

Data Path : Z:\HPCHEM1\BNA F\DATA\BF070517\
 Data File : BF096487.D
 Acq On : 5 Jul 2017 16:43
 Operator : SJ/MA
 Sample : I3871-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-52-20170622

Quant Time: Jul 06 01:53:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 05 13:27:10 2017
 Response via : Initial Calibration

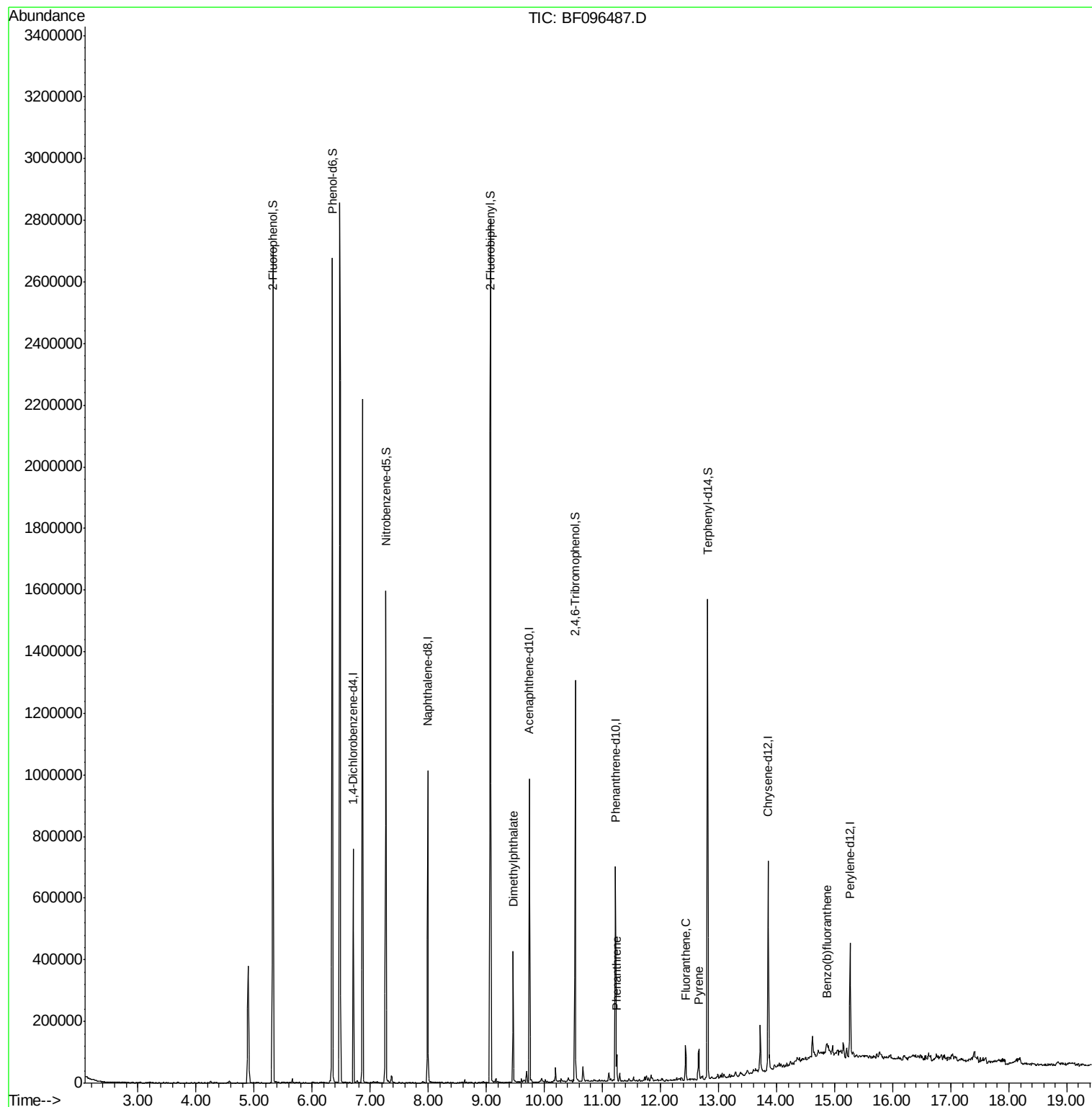
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	103984	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	421673	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	178403	20.00	ng	0.00
63) Phenanthrene-d10	11.23	188	231199	20.00	ng	0.00
75) Chrysene-d12	13.86	240	194717	20.00	ng	-0.01
86) Perylene-d12	15.27	264	149589	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.33	112	761111	108.03	ng	0.00
7) Phenol-d6	6.35	99	903368	104.30	ng	0.00
23) Nitrobenzene-d5	7.27	82	518082	73.83	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	137614	98.75	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	846800	81.16	ng	0.00
78) Terphenyl-d14	12.82	244	487505	53.50	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.46	163	163894	12.31	ng	98
70) Phenanthrene	11.25	178	29756	2.38	ng	97
74) Fluoranthene	12.43	202	41069	3.35	ng	96
77) Pyrene	12.66	202	38638	2.47	ng	98
87) Benzo(b)fluoranthene	14.87	252	21107m	2.25	ng	

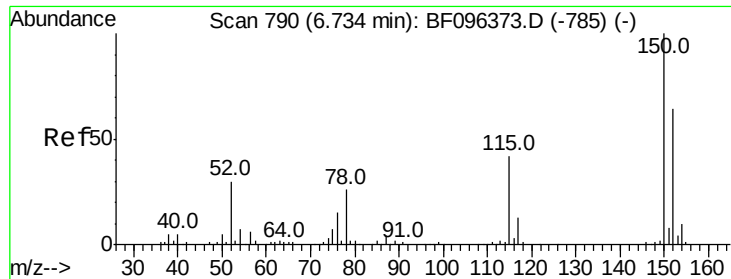
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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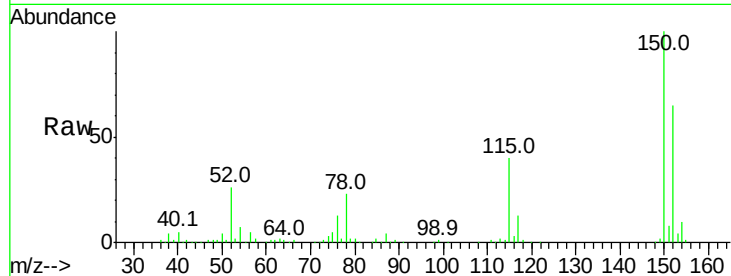


