

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097473.D
 Acq On : 8 Aug 2017 16:58
 Operator : SJ/JU
 Sample : I4592-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Quant Time: Aug 08 18:08:52 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	102279	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	403318	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	182607	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	295049	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	228674	20.00	ng	-0.01
86) Perylene-d12	14.86	264	164018	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.01	112	834824	123.04	ng	0.00
7) Phenol-d6	6.08	99	1006540	129.95	ng	0.00
23) Nitrobenzene-d5	6.98	82	620263	90.22	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	199121	138.01	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1031063	95.82	ng	0.00
78) Terphenyl-d14	12.49	244	779198	69.47	ng	0.00

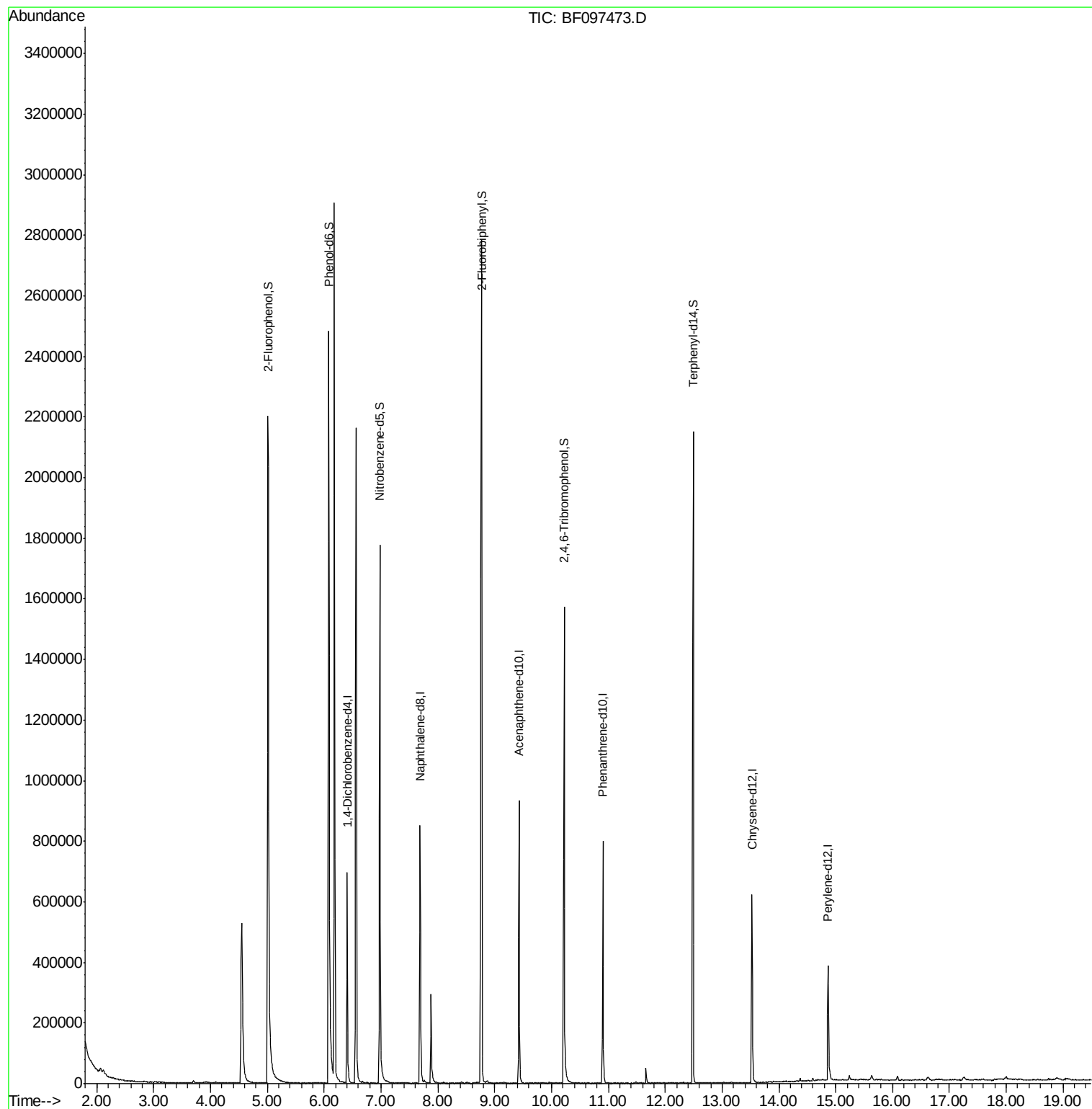
Target Compounds	Qvalue
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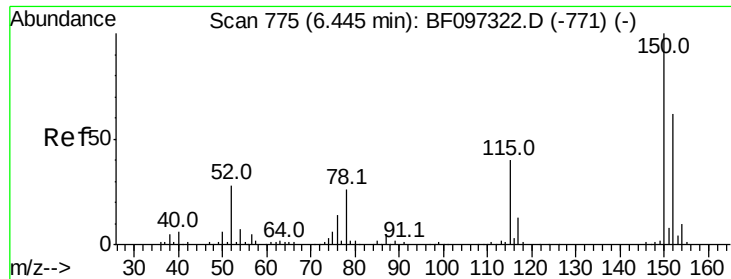
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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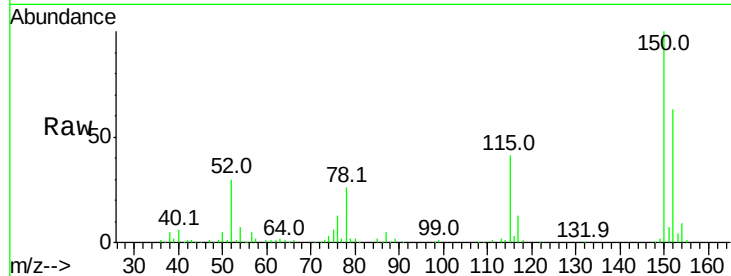


