

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096606.D
 Acq On : 10 Jul 2017 17:39
 Operator : SJ/JU
 Sample : PB100517BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BL

Quant Time: Jul 11 03:25:00 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	6.68	152	106809	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	447789	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	198599	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	343762	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	242206	20.00	ng	-0.03
86) Perylene-d12	15.21	264	177681	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	853498	117.94	ng	0.00
7) Phenol-d6	6.33	99	1010235	113.56	ng	-0.02
23) Nitrobenzene-d5	7.25	82	601815	80.76	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	213342	137.52	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	1080569	93.03	ng	-0.02
78) Terphenyl-d14	12.78	244	835802	73.74	ng	-0.02

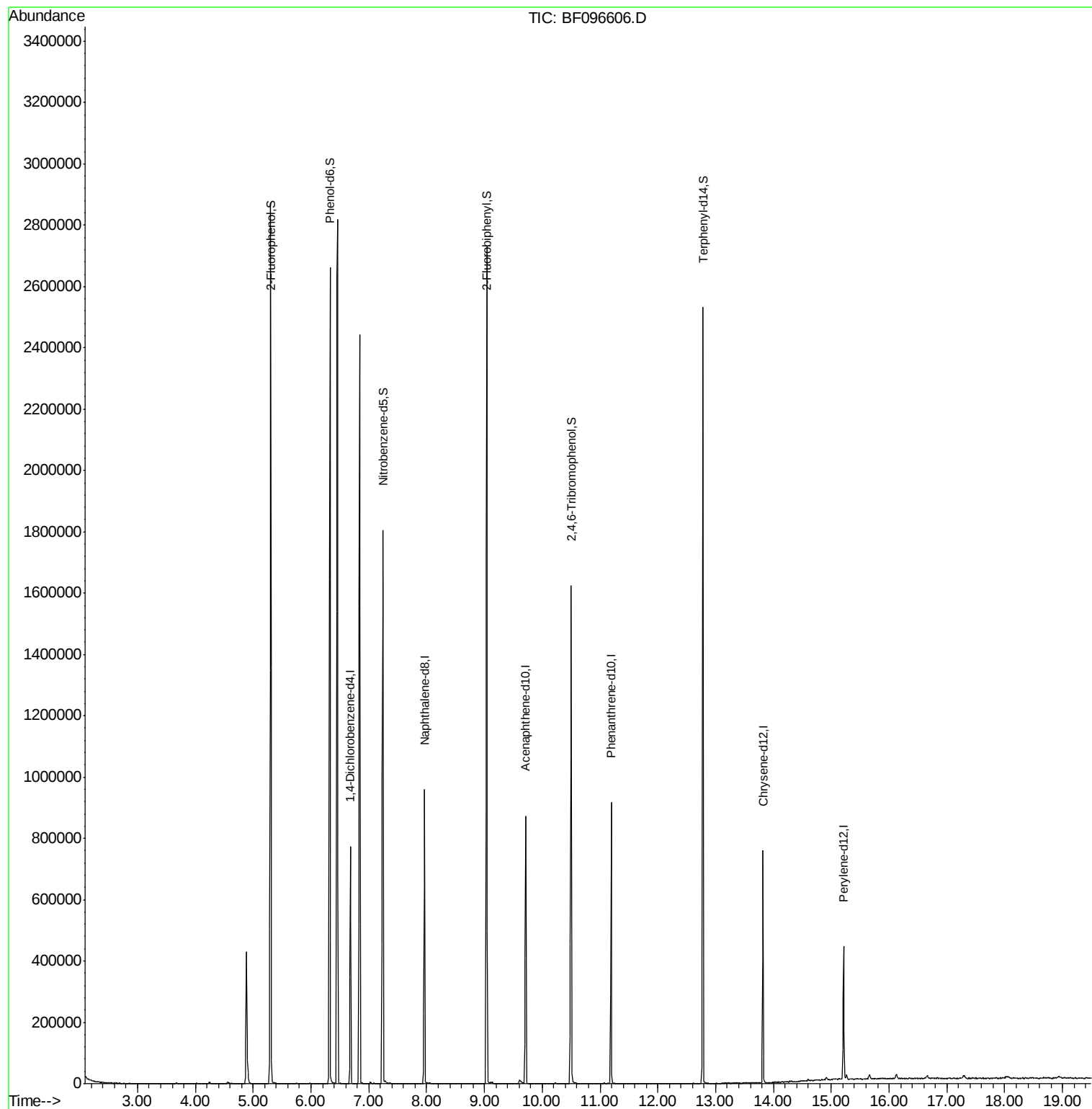
Target Compounds Qvalue

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.68 min Scan# 781

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

Instrument :