#1

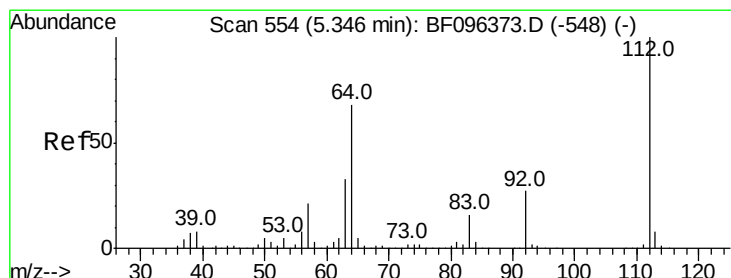
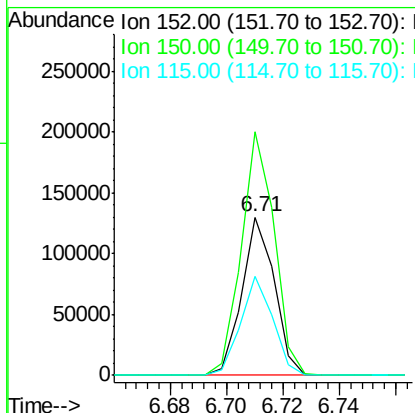
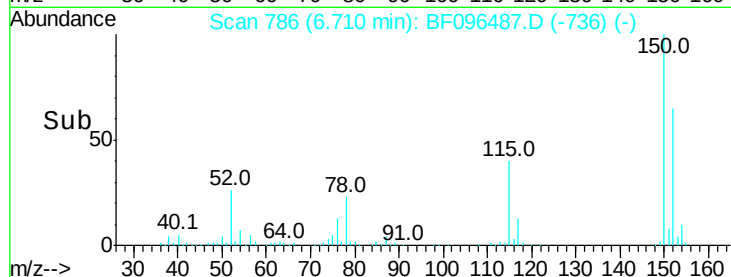
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 786
Delta R.T. -0.01 min
Lab File: BF096487.D
Acq: 5 Jul 2017 16:43

Instrument :
BNA_F
ClientSampleId :
POSTEX-52-20170622

Tot Ion:152 Resp: 103984
Ion Ratio Lower Upper
152 100
150 154.2 126.2 189.2
115 62.4 52.2 78.2



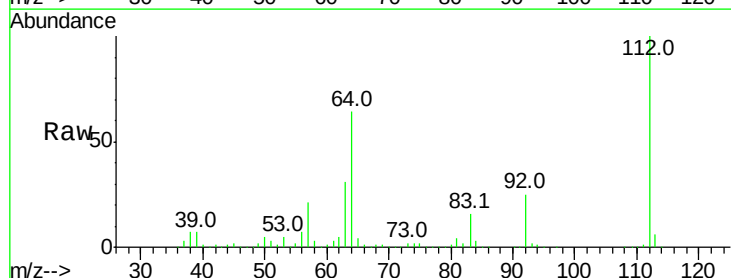
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



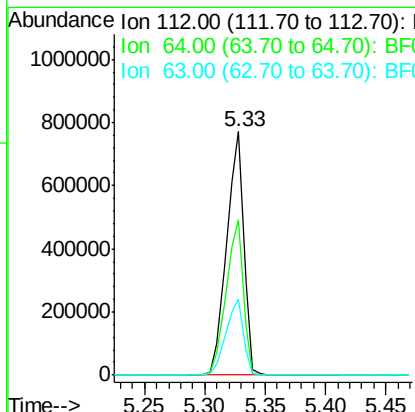
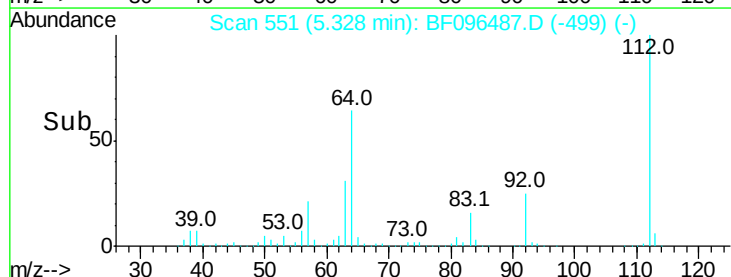
#5

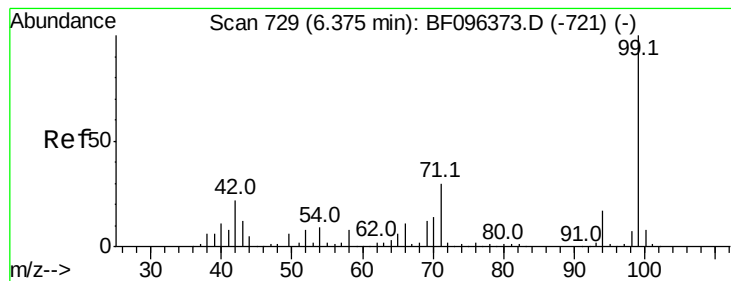
2-Fluorophenol
Concen: 108.03 ng
RT: 5.33 min Scan# 551
Delta R.T. 0.01 min
Lab File: BF096487.D
Acq: 5 Jul 2017 16:43

Tgt Ion:112 Resp: 761111
Ion Ratio Lower Upper
112 100
64 63.7 46.0 69.0
63 31.3 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: 104.30 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

Instrument :

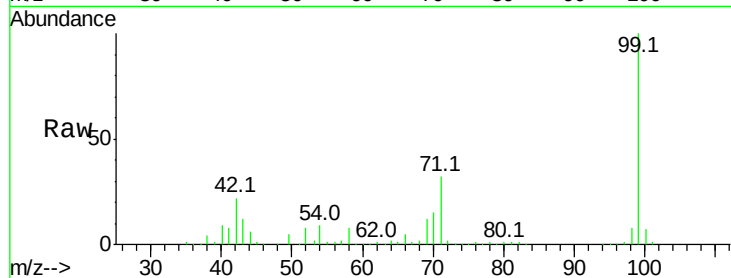
BNA_F

ClientSampleId :

