

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098082.D
 Acq On : 28 Aug 2017 22:43
 Operator : SJ/JU
 Sample : I4948-03
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-A-COMP

Quant Time: Aug 29 09:04:44 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	107872	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	426999	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	194385	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	387325	20.00	ng	0.00
75) Chrysene-d12	13.89	240	366433	20.00	ng	0.00
86) Perylene-d12	15.31	264	309555	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	826713	116.57	ng	0.00
7) Phenol-d6	6.38	99	1024530	106.33	ng	0.00
23) Nitrobenzene-d5	7.30	82	725071	92.25	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	243236	144.22	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1085656	82.06	ng	-0.01
78) Terphenyl-d14	12.85	244	1111656	63.26	ng	0.00

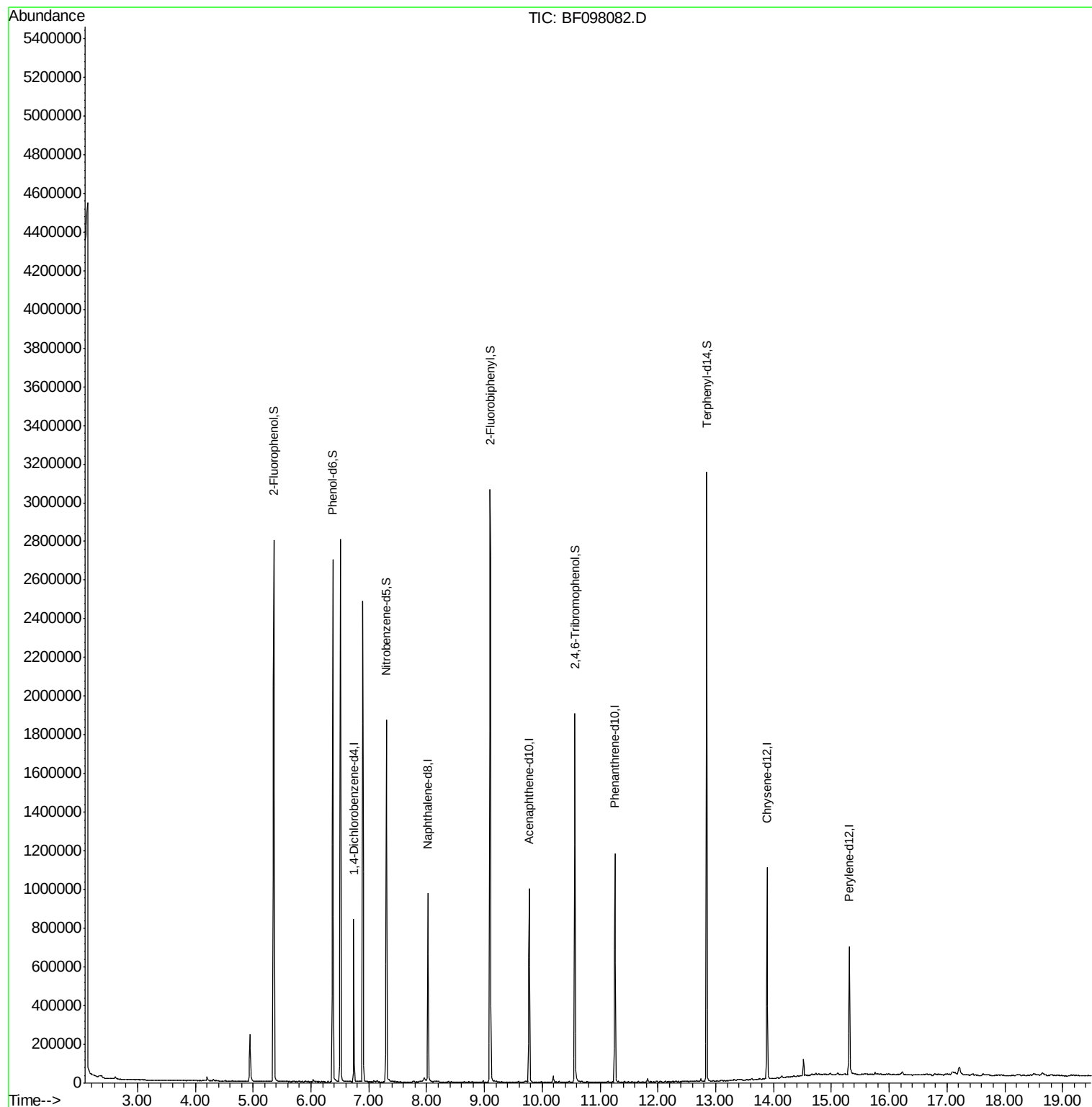
Target Compounds Qvalue

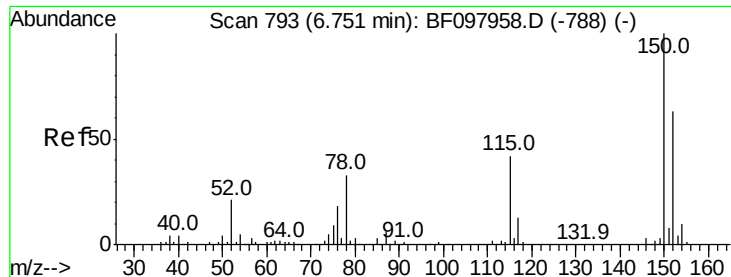
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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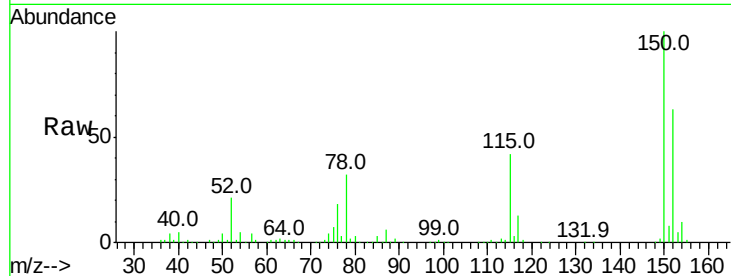


#1

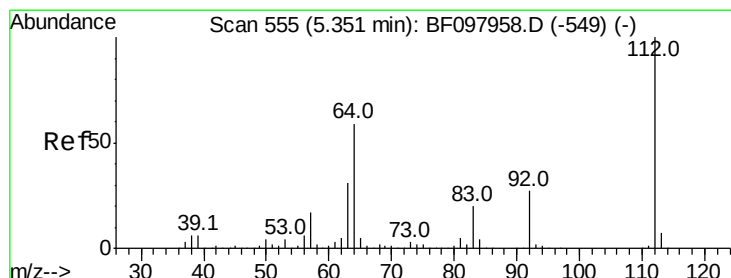
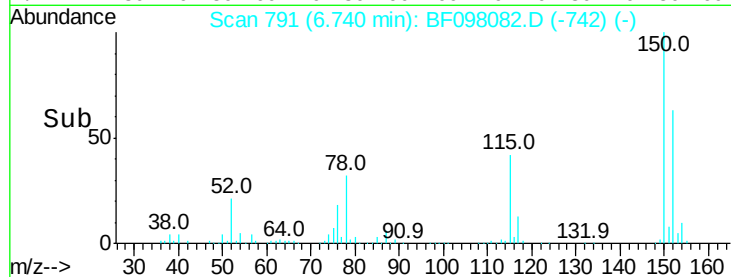
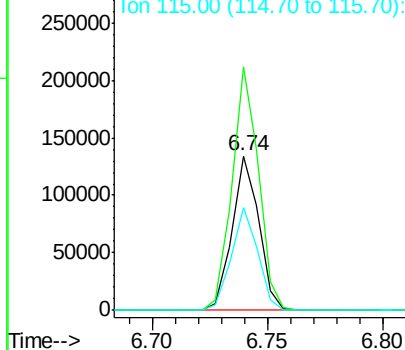
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098082.D
Acq: 28 Aug 2017 22:43

Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

Tot Ion:152 Resp: 107872
Ion Ratio Lower Upper
152 100
150 157.5 126.2 189.2
115 66.6 52.2 78.2



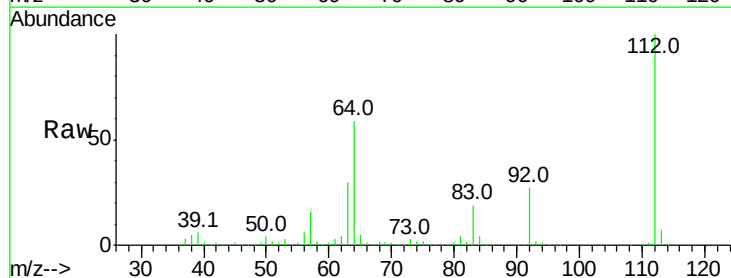
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



