

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052517\
 Data File : BF095425.D
 Acq On : 25 May 2017 16:07
 Operator : SJ/MA
 Sample : I3345-01
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK

Quant Time: May 26 02:06:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 18 17:07:53 2017
 Response via : Initial Calibration

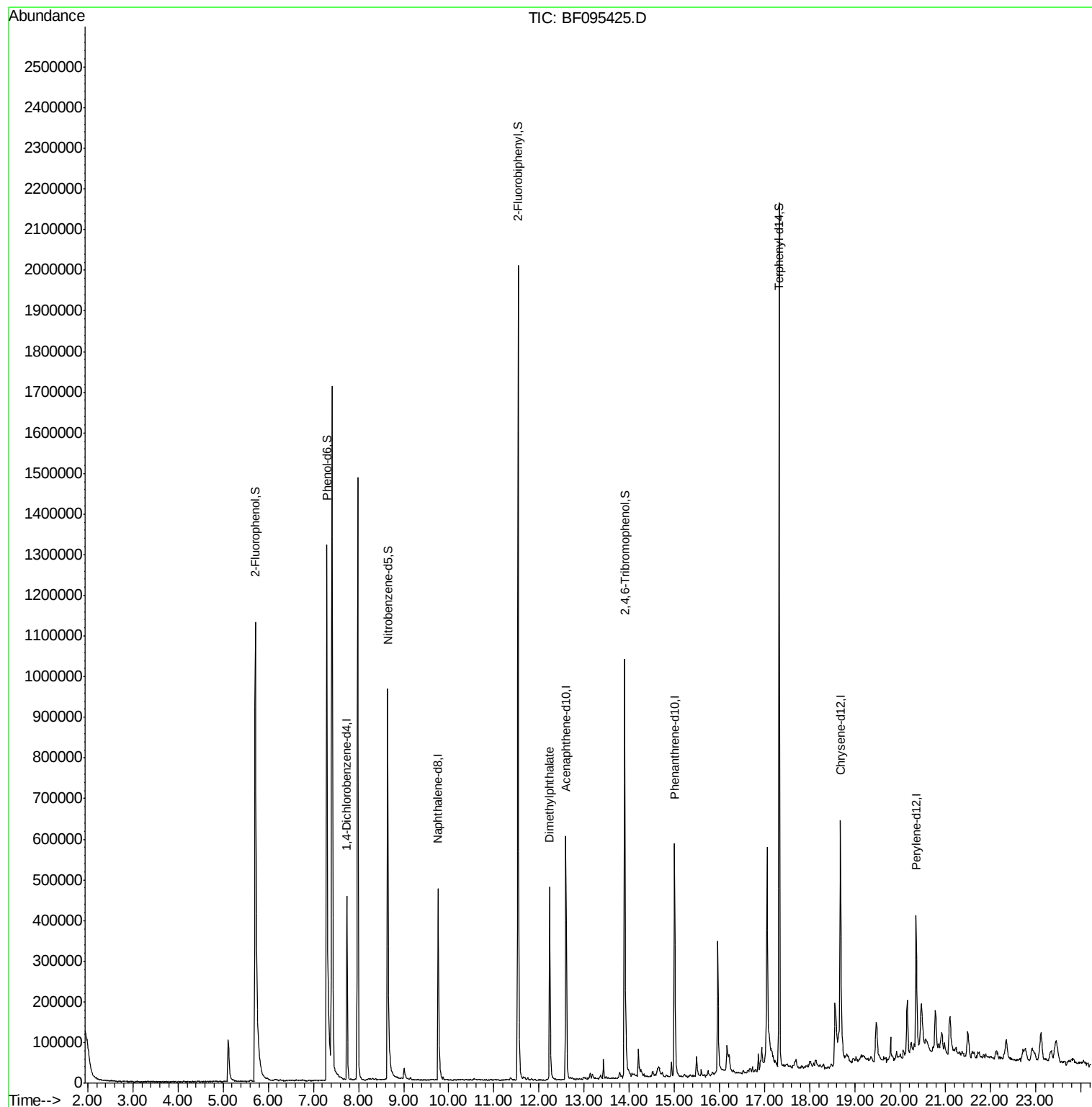
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.74	152	98580	20.00	ng	-0.02
21) Naphthalene-d8	9.77	136	394360	20.00	ng	-0.02
38) Acenaphthene-d10	12.59	164	193241	20.00	ng	-0.02
63) Phenanthrene-d10	15.00	188	352253	20.00	ng	-0.02
75) Chrysene-d12	18.68	240	278830	20.00	ng	-0.02
86) Perylene-d12	20.35	264	199305	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	808606	136.75	ng	-0.02
7) Phenol-d6	7.30	99	962340	135.65	ng	-0.02
23) Nitrobenzene-d5	8.65	82	547699	87.58	ng	-0.02
41) 2,4,6-Tribromophenol	13.90	330	213206	134.72	ng	-0.02
44) 2-Fluorobiphenyl	11.54	172	986289	73.46	ng	-0.02
78) Terphenyl-d14	17.32	244	835362	65.99	ng	-0.02
Target Compounds						
49) Dimethylphthalate	12.24	163	354357	22.34	ng	Qvalue 98