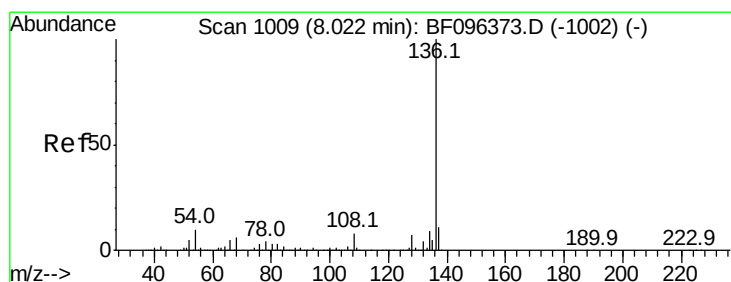
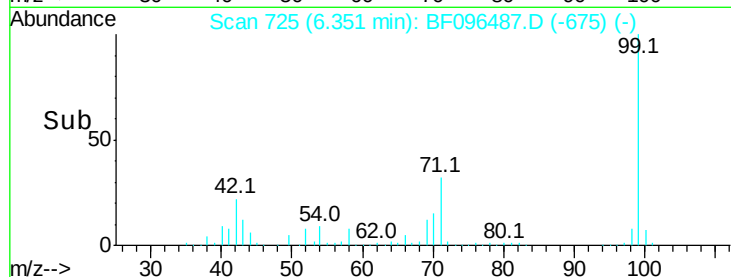
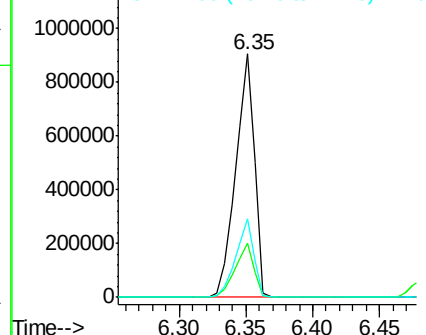
POSTEX-52-20170622

Tot Ion: 99 Resp: 903368

Ion	Ratio	Lower	Upper
99	100		
42	22.3	13.5	20.3#
71	32.2	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: 7.99 min Scan# 1004

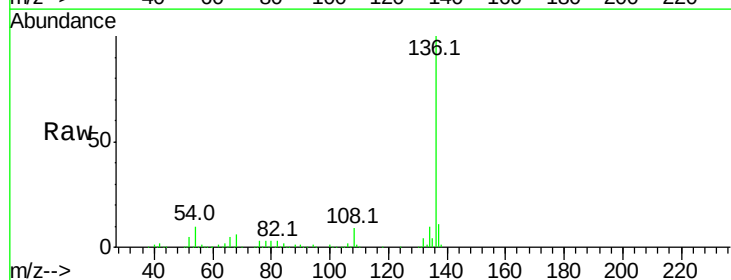
Delta R.T. -0.01 min

Lab File: BF096487.D

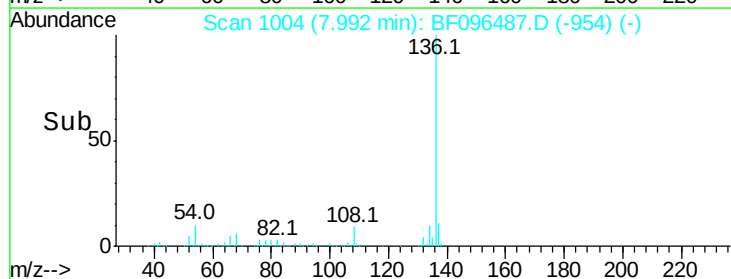
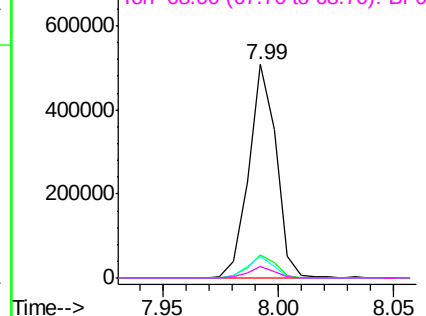
Acq: 5 Jul 2017 16:43

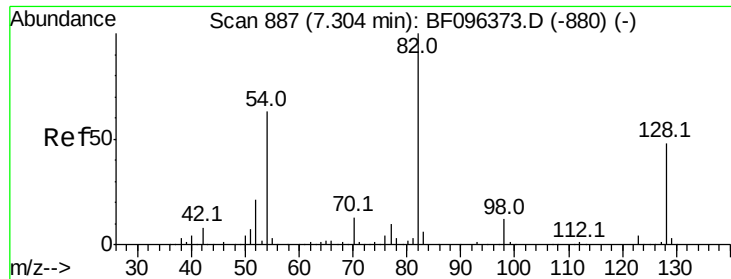
Tgt Ion: 136 Resp: 421673

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	10.2	4.9	7.3#
68	5.5	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

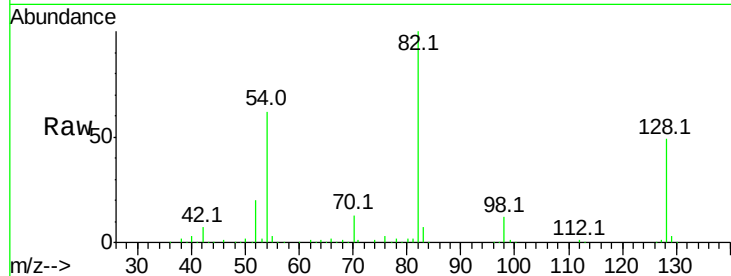




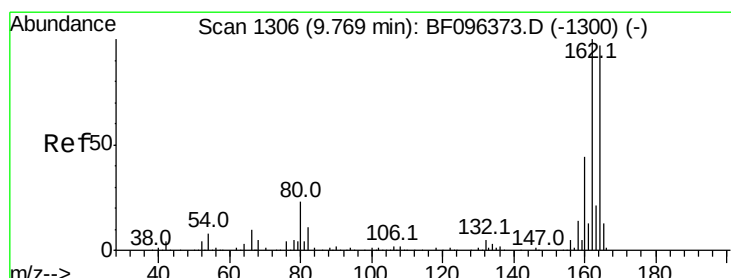
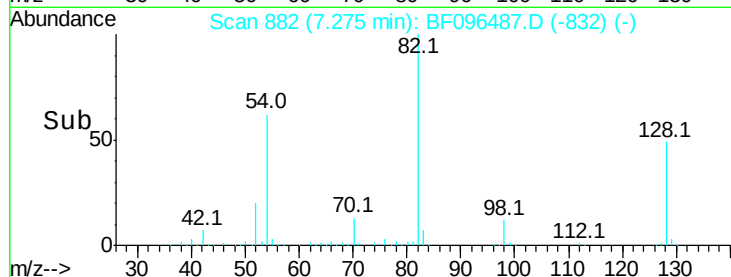
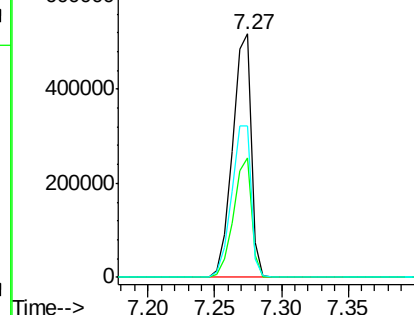
#23
 Nitrobenzene-d5
 Concen: 73.83 ng
 RT: 7.27 min Scan# 882
 Delta R.T. -0.01 min
 Lab File: BF096487.D
 Acq: 5 Jul 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-52-20170622