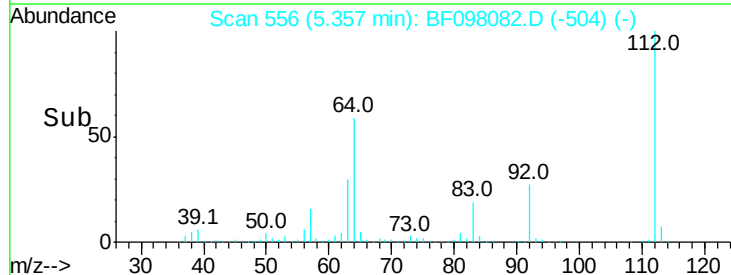
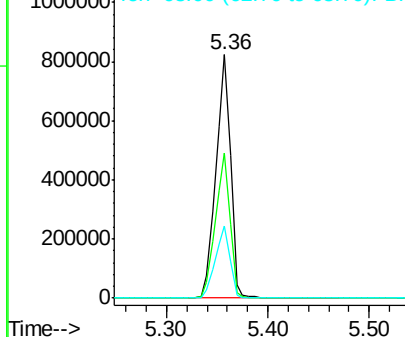
#5

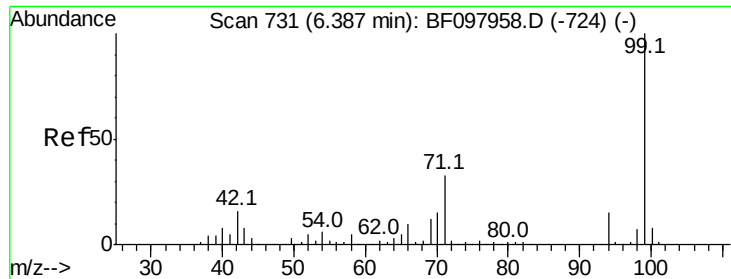
2-Fluorophenol
Concen: 116.573 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098082.D
Acq: 28 Aug 2017 22:43

Tgt Ion:112 Resp: 826713
Ion Ratio Lower Upper
112 100
64 59.3 46.0 69.0
63 29.5 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: 106.326 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098082.D

Acq: 28 Aug 2017 22:43

Instrument :

BNA_F

ClientSampleId :

MANHOLE-A-COMP

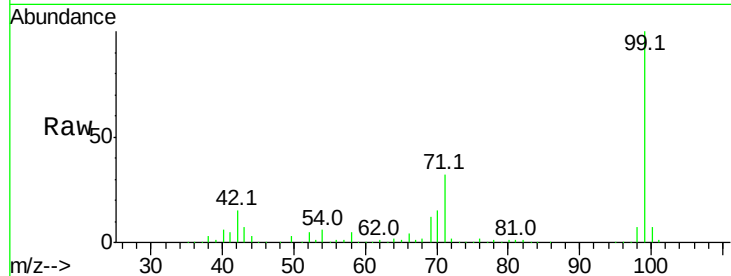
Tot Ion: 99 Resp: 1024530

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

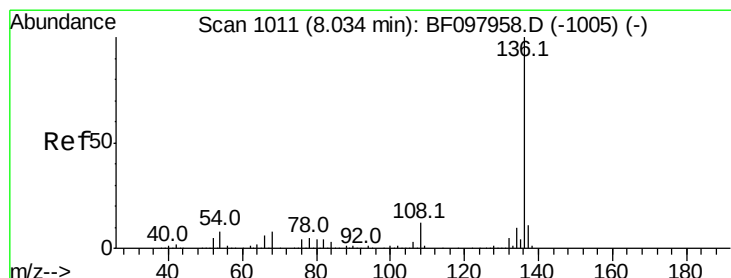
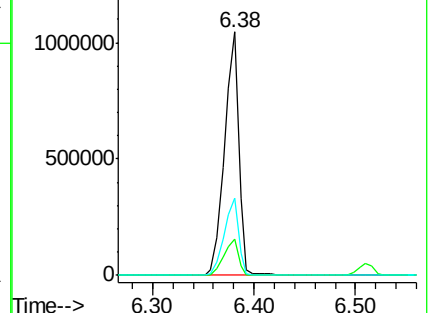
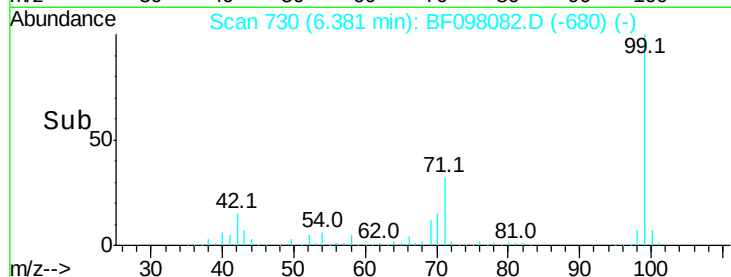
71 31.9 24.5 36.7



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: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF098082.D