BNA_F

ClientSampled :

PB100517BL

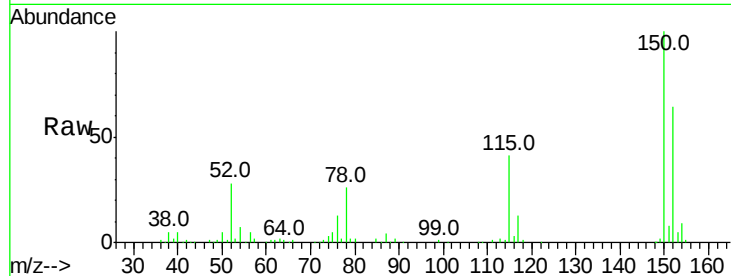
Tot Ion:152 Resp: 106809

Ion Ratio Lower Upper

152 100

150 155.5 126.2 189.2

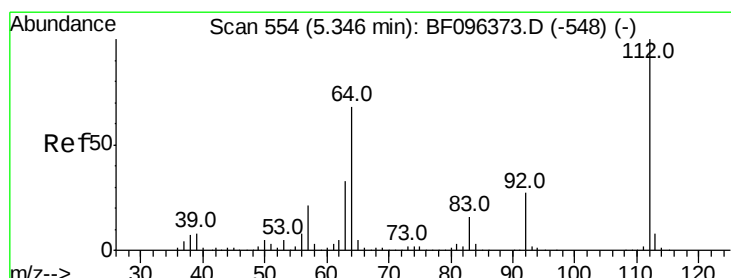
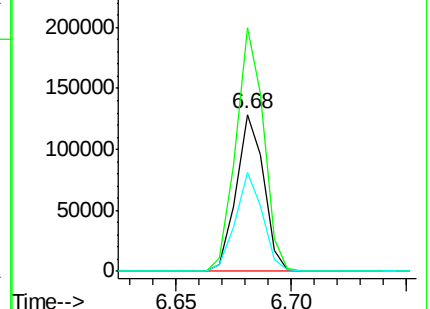
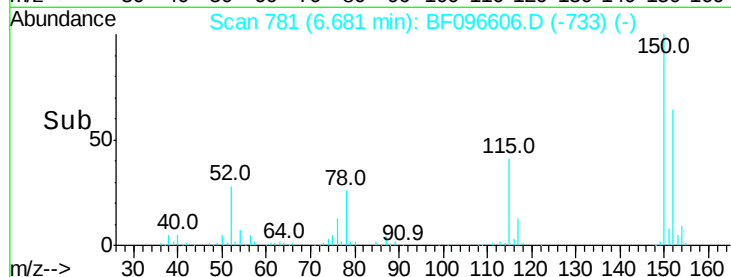
115 63.4 52.2 78.2



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: 117.94 ng

RT: 5.30 min Scan# 547

Delta R.T. -0.01 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

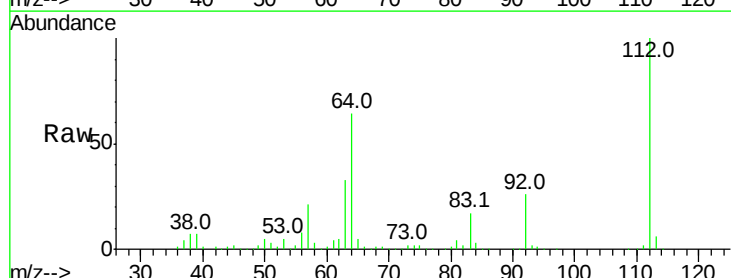
Tgt Ion:112 Resp: 853498

Ion Ratio Lower Upper

112 100

64 64.5 46.0 69.0

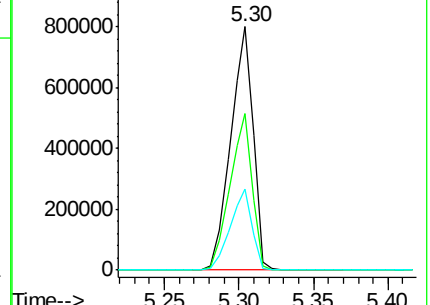
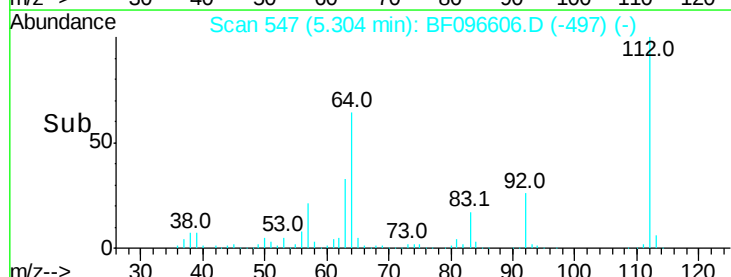
63 33.1 23.4 35.0

