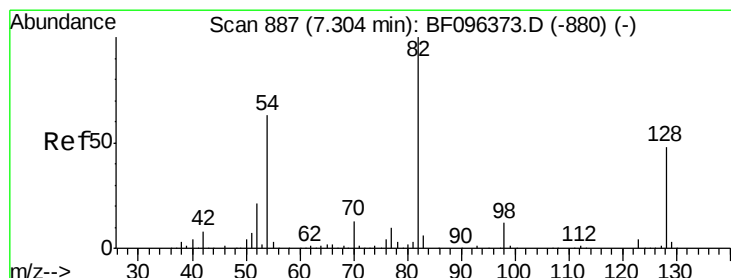
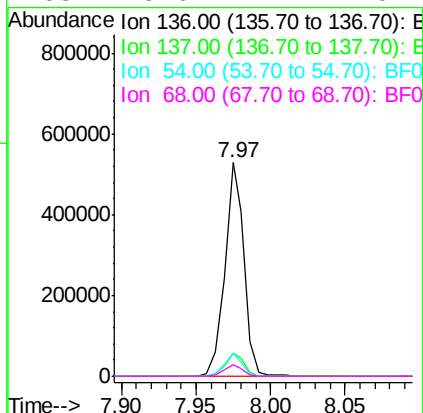
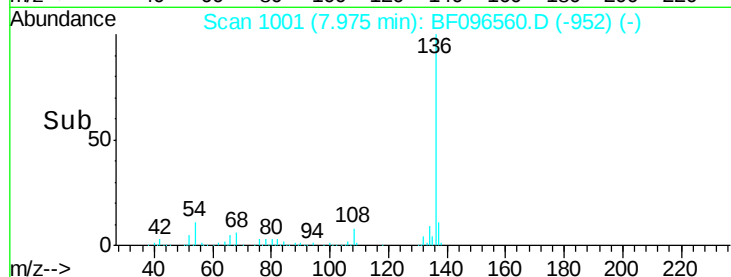
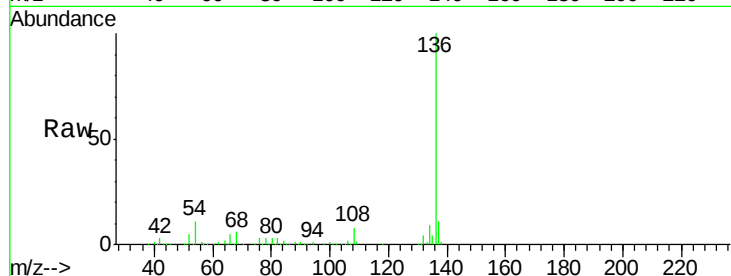




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

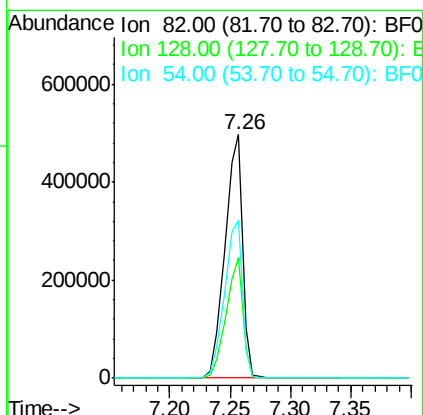
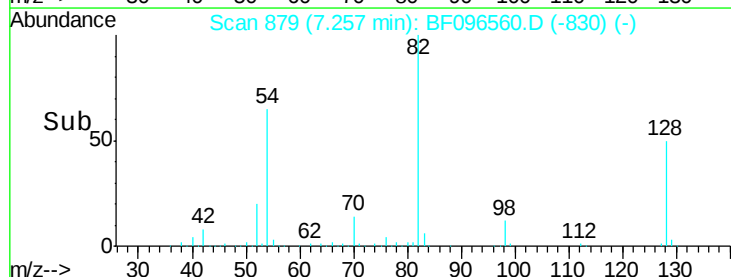
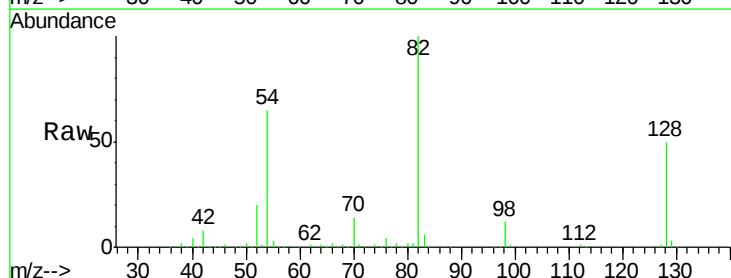
Instrument :
BNA_F
ClientSampleId :
PET-BF005-01