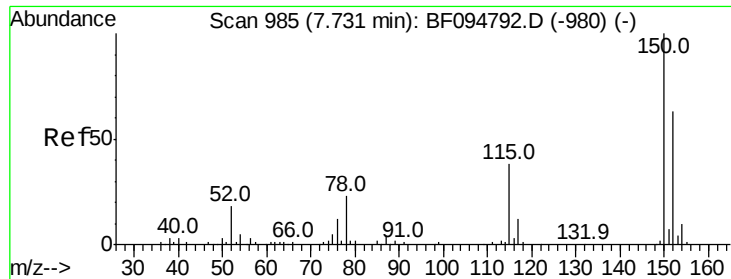
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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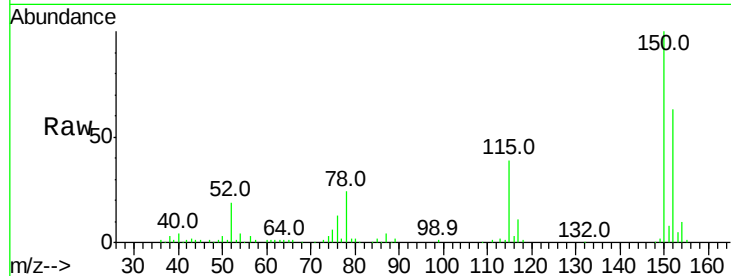


#1

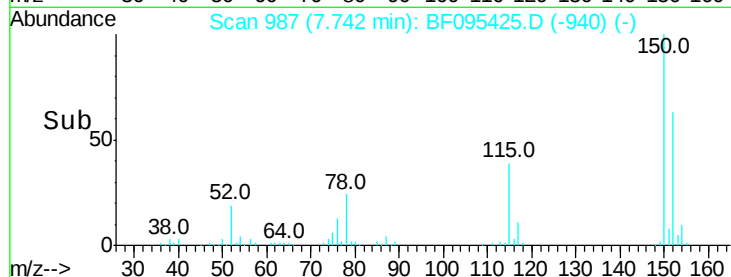
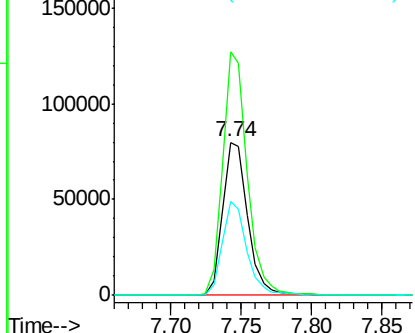
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.74 min Scan# 987
Delta R.T. -0.02 min
Lab File: BF095425.D
Acq: 25 May 2017 16:07

Instrument :
BNA_F
ClientSampleId :
DUCT-BANK

Tot Ion:152 Resp: 98580
Ion Ratio Lower Upper
152 100
150 159.2 126.2 189.2
115 61.8 52.2 78.2



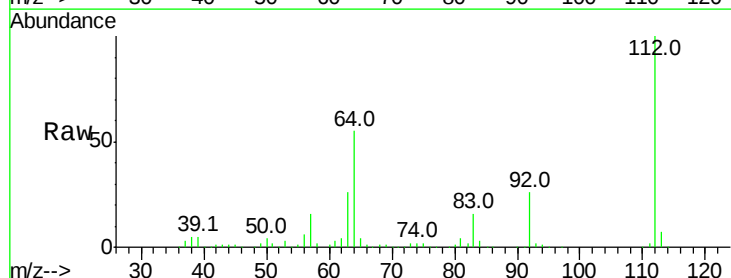
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



