

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
 Data File : BF097884.D
 Acq On : 19 Aug 2017 17:43
 Operator : SJ/JU
 Sample : I4846-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Quant Time: Aug 21 04:39:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

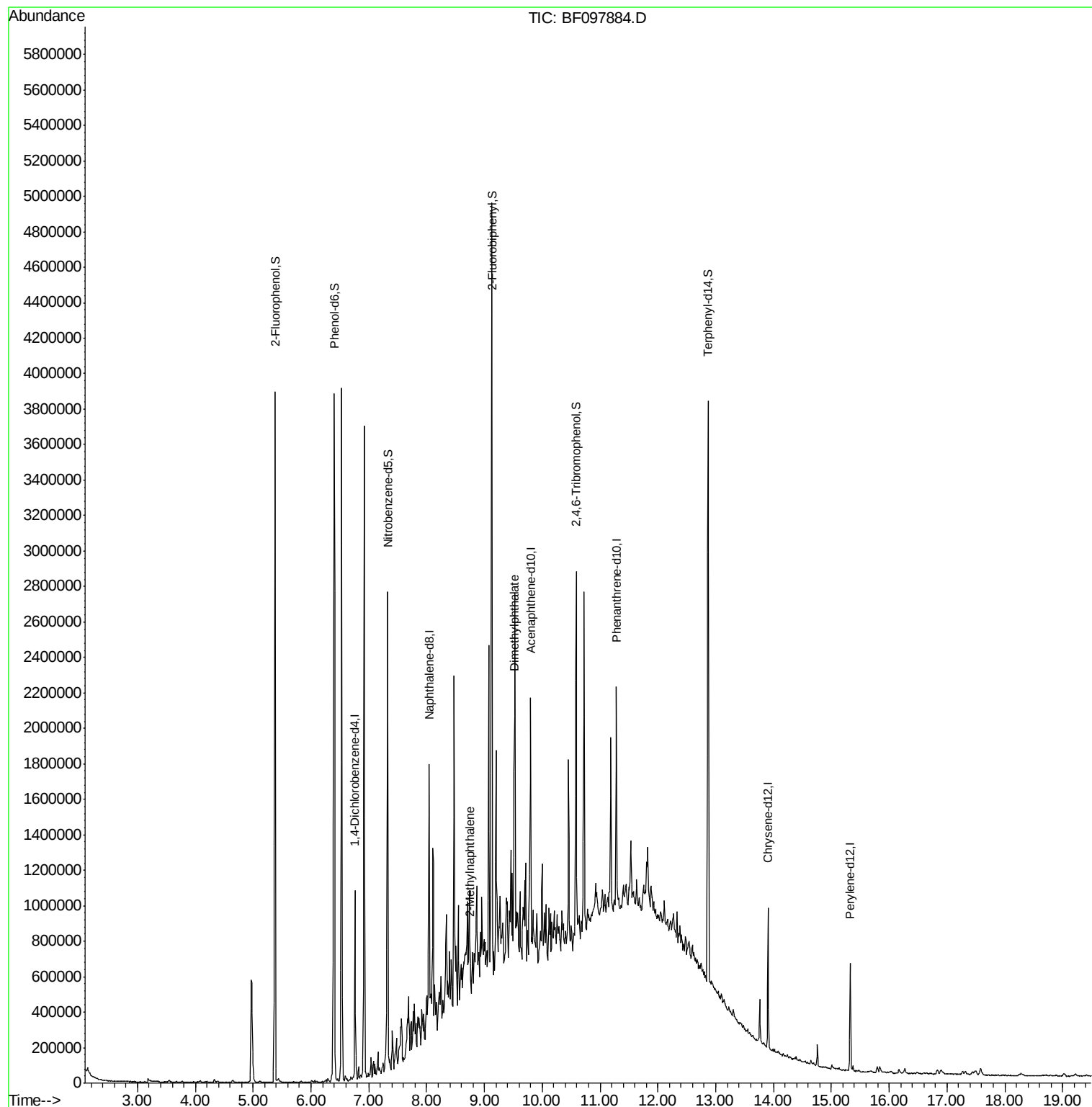
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	137037	20.00	ng	-0.02
21) Naphthalene-d8	8.05	136	551409	20.00	ng	-0.02
38) Acenaphthene-d10	9.80	164	248446	20.00	ng	-0.02
63) Phenanthrene-d10	11.28	188	432298	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	274793	20.00	ng	-0.04
86) Perylene-d12	15.33	264	250966	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	1387248	153.98	ng	0.00
7) Phenol-d6	6.40	99	1917760	156.67	ng	0.00
23) Nitrobenzene-d5	7.33	82	1249702	123.12	ng	-0.02
41) 2,4,6-Tribromophenol	10.59	330	358043	166.09	ng	-0.02
44) 2-Fluorobiphenyl	9.13	172	1675215	99.07	ng	-0.02
78) Terphenyl-d14	12.87	244	1218090	92.44	ng	-0.02
Target Compounds						
37) 2-Methylnaphthalene	8.76	142	50634	2.885	ng	# 91
49) Dimethylphthalate	9.52	163	288823	15.904	ng	# 99

