

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098088.D
 Acq On : 29 Aug 2017 1:29
 Operator : SJ/JU
 Sample : I4969-06
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-B

Quant Time: Aug 29 09:14:04 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	109671	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	422747	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	184612	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	355915	20.00	ng	0.00
75) Chrysene-d12	13.89	240	294906	20.00	ng	-0.01
86) Perylene-d12	15.31	264	237186	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	783359	108.65	ng	0.00
7) Phenol-d6	6.38	99	961701	98.17	ng	0.00
23) Nitrobenzene-d5	7.30	82	704407	90.52	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	214170	133.70	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1042108	82.93	ng	-0.01
78) Terphenyl-d14	12.84	244	946315	66.92	ng	0.00

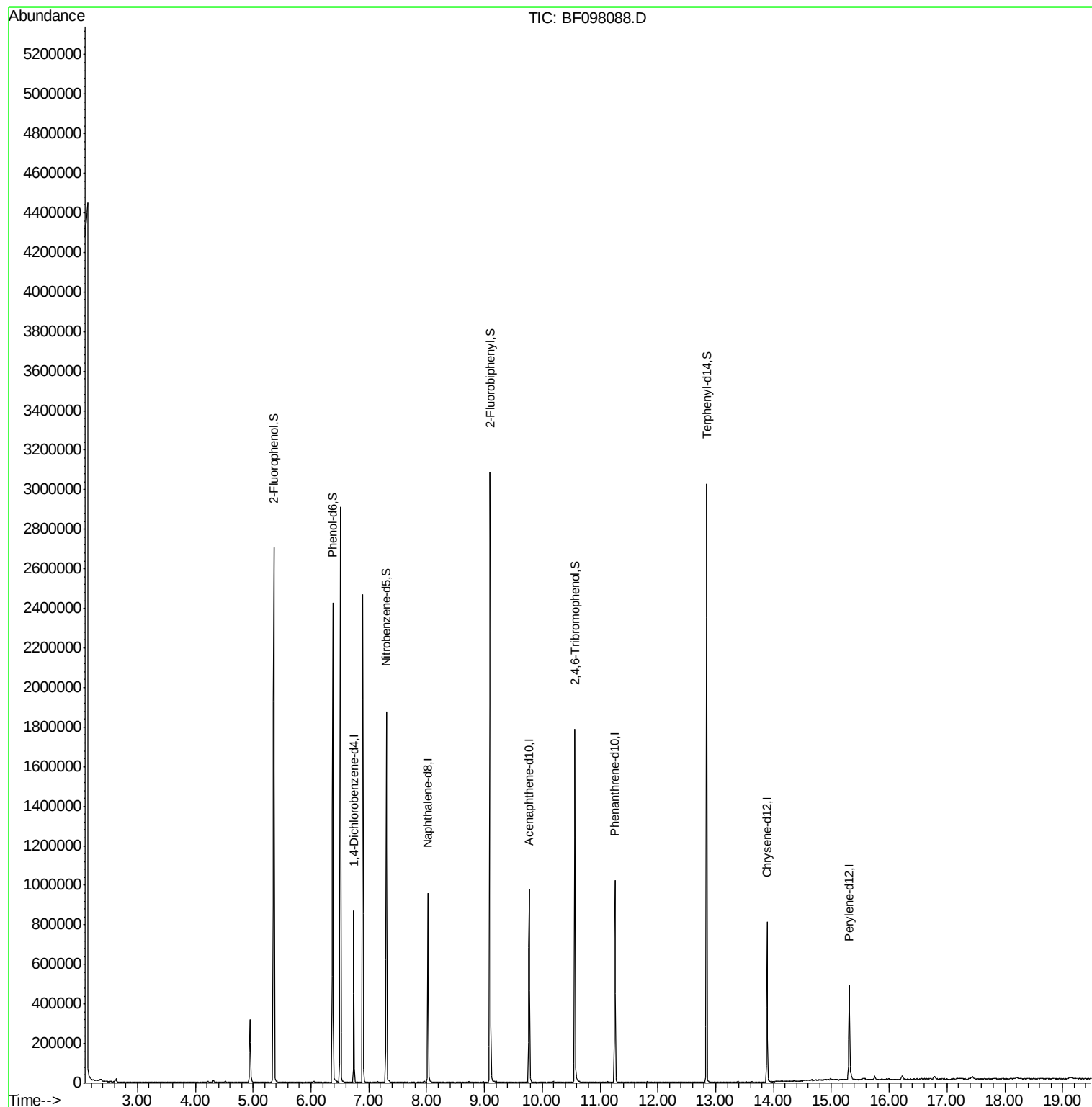
Target Compounds Qvalue

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

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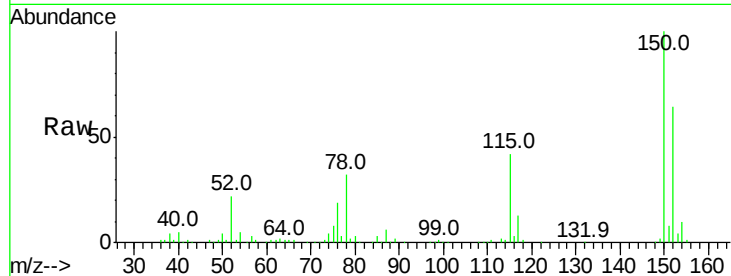


#1

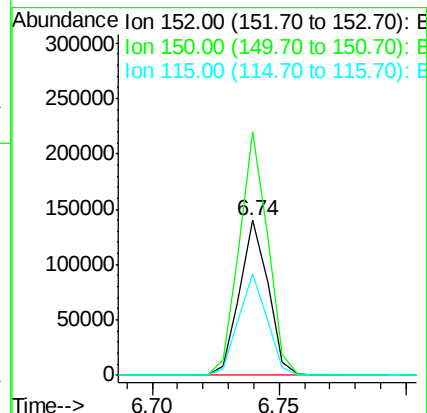
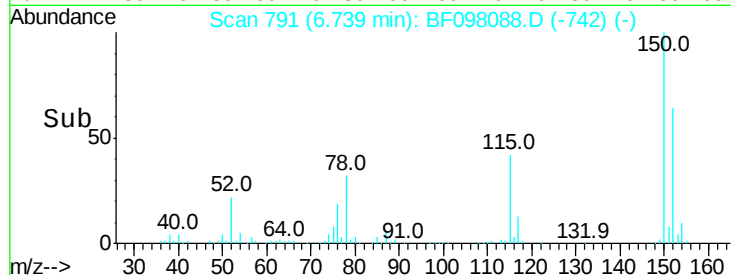
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098088.D
Acq: 29 Aug 2017 1:29

Instrument :
BNA_F
ClientSampleId :
BU-01-082417-B

Tot Ion:152 Resp: 109671
Ion Ratio Lower Upper
152 100
150 157.3 126.2 189.2
115 66.0 52.2 78.2



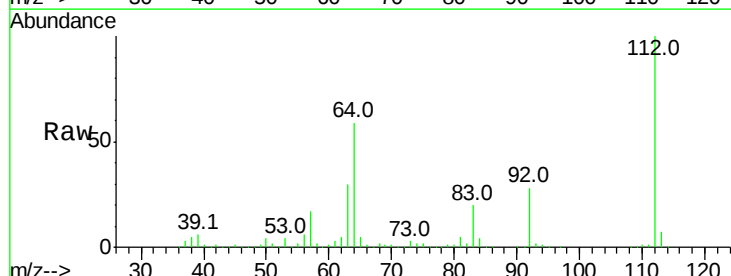
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



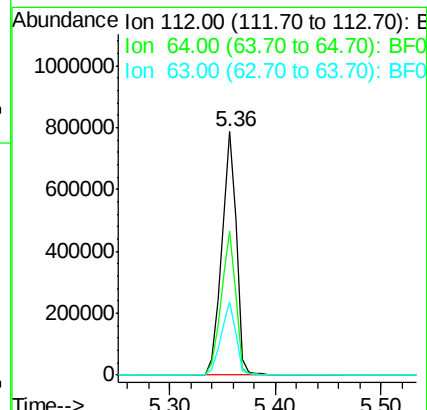
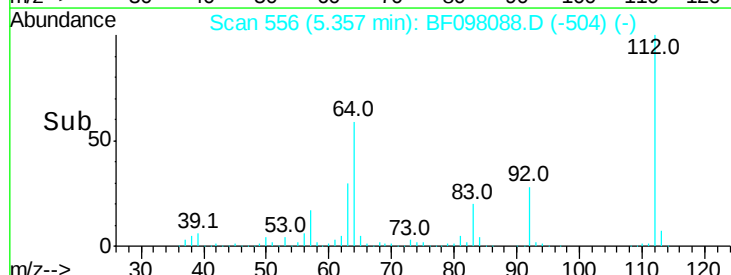
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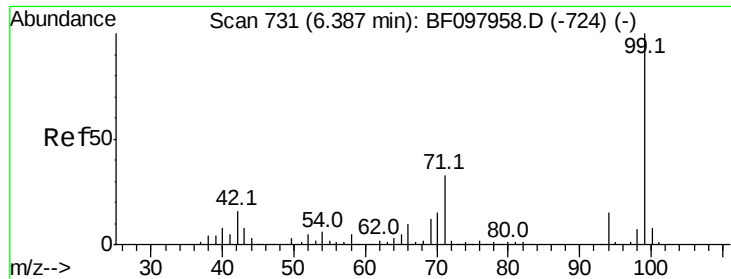
2-Fluorophenol
Concen: 108.647 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF098088.D
Acq: 29 Aug 2017 1:29