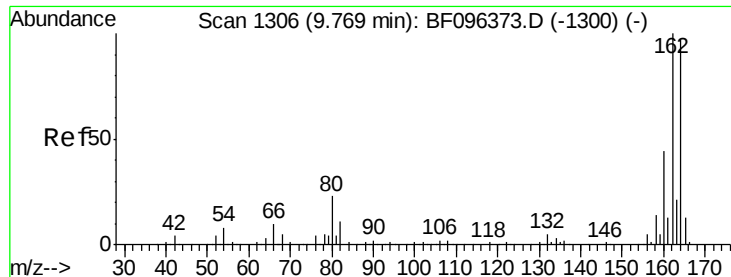
Tgt Ion:	136	Resp:	478419
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.8	4.9	7.3#
68	5.6	4.1	6.1



#23
Nitrobenzene-d5
Concen: 62.674 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Tgt Ion:	82	Resp:	498989
Ion	Ratio	Lower	Upper
82	100		
128	49.7	34.0	51.0
54	65.0	42.2	63.2#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.01 min

Lab File: BF096560.D

Acq: 7 Jul 2017 15:42

Instrument :

BNA_F

ClientSampleId :

PET-BF005-01

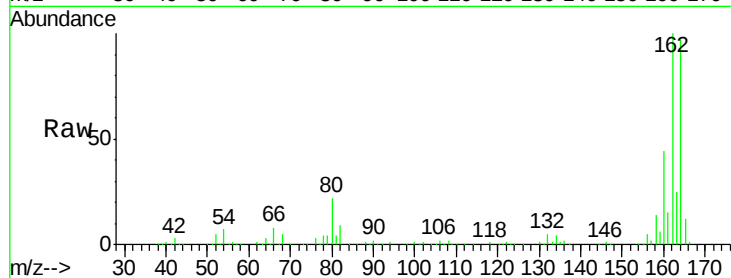
Tgt Ion:164 Resp: 215863

Ion Ratio Lower Upper

164 100

162 102.9 82.6 123.8

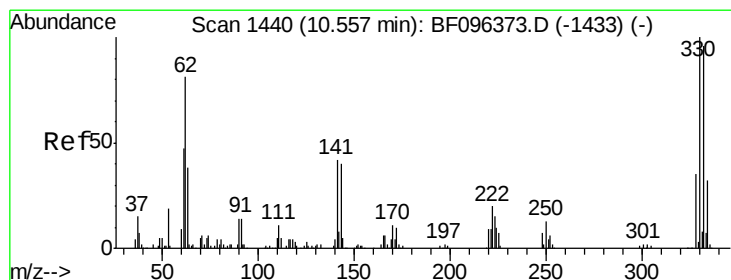
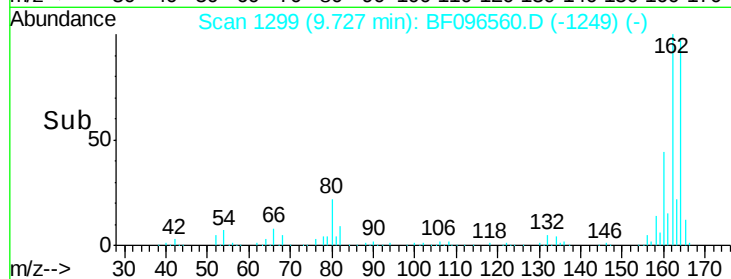
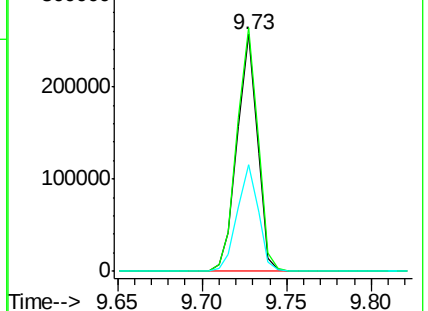
160 45.1 36.2 54.2