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

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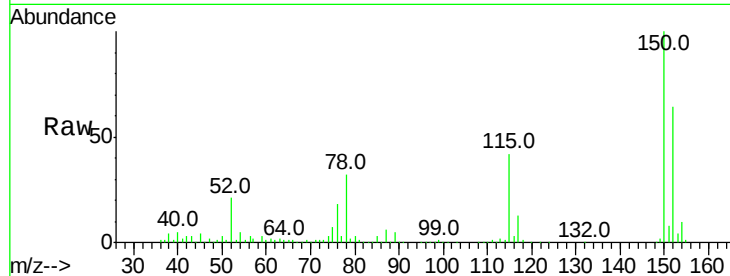


#1

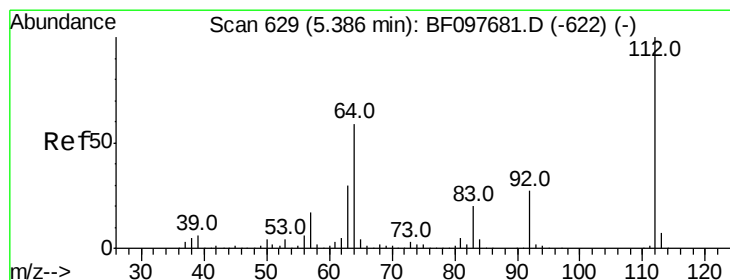
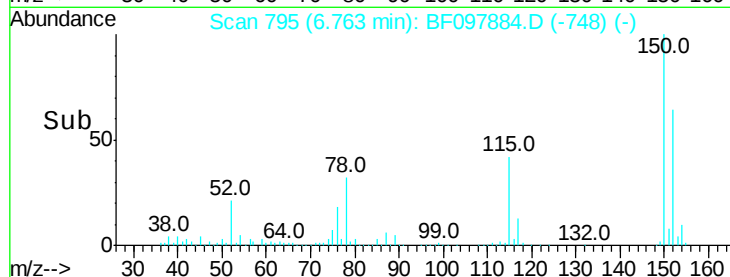
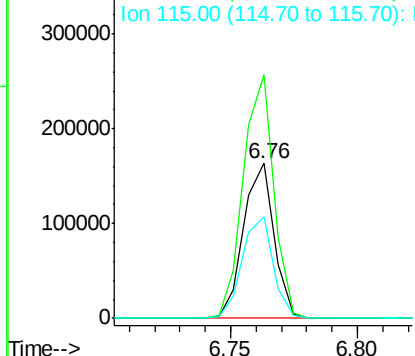
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.76 min Scan# 795
Delta R.T. -0.02 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :
DUP-01

Tot Ion:152 Resp: 137037
Ion Ratio Lower Upper
152 100
150 157.1 126.2 189.2
115 65.3 52.2 78.2



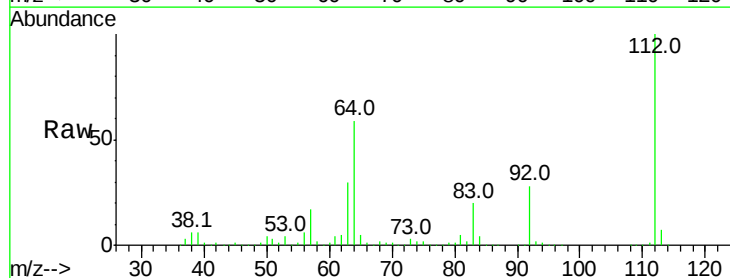
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



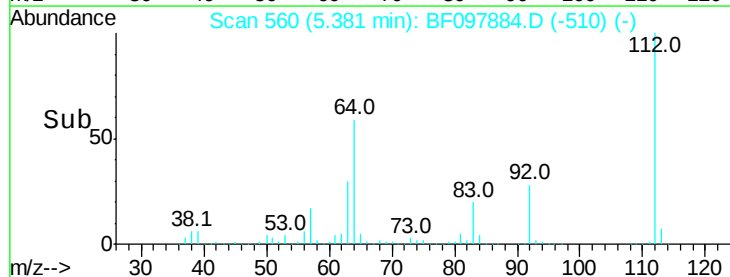
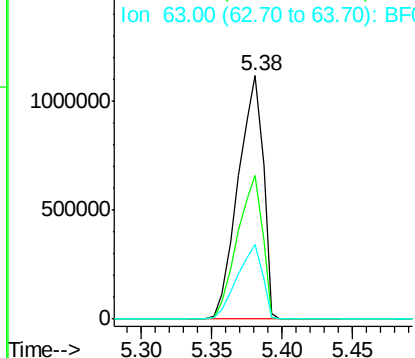
#5

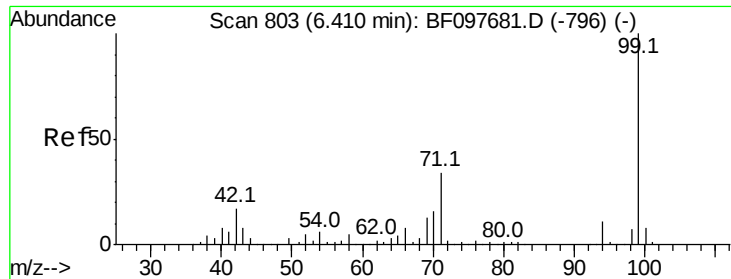
2-Fluorophenol
Concen: 153.981 ng
RT: 5.38 min Scan# 560
Delta R.T. -0.01 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Tgt Ion:112 Resp: 1387248
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 30.5 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: 156.668 ng

