

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098073.D
 Acq On : 28 Aug 2017 18:31
 Operator : SJ/JU
 Sample : PB101862BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

Quant Time: Aug 29 08:43:46 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	114036	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	463540	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	202888	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	400180	20.00	ng	0.00
75) Chrysene-d12	13.89	240	363974	20.00	ng	0.00
86) Perylene-d12	15.32	264	309966	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	764192	101.93	ng	0.00
7) Phenol-d6	6.38	99	1015605	99.70	ng	0.00
23) Nitrobenzene-d5	7.30	82	615165	72.09	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	186628	106.02	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	941810	68.20	ng	-0.01
78) Terphenyl-d14	12.84	244	856107	49.05	ng	0.00

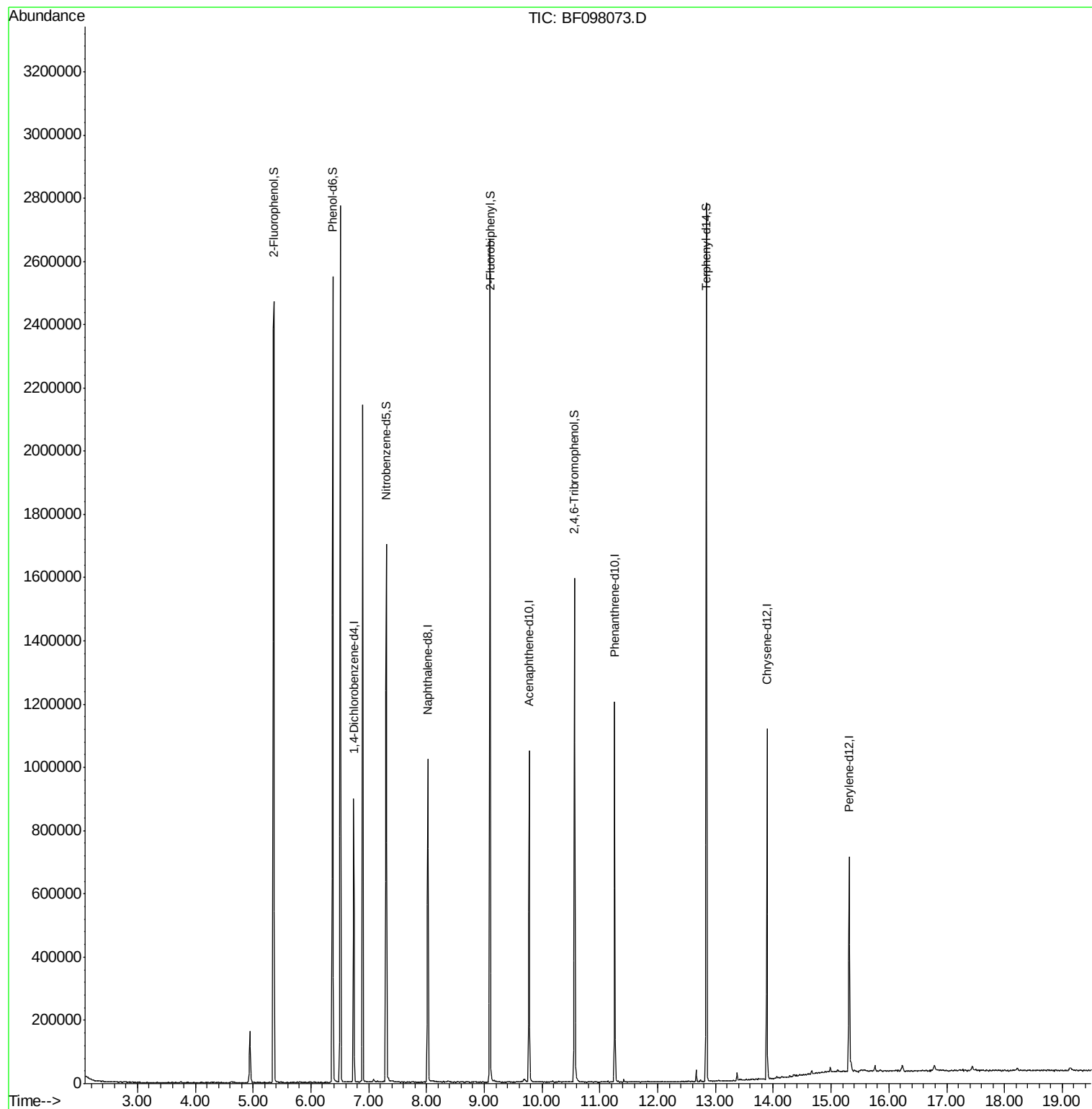
Target Compounds Qvalue

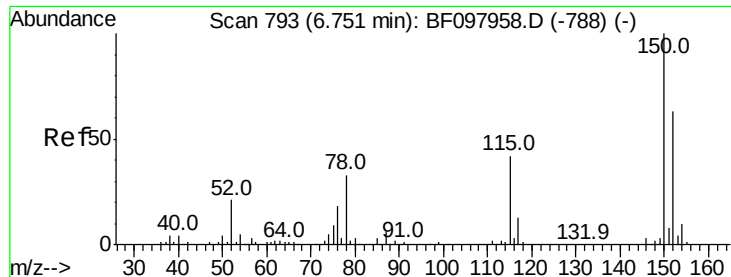
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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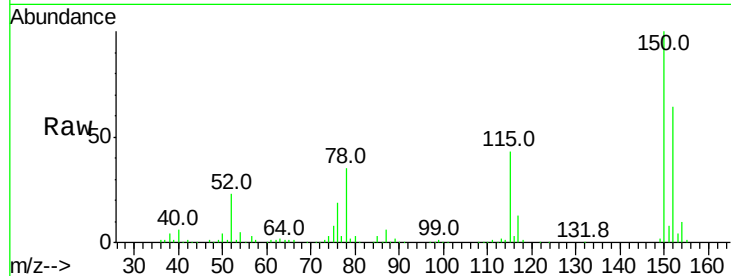


#1

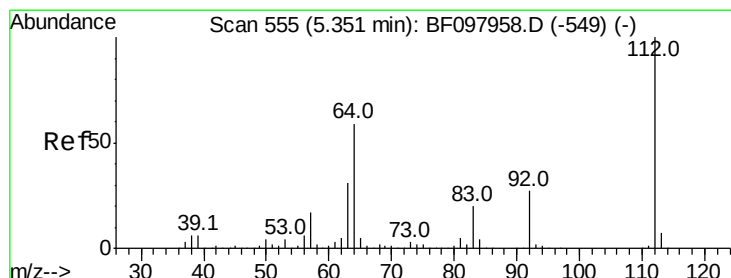
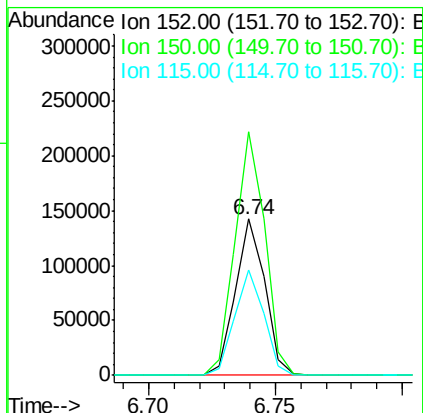
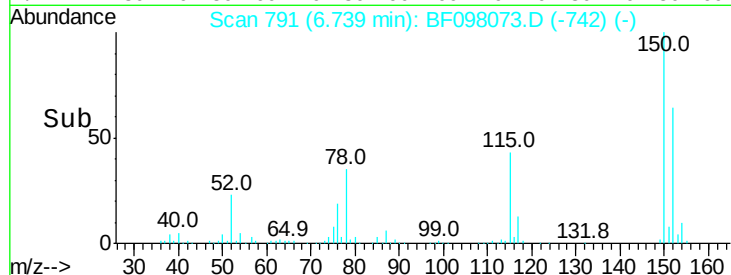
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Instrument :
BNA_F
ClientSampleId :
PB101862BL

Tot Ion:152 Resp: 114036
Ion Ratio Lower Upper
152 100
150 156.1 126.2 189.2
115 67.5 52.2 78.2



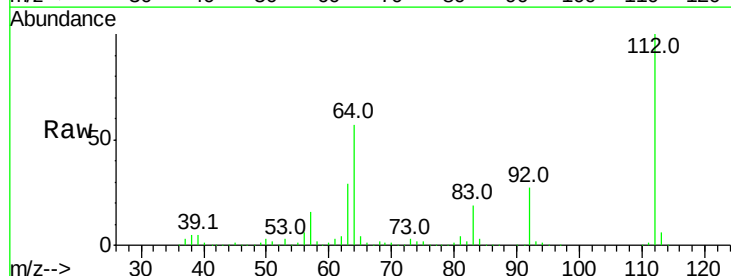
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