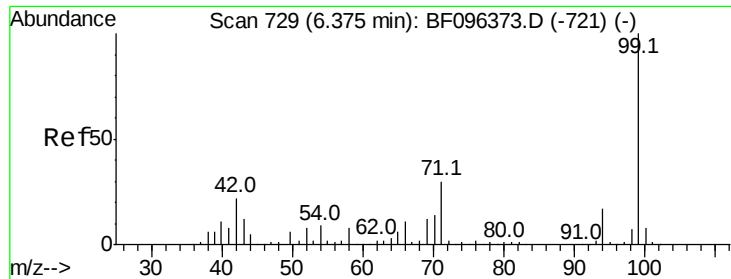


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.56 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

Instrument :

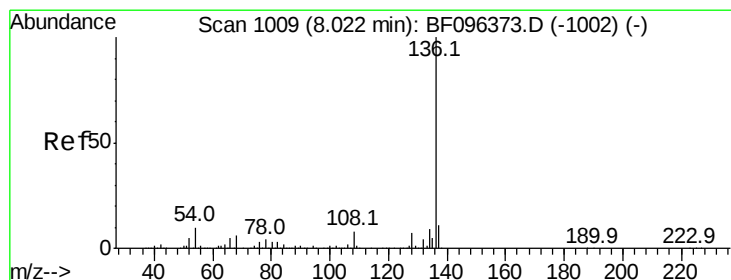
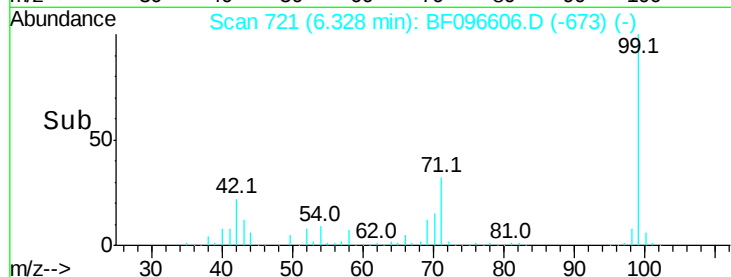
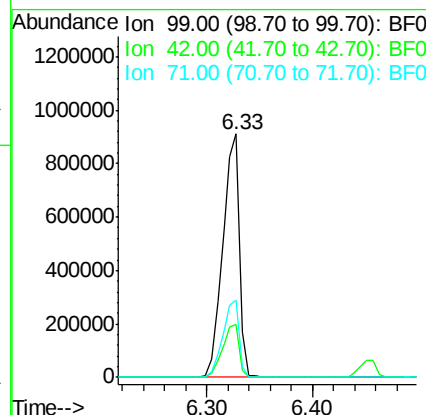
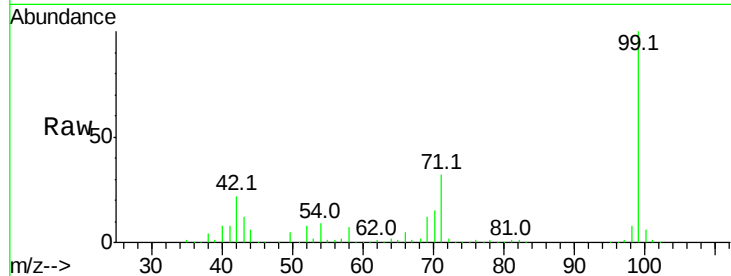
BNA_F

ClientSampleId :

PB100517BL

Tot Ion: 99 Resp: 1010235

Ion	Ratio	Lower	Upper
99	100		
42	22.0	13.5	20.3#
71	31.6	24.5	36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

