

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080417\
 Data File : BF097365.D
 Acq On : 4 Aug 2017 19:39
 Operator : SJ/JU
 Sample : I4562-04 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-B

Quant Time: Aug 05 00:19:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 04 01:17:22 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.44	152	113346	20.00	ng	-0.06
21) Naphthalene-d8	7.72	136	491628	20.00	ng	-0.06
38) Acenaphthene-d10	9.46	164	205854	20.00	ng	-0.07
63) Phenanthrene-d10	10.93	188	281533	20.00	ng	-0.07
75) Chrysene-d12	13.55	240	204354	20.00	ng	-0.08
86) Perylene-d12	14.89	264	169182	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.04	112	177732	23.64	ng	-0.06
7) Phenol-d6	6.12	99	213768	24.90	ng	-0.05
23) Nitrobenzene-d5	7.01	82	116638	13.92	ng	-0.06
41) 2,4,6-Tribromophenol	10.25	330	27342	16.81	ng	-0.07
44) 2-Fluorobiphenyl	8.80	172	217679	17.95	ng	-0.07
78) Terphenyl-d14	12.51	244	124898	12.46	ng	-0.08

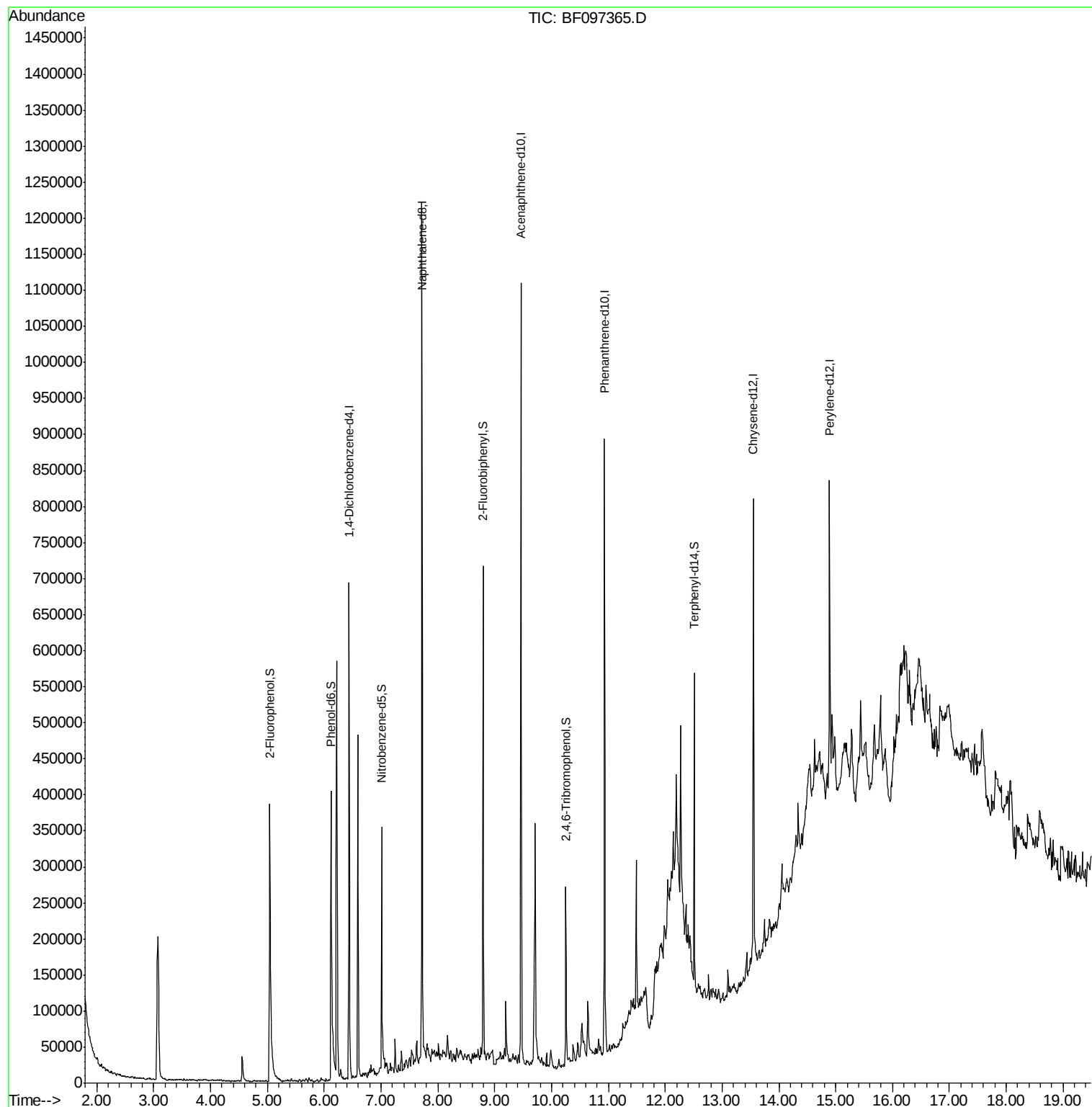
Target Compounds Qvalue

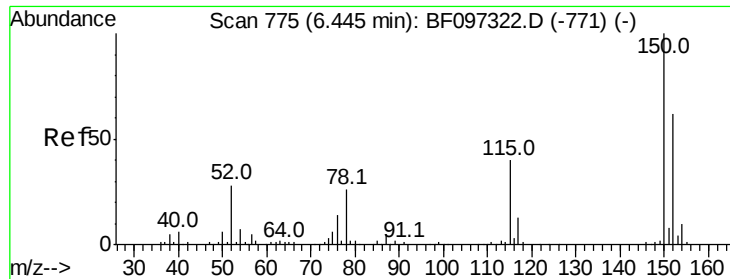
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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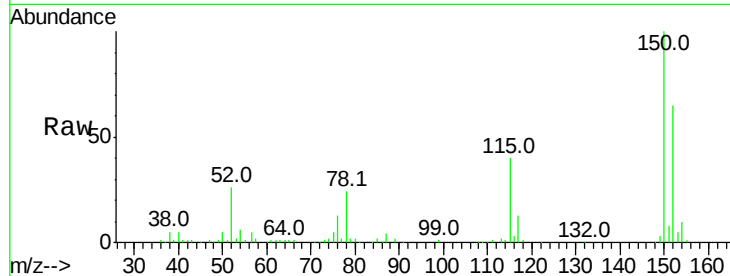


#1

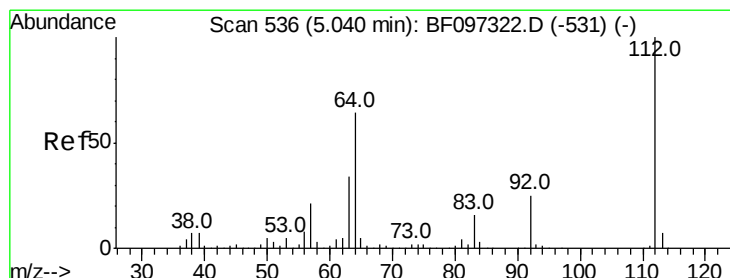
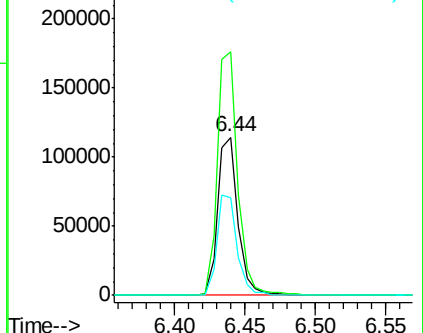
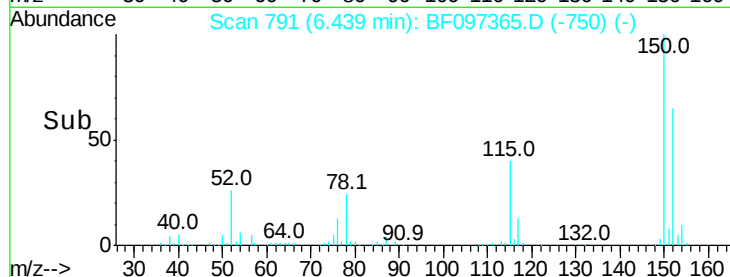
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.44 min Scan# 791
Delta R.T. -0.06 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Instrument :
BNA_F
ClientSampleId :
JC-02-080117-B

Tot Ion:152 Resp: 113346
Ion Ratio Lower Upper
152 100
150 153.8 126.2 189.2
115 61.6 52.2 78.2



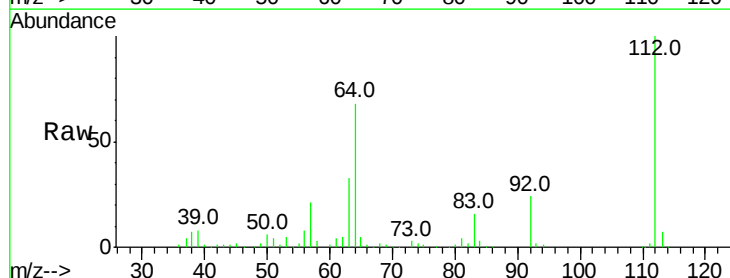
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