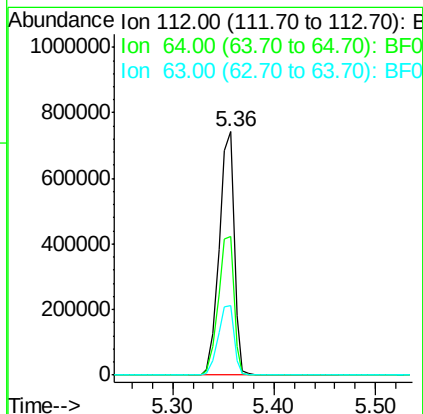
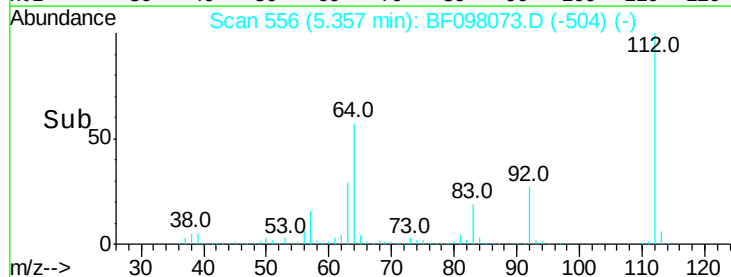
#5

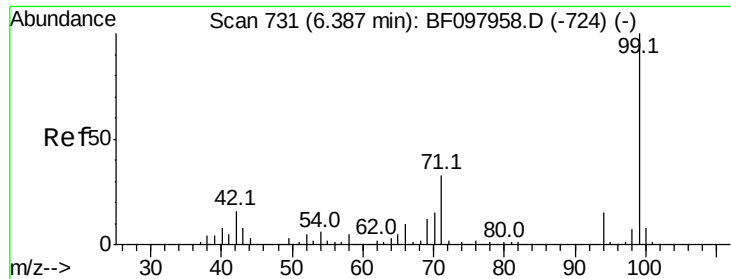
2-Fluorophenol
Concen: 101.932 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Tgt Ion:112 Resp: 764192
Ion Ratio Lower Upper
112 100
64 57.0 46.0 69.0
63 28.5 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: 99.702 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098073.D

Acq: 28 Aug 2017 18:31

Instrument :

BNA_F

ClientSampleId :

PB101862BL

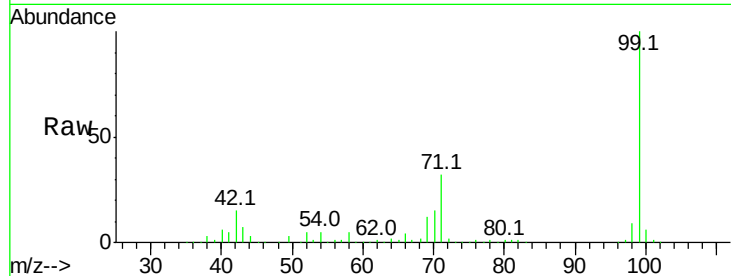
Tot Ion: 99 Resp: 1015605

Ion Ratio Lower Upper

99 100

42 14.5 13.5 20.3

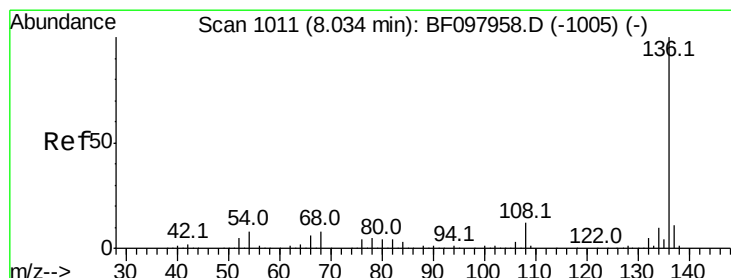
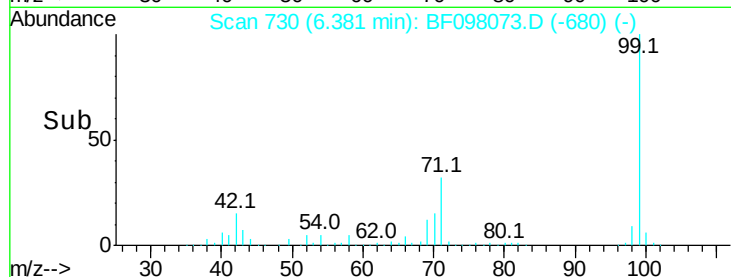
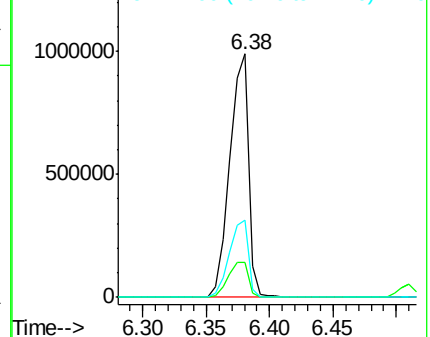
71 31.6 24.5 36.7