#1

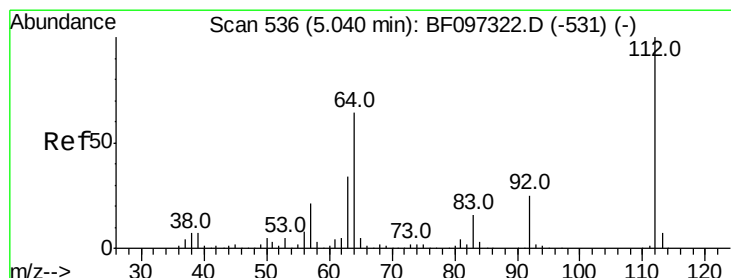
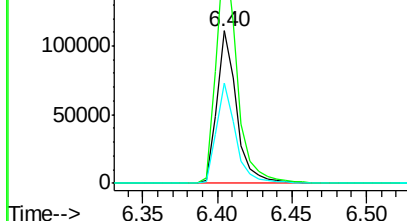
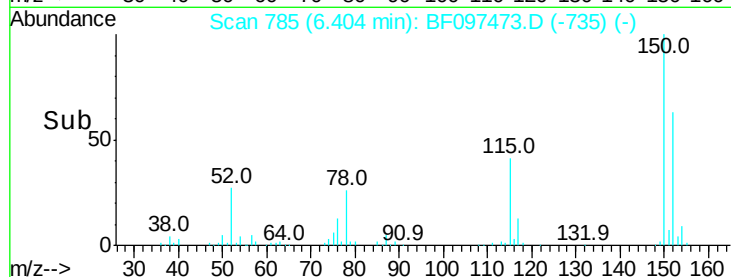
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.40 min Scan# 785
Delta R.T. -0.01 min
Lab File: BF097473.D
Acq: 8 Aug 2017 16:58

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451

Tot Ion:152 Resp: 102279
Ion Ratio Lower Upper
152 100
150 159.6 126.2 189.2
115 65.8 52.2 78.2



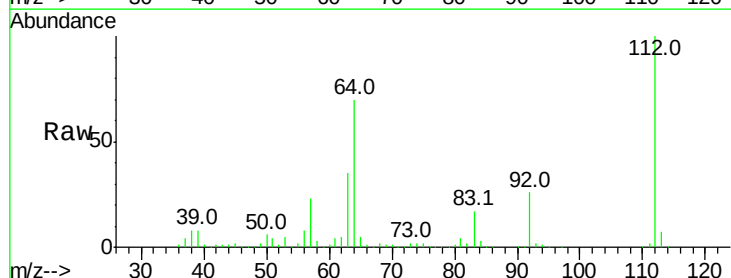
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



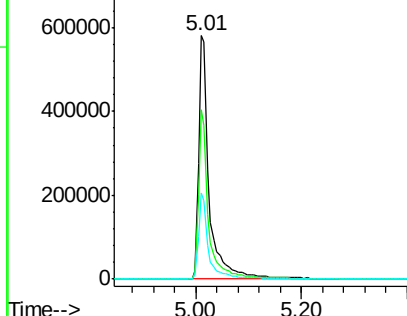
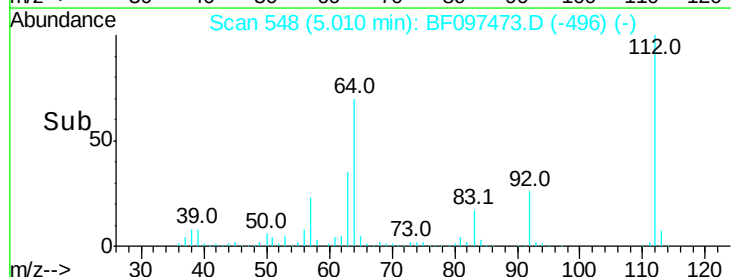
#5