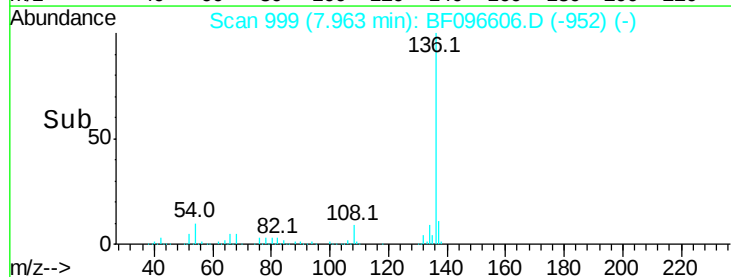
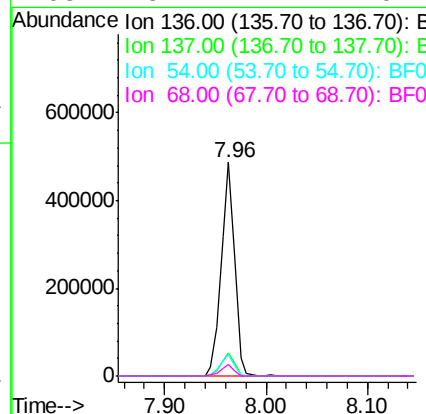
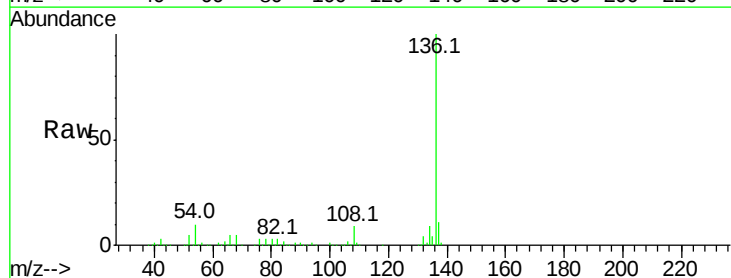
Delta R.T. -0.02 min

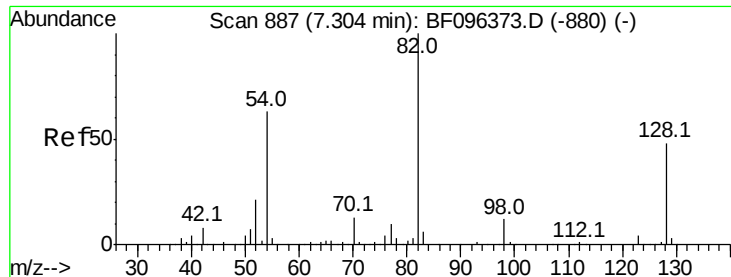
Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

Tgt Ion: 136 Resp: 447789

Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.5	12.7
54	10.1	4.9	7.3#
68	5.1	4.1	6.1

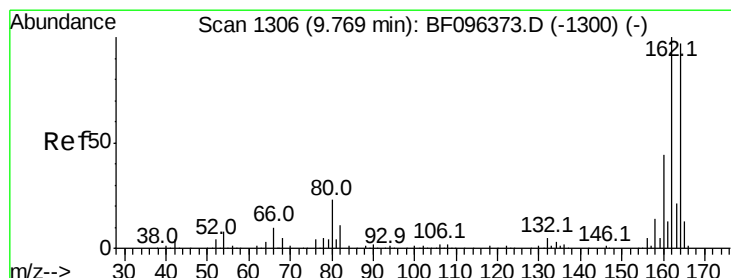
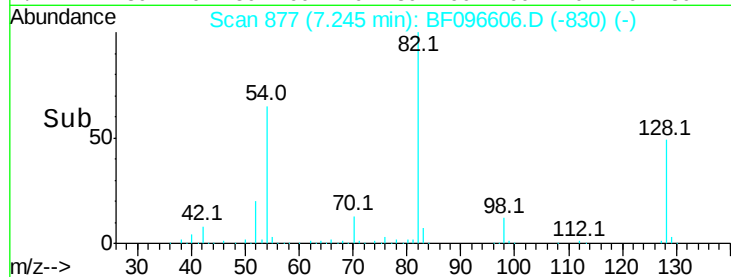
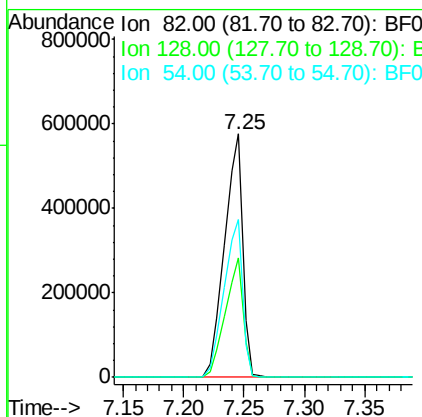
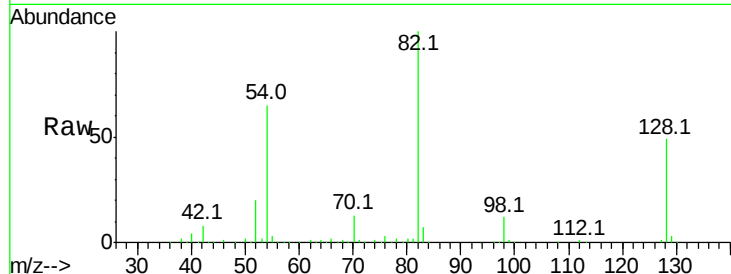