RT: 6.40 min Scan# 734

Delta R.T. -0.01 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Instrument :

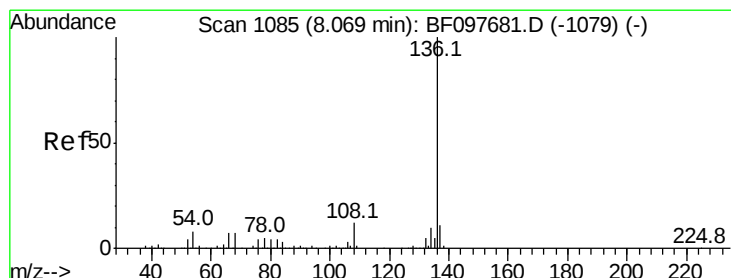
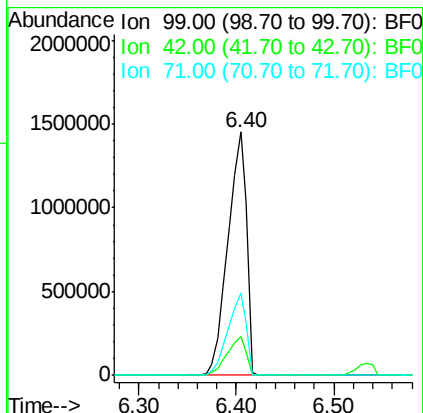
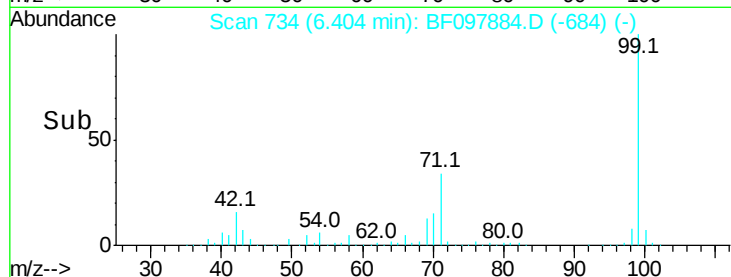
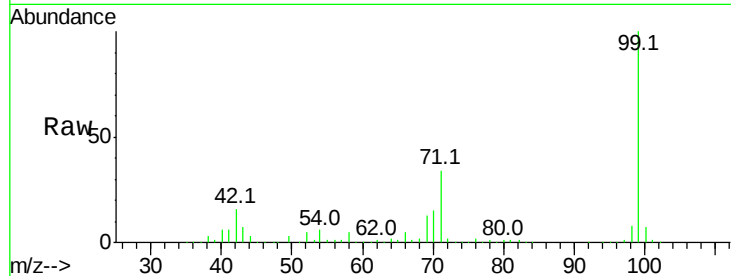
BNA_F

ClientSampleId :

DUP-01

Tot Ion: 99 Resp: 1917760

Ion	Ratio	Lower	Upper
99	100		
42	15.9	13.5	20.3
71	34.0	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1013

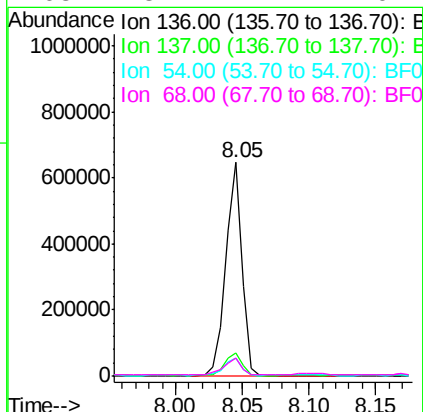
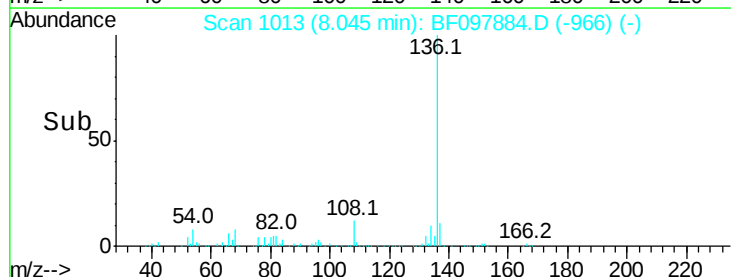
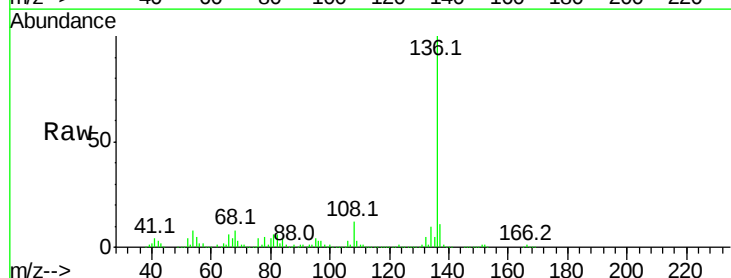
Delta R.T. -0.02 min