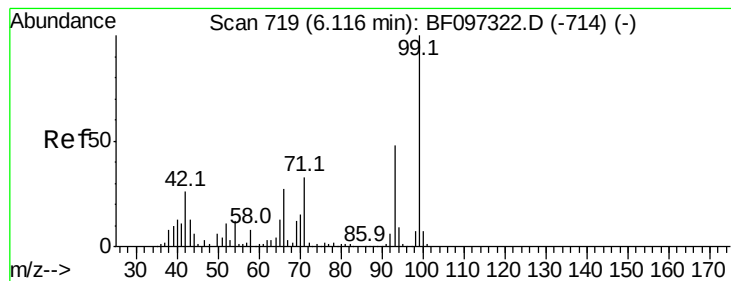
2-Fluorophenol
Concen: 123.045 ng
RT: 5.01 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF097473.D
Acq: 8 Aug 2017 16:58

Tgt Ion:112 Resp: 834824
Ion Ratio Lower Upper
112 100
64 69.6 46.0 69.0#
63 35.5 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: 129.950 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097473.D

Acq: 8 Aug 2017 16:58

Instrument :

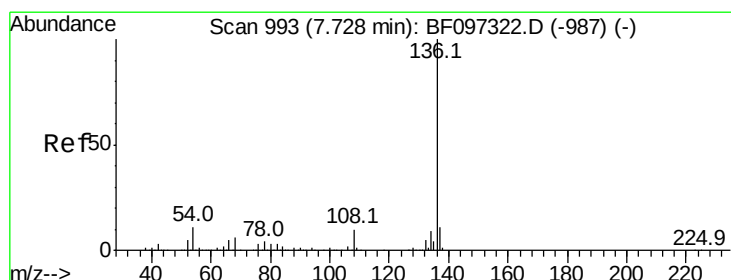
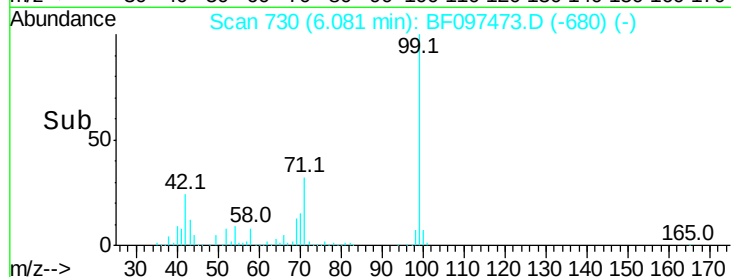
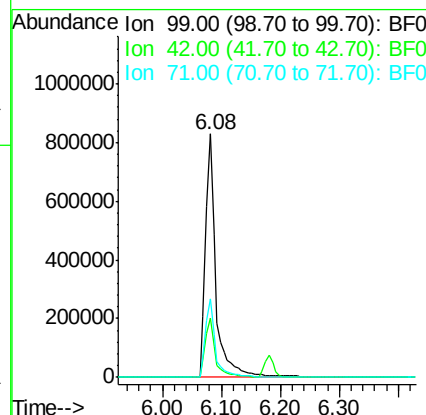
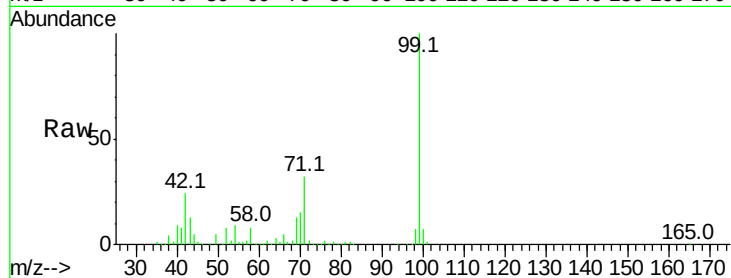
BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451

Tot Ion: 99 Resp: 1006540

Ion	Ratio	Lower	Upper
99	100		
42	24.1	13.5	20.3#
71	32.2	24.5	36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