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: BF098073.D

Acq: 28 Aug 2017 18:31

Tgt Ion: 136 Resp: 463540

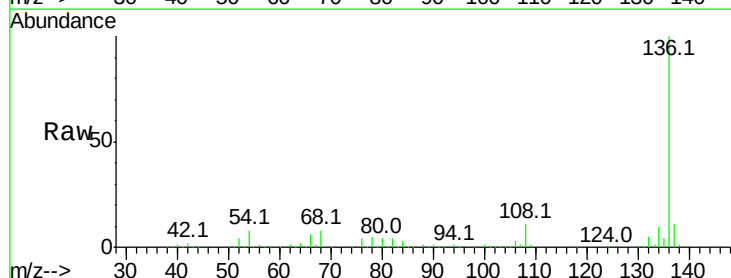
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.5 4.9 7.3#

68 7.6 4.1 6.1#

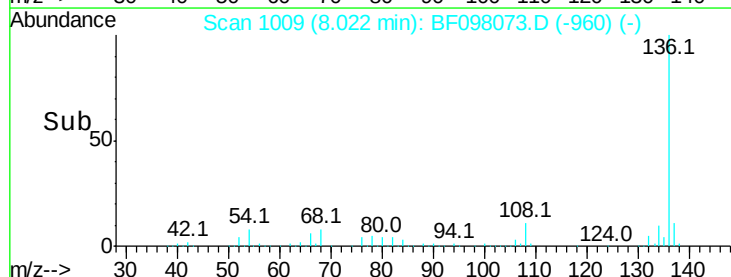
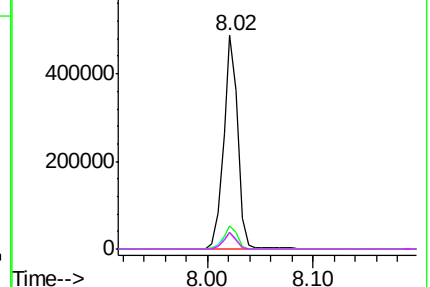


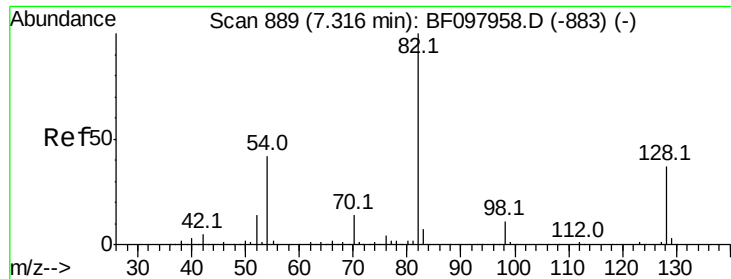
Abundance Ion 136.00 (135.70 to 136.70): E

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

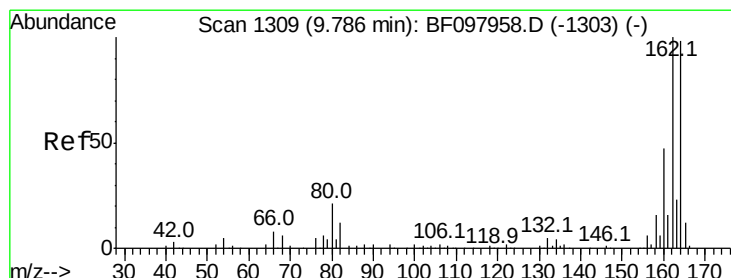
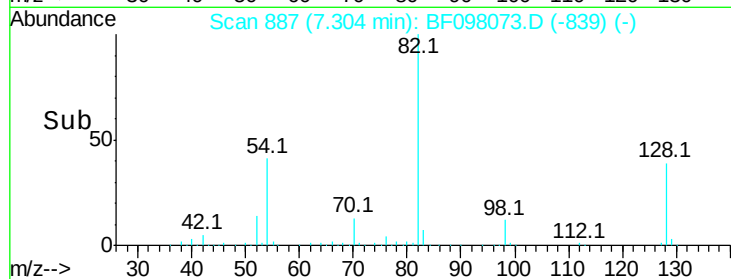
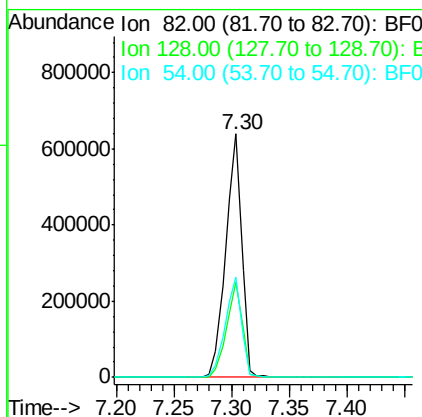
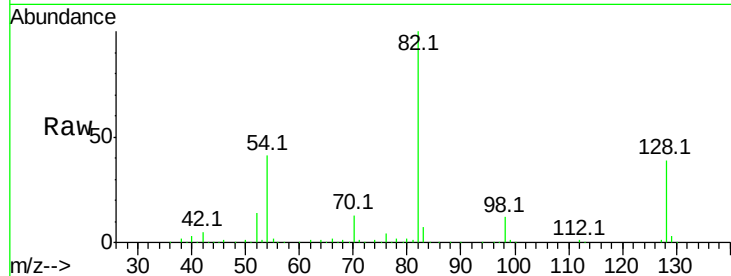