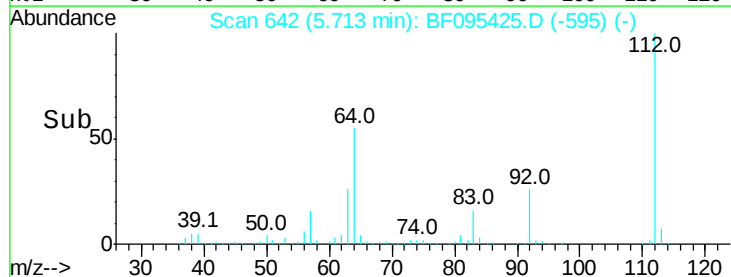
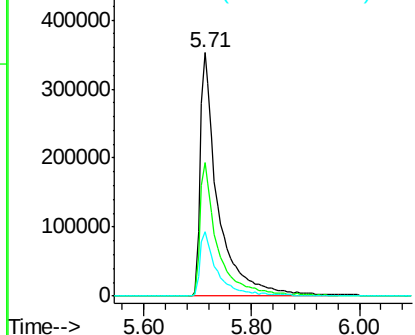
#5

2-Fluorophenol
Concen: 136.75 ng
RT: 5.71 min Scan# 642
Delta R.T. -0.02 min
Lab File: BF095425.D
Acq: 25 May 2017 16:07

Tgt Ion:112 Resp: 808606
Ion Ratio Lower Upper
112 100
64 54.9 46.0 69.0
63 26.3 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: 135.65 ng

RT: 7.30 min Scan# 911

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK

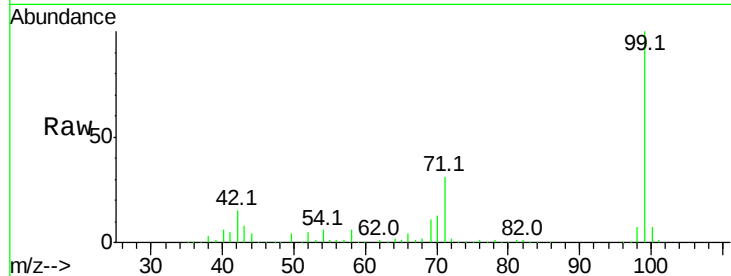
Tot Ion: 99 Resp: 962340

Ion Ratio Lower Upper

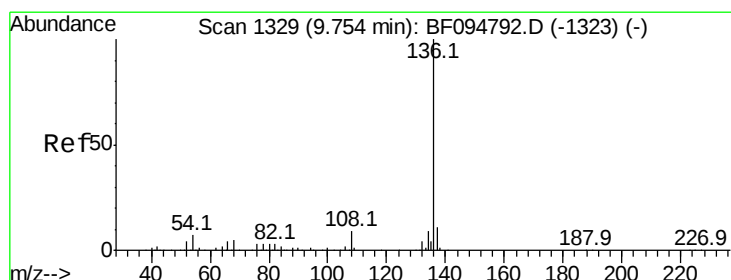
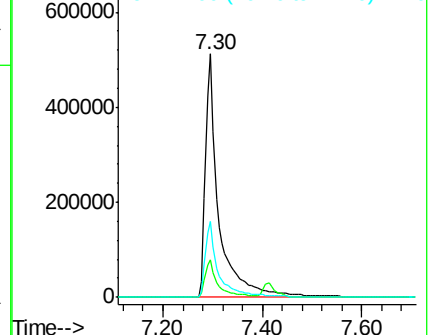
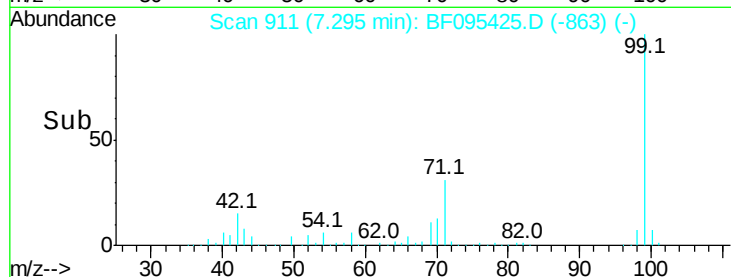
99 100