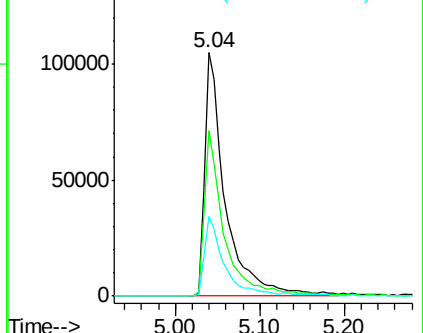
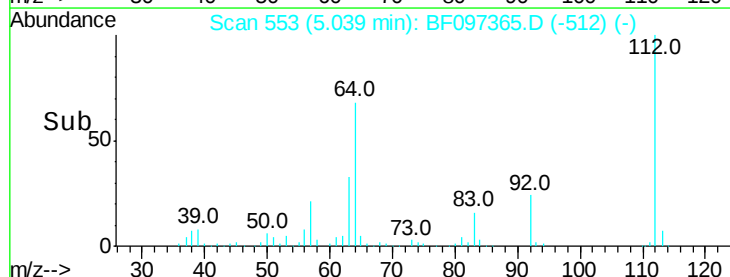
#5

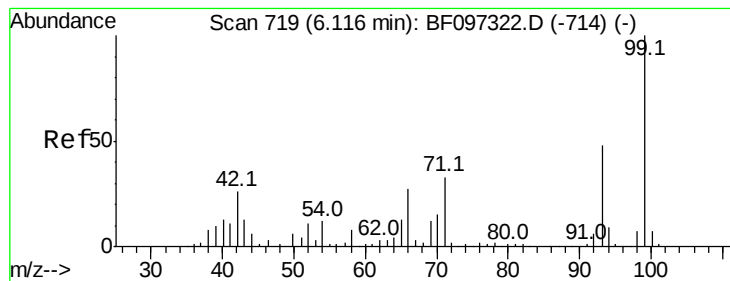
2-Fluorophenol
Concen: 23.638 ng
RT: 5.04 min Scan# 553
Delta R.T. -0.06 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion:112 Resp: 177732
Ion Ratio Lower Upper
112 100
64 68.0 46.0 69.0
63 32.9 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: 24.904 ng

RT: 6.12 min Scan# 736

Delta R.T. -0.05 min

Lab File: BF097365.D

Acq: 4 Aug 2017 19:39

Instrument :

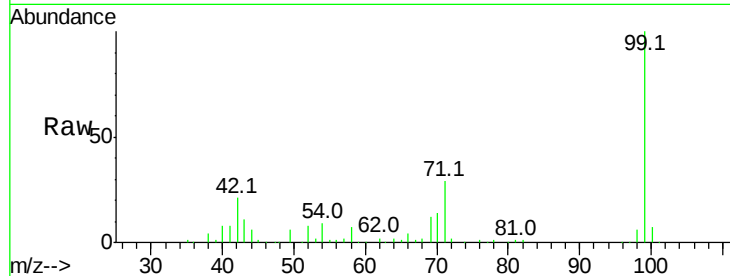
BNA_F

ClientSampleId :

JC-02-080117-B

Tot Ion: 99 Resp: 213768

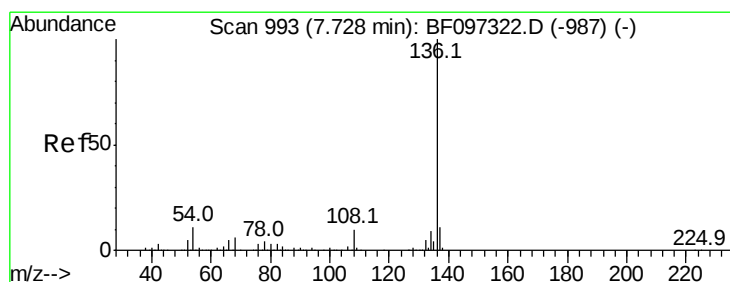
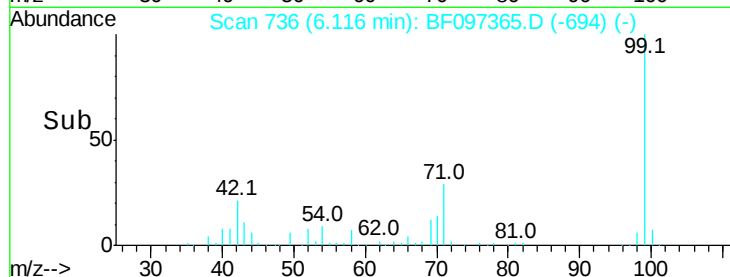
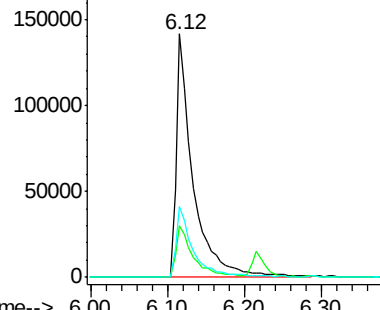
Ion	Ratio	Lower	Upper
99	100		
42	21.3	13.5	20.3#
71	29.0	24.5	36.7