#23
 Nitrobenzene-d5
 Concen: 72.094 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

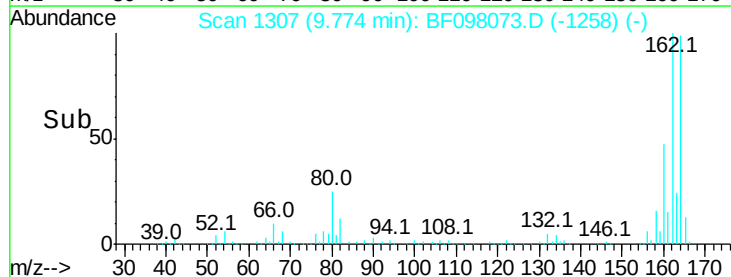
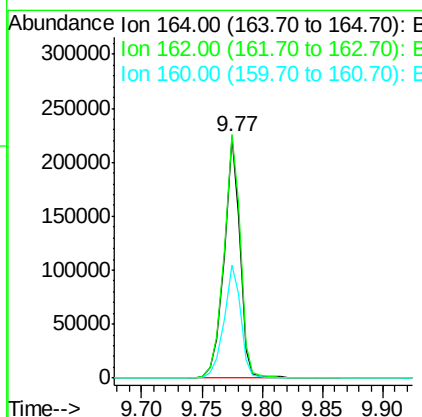
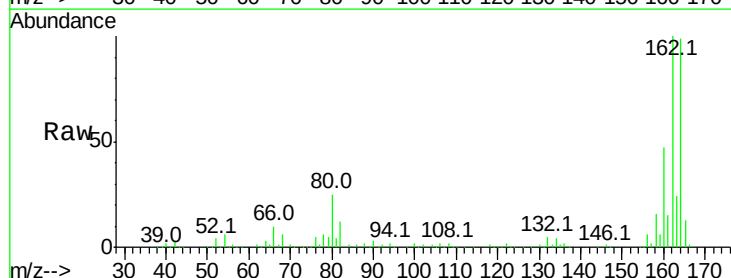
Instrument :
 BNA_F
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 PB101862BL

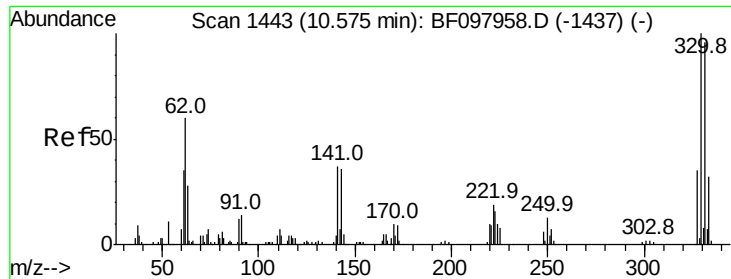
Tot Ion	82	Resp	615165
Ion Ratio	Lower	Upper	
82	100		
128	39.1	34.0	51.0
54	41.2	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Tgt Ion	164	Resp	202888
Ion Ratio	Lower	Upper	
164	100		
162	100.9	82.6	123.8
160	47.1	36.2	54.2