Acq: 28 Aug 2017 22:43

Tgt Ion: 136 Resp: 426999

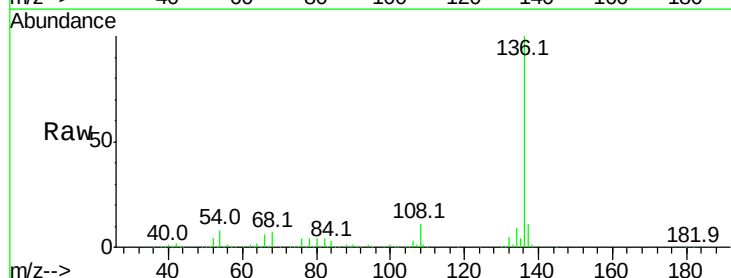
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 8.0 4.9 7.3#

68 7.3 4.1 6.1#

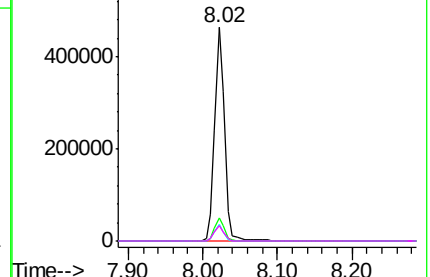
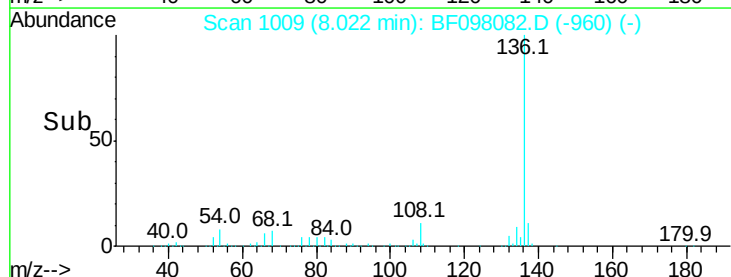


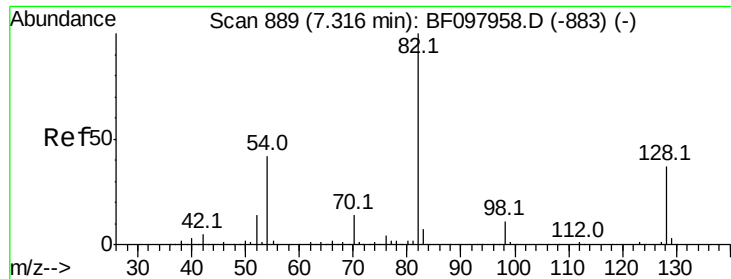
Abundance Ion 136.00 (135.70 to 136.70): E

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

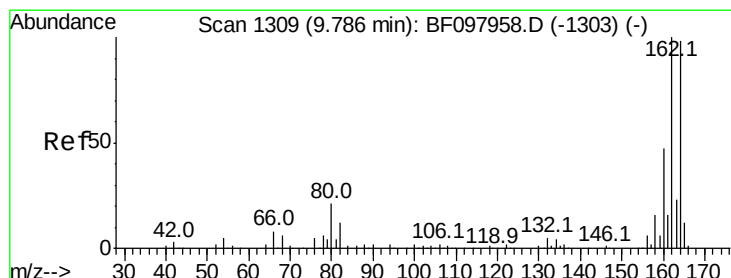
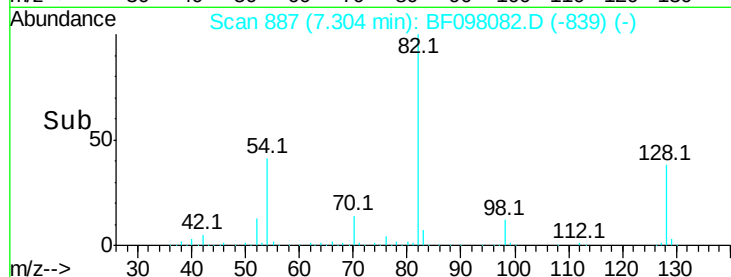
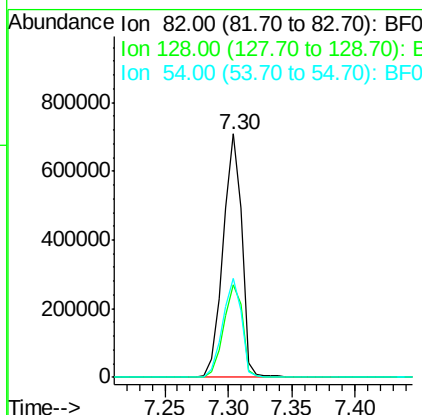
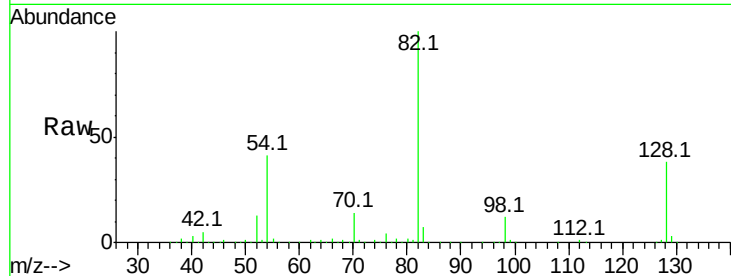