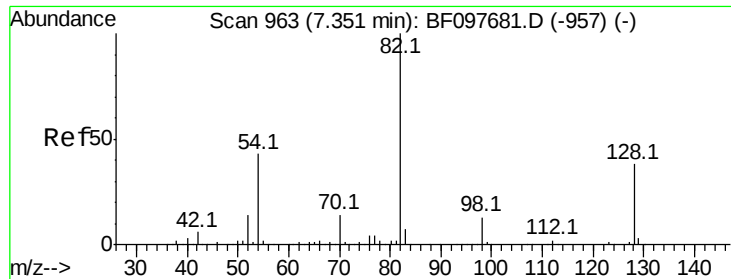
Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Tgt Ion: 136 Resp: 551409

Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	8.4	4.9	7.3#
68	8.1	4.1	6.1#

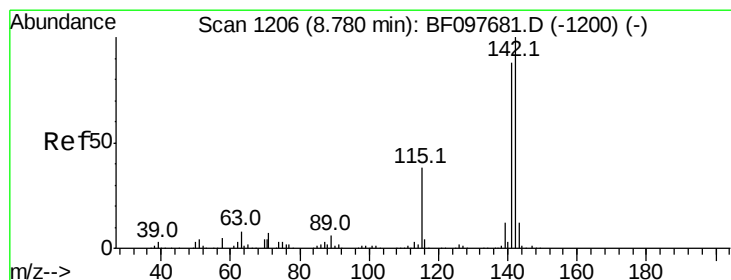
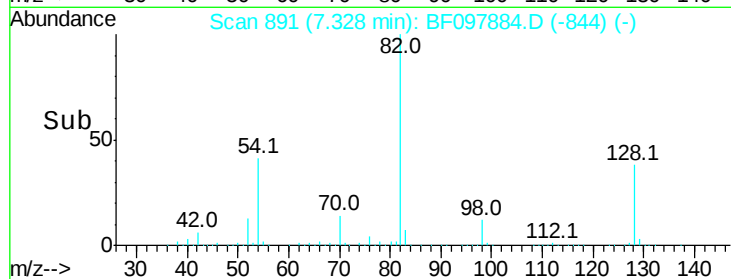
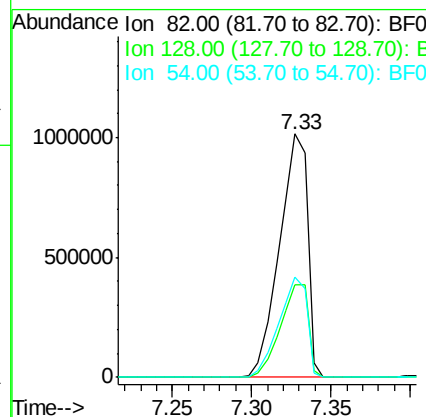
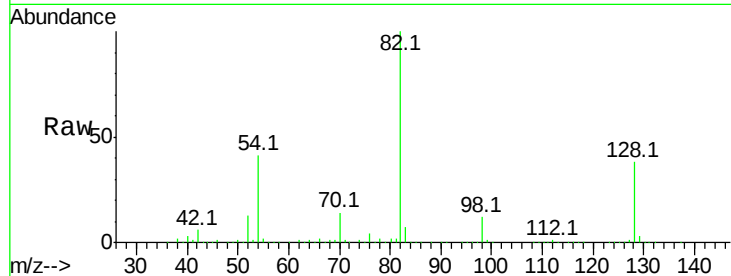




#23
 Nitrobenzene-d5
 Concen: 123.120 ng
 RT: 7.33 min Scan# 891
 Delta R.T. -0.02 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

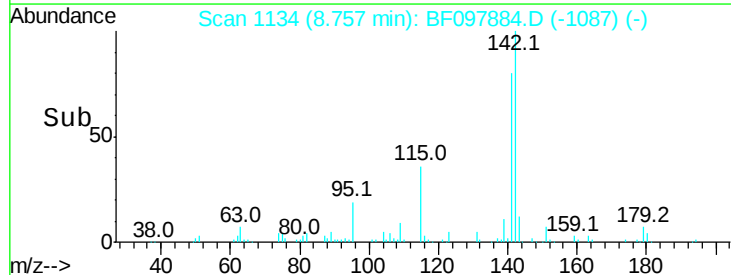
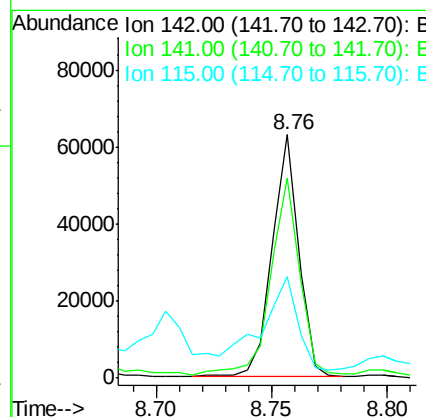
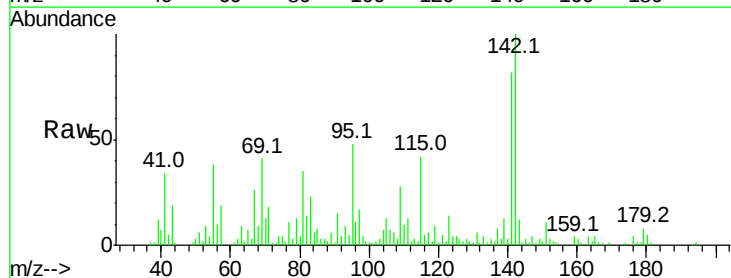
Instrument :
 BNA_F
 ClientSampleID :
 DUP-01