42 15.4 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: 20.00 ng

RT: 9.77 min Scan# 1331

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Tgt Ion: 136 Resp: 394360

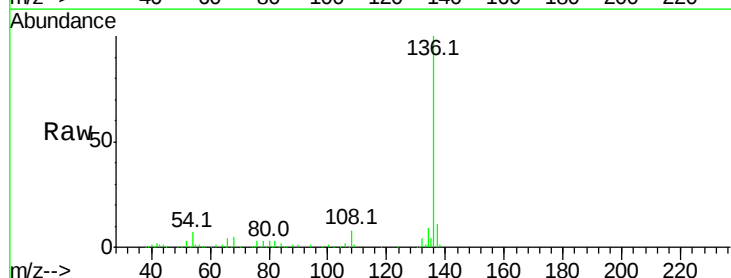
Ion Ratio Lower Upper

136 100

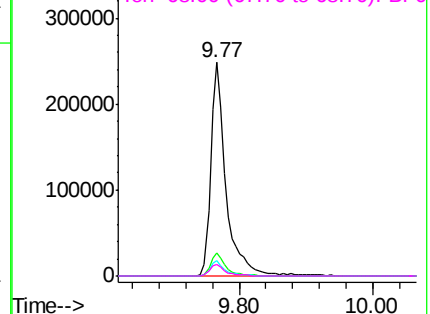
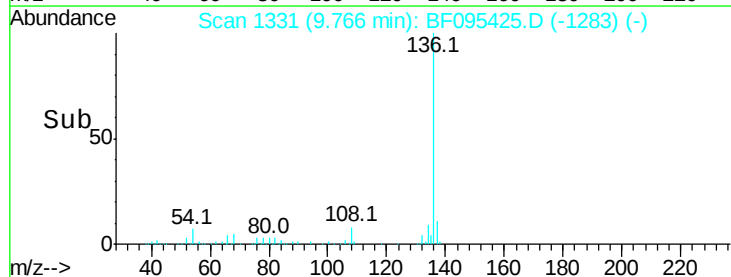
137 11.0 8.5 12.7

54 7.1 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

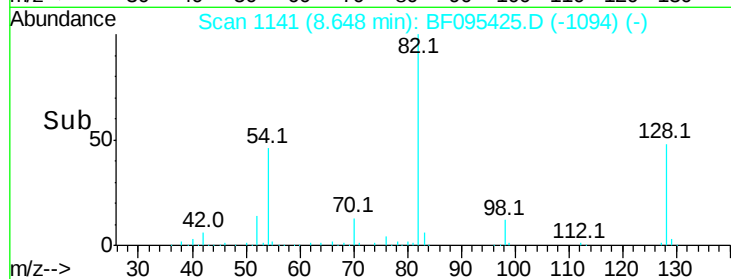
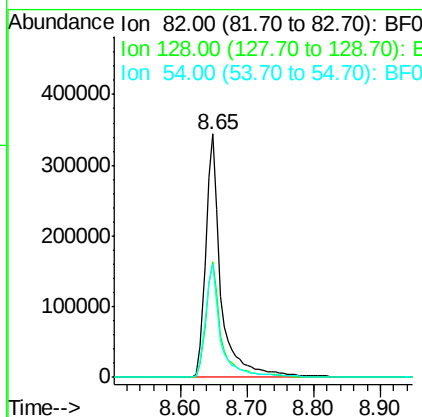
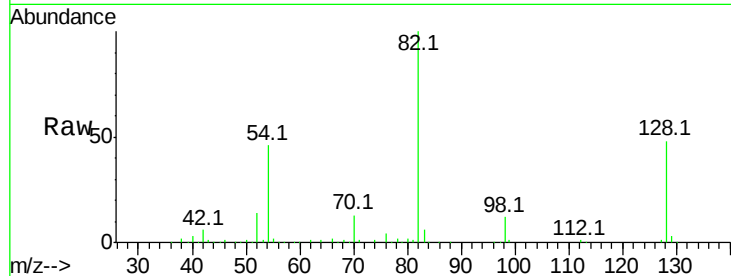




#23
 Nitrobenzene-d5
 Concen: 87.58 ng
 RT: 8.65 min Scan# 1141
 Delta R.T. -0.02 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