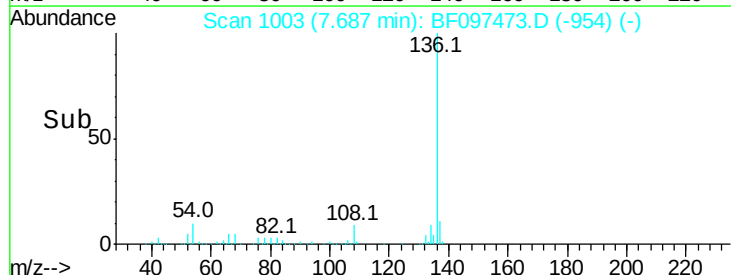
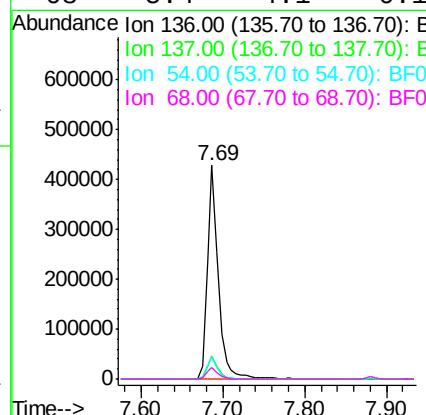
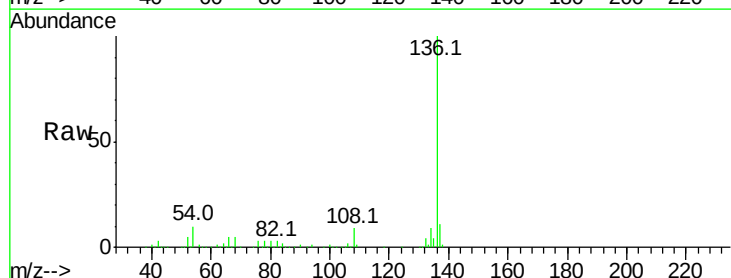
Delta R.T. -0.01 min

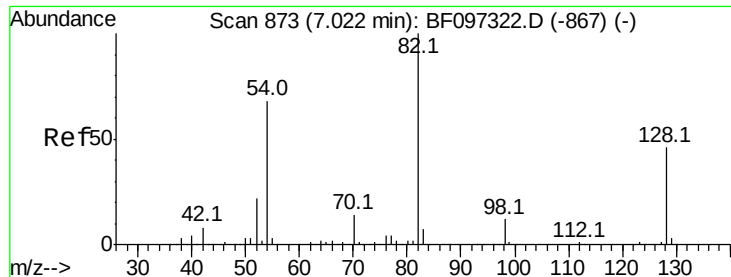
Lab File: BF097473.D

Acq: 8 Aug 2017 16:58

Tgt Ion: 136 Resp: 403318

Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.0	4.9	7.3#
68	5.4	4.1	6.1

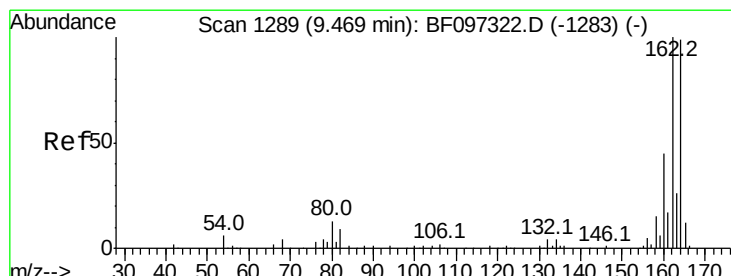
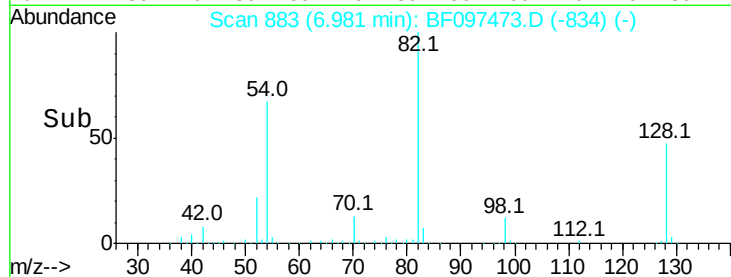
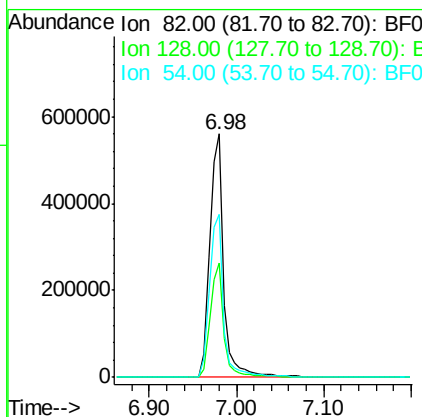
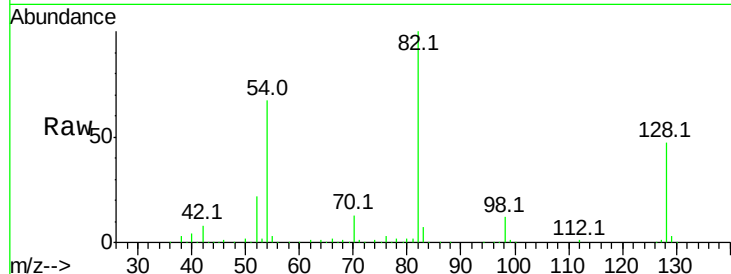