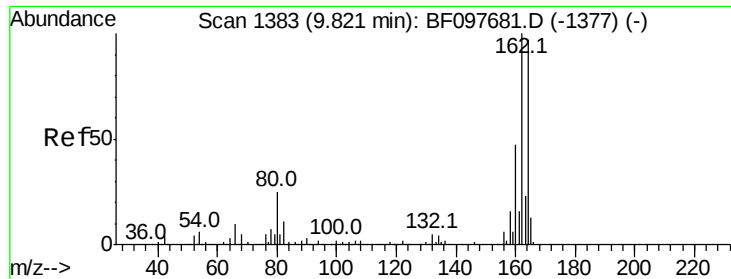
Tot Ion: 82 Resp: 1249702
 Ion Ratio Lower Upper
 82 100
 128 38.0 34.0 51.0
 54 41.3 42.2 63.2#



#37
 2-Methylnaphthalene
 Concen: 2.885 ng
 RT: 8.76 min Scan# 1134
 Delta R.T. -0.02 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

Tgt Ion:142 Resp: 50634
 Ion Ratio Lower Upper
 142 100
 141 82.3 71.3 106.9
 115 41.9 27.1 40.7#





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.02 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

DUP-01

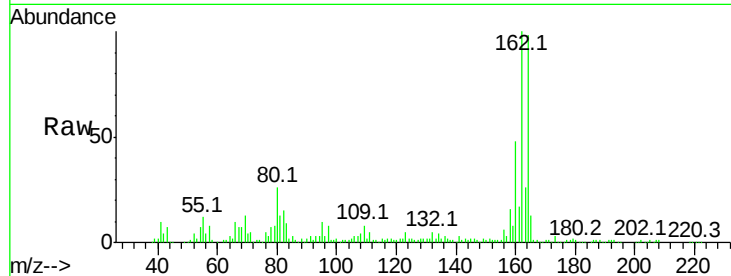
Tot Ion:164 Resp: 248446

Ion Ratio Lower Upper

164 100

162 102.1 82.6 123.8

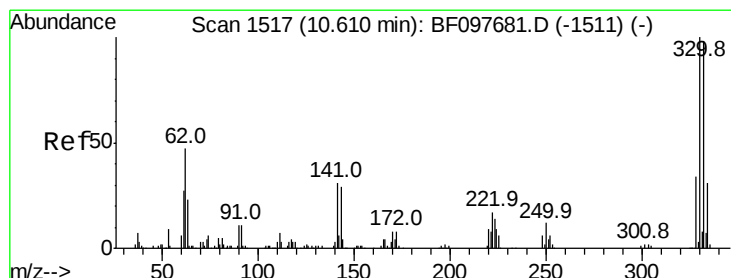
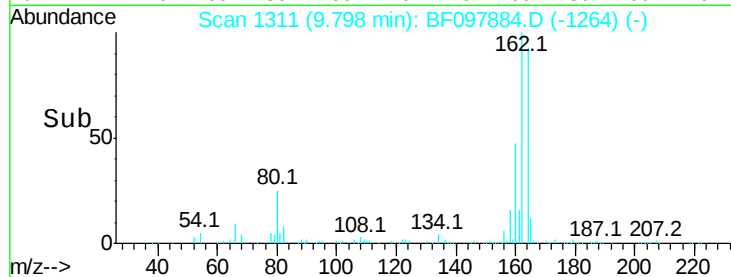
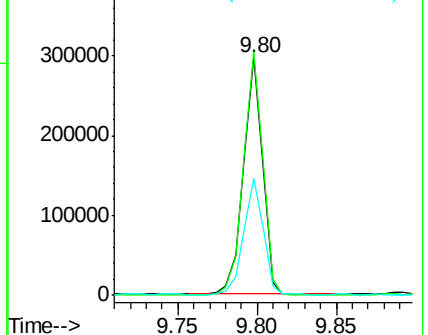
160 48.8 36.2 54.2



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: 166.093 ng

RT: 10.59 min Scan# 1446

Delta R.T. -0.02 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

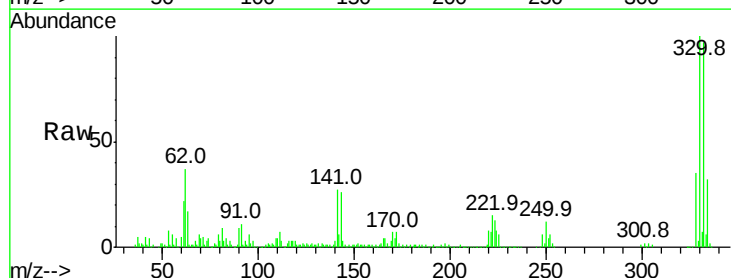
Tgt Ion:330 Resp: 358043

Ion Ratio Lower Upper

330 100

332 97.2 76.6 115.0

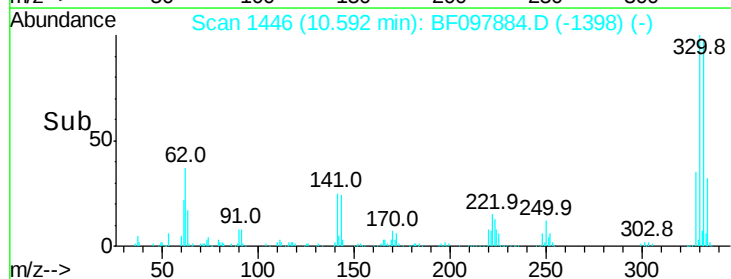
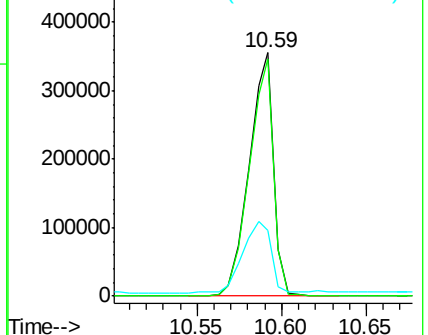
141 34.8 31.4 47.2