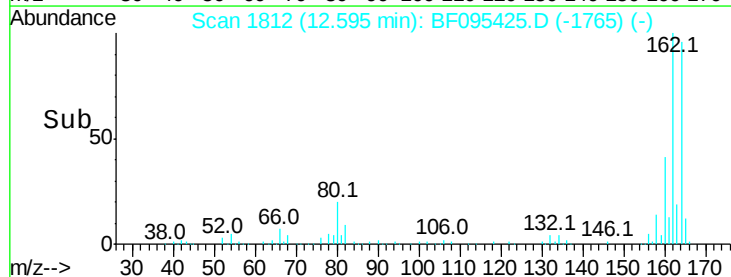
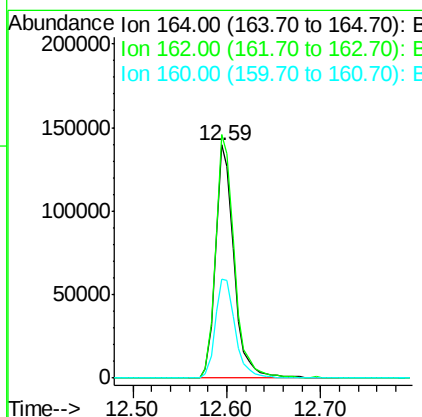
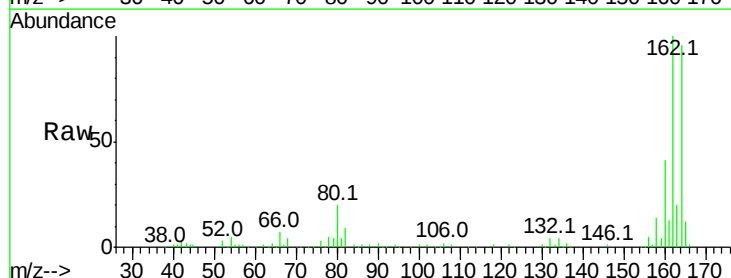
Instrument :
 BNA_F
 ClientSampled :
 DUCT-BANK

Tot Ion	82	Resp	547699
Ion Ratio	Lower	Upper	
82	100		
128	47.7	34.0	51.0
54	46.4	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 12.59 min Scan# 1812
 Delta R.T. -0.02 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

Tgt Ion	164	Resp	193241
Ion Ratio	Lower	Upper	
164	100		
162	104.6	82.6	123.8
160	42.5	36.2	54.2

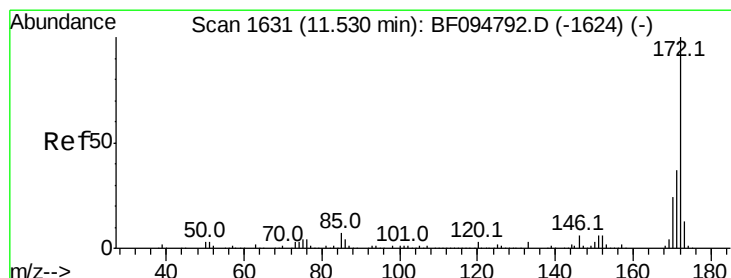
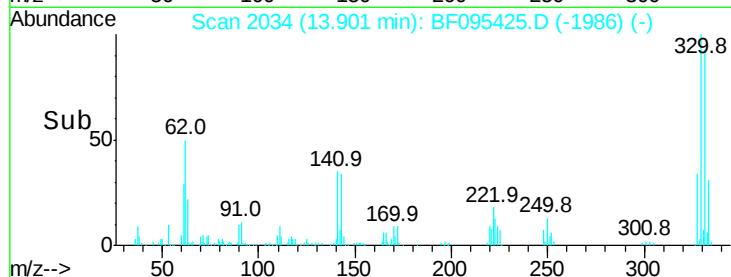
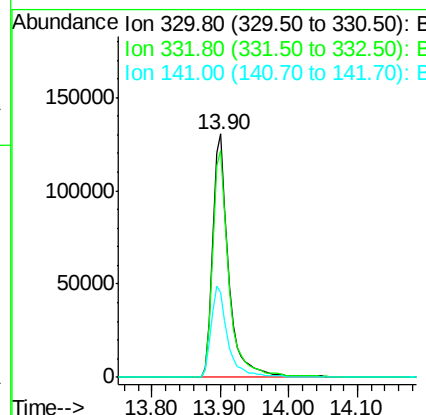
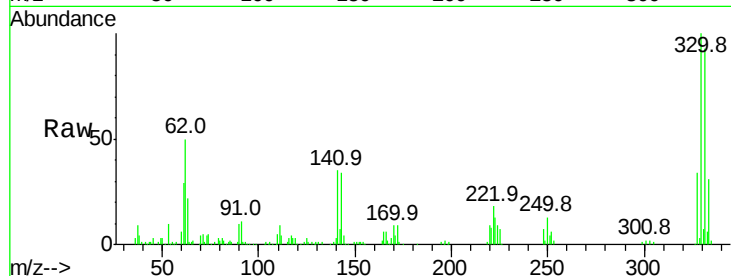




#41
 2,4,6-Tribromophenol
 Concen: 134.72 ng
 RT: 13.90 min Scan# 2034
 Delta R.T. -0.02 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