Tot Ion: 82 Resp: 518082
 Ion Ratio Lower Upper
 82 100
 128 49.1 34.0 51.0
 54 62.4 42.2 63.2

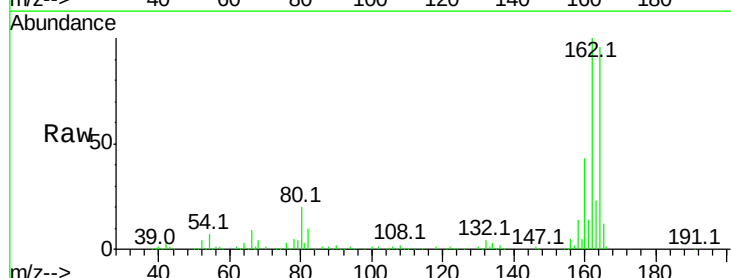


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

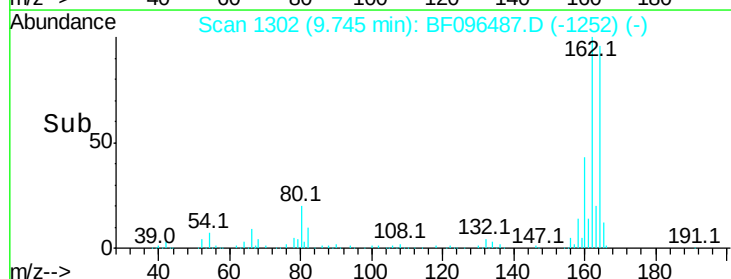
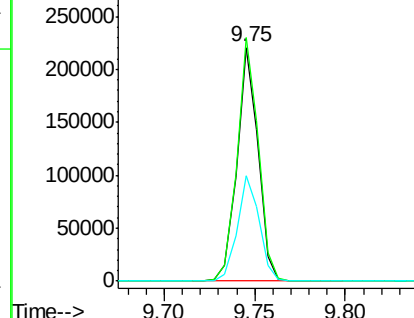


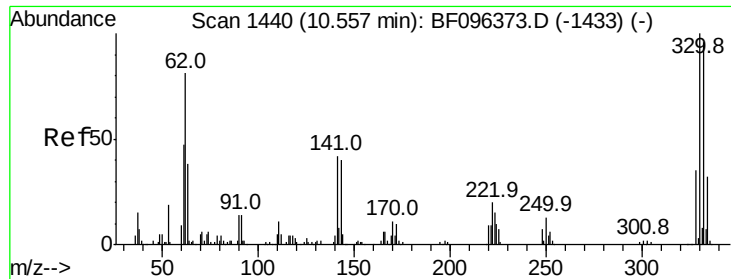
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.75 min Scan# 1302
 Delta R.T. -0.01 min
 Lab File: BF096487.D
 Acq: 5 Jul 2017 16:43

Tgt Ion:164 Resp: 178403
 Ion Ratio Lower Upper
 164 100
 162 104.3 82.6 123.8
 160 44.9 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

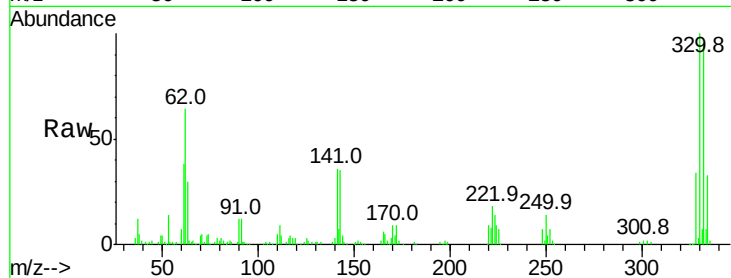




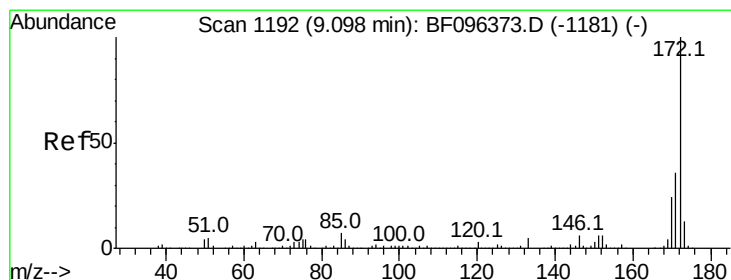
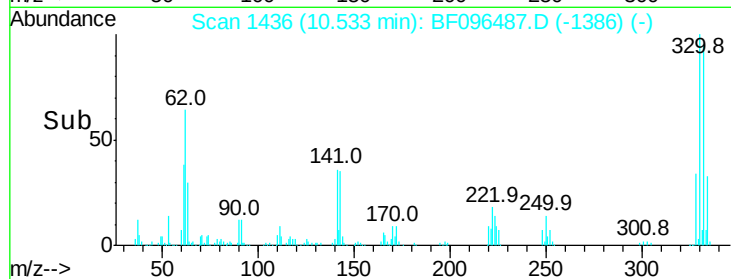
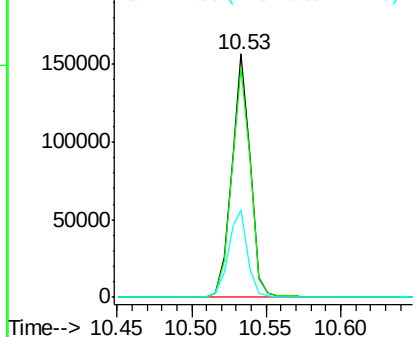
#41
 2,4,6-Tribromophenol
 Concen: 98.75 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF096487.D
 Acq: 5 Jul 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-52-20170622

Tot Ion:330 Resp: 137614
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.6 115.0
 141 37.0 31.4 47.2