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: 96.114 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF096560.D

Acq: 7 Jul 2017 15:42

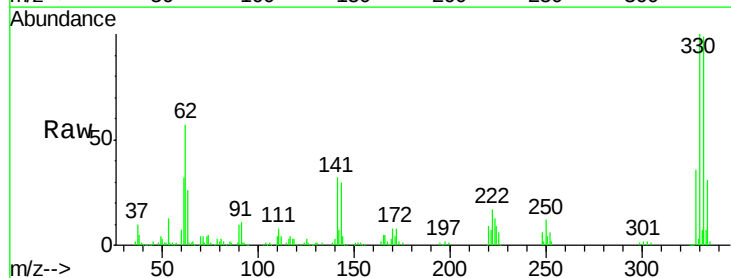
Tgt Ion:330 Resp: 162063

Ion Ratio Lower Upper

330 100

332 96.7 76.6 115.0

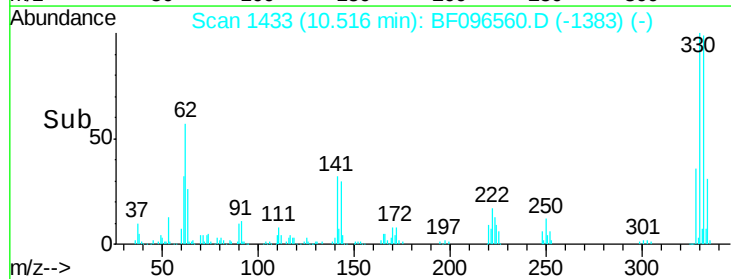
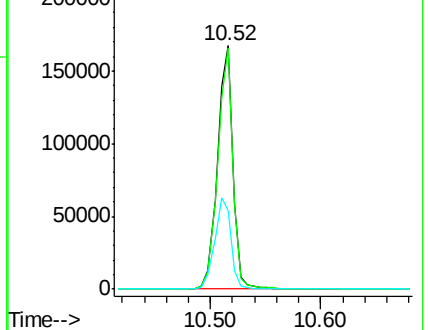
141 39.3 31.4 47.2