Tgt Ion:112 Resp: 783359
Ion Ratio Lower Upper
112 100
64 58.8 46.0 69.0
63 30.1 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: 98.168 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098088.D

Acq: 29 Aug 2017 1:29

Instrument :

BNA_F

ClientSampleId :

BU-01-082417-B

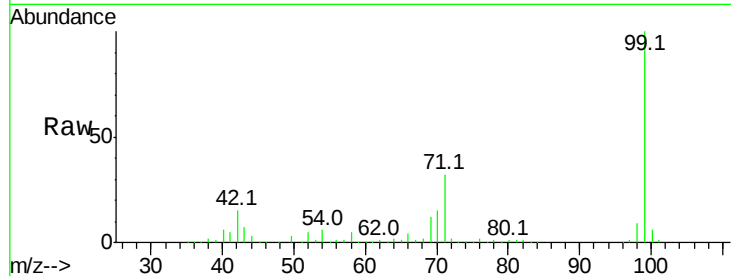
Tot Ion: 99 Resp: 961701

Ion Ratio Lower Upper

99 100

42 14.7 13.5 20.3

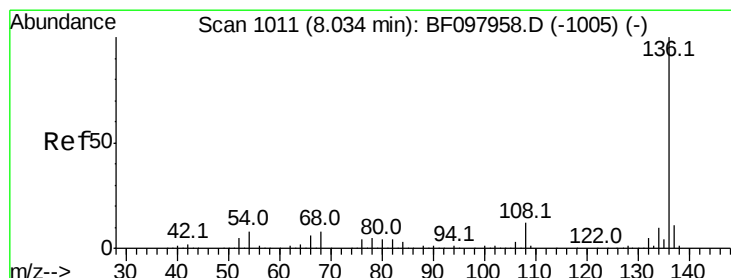
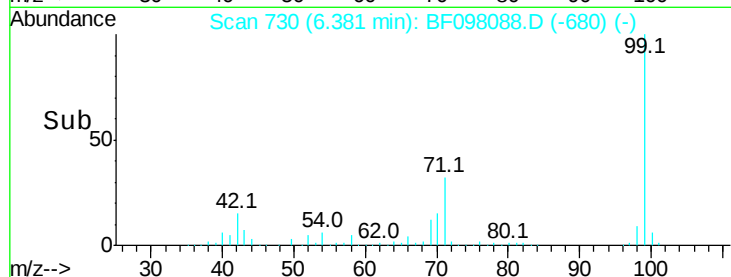
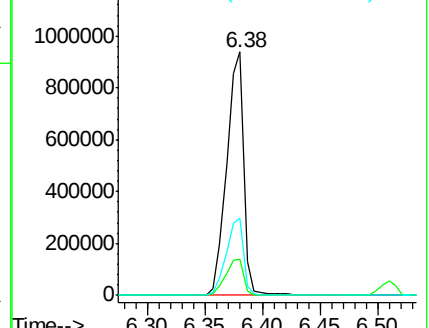
71 31.6 24.5 36.7



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: BF098088.D

Acq: 29 Aug 2017 1:29

Tgt Ion: 136 Resp: 422747

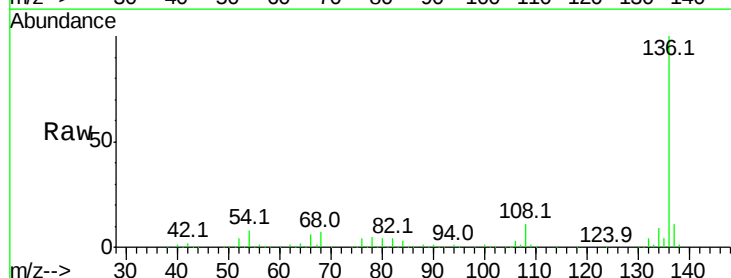
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.7 4.9 7.3#