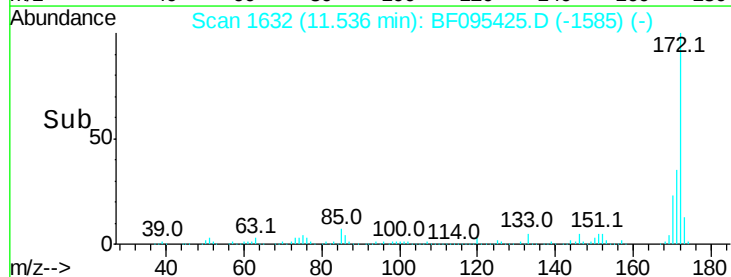
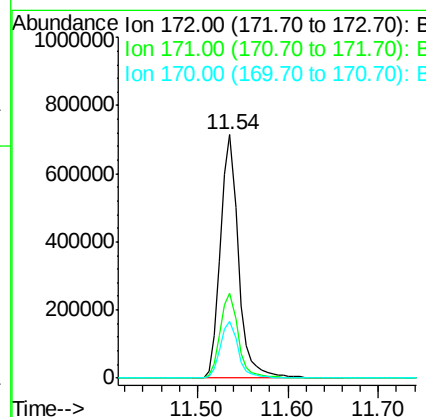
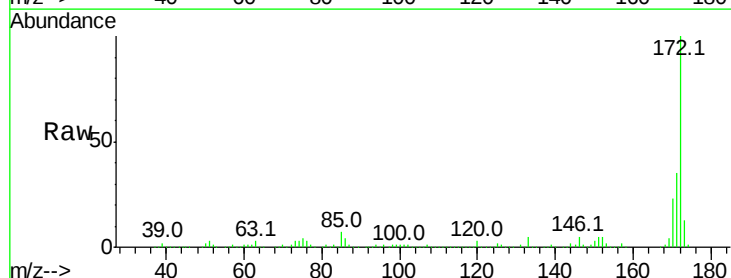
Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	39.2	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 73.46 ng
 RT: 11.54 min Scan# 1632
 Delta R.T. -0.02 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.1	29.6	44.4
170	23.2	19.8	29.8





#49

Dimethylphthalate

Concen: 22.34 ng

RT: 12.24 min Scan# 1751

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK

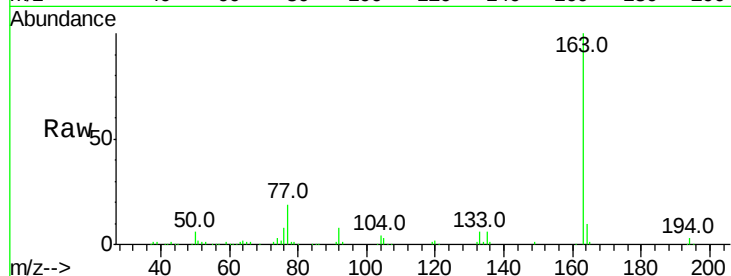
Tot Ion:163 Resp: 354357

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

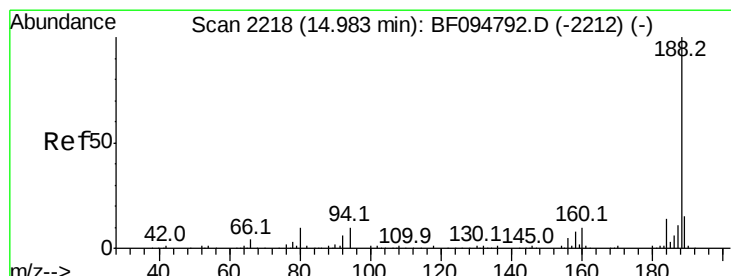
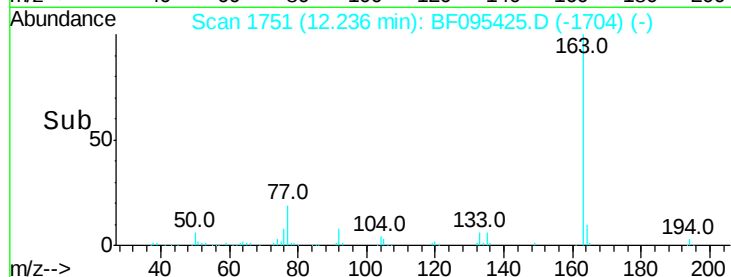
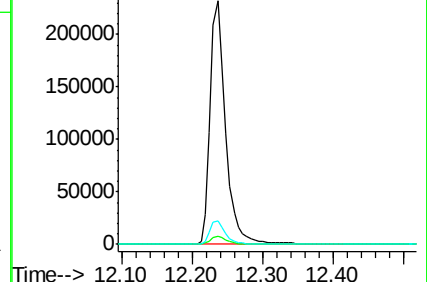
164 9.7 8.4 12.6