#23
 Nitrobenzene-d5
 Concen: 92.247 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098082.D
 Acq: 28 Aug 2017 22:43

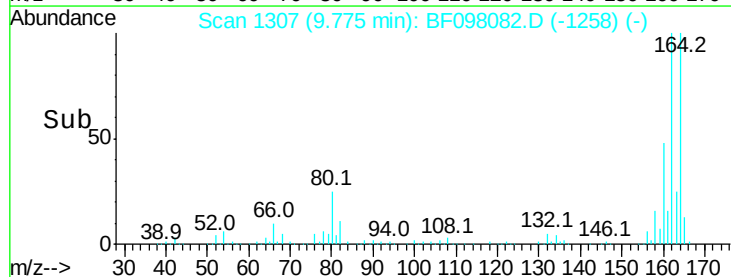
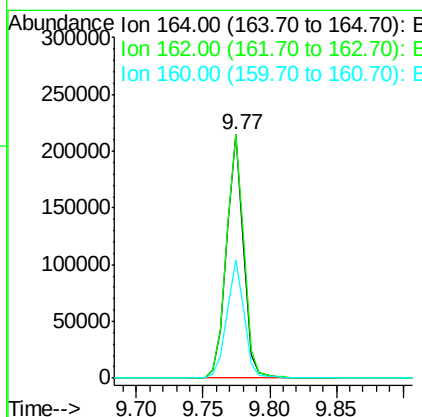
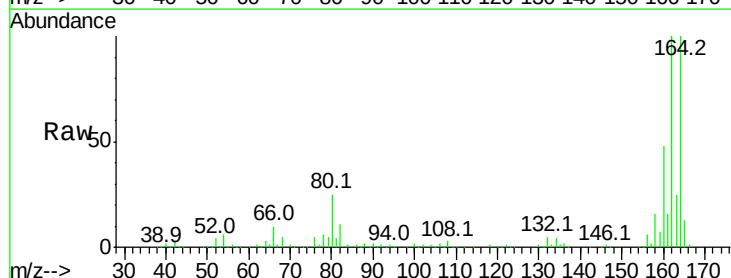
Instrument :
 BNA_F
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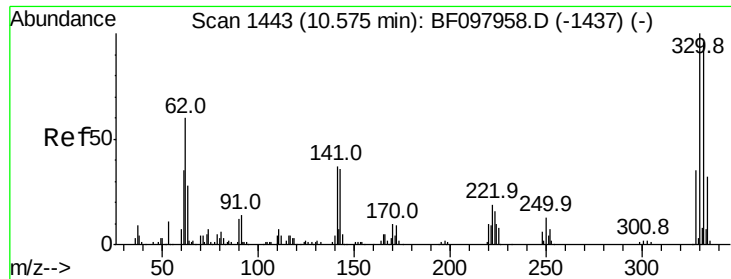
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.1	34.0	51.0
54	40.5	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098082.D
 Acq: 28 Aug 2017 22:43