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: 20.000 ng

RT: 7.72 min Scan# 1009

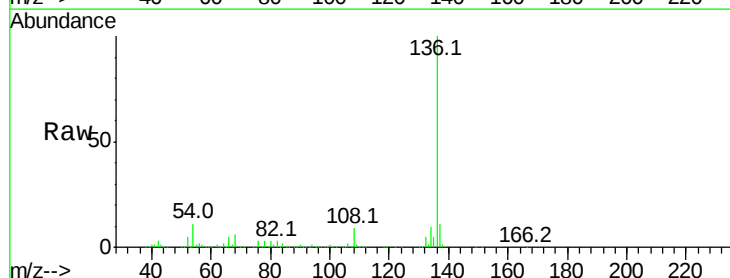
Delta R.T. -0.06 min

Lab File: BF097365.D

Acq: 4 Aug 2017 19:39

Tgt Ion: 136 Resp: 491628

Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	10.7	4.9	7.3#
68	5.5	4.1	6.1

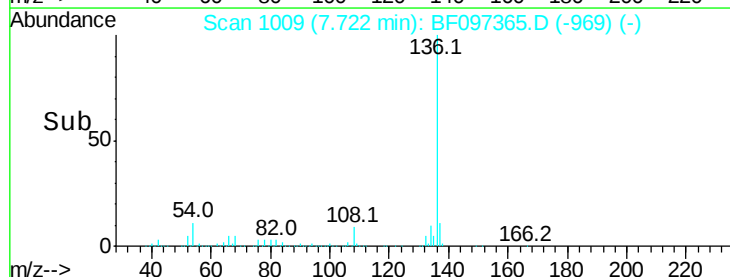
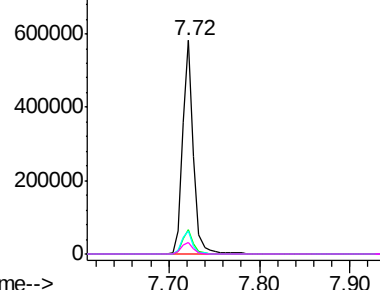


Abundance Ion 136.00 (135.70 to 136.70): E

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

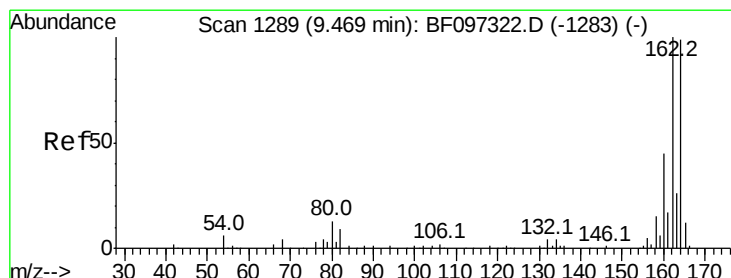
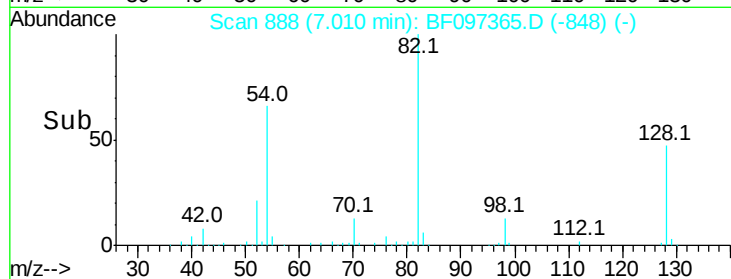
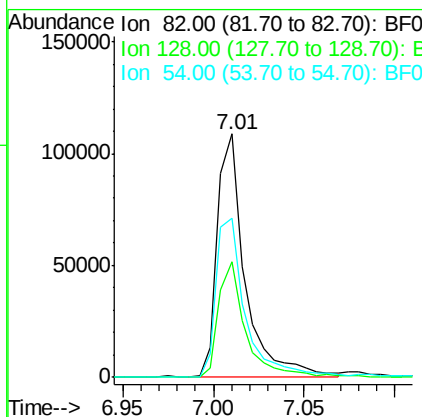
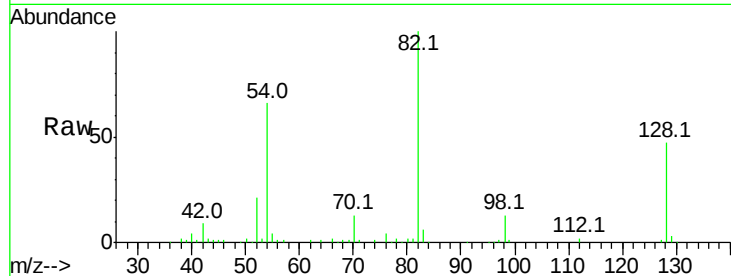