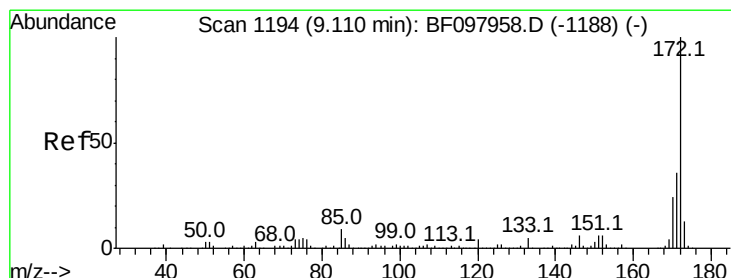
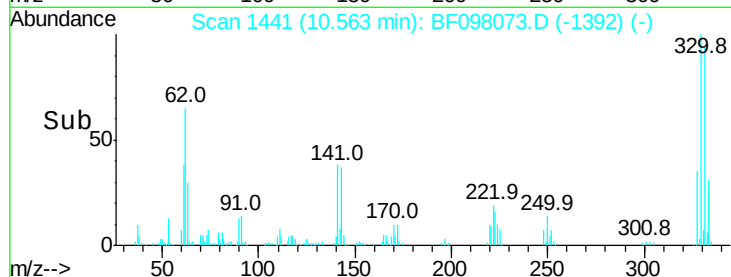
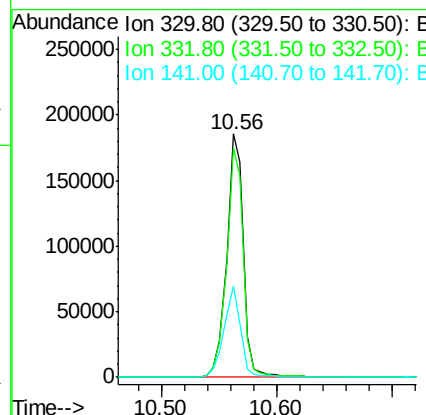
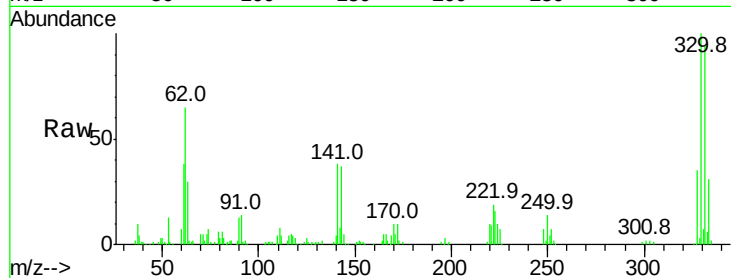




#41
 2,4,6-Tribromophenol
 Concen: 106.015 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

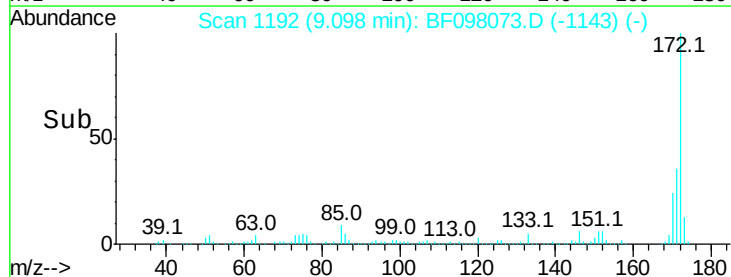
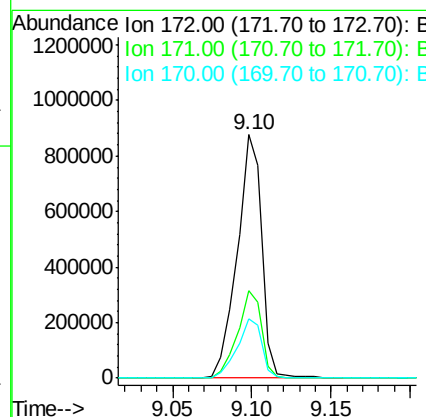
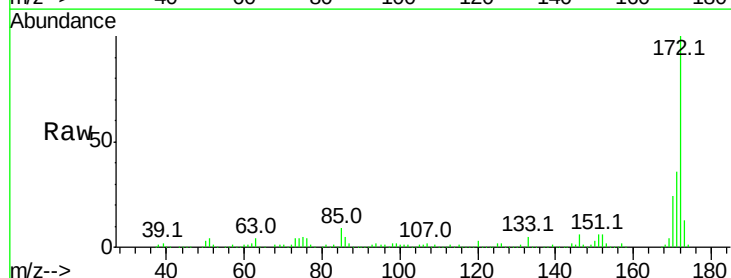
Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

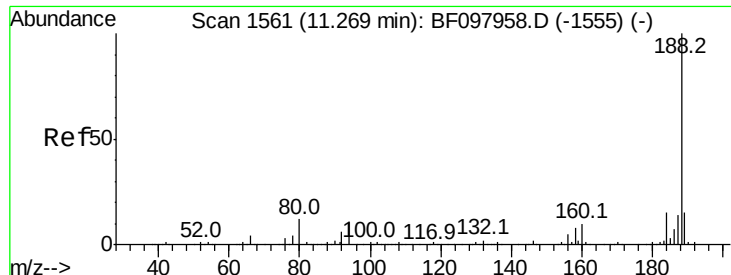
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.6	115.0
141	38.1	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 68.201 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.6	44.4
170	24.3	19.8	29.8