Tgt Ion	Ratio	Lower	Upper
164	100		
162	100.1	82.6	123.8
160	48.4	36.2	54.2

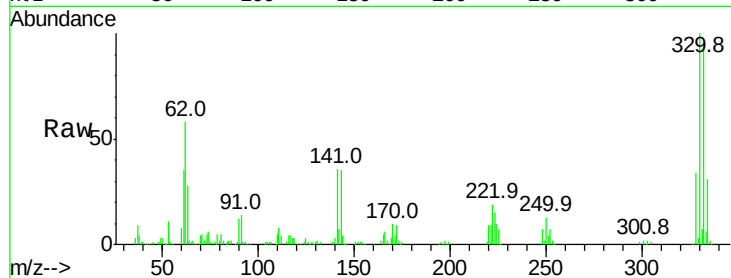




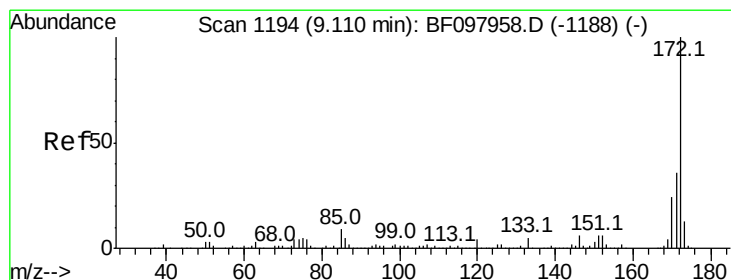
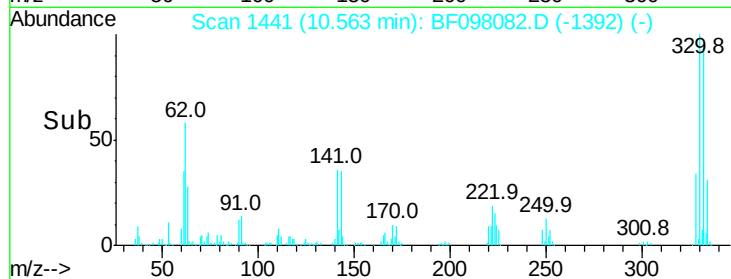
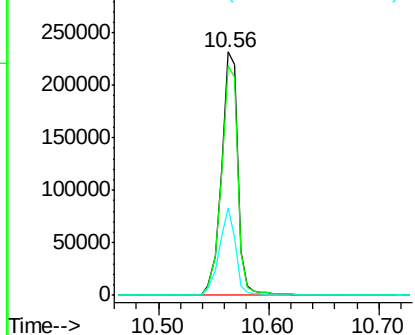
#41
 2,4,6-Tribromophenol
 Concen: 144.216 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098082.D
 Acq: 28 Aug 2017 22:43

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-A-COMP

Tot Ion:330 Resp: 243236
 Ion Ratio Lower Upper
 330 100
 332 95.2 76.6 115.0
 141 35.5 31.4 47.2

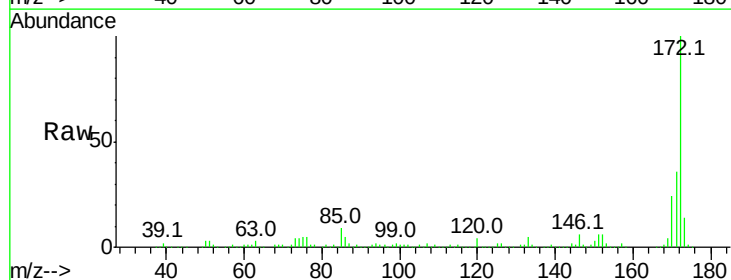


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

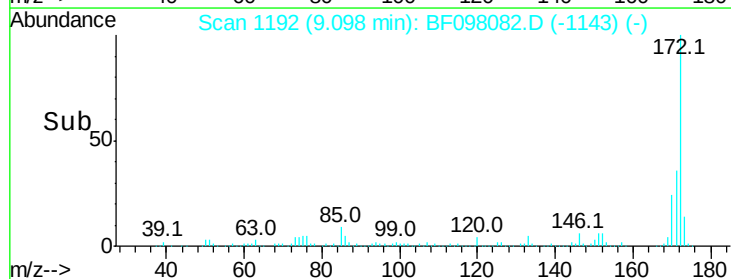
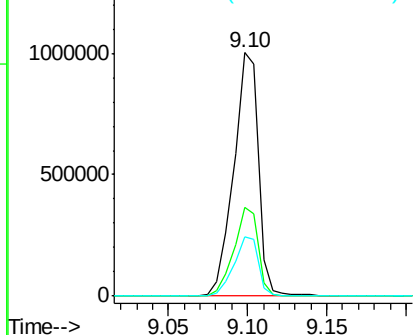


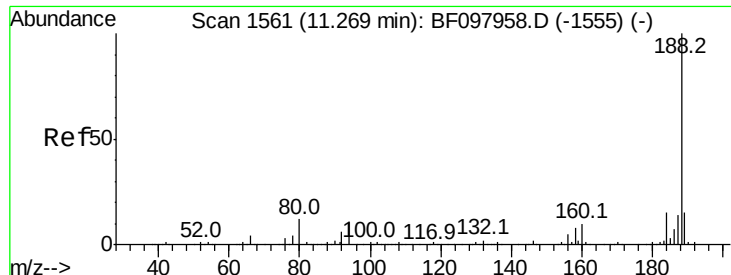
#44
 2-Fluorobiphenyl
 Concen: 82.056 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098082.D
 Acq: 28 Aug 2017 22:43

Tgt Ion:172 Resp: 1085656
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.6 44.4
 170 24.5 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