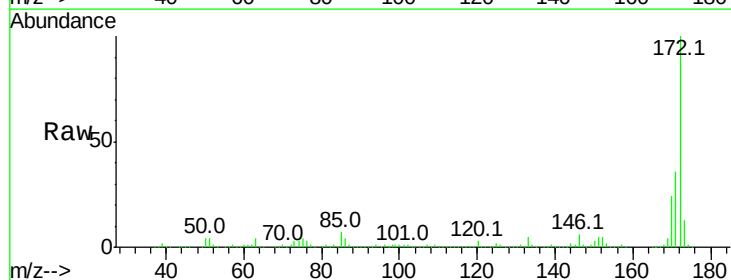


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

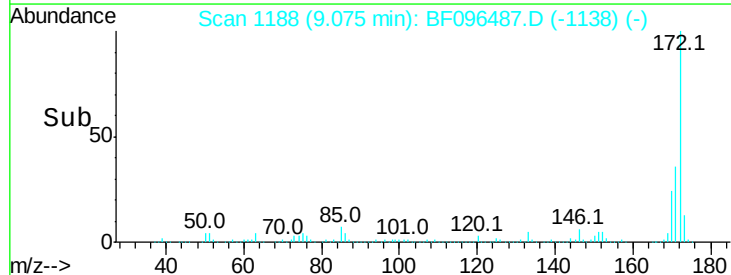
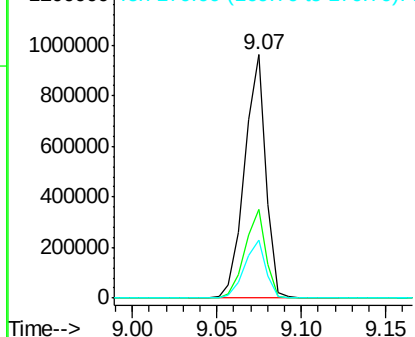


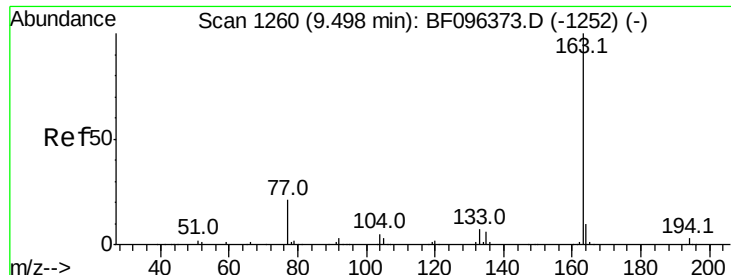
#44
 2-Fluorobiphenyl
 Concen: 81.16 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.01 min
 Lab File: BF096487.D
 Acq: 5 Jul 2017 16:43

Tgt Ion:172 Resp: 846800
 Ion Ratio Lower Upper
 172 100
 171 36.3 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: 12.31 ng

RT: 9.46 min Scan# 1254

Delta R.T. -0.02 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

Instrument :

BNA_F

ClientSampleId :

POSTEX-52-20170622

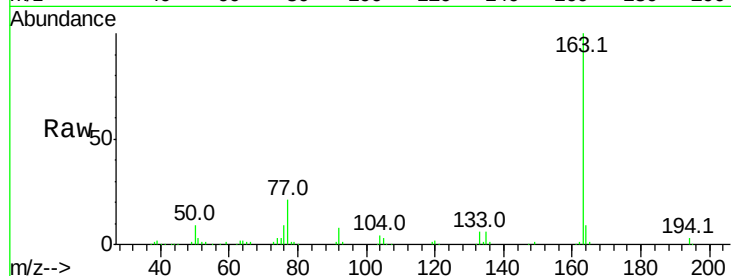
Tot Ion:163 Resp: 163894

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

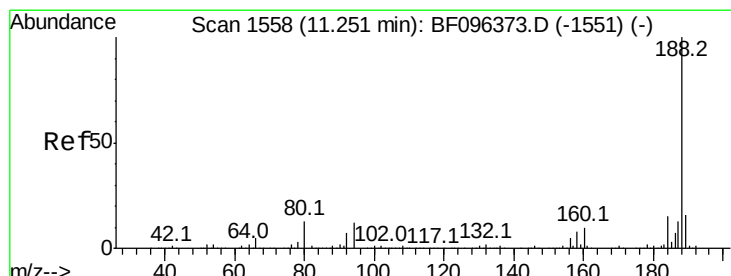
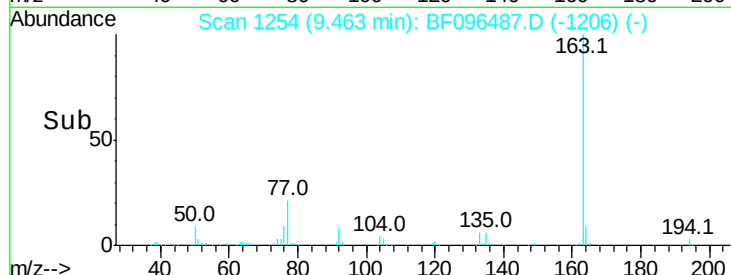
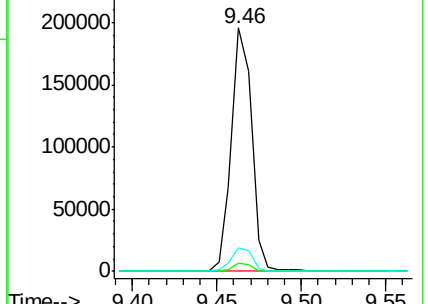
164 9.5 8.4 12.6



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: 20.00 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

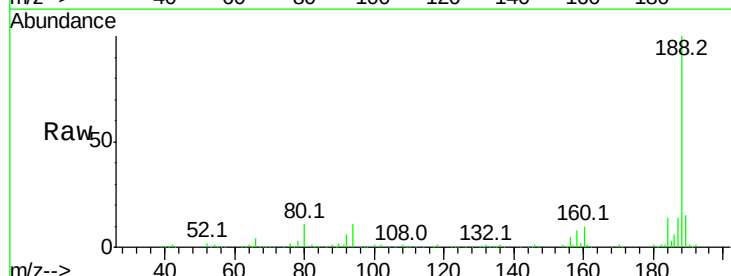
Tgt Ion:188 Resp: 231199

Ion Ratio Lower Upper

188 100

94 10.7 9.4 14.2

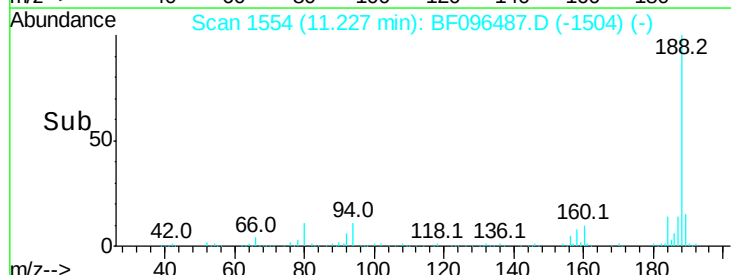
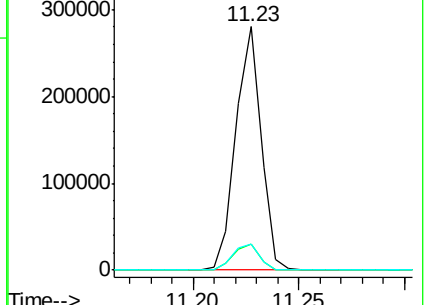
80 10.8 10.2 15.2