#23
Nitrobenzene-d5
Concen: 80.76 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

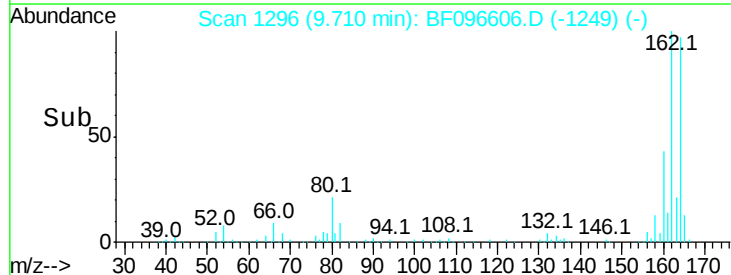
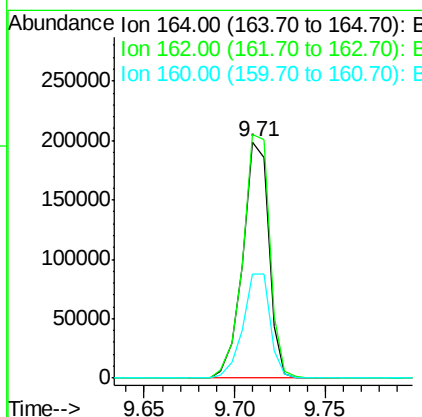
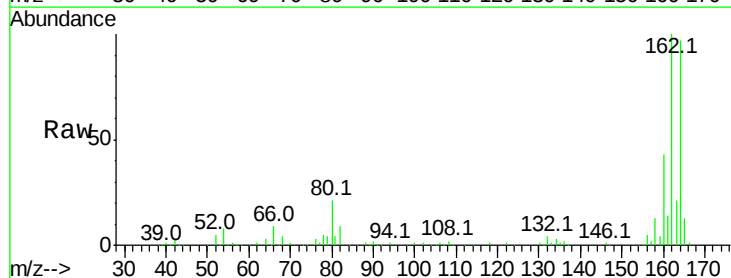
Instrument :
BNA_F
ClientSampleId :
PB100517BL

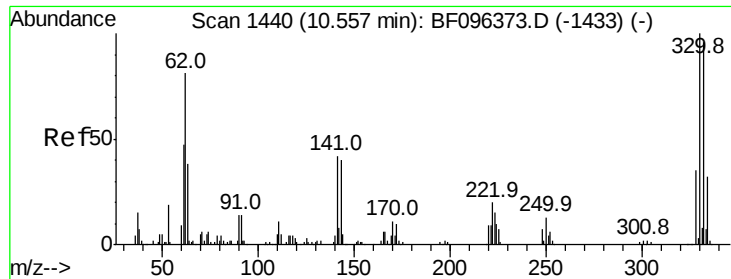
Tot Ion	82	Resp	601815
Ion Ratio	100	Lower	Upper
128	48.9	34.0	51.0
54	65.0	42.2	63.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096606.D
Acq: 10 Jul 2017 17:39

Tgt Ion	164	Resp	198599
Ion Ratio	100	Lower	Upper
162	103.2	82.6	123.8
160	44.4	36.2	54.2