#23
 Nitrobenzene-d5
 Concen: 13.918 ng
 RT: 7.01 min Scan# 888
 Delta R.T. -0.06 min
 Lab File: BF097365.D
 Acq: 4 Aug 2017 19:39

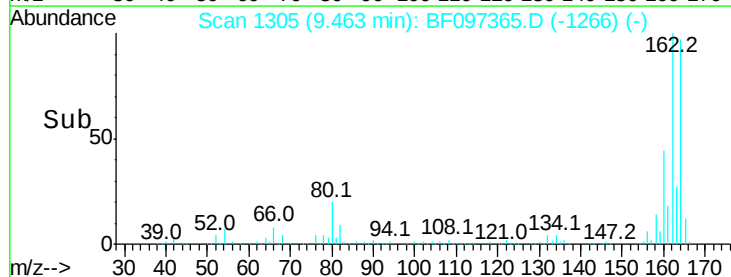
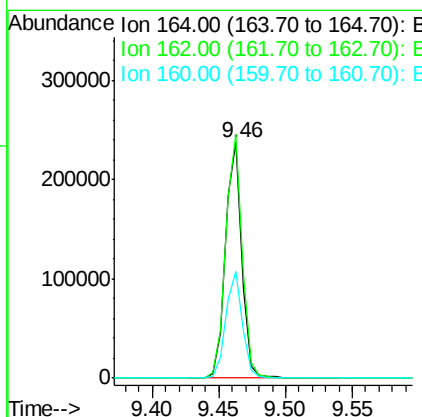
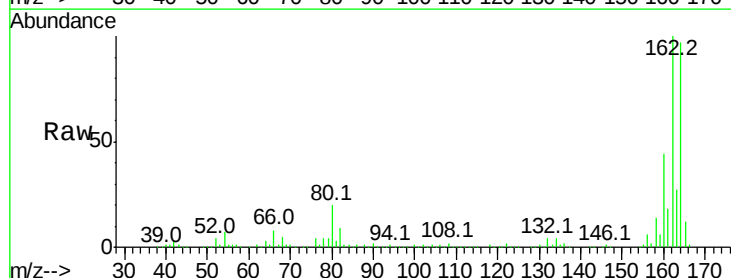
Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-B

Tot Ion: 82 Resp: 116638
 Ion Ratio Lower Upper
 82 100
 128 47.4 34.0 51.0
 54 65.6 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.46 min Scan# 1305
 Delta R.T. -0.07 min
 Lab File: BF097365.D
 Acq: 4 Aug 2017 19:39

Tgt Ion: 164 Resp: 205854
 Ion Ratio Lower Upper
 164 100
 162 103.3 82.6 123.8
 160 45.1 36.2 54.2