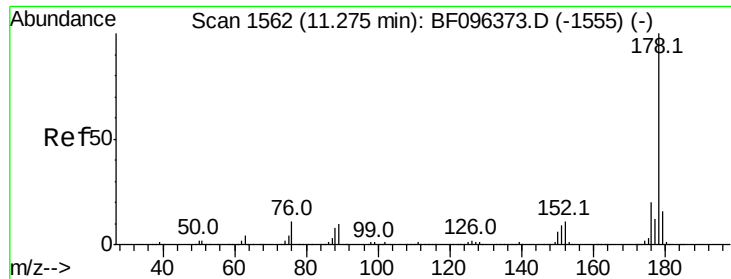


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#70

Phenanthrene

Concen: 2.38 ng

RT: 11.25 min Scan# 1558

Delta R.T. -0.01 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

Instrument :

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ClientSampleId :

POSTEX-52-20170622

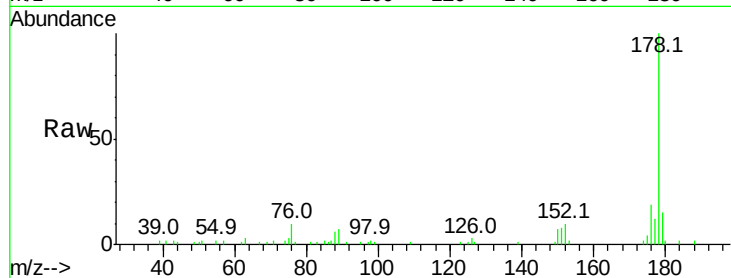
Tot Ion:178 Resp: 29756

Ion Ratio Lower Upper

178 100

176 18.6 16.2 24.4

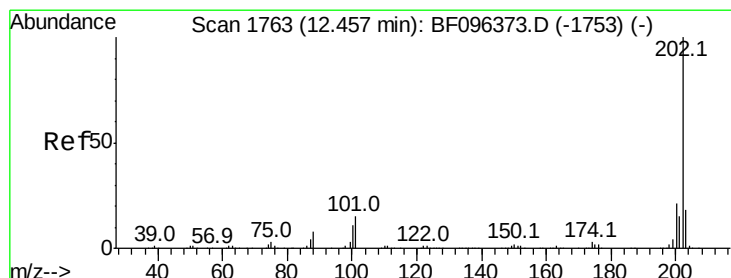
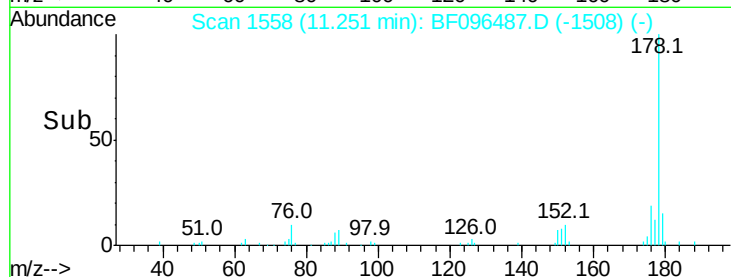
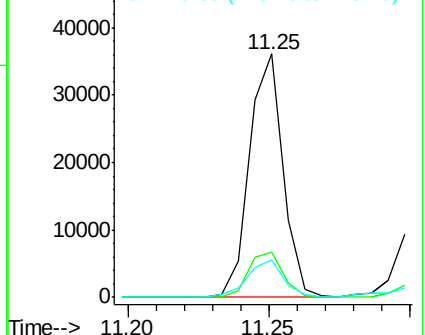
179 15.2 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#74

Fluoranthene

Concen: 3.35 ng

RT: 12.43 min Scan# 1759

Delta R.T. -0.01 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

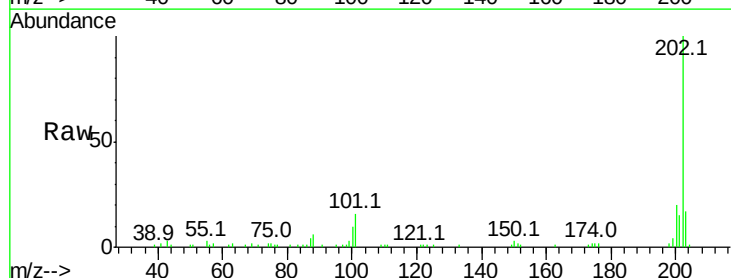
Tgt Ion:202 Resp: 41069

Ion Ratio Lower Upper

202 100

101 16.0 0.0 33.2

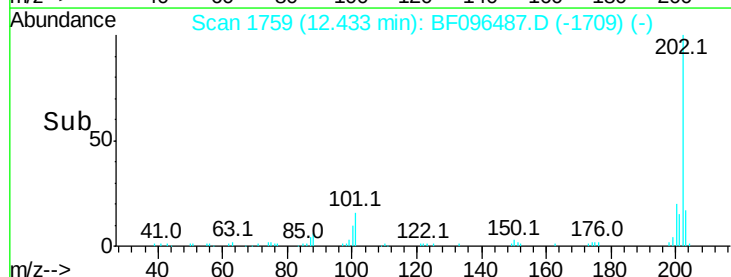
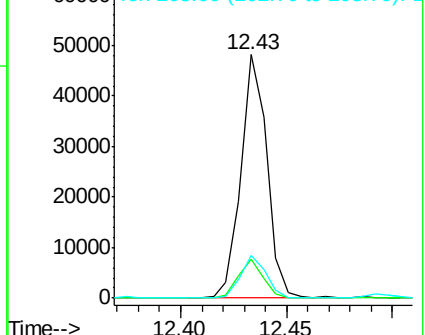
203 17.5 0.0 38.1