68 7.2 4.1 6.1#

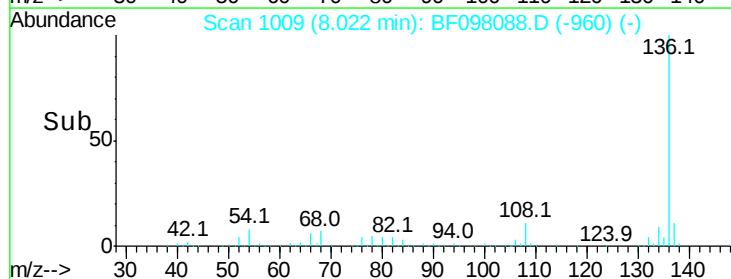
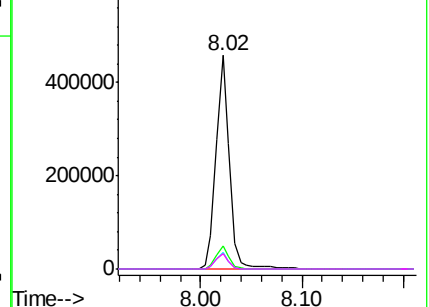


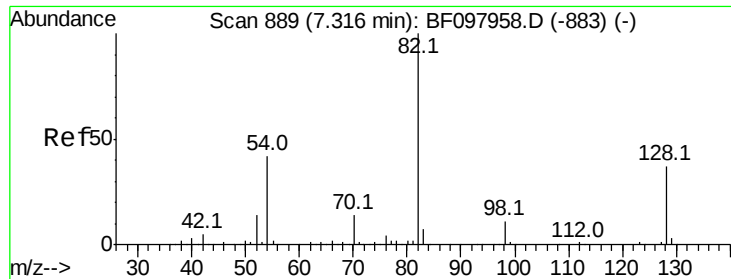
Abundance Ion 136.00 (135.70 to 136.70): E

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

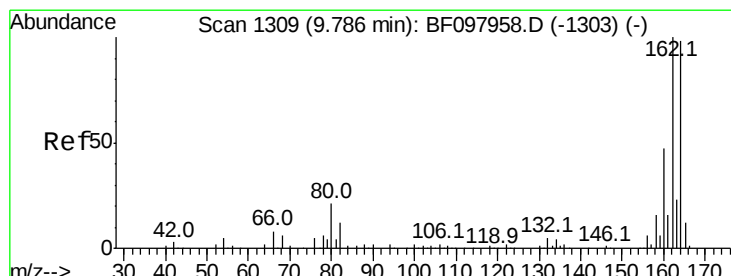
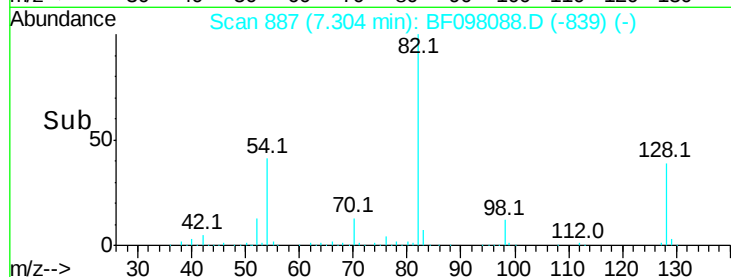
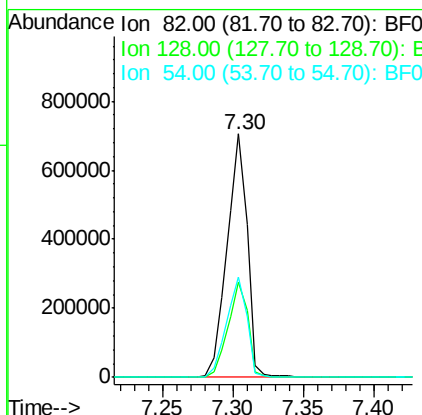
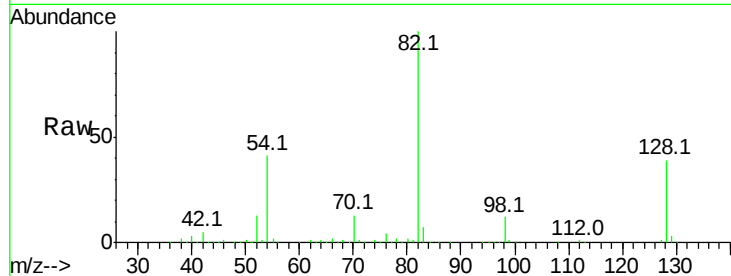




#23
 Nitrobenzene-d5
 Concen: 90.519 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098088.D
 Acq: 29 Aug 2017 1:29