#23
 Nitrobenzene-d5
 Concen: 90.219 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097473.D
 Acq: 8 Aug 2017 16:58

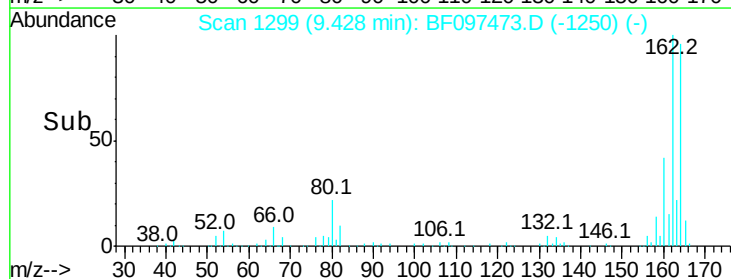
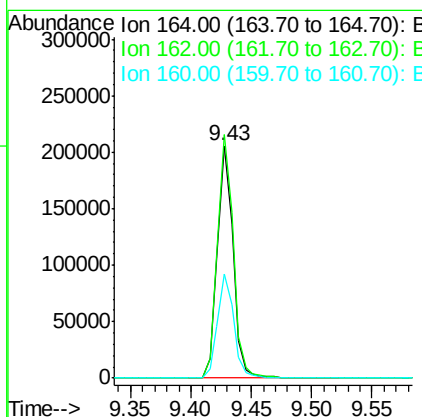
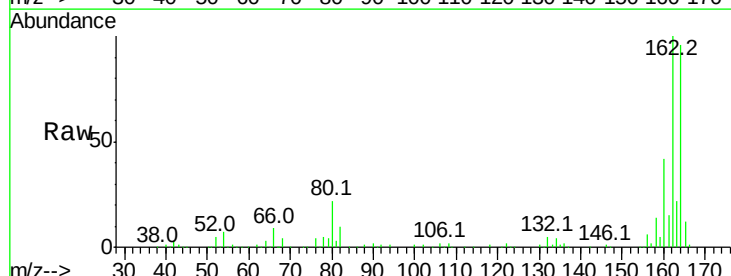
Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

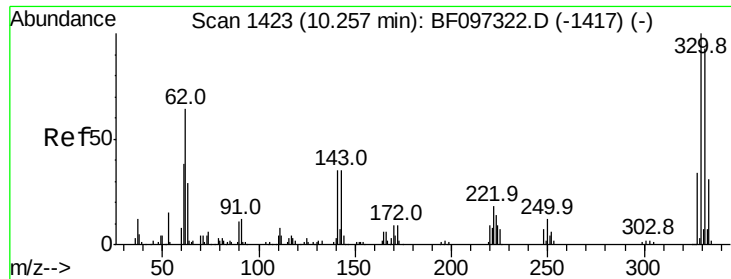
Tot Ion: 82 Resp: 620263
 Ion Ratio Lower Upper
 82 100
 128 46.8 34.0 51.0
 54 67.2 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097473.D
 Acq: 8 Aug 2017 16:58

Tgt Ion:164 Resp: 182607
 Ion Ratio Lower Upper
 164 100
 162 104.6 82.6 123.8
 160 44.5 36.2 54.2