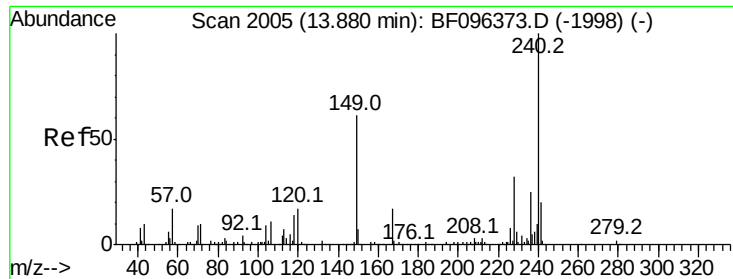


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.01 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

Instrument :

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POSTEX-52-20170622

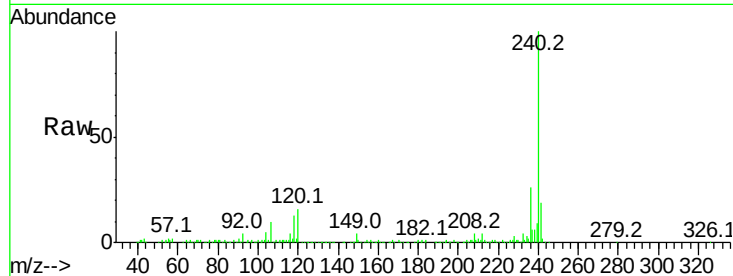
Tot Ion:240 Resp: 194717

Ion Ratio Lower Upper

240 100

120 15.5 5.8 8.8#

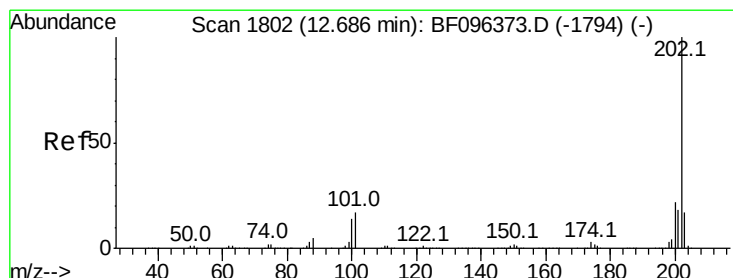
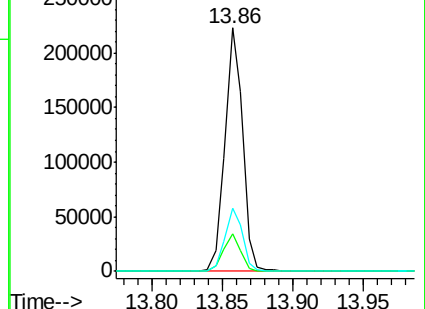
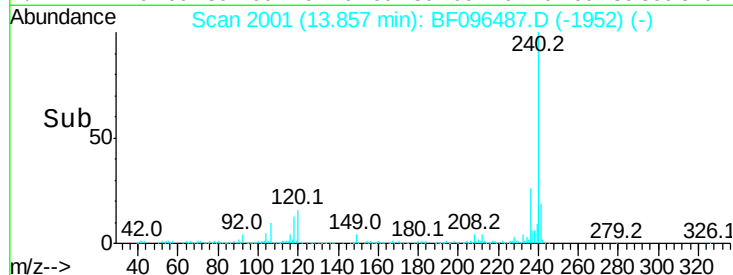
236 26.1 20.5 30.7



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



#77

Pyrene

Concen: 2.47 ng

RT: 12.66 min Scan# 1798

Delta R.T. -0.01 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

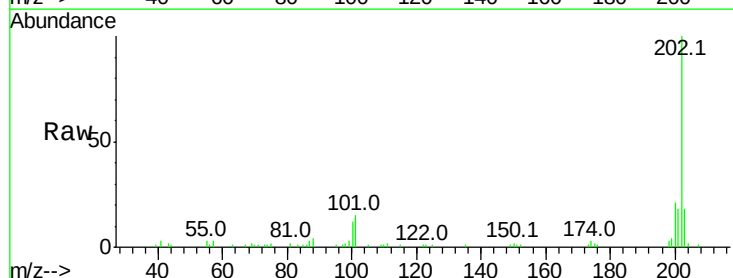
Tgt Ion:202 Resp: 38638

Ion Ratio Lower Upper

202 100

200 20.6 17.6 26.4

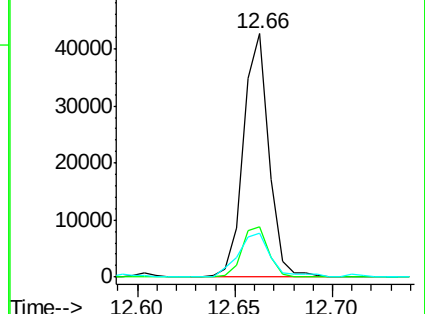
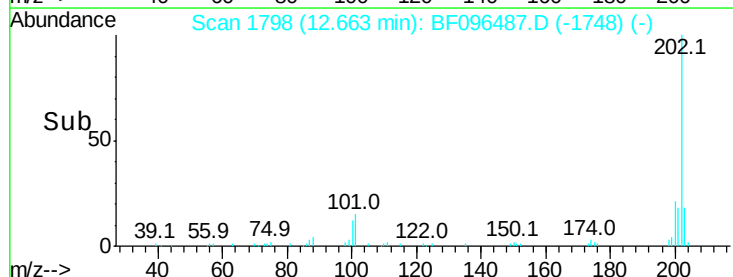
203 17.9 14.4 21.6

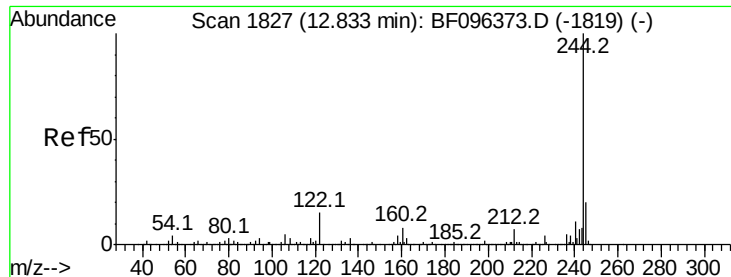


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#78

Terphenyl-d14

Concen: 53.50 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.00 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

Instrument :

BNA_F

ClientSampleId :