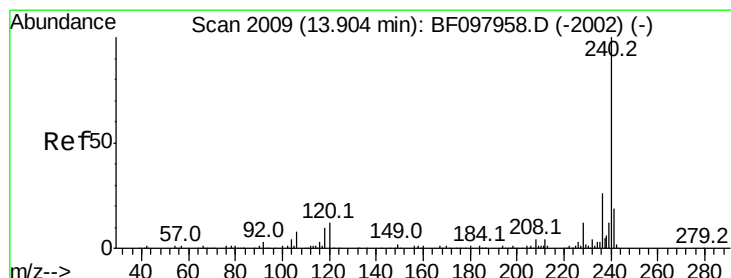
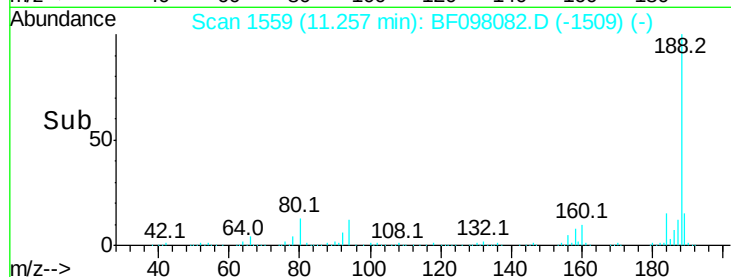
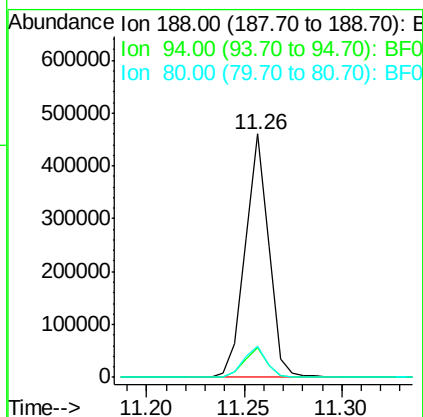
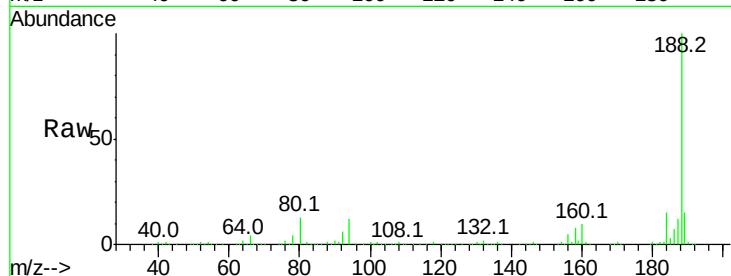




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098082.D
Acq: 28 Aug 2017 22:43

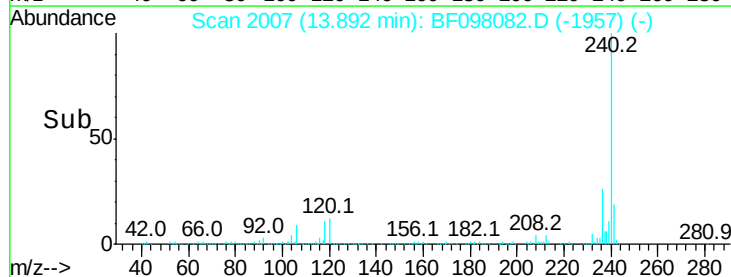
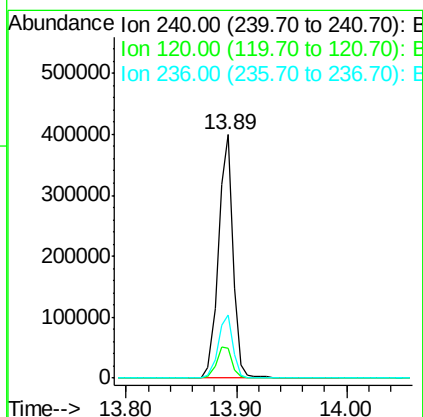
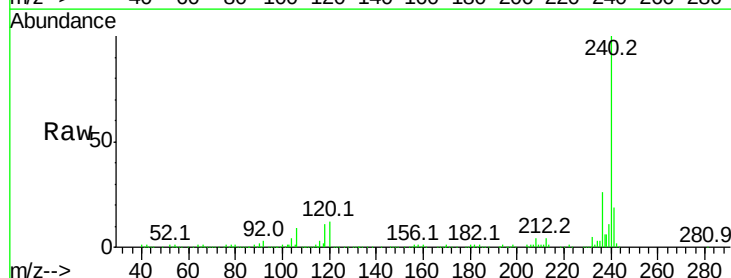
Instrument :
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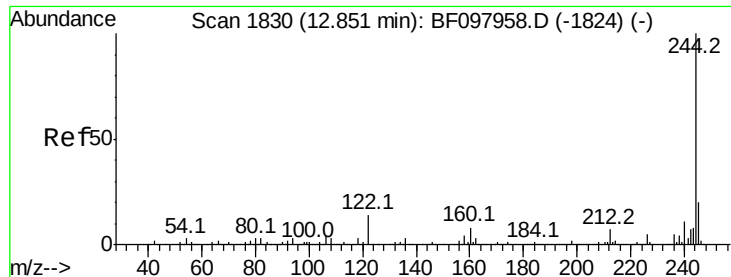
Tot Ion:188 Resp: 387325
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.2
80 12.9 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098082.D
Acq: 28 Aug 2017 22:43