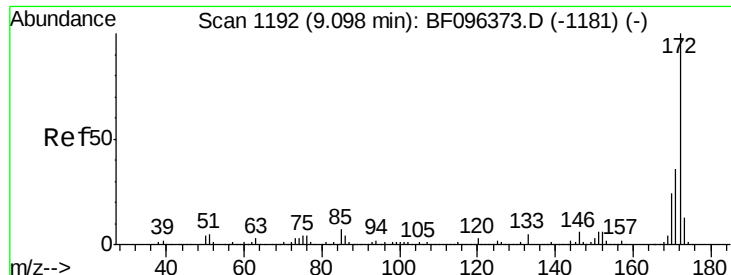


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

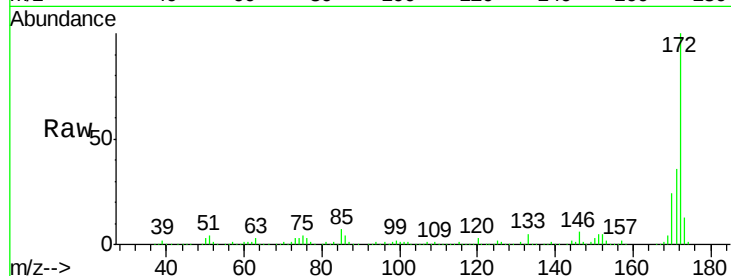




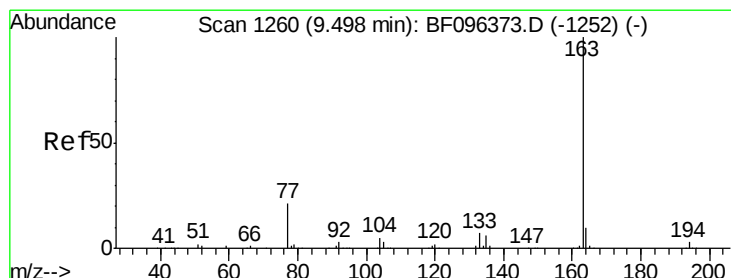
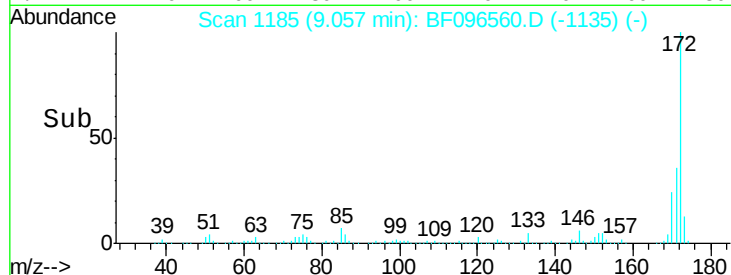
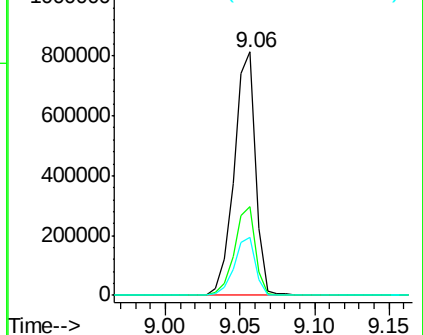
#44
 2-Fluorobiphenyl
 Concen: 65.339 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF005-01

Tgt Ion:172 Resp: 824919
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.6 44.4
 170 24.0 19.8 29.8

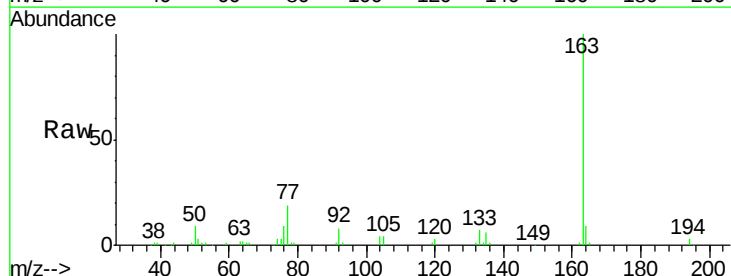


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

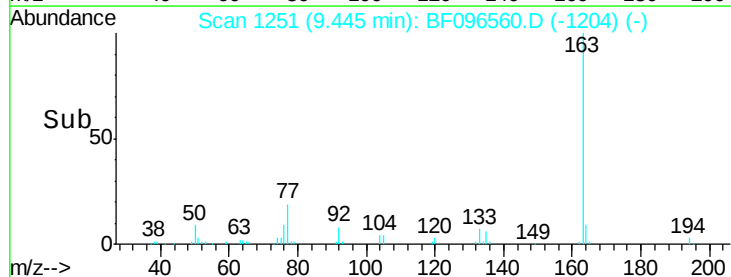
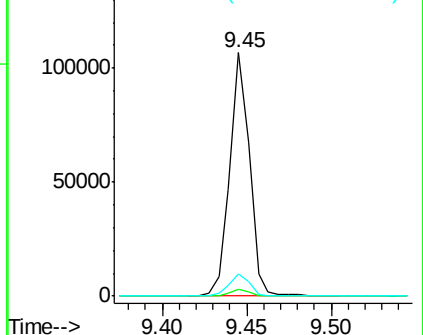


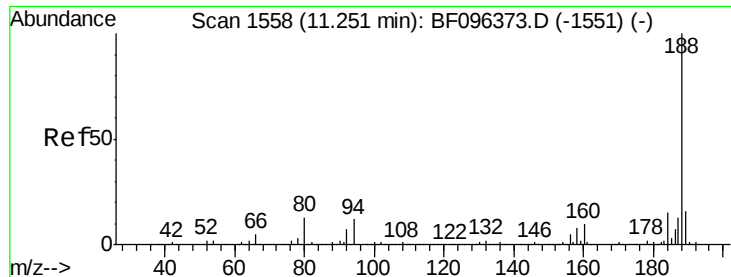
#49
 Dimethylphthalate
 Concen: 5.369 ng
 RT: 9.45 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Tgt Ion:163 Resp: 86525
 Ion Ratio Lower Upper
 163 100
 194 3.0 2.6 4.0
 164 9.3 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