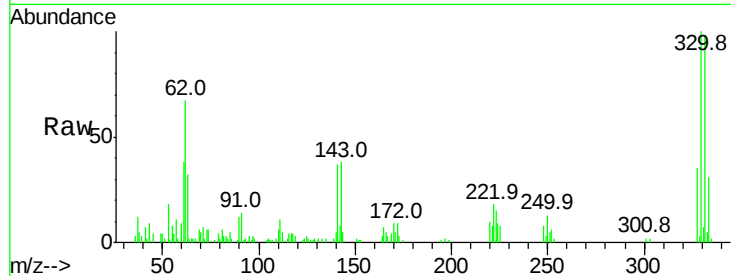




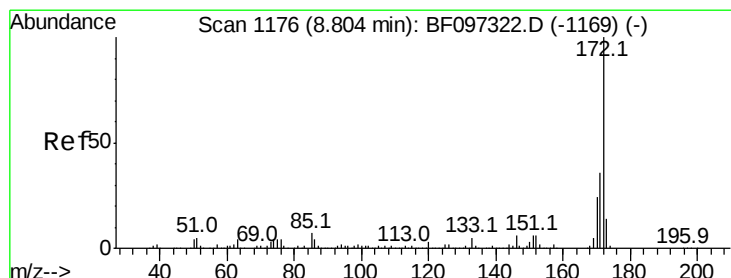
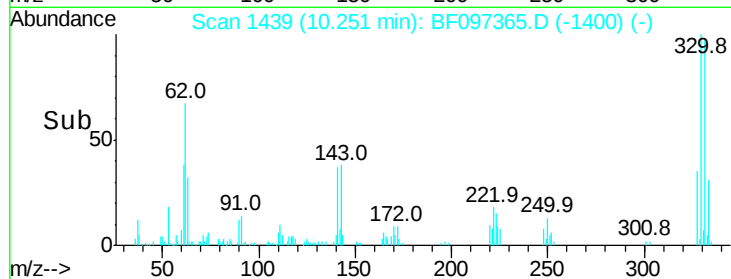
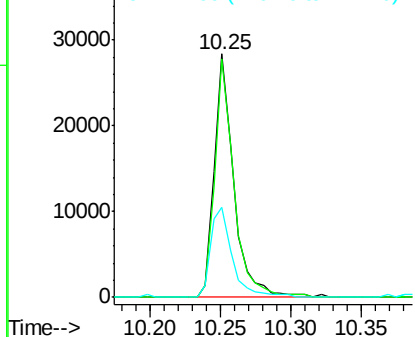
#41
 2,4,6-Tribromophenol
 Concen: 16.811 ng
 RT: 10.25 min Scan# 1439
 Delta R.T. -0.07 min
 Lab File: BF097365.D
 Acq: 4 Aug 2017 19:39

Instrument :
 BNA_F
 ClientSampleId :
 JC-02-080117-B

Tot Ion:330 Resp: 27342
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 41.0 31.4 47.2

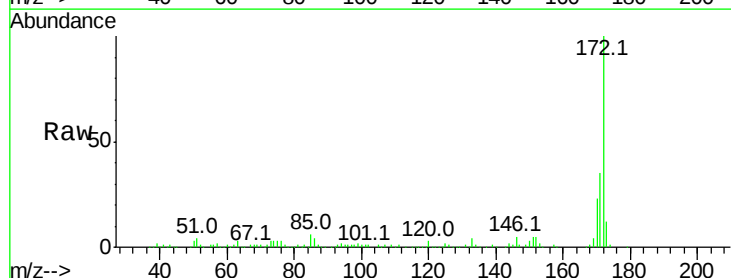


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

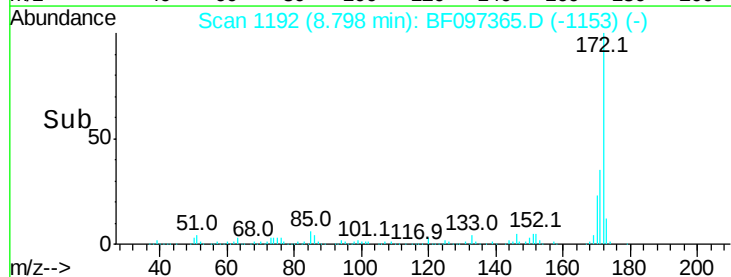
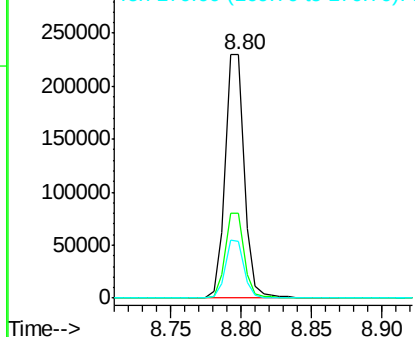


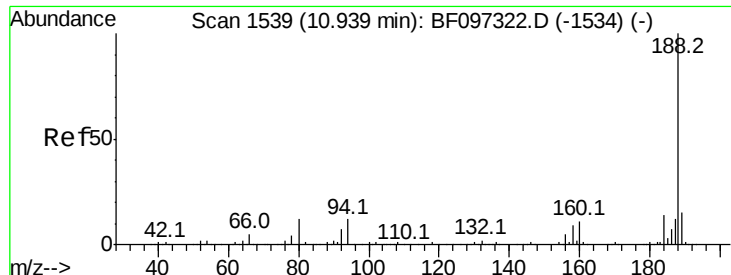
#44
 2-Fluorobiphenyl
 Concen: 17.946 ng
 RT: 8.80 min Scan# 1192
 Delta R.T. -0.07 min
 Lab File: BF097365.D
 Acq: 4 Aug 2017 19:39

Tgt Ion:172 Resp: 217679
 Ion Ratio Lower Upper
 172 100
 171 34.7 29.6 44.4
 170 23.2 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