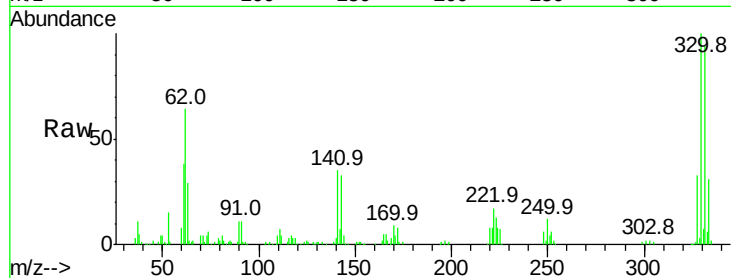




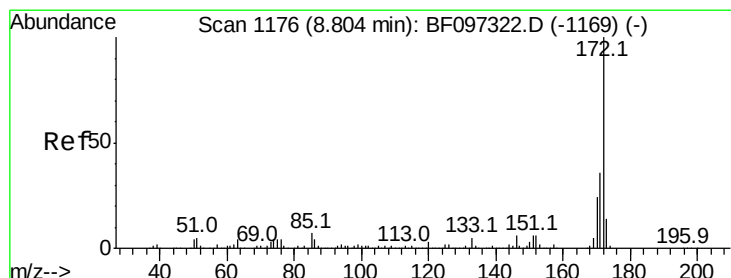
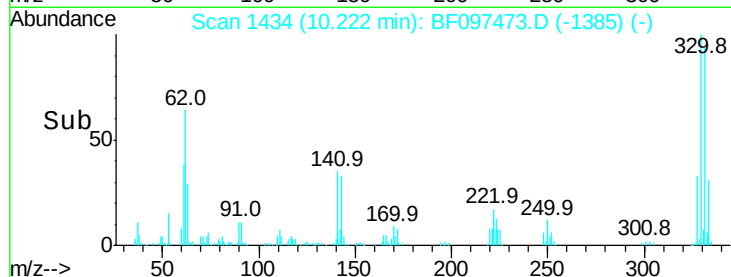
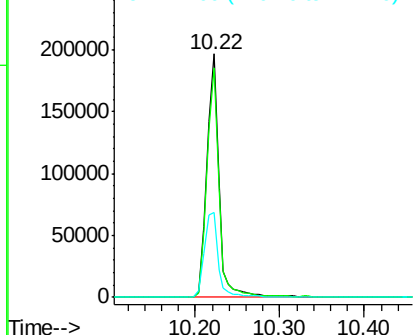
#41
 2,4,6-Tribromophenol
 Concen: 138.013 ng
 RT: 10.22 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF097473.D
 Acq: 8 Aug 2017 16:58

Instrument :
 BNA_F
 ClientSampleId :
 15-50-RT3460-RT4215-RT3451

Tot Ion:330 Resp: 199121
 Ion Ratio Lower Upper
 330 100
 332 94.0 76.6 115.0
 141 39.6 31.4 47.2

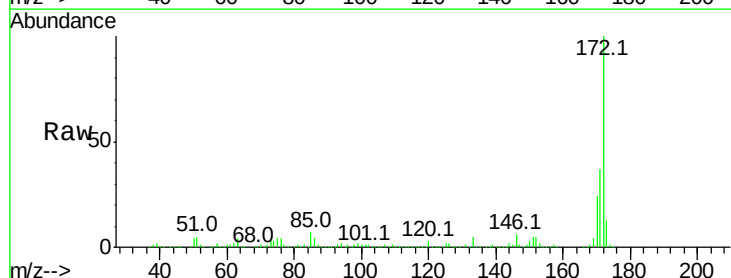


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

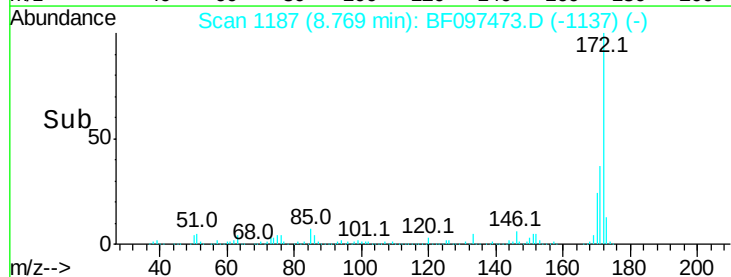
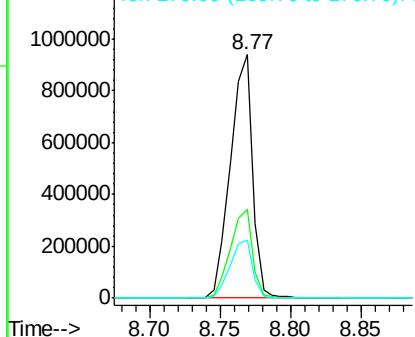


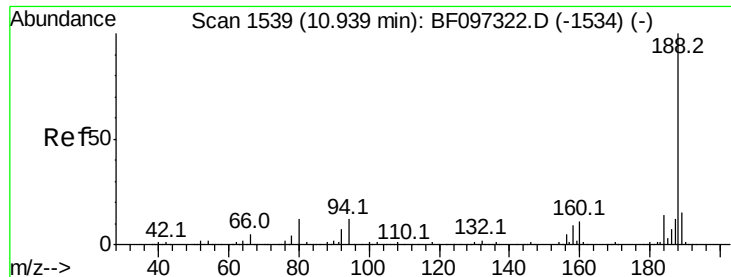
#44
 2-Fluorobiphenyl
 Concen: 95.824 ng
 RT: 8.77 min Scan# 1187
 Delta R.T. -0.01 min
 Lab File: BF097473.D
 Acq: 8 Aug 2017 16:58