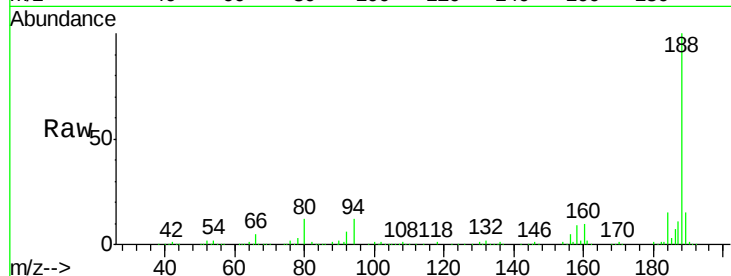




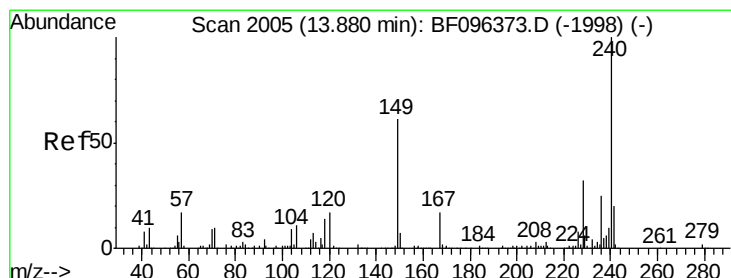
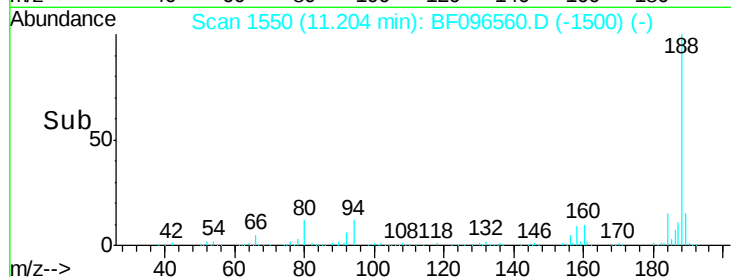
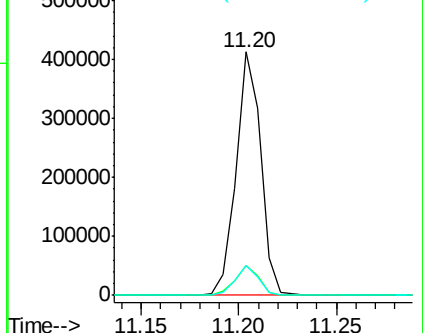
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Instrument :
BNA_F
ClientSampleId :
PET-BF005-01

Tgt Ion:188 Resp: 361805
Ion Ratio Lower Upper
188 100
94 12.0 9.4 14.2
80 12.2 10.2 15.2

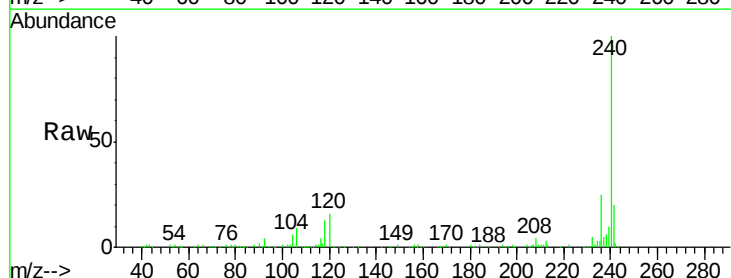


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

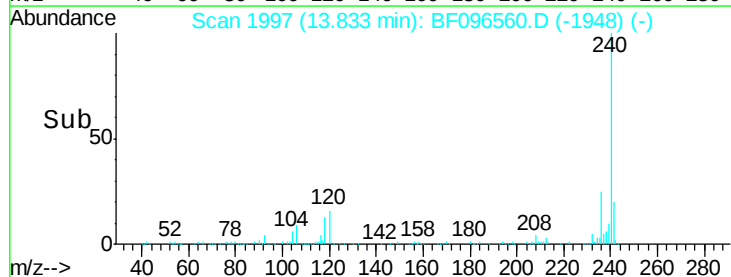
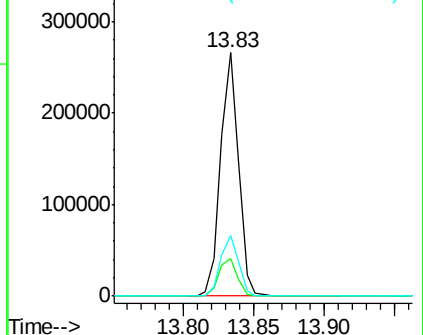