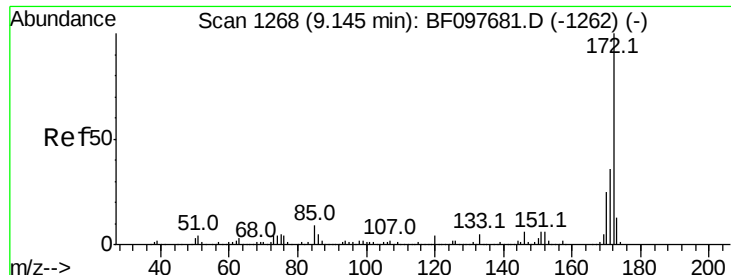


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



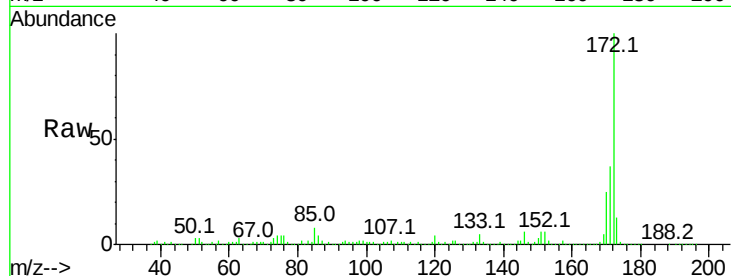


#44
 2-Fluorobiphenyl
 Concen: 99.065 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.02 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

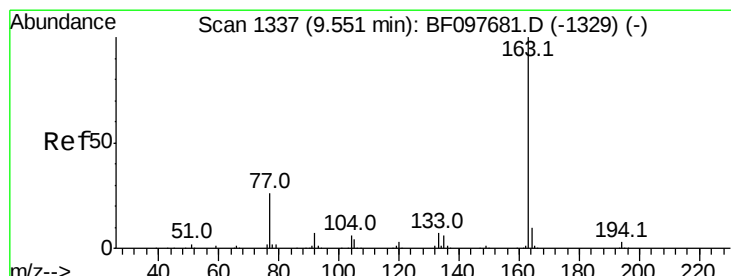
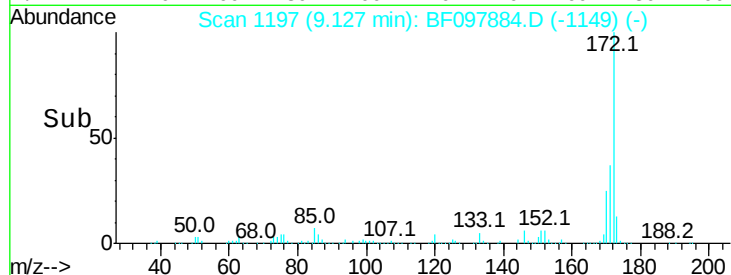
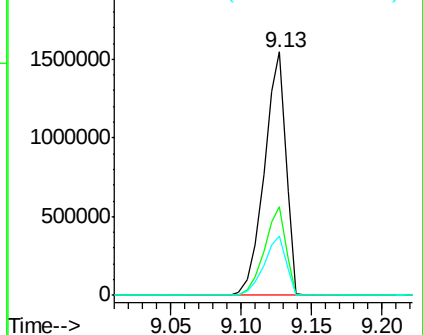
Instrument :
 BNA_F
 ClientSampleId :
 DUP-01

Tot Ion:172 Resp: 1675215

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.6	44.4
170	24.6	19.8	29.8



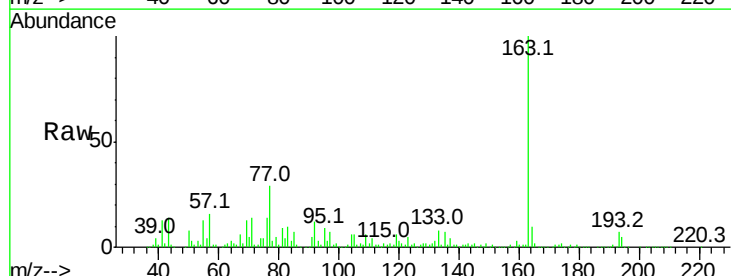
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