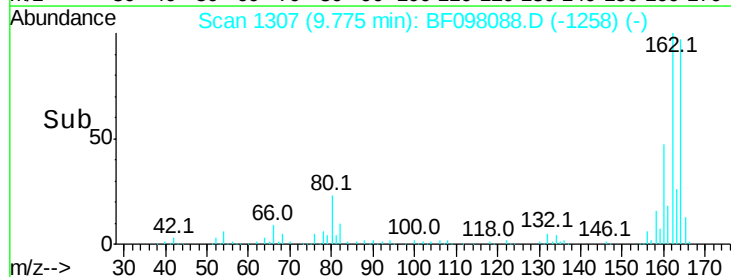
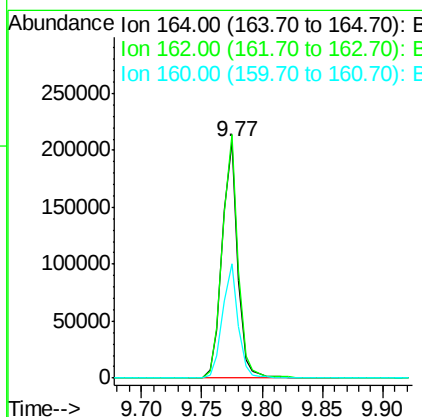
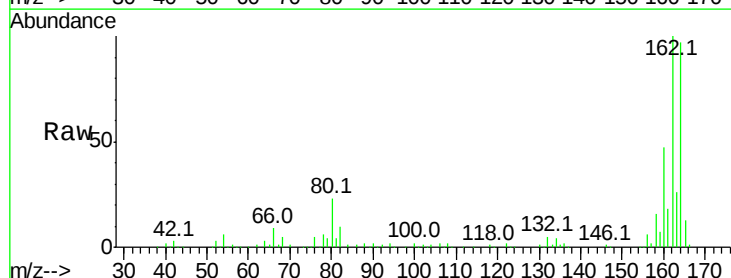
Instrument :
 BNA_F
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 BU-01-082417-B

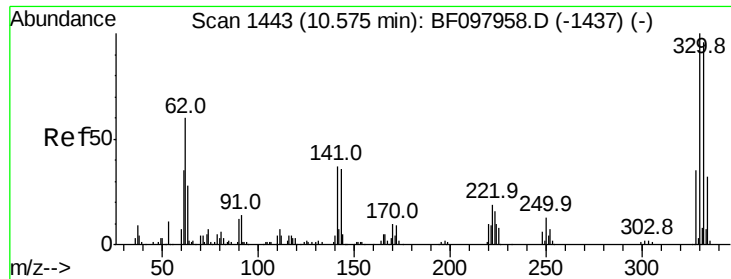
Tot Ion	Ratio	Lower	Upper
82	100		
128	39.1	34.0	51.0
54	40.9	42.2	63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098088.D
 Acq: 29 Aug 2017 1:29

Tgt Ion	Ratio	Lower	Upper
164	100		
162	103.1	82.6	123.8
160	48.2	36.2	54.2

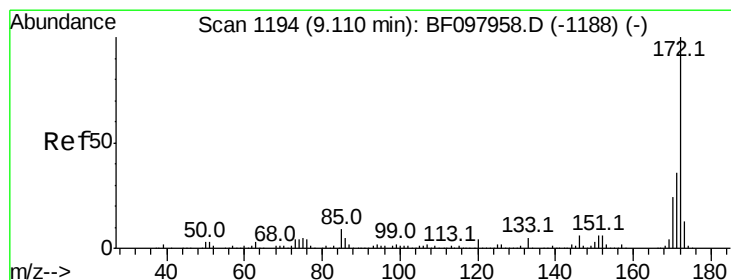
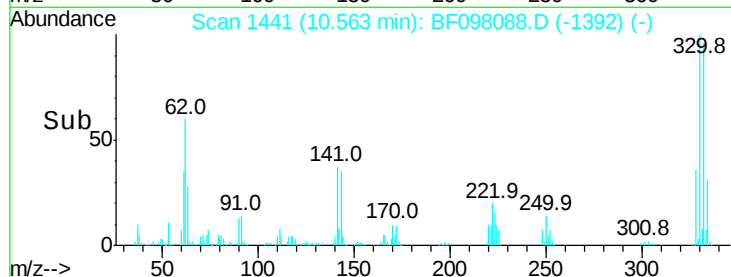
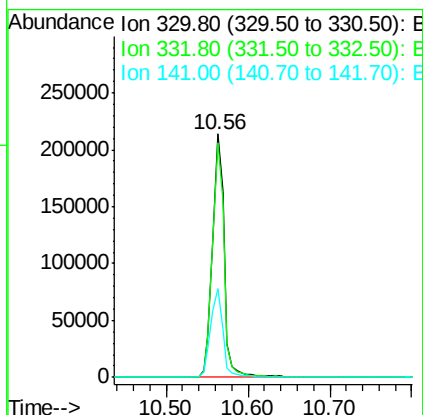
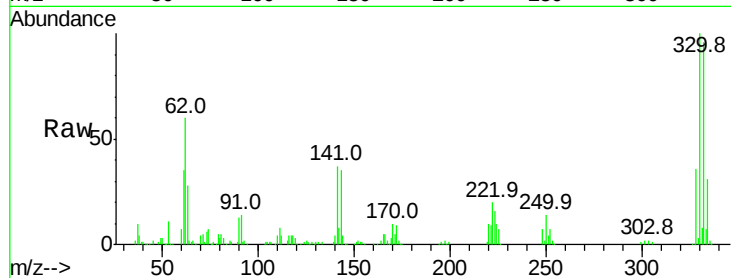