Tgt Ion:172 Resp: 1031063
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 23.9 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

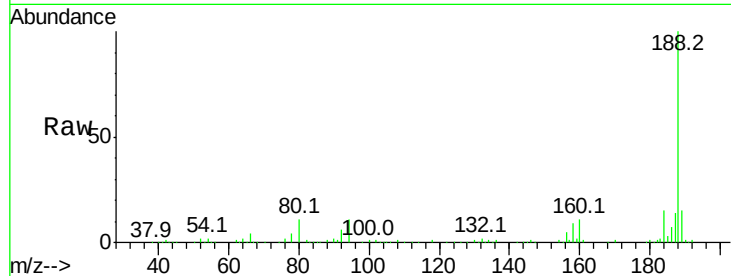




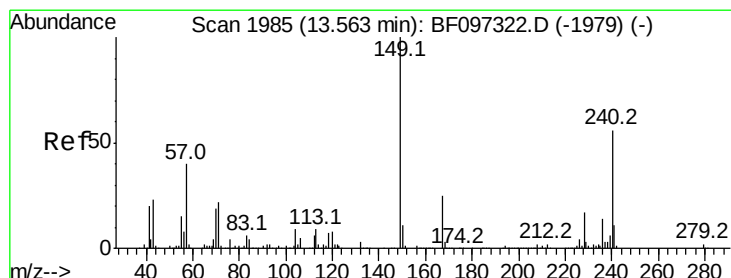
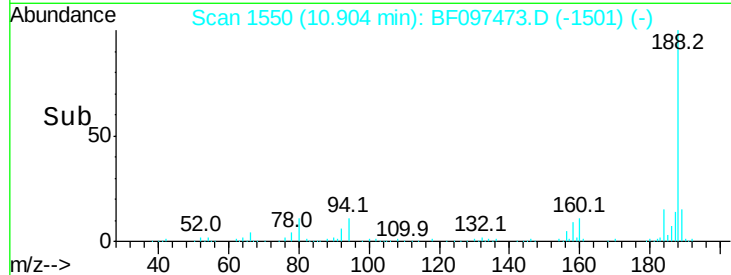
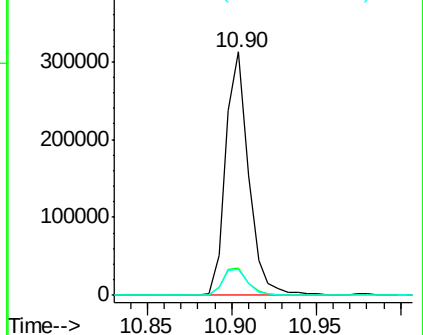
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097473.D
Acq: 8 Aug 2017 16:58

Instrument :
BNA_F
ClientSampleId :
15-50-RT3460-RT4215-RT3451

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.1	9.4	14.2
80	10.6	10.2	15.2

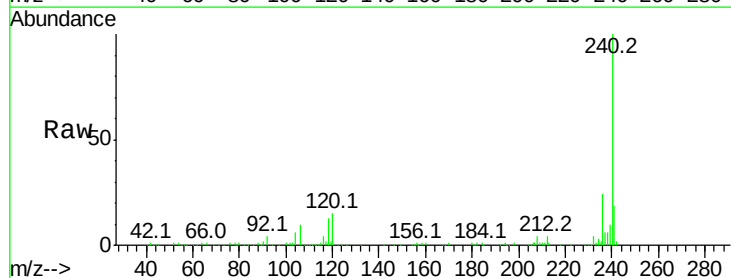


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

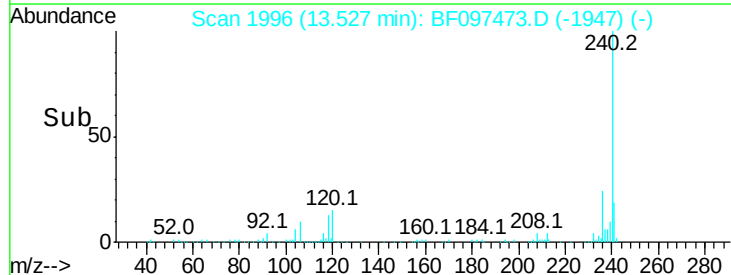
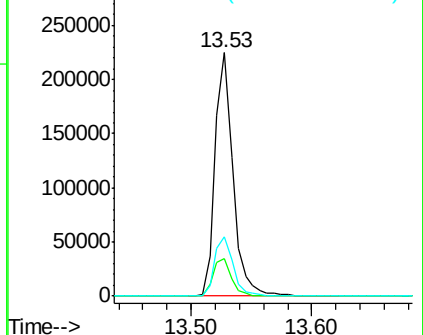