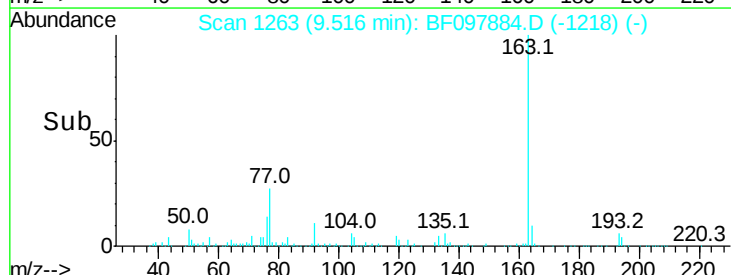
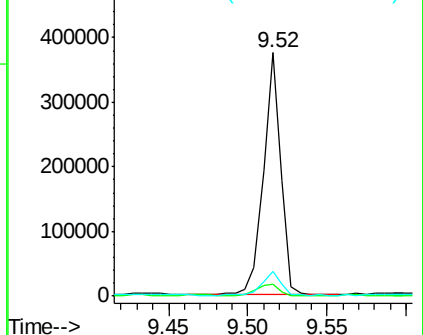
#49
 Dimethylphthalate
 Concen: 15.904 ng
 RT: 9.52 min Scan# 1263
 Delta R.T. -0.04 min
 Lab File: BF097884.D
 Acq: 19 Aug 2017 17:43

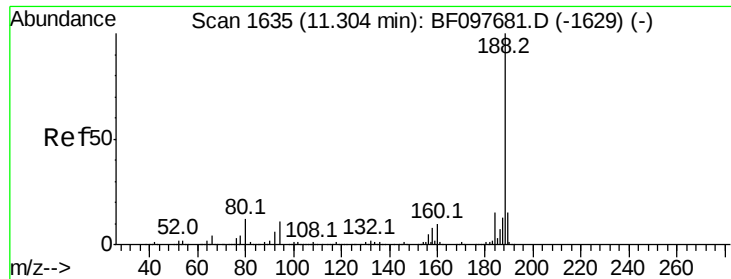
Tgt Ion:163 Resp: 288823

Ion	Ratio	Lower	Upper
163	100		
194	4.7	2.6	4.0#
164	10.4	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

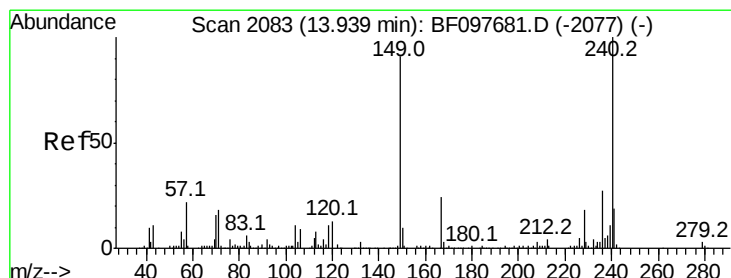
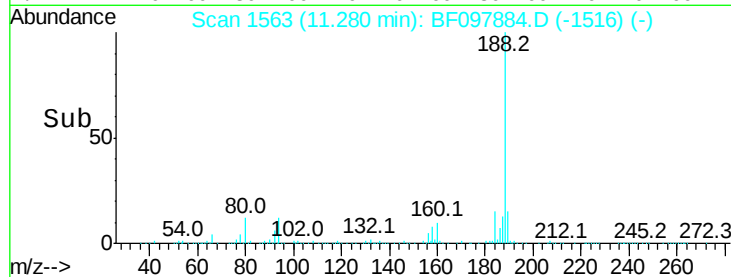
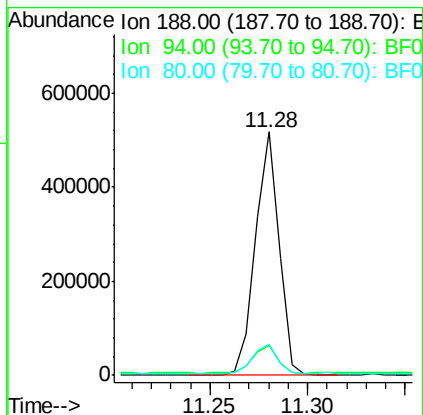
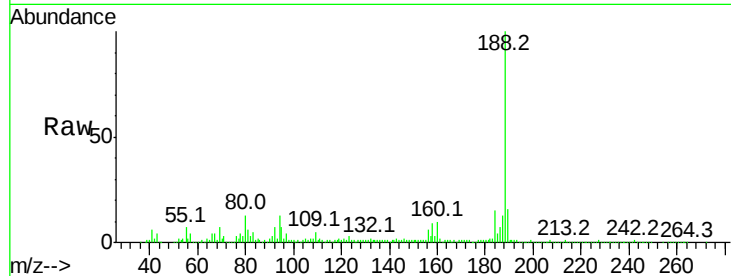




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.02 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