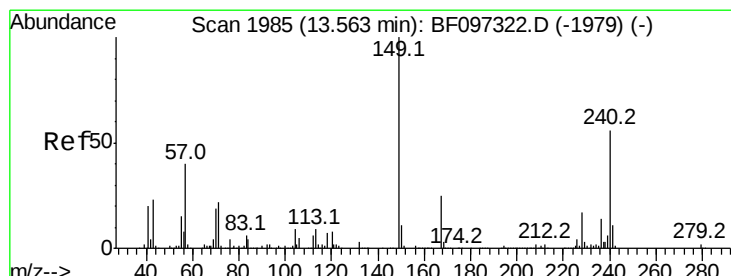
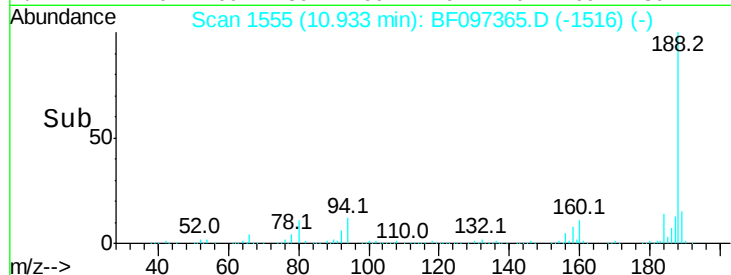
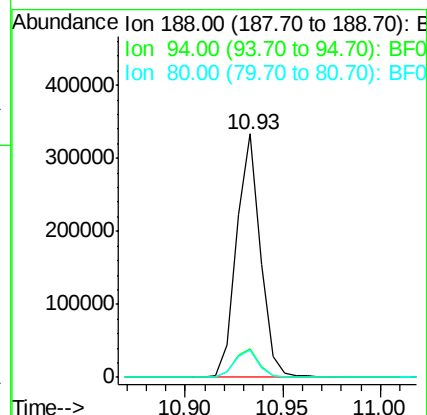
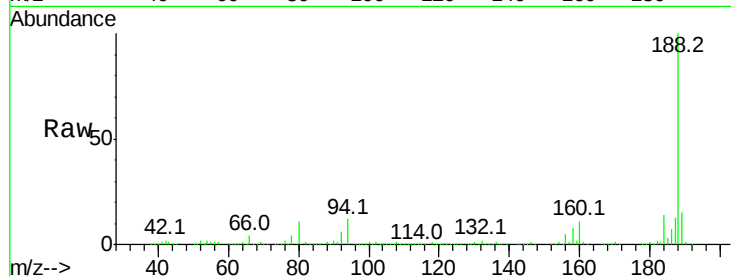




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.93 min Scan# 1555
Delta R.T. -0.07 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

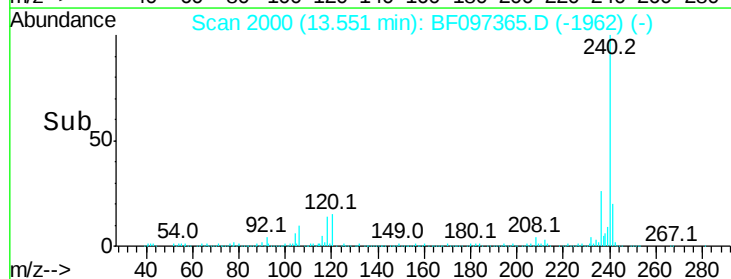
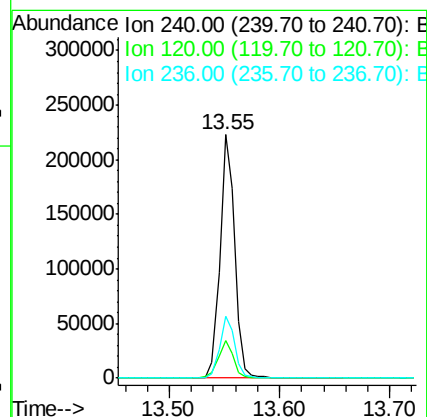
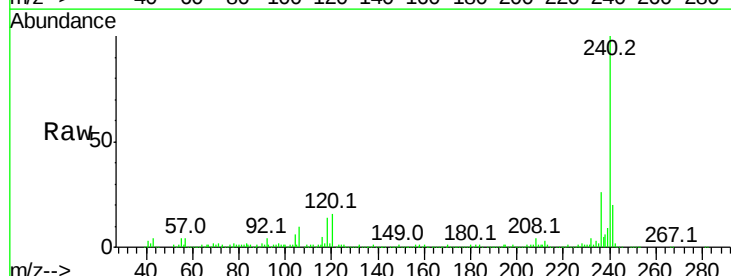
Instrument :
BNA_F
ClientSampleId :
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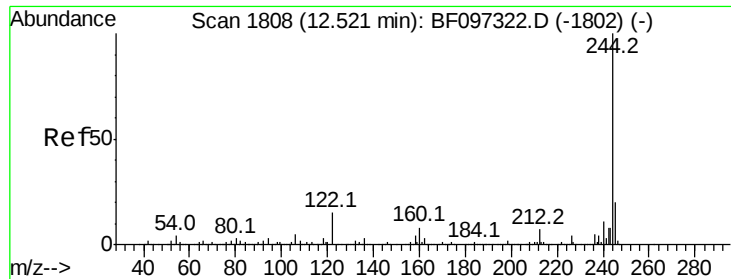
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.6	9.4	14.2
80	11.1	10.2	15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.55 min Scan# 2000
Delta R.T. -0.08 min
Lab File: BF097365.D
Acq: 4 Aug 2017 19:39