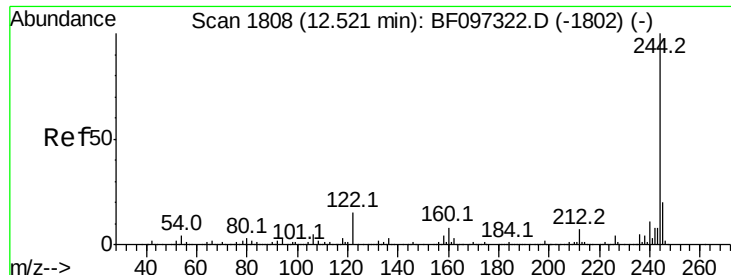
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097473.D
Acq: 8 Aug 2017 16:58

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.2	5.8	8.8#
236	24.4	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: 69.473 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097473.D

Acq: 8 Aug 2017 16:58

Instrument :

BNA_F

ClientSampleId :

15-50-RT3460-RT4215-RT3451

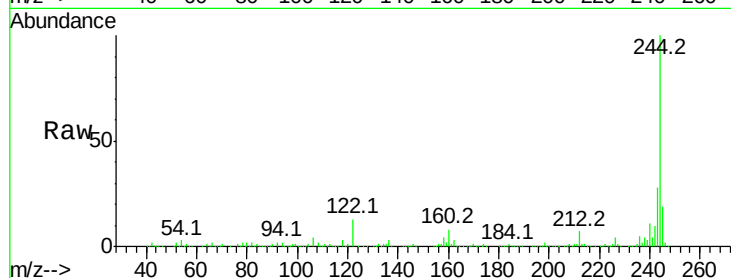
Tot Ion:244 Resp: 779198

Ion Ratio Lower Upper

244 100

212 6.8 6.0 9.0

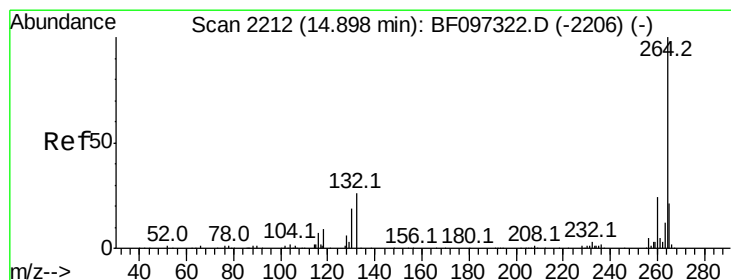
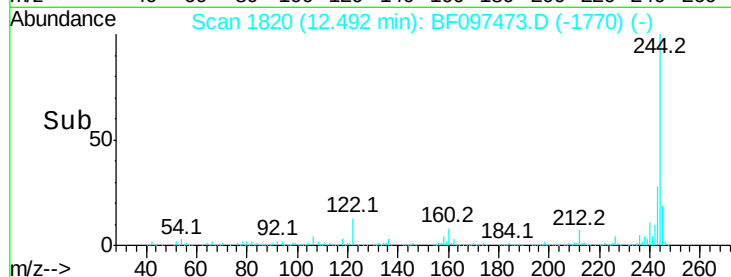
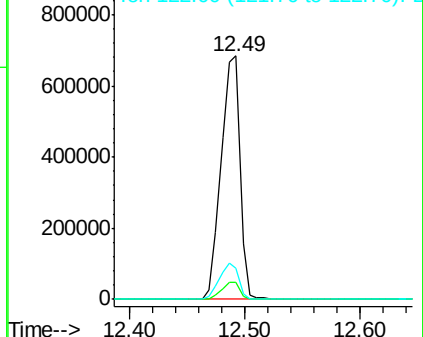
122 12.8 10.3 15.5



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: 14.86 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF097473.D

Acq: 8 Aug 2017 16:58

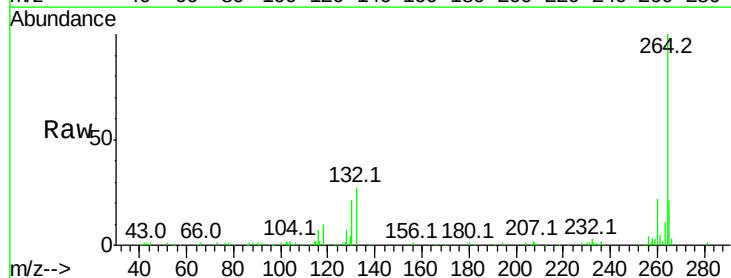
Tgt Ion:264 Resp: 164018

Ion Ratio Lower Upper

264 100

260 22.1 19.5 29.3

265 21.2 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