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: 15.00 min Scan# 2221

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

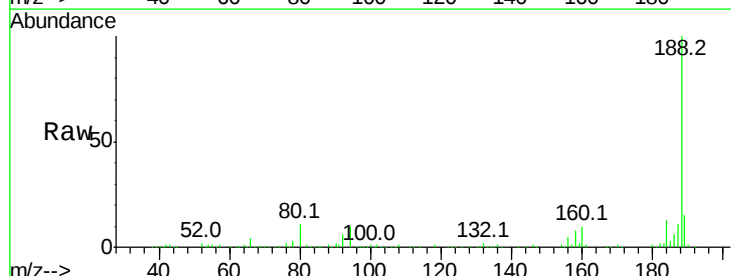
Tgt Ion:188 Resp: 352253

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

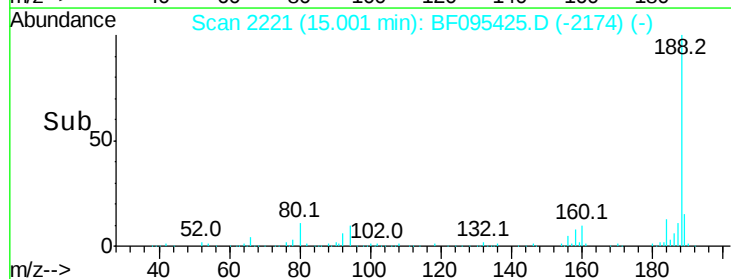
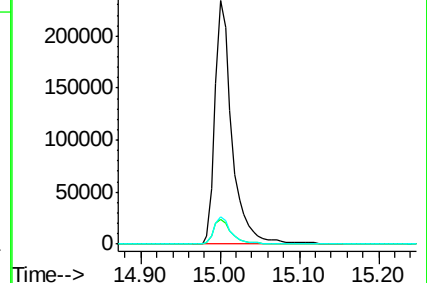
80 11.2 10.2 15.2

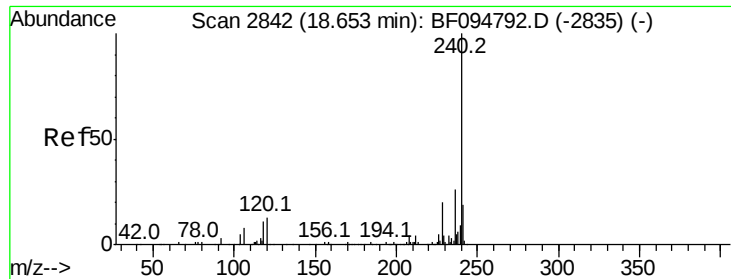


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 18.68 min Scan# 2846

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

Instrument :

BNA_F

ClientSampleId :