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.6	5.8	8.8#
236	25.6	20.5	30.7





#78

Terphenyl-d14

Concen: 12.461 ng

RT: 12.51 min Scan# 1823

Delta R.T. -0.08 min

Lab File: BF097365.D

Acq: 4 Aug 2017 19:39

Instrument :

BNA_F

ClientSampleId :

JC-02-080117-B

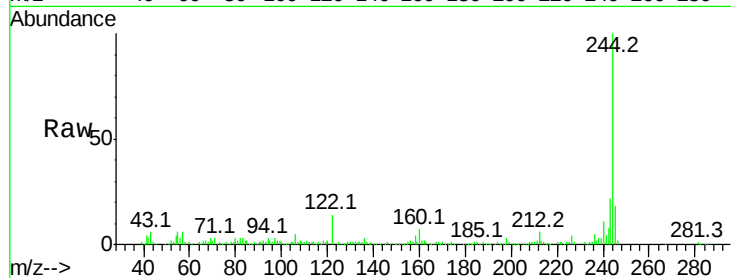
Tot Ion:244 Resp: 124898

Ion Ratio Lower Upper

244 100

212 6.5 6.0 9.0

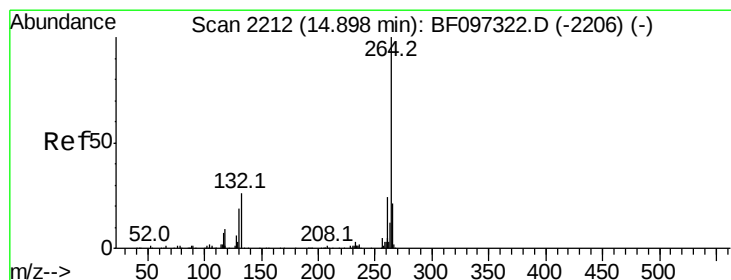
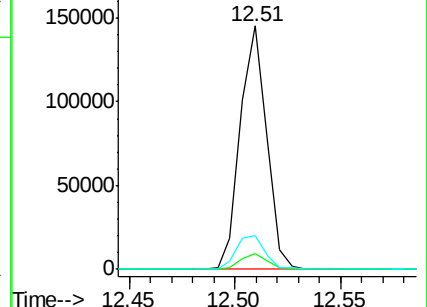
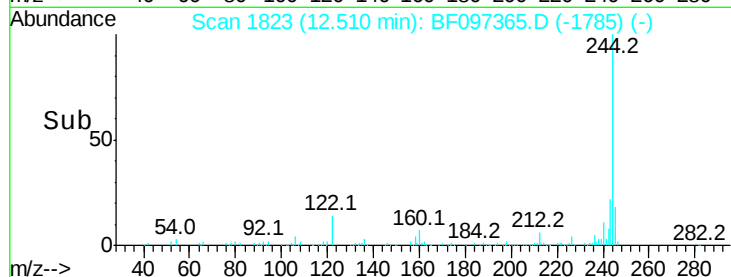
122 13.8 10.3 15.5



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: 20.000 ng

RT: 14.89 min Scan# 2228

Delta R.T. -0.08 min

Lab File: BF097365.D

Acq: 4 Aug 2017 19:39

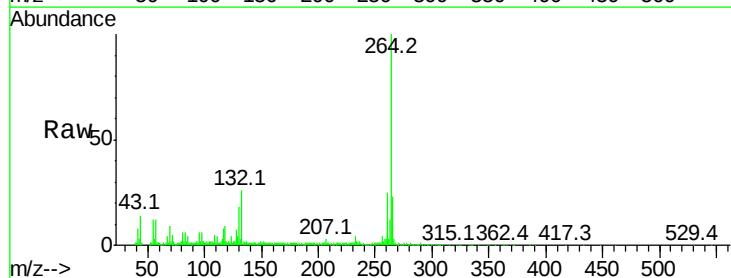
Tgt Ion:264 Resp: 169182

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 22.5 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