POSTEX-52-20170622

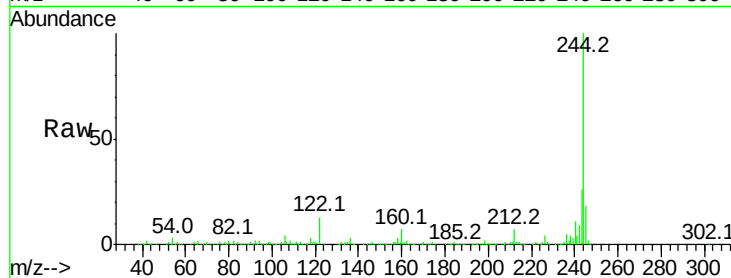
Tot Ion:244 Resp: 487505

Ion Ratio Lower Upper

244 100

212 6.6 6.0 9.0

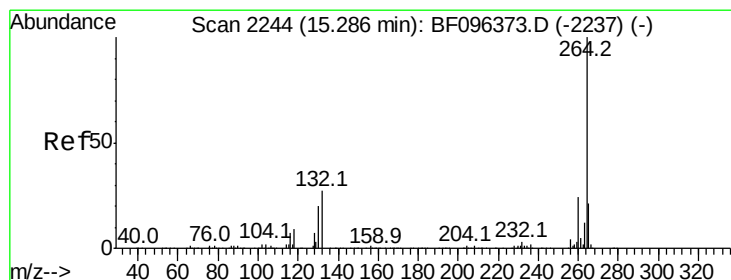
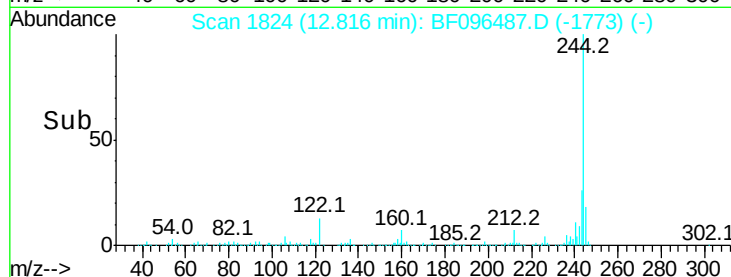
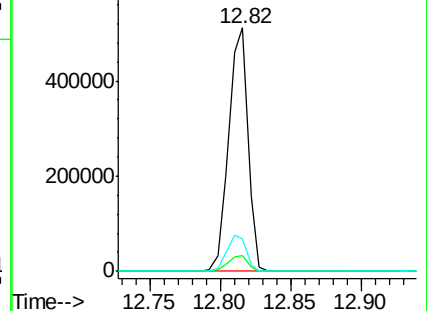
122 13.2 10.3 15.5



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: 15.27 min Scan# 2241

Delta R.T. -0.01 min

Lab File: BF096487.D

Acq: 5 Jul 2017 16:43

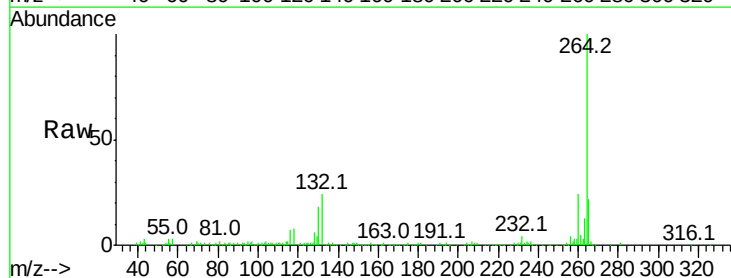
Tgt Ion:264 Resp: 149589

Ion Ratio Lower Upper

264 100

260 24.4 19.5 29.3

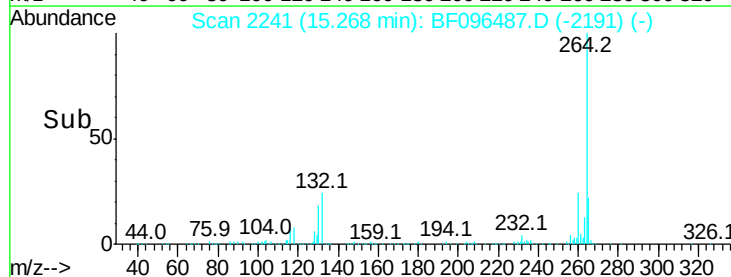
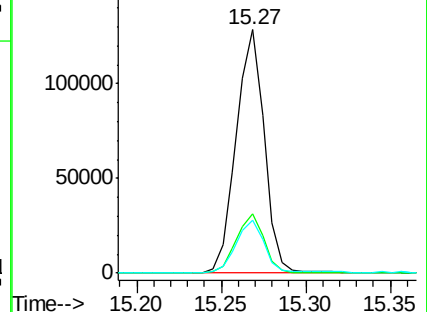
265 21.5 17.2 25.8

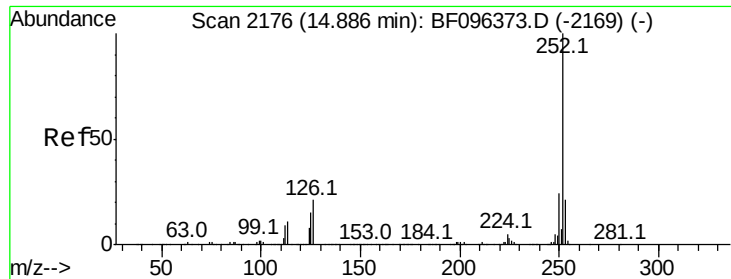


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

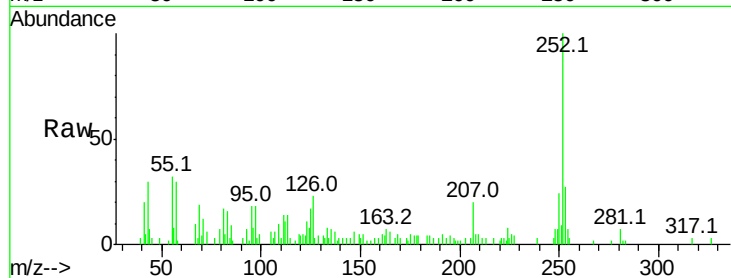




#87
 Benzo(b)fluoranthene
 Concen: 2.25 ng m
 RT: 14.87 min Scan# 2173
 Delta R.T. -0.01 min
 Lab File: BF096487.D
 Acq: 5 Jul 2017 16:43

Instrument :
 BNA_F
 ClientSampleId :
 POSTEX-52-20170622

Tot Ion:252 Resp: 21107
 Ion Ratio Lower Upper
 252 100
 253 26.6 18.1 27.1
 125 16.8 9.8 14.8#



Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 253.00 (252.70 to 253.70): E
 Ion 125.00 (124.70 to 125.70): E