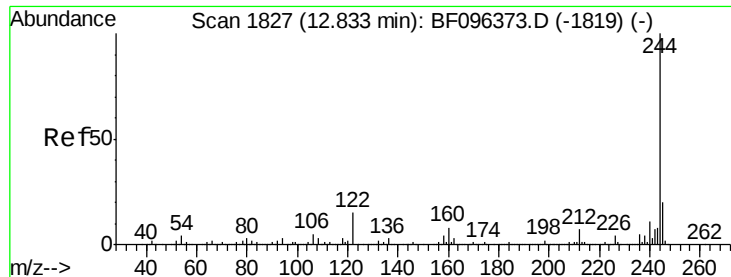
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.01 min
Lab File: BF096560.D
Acq: 7 Jul 2017 15:42

Tgt Ion:240 Resp: 236786
Ion Ratio Lower Upper
240 100
120 15.5 5.8 8.8#
236 25.0 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

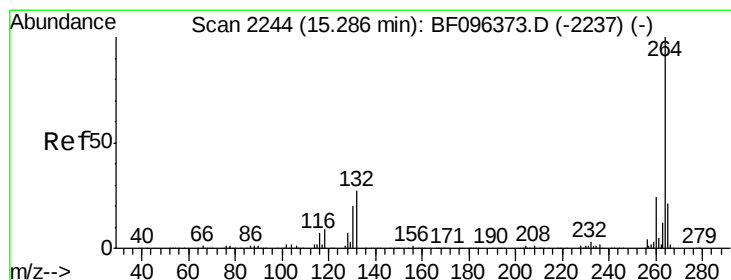
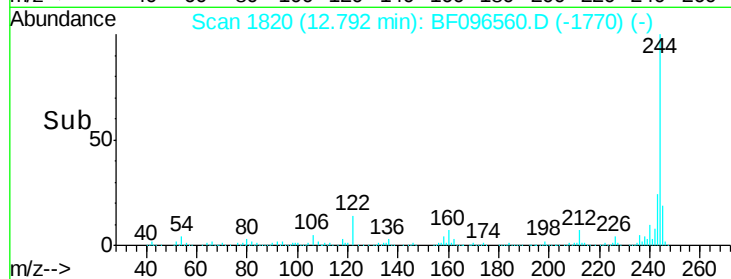
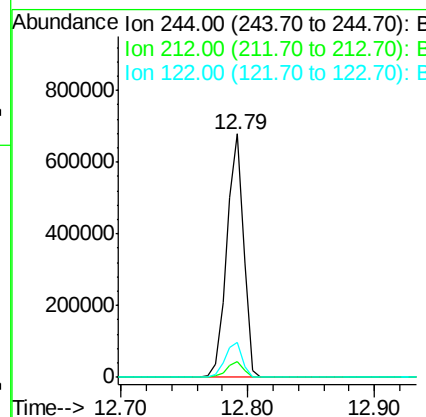
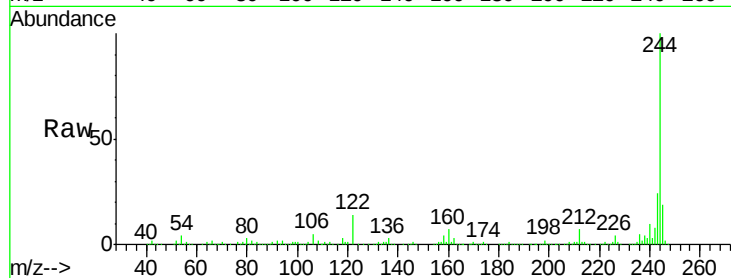




#78
 Terphenyl-d14
 Concen: 56.449 ng
 RT: 12.79 min Scan# 1820
 Delta R.T. -0.01 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Instrument :
 BNA_F
 ClientSampleId :
 PET-BF005-01

Tgt Ion:244 Resp: 625520
 Ion Ratio Lower Upper
 244 100
 212 6.7 6.0 9.0
 122 14.1 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.01 min
 Lab File: BF096560.D
 Acq: 7 Jul 2017 15:42

Tgt Ion:264 Resp: 190098
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.5 29.3
 265 20.7 17.2 25.8