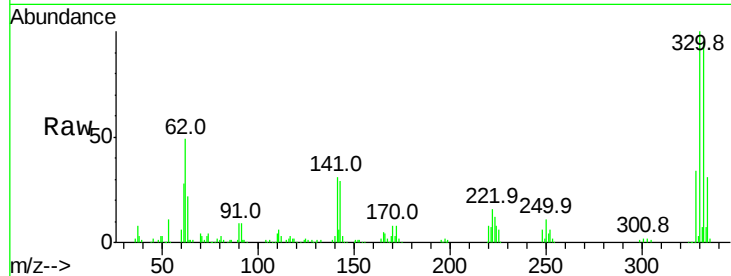




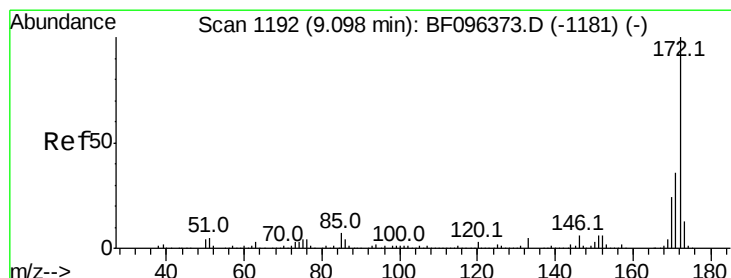
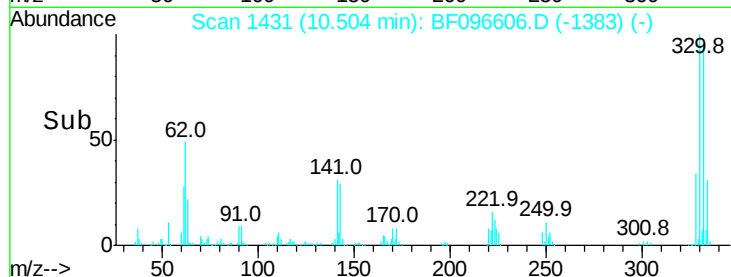
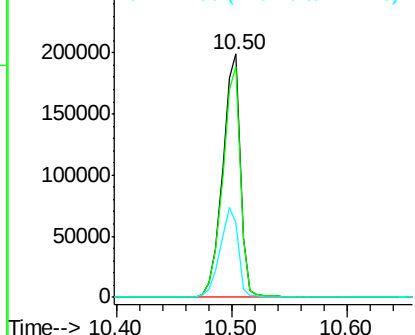
#41
 2,4,6-Tribromophenol
 Concen: 137.52 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096606.D
 Acq: 10 Jul 2017 17:39

Instrument :
 BNA_F
 ClientSampleId :
 PB100517BL

Tot Ion:330 Resp: 213342
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 37.6 31.4 47.2

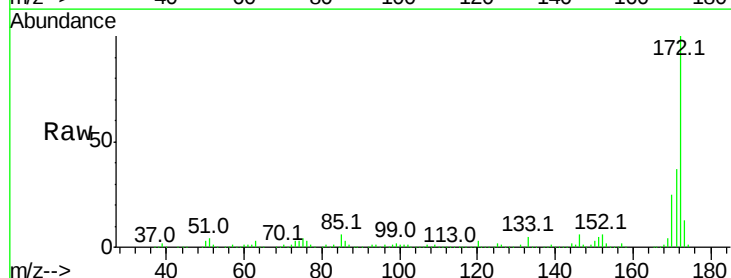


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

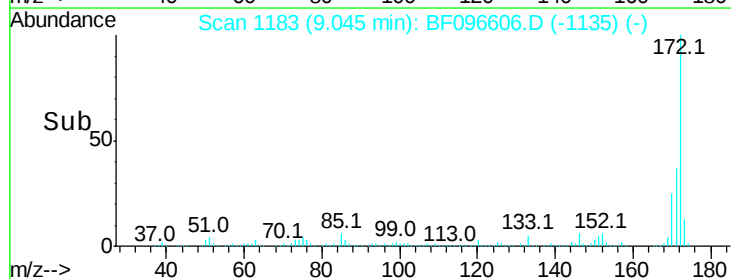
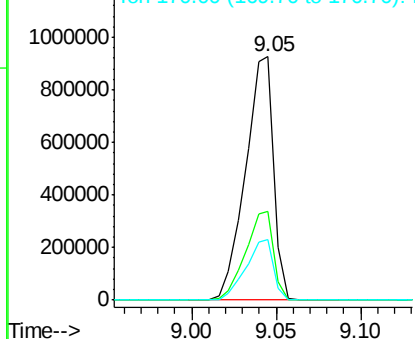


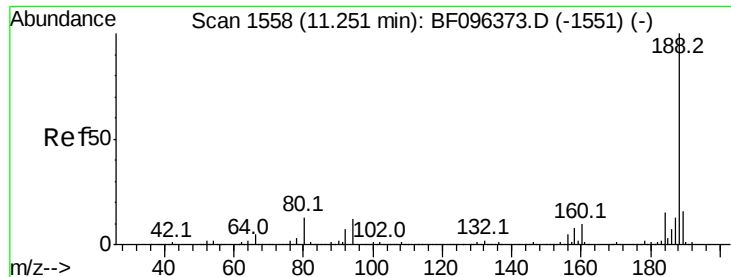
#44
 2-Fluorobiphenyl
 Concen: 93.03 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.02 min
 Lab File: BF096606.D
 Acq: 10 Jul 2017 17:39

Tgt Ion:172 Resp: 1080569
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.6 44.4
 170 25.0 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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

Instrument :

BNA_F

ClientSampleId :