Tgt Ion:240 Resp: 366433
Ion Ratio Lower Upper
240 100
120 12.2 5.8 8.8#
236 26.0 20.5 30.7





#78

Terphenyl-d14

Concen: 63.263 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098082.D

Acq: 28 Aug 2017 22:43

Instrument :

BNA_F

ClientSampleId :

MANHOLE-A-COMP

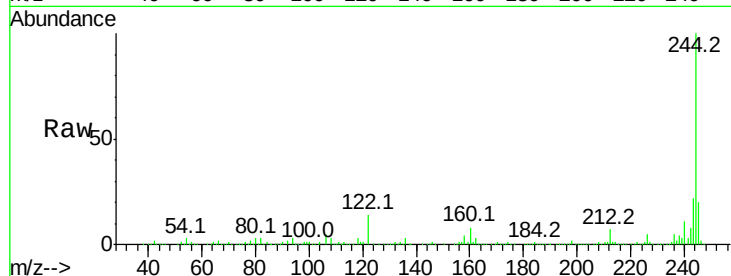
Tot Ion:244 Resp: 1111656

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

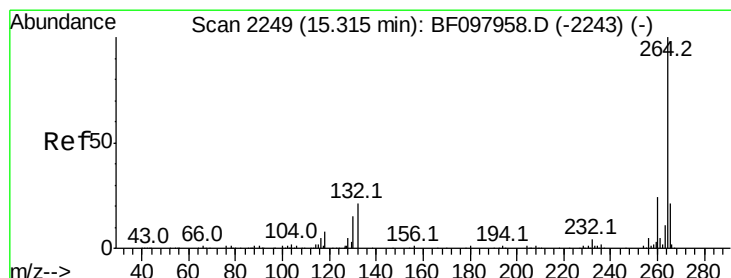
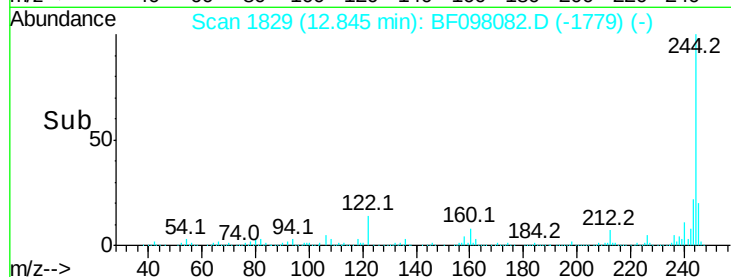
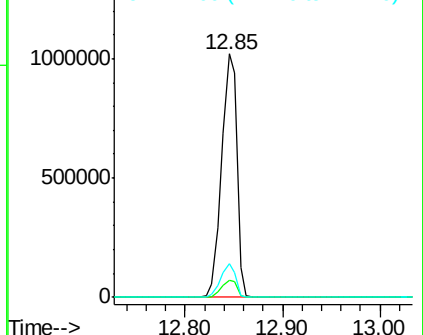
122 13.6 10.3 15.5



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

Perylene-d12

Concen: 20.000 ng

RT: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF098082.D

Acq: 28 Aug 2017 22:43

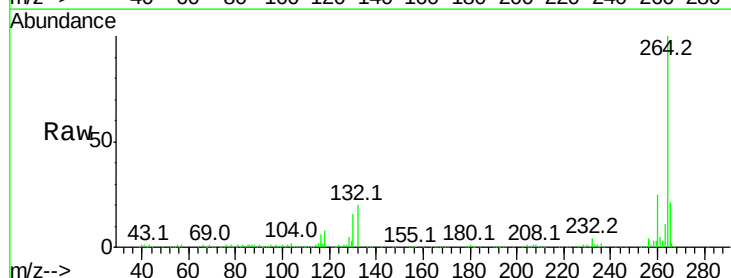
Tgt Ion:264 Resp: 309555

Ion Ratio Lower Upper

264 100

260 24.6 19.5 29.3

265 21.1 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