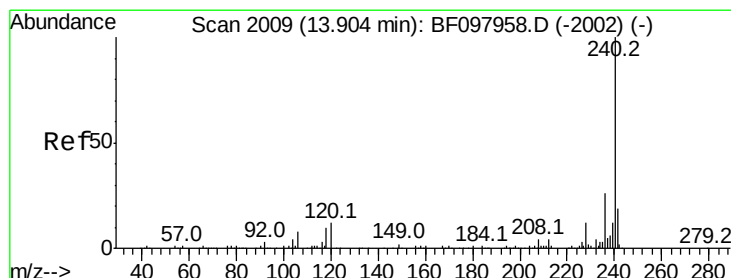
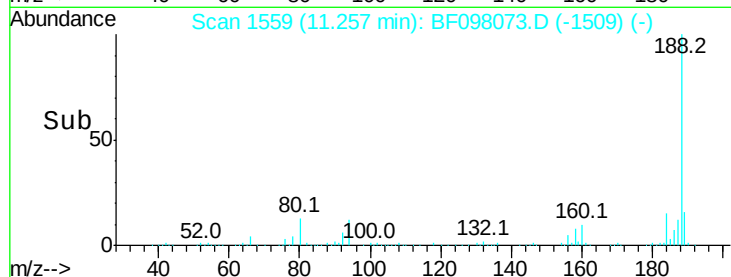
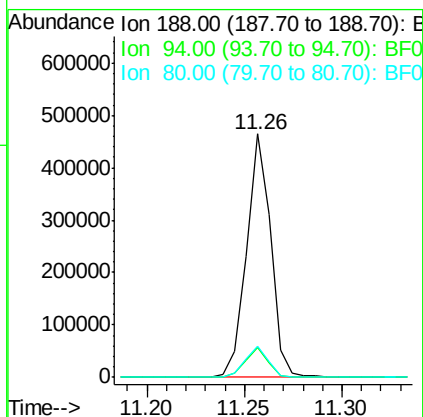
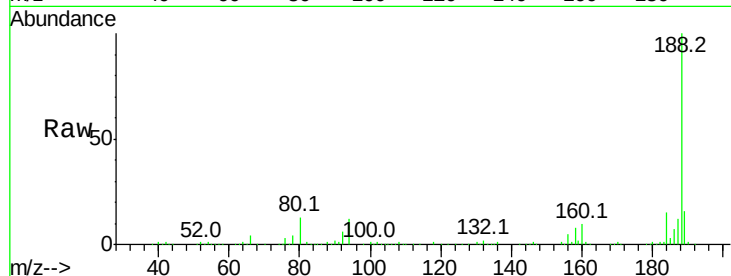




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

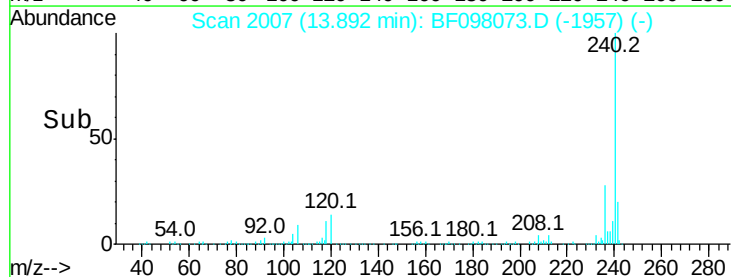
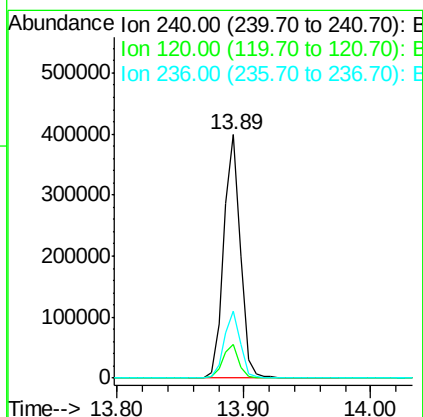
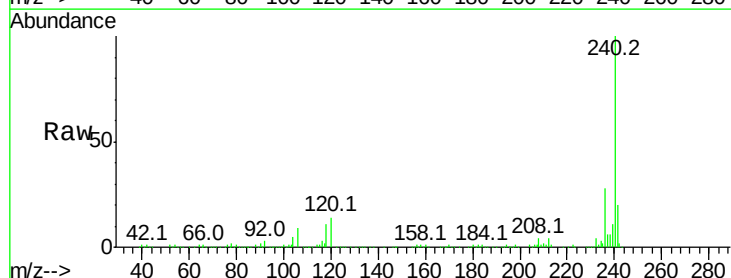
Instrument :
BNA_F
ClientSampleId :
PB101862BL