PB100517BL

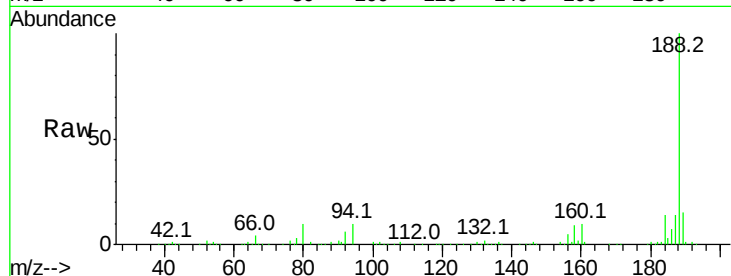
Tot Ion:188 Resp: 343762

Ion Ratio Lower Upper

188 100

94 10.0 9.4 14.2

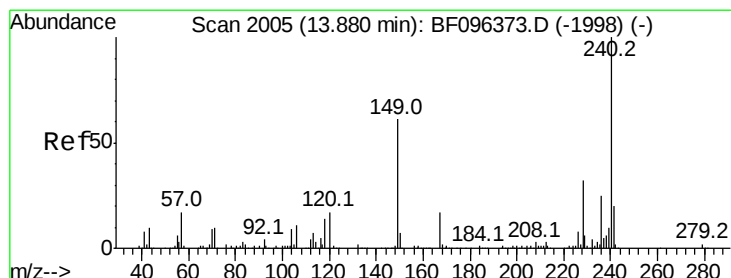
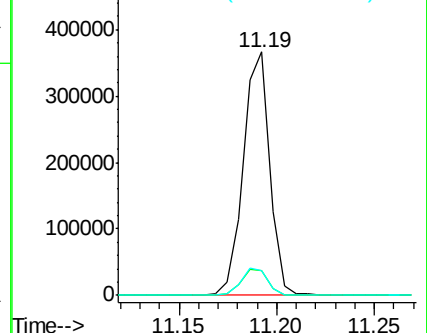
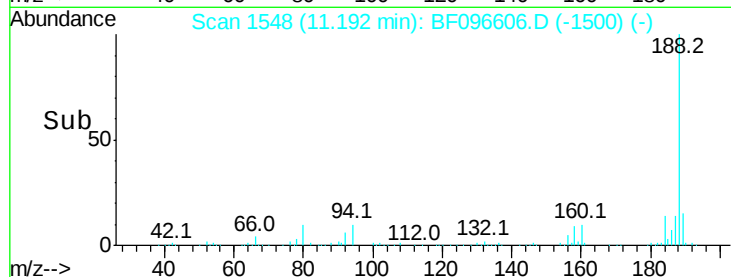
80 10.4 10.2 15.2



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: 20.00 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.03 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

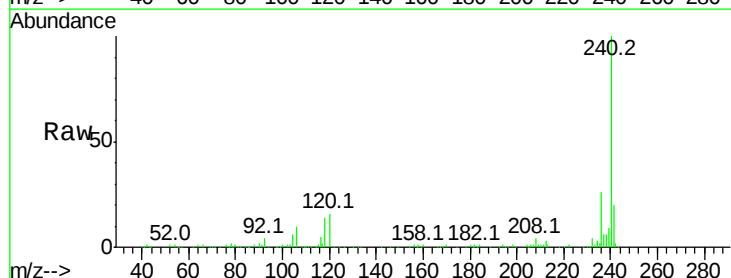
Tgt Ion:240 Resp: 242206

Ion Ratio Lower Upper

240 100

120 15.6 5.8 8.8#

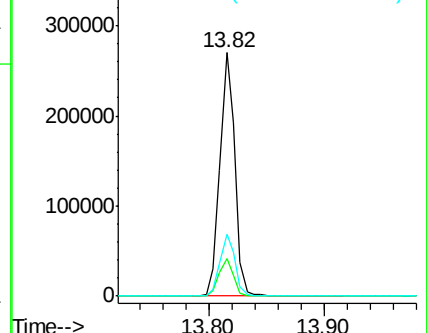
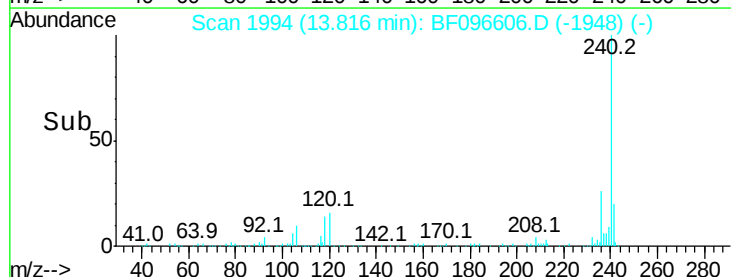
236 25.5 20.5 30.7