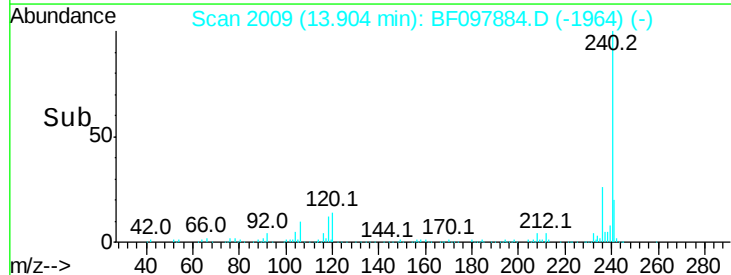
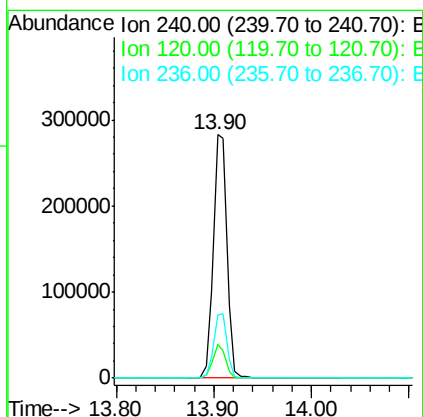
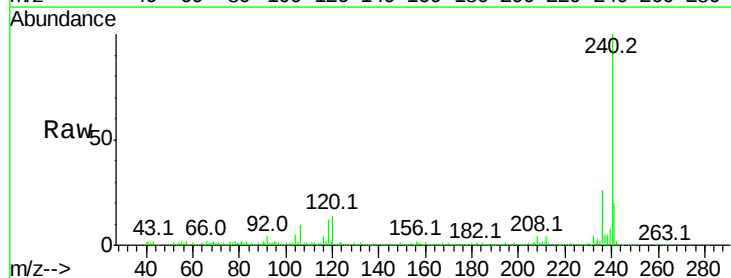
Instrument :
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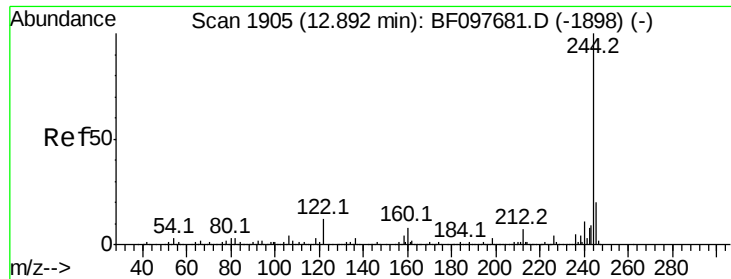
Tot Ion:188 Resp: 432298
Ion Ratio Lower Upper
188 100
94 12.5 9.4 14.2
80 12.7 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.90 min Scan# 2009
Delta R.T. -0.04 min
Lab File: BF097884.D
Acq: 19 Aug 2017 17:43

Tgt Ion:240 Resp: 274793
Ion Ratio Lower Upper
240 100
120 14.0 5.8 8.8#
236 26.1 20.5 30.7





#78

Terphenyl-d14

Concen: 92.438 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.02 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Instrument :

BNA_F

ClientSampled :

DUP-01

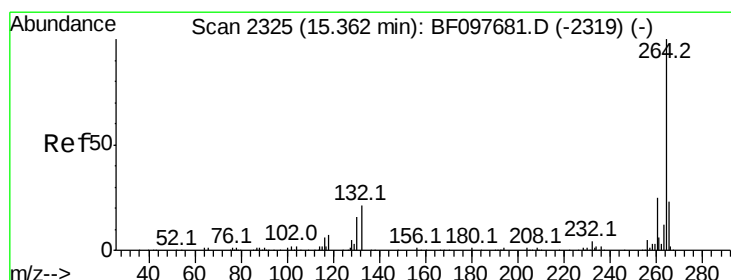
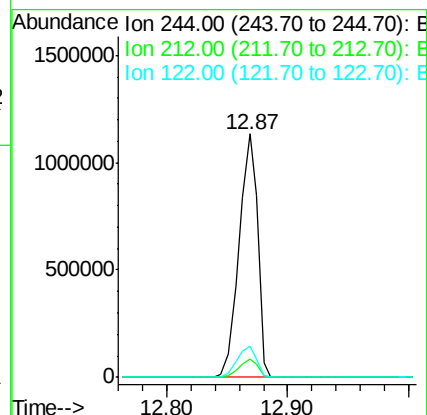
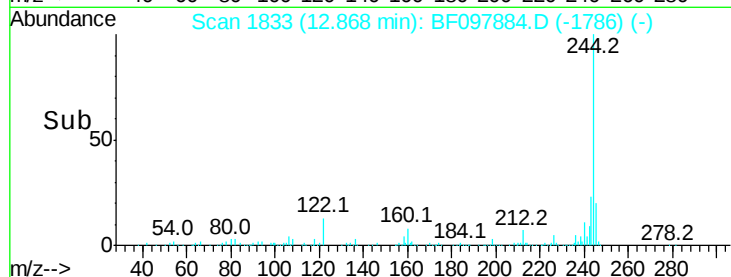
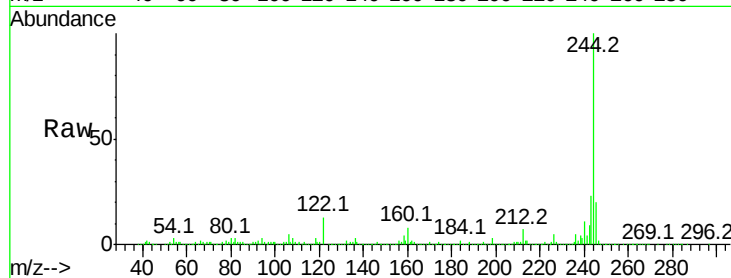
Tot Ion:244 Resp: 1218090

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

122 12.7 10.3 15.5



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2251

Delta R.T. -0.04 min

Lab File: BF097884.D

Acq: 19 Aug 2017 17:43

Tgt Ion:264 Resp: 250966

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.7 17.2 25.8