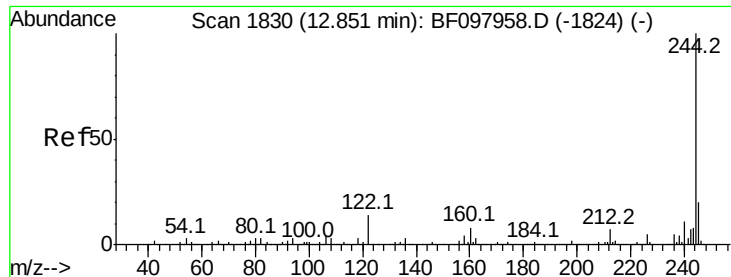
Tot Ion:188 Resp: 400180
Ion Ratio Lower Upper
188 100
94 12.3 9.4 14.2
80 12.6 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BF098073.D
Acq: 28 Aug 2017 18:31

Tgt Ion:240 Resp: 363974
Ion Ratio Lower Upper
240 100
120 13.6 5.8 8.8#
236 27.7 20.5 30.7

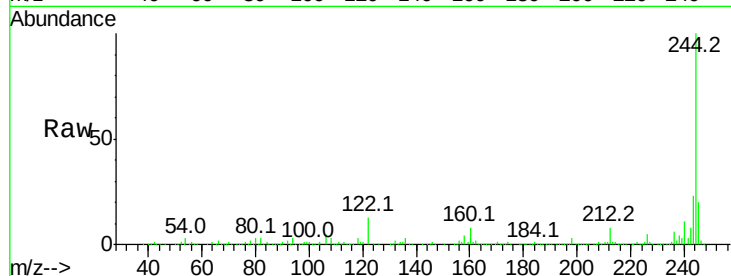




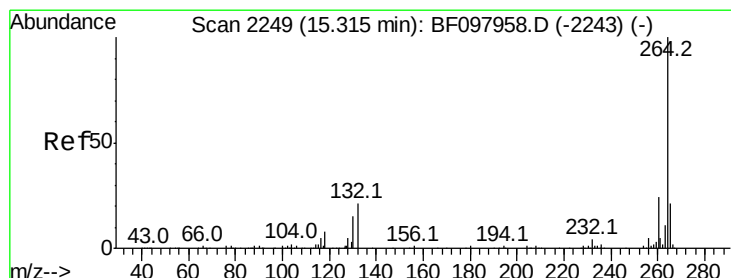
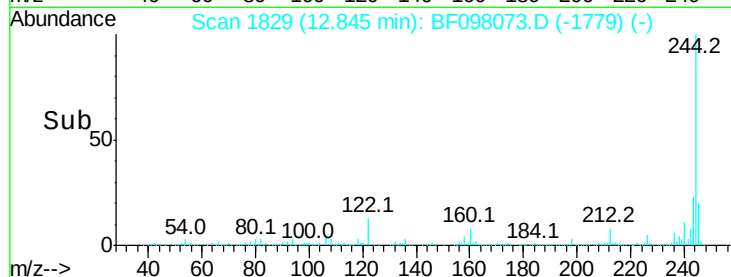
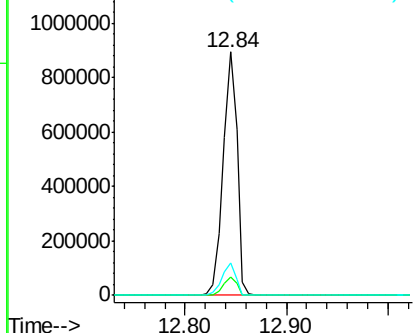
#78
 Terphenyl-d14
 Concen: 49.049 ng
 RT: 12.84 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Instrument :
 BNA_F
 ClientSampleId :
 PB101862BL

Tot Ion:244 Resp: 856107
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.0 9.0
 122 13.4 10.3 15.5

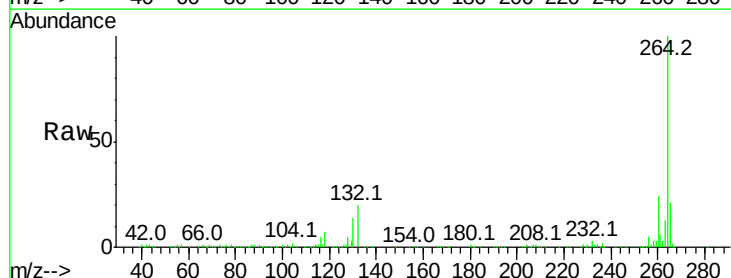


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098073.D
 Acq: 28 Aug 2017 18:31

Tgt Ion:264 Resp: 309966
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.5 29.3
 265 21.5 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