#41
 2,4,6-Tribromophenol
 Concen: 133.705 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098088.D
 Acq: 29 Aug 2017 1:29

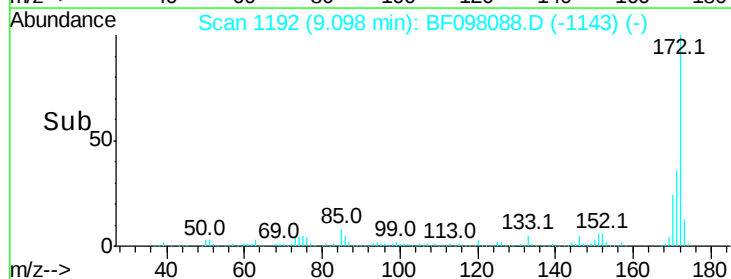
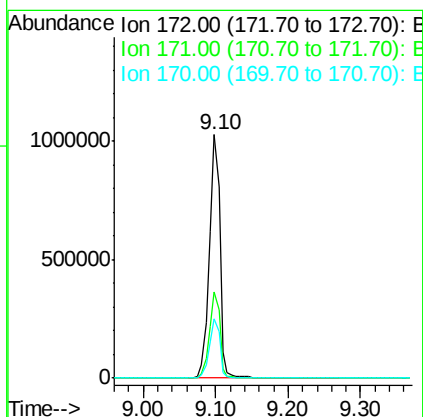
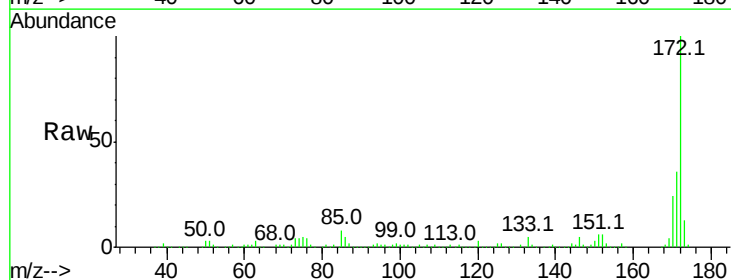
Instrument :
 BNA_F
 ClientSampleId :
 BU-01-082417-B

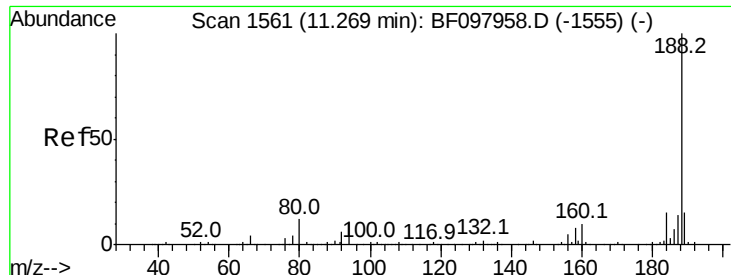
Tot Ion:330 Resp: 214170
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.6 115.0
 141 38.0 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 82.935 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098088.D
 Acq: 29 Aug 2017 1:29

Tgt Ion:172 Resp: 1042108
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.6 44.4
 170 24.4 19.8 29.8