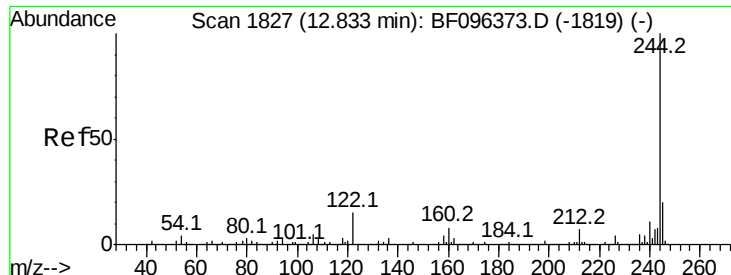


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 73.74 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

Instrument :

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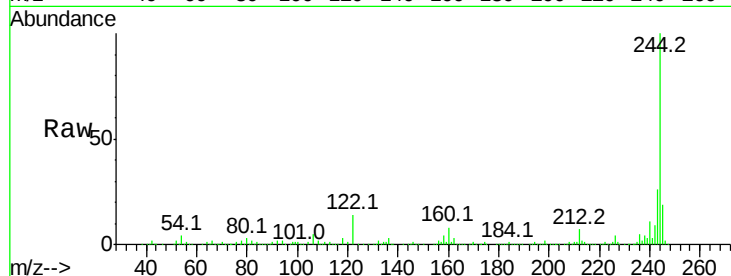
Tot Ion:244 Resp: 835802

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

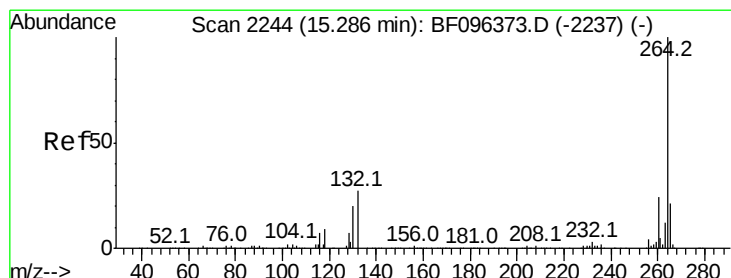
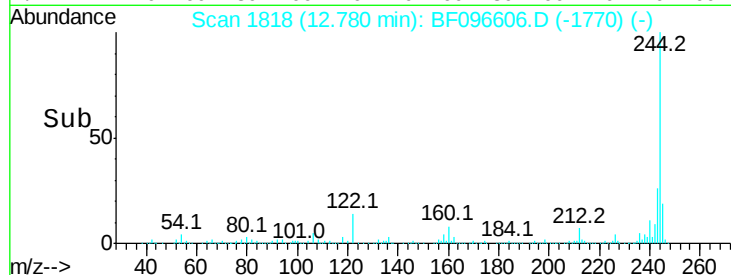
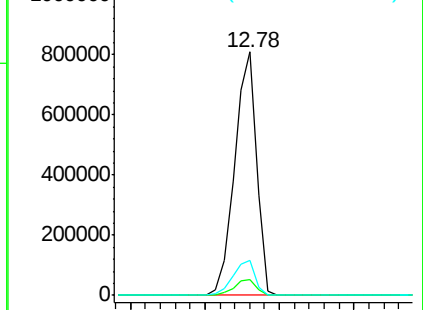
122 14.3 10.3 15.5



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: 20.00 ng

RT: 15.21 min Scan# 2231

Delta R.T. -0.04 min

Lab File: BF096606.D

Acq: 10 Jul 2017 17:39

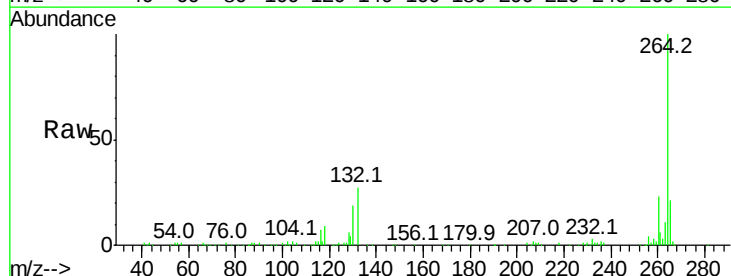
Tgt Ion:264 Resp: 177681

Ion Ratio Lower Upper

264 100

260 23.1 19.5 29.3

265 21.0 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