DUCT-BANK

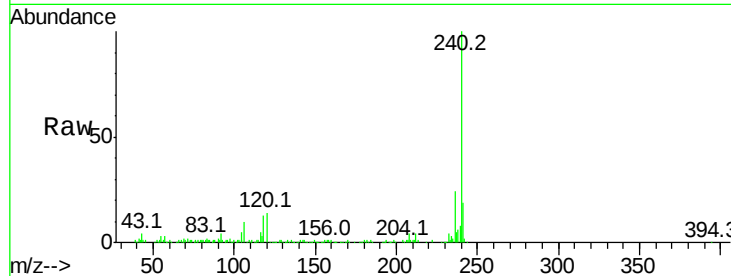
Tot Ion:240 Resp: 278830

Ion Ratio Lower Upper

240 100

120 14.3 5.8 8.8#

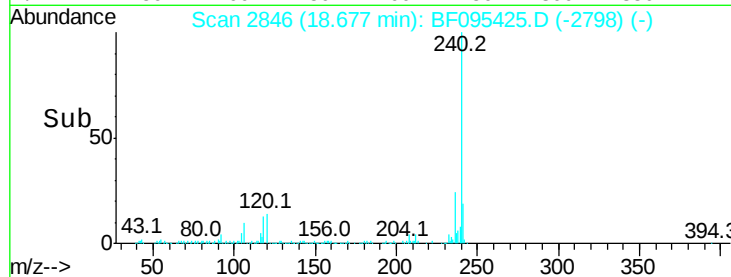
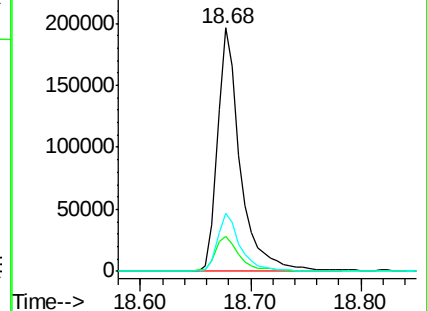
236 24.0 20.5 30.7



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: 65.99 ng

RT: 17.32 min Scan# 2616

Delta R.T. -0.02 min

Lab File: BF095425.D

Acq: 25 May 2017 16:07

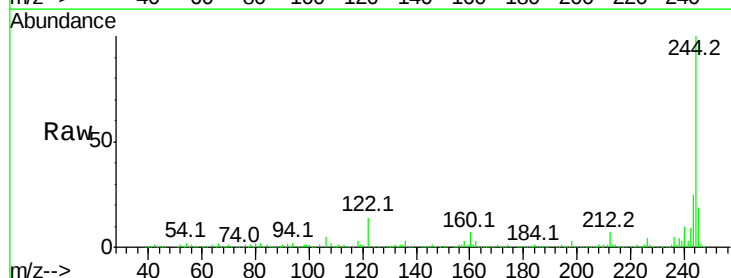
Tgt Ion:244 Resp: 835362

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

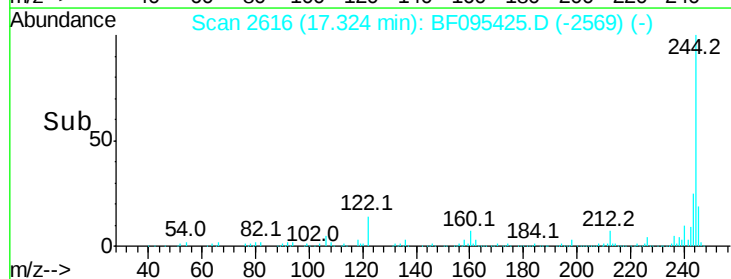
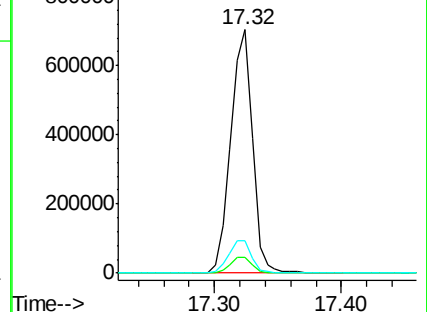
122 13.6 10.3 15.5

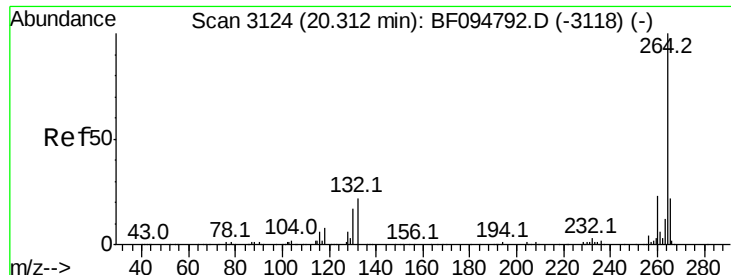


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

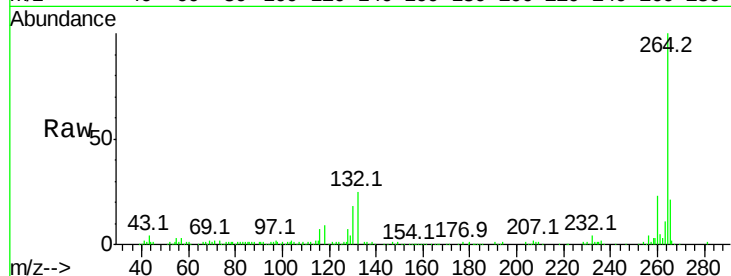




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 20.35 min Scan# 3131
 Delta R.T. -0.01 min
 Lab File: BF095425.D
 Acq: 25 May 2017 16:07

Instrument :
 BNA_F
 ClientSampleId :
 DUCT-BANK

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.7	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