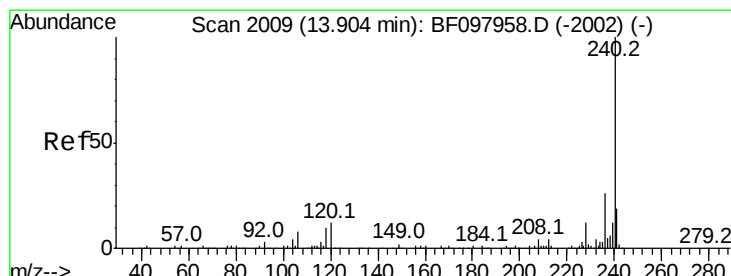
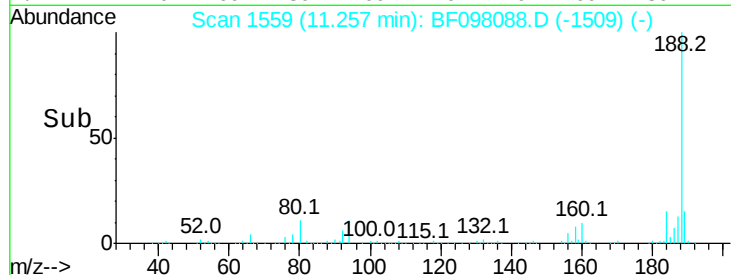
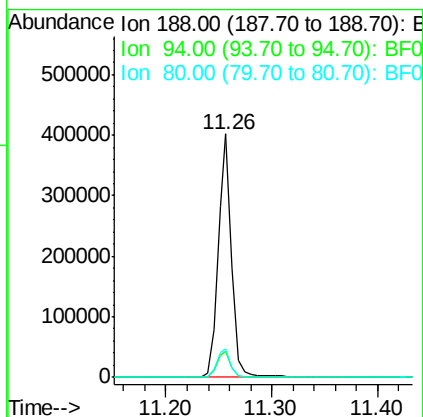
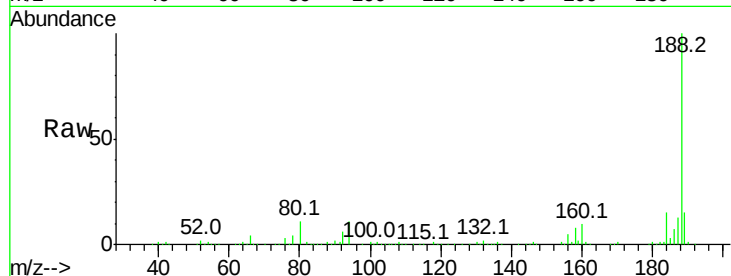




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.26 min Scan# 1559
Delta R.T. -0.01 min
Lab File: BF098088.D
Acq: 29 Aug 2017 1:29

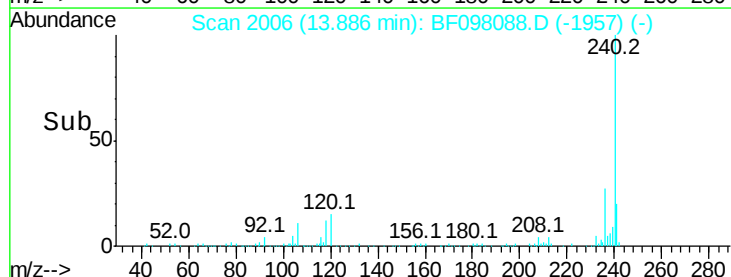
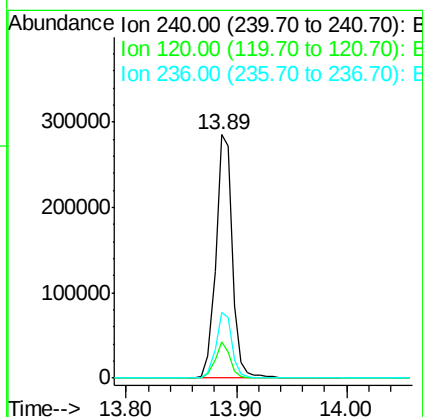
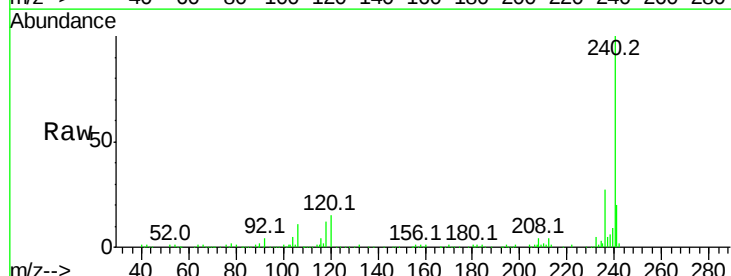
Instrument :
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ClientSampleId :
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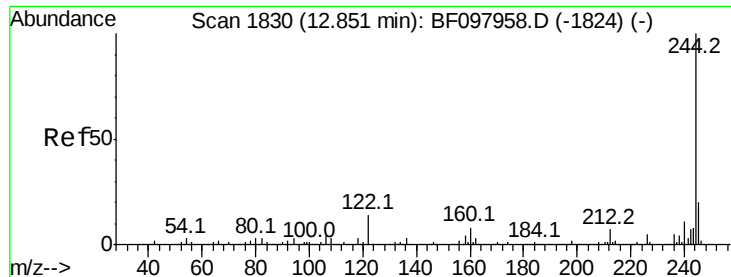
Tot Ion:188 Resp: 355915
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.89 min Scan# 2006
Delta R.T. -0.01 min
Lab File: BF098088.D
Acq: 29 Aug 2017 1:29

Tgt Ion:240 Resp: 294906
Ion Ratio Lower Upper
240 100
120 15.0 5.8 8.8#
236 27.0 20.5 30.7





#78

Terphenyl-d14

Concen: 66.916 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098088.D

Acq: 29 Aug 2017 1:29

Instrument :

BNA_F

ClientSampleId :

BU-01-082417-B

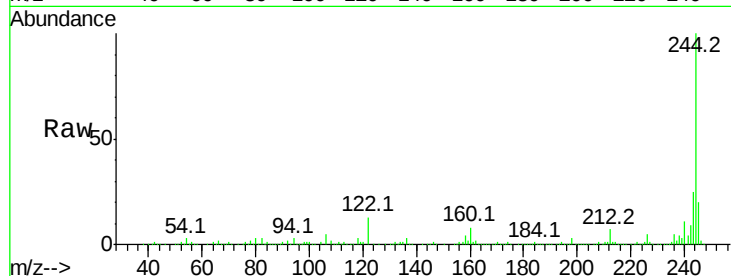
Tot Ion:244 Resp: 946315

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

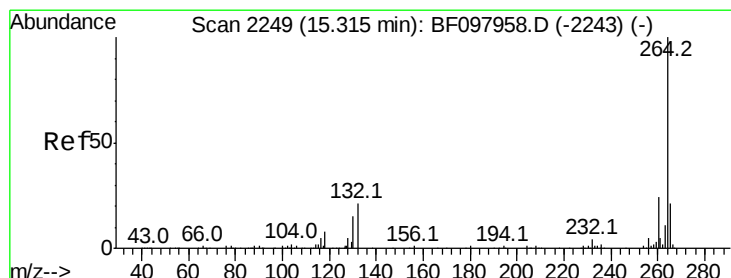
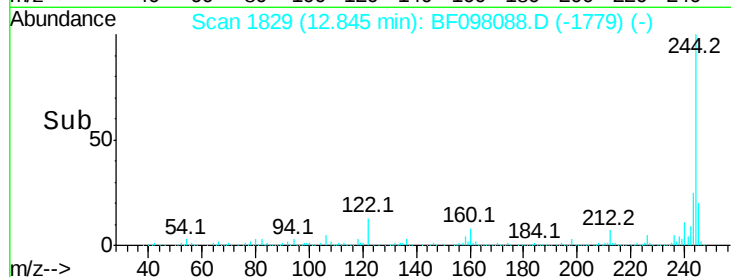
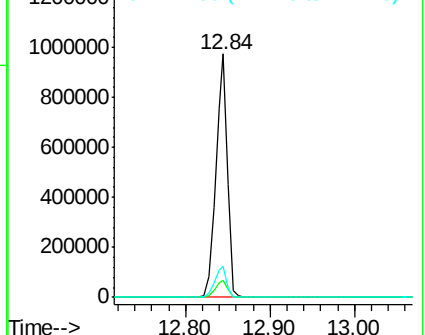
122 12.8 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF098088.D

Acq: 29 Aug 2017 1:29

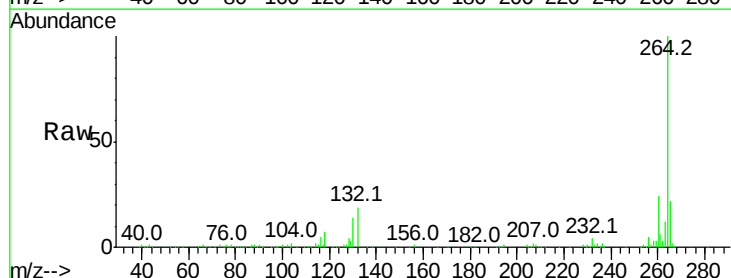
Tgt Ion:264 Resp: 237186

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.6 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

