

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF090617\
 Data File : BF098288.D
 Acq On : 6 Sep 2017 22:30
 Operator : SJ/JU
 Sample : I5092-01 2X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090117

Quant Time: Sep 07 06:37:31 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 05 17:28:20 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	105282	20.00	ng	-0.01
21) Naphthalene-d8	7.98	136	401534	20.00	ng	0.00
38) Acenaphthene-d10	9.73	164	156517	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	256408	20.00	ng	0.00
75) Chrysene-d12	13.84	240	226929	20.00	ng	-0.02
86) Perylene-d12	15.26	264	155945	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	274124	39.60	ng	-0.01
7) Phenol-d6	6.33	99	366366	38.96	ng	-0.02
23) Nitrobenzene-d5	7.26	82	203716	27.56	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	45367	33.41	ng	-0.01
44) 2-Fluorobiphenyl	9.06	172	317740	29.83	ng	-0.01
78) Terphenyl-d14	12.80	244	205987	18.93	ng	-0.01

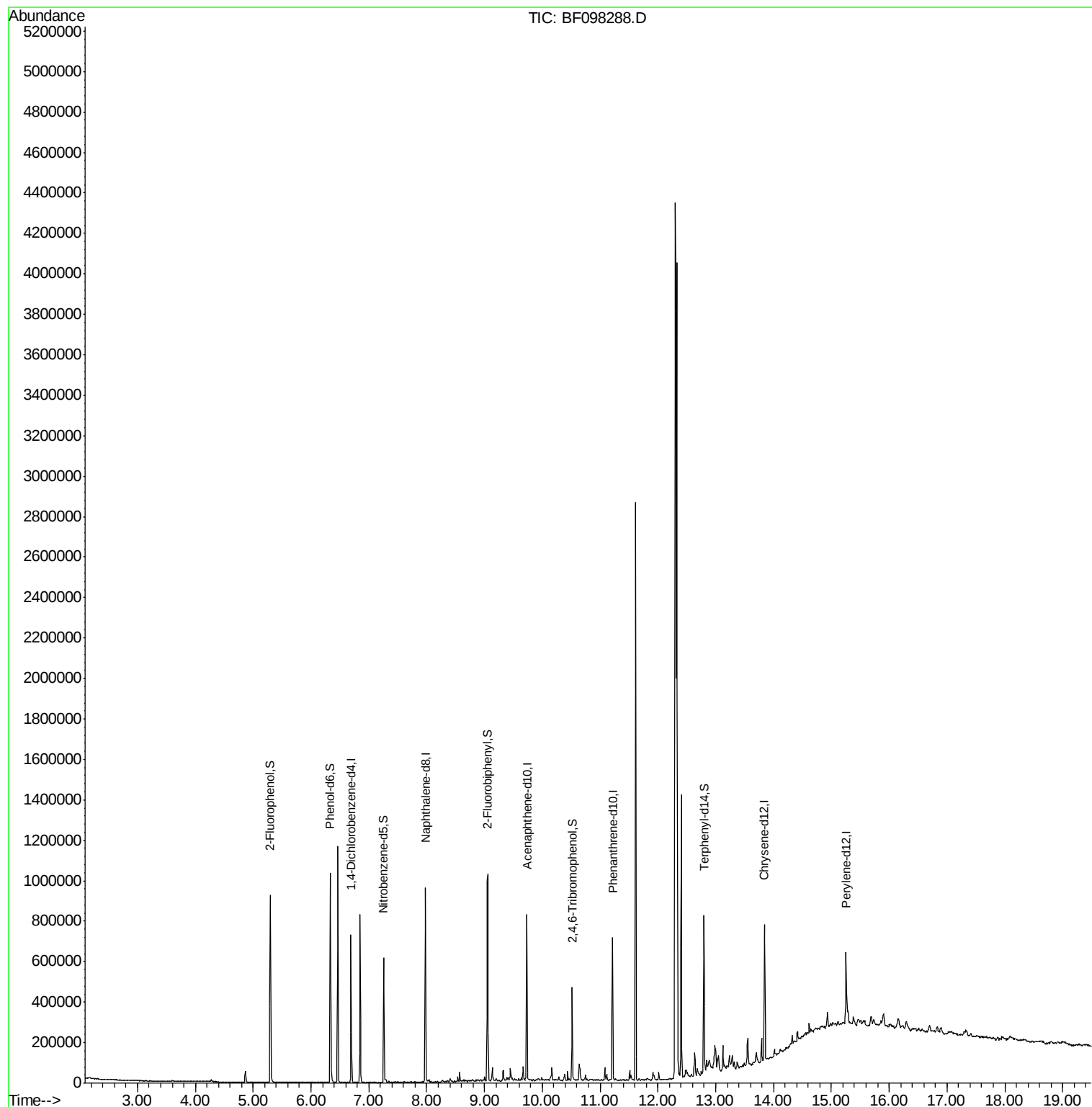
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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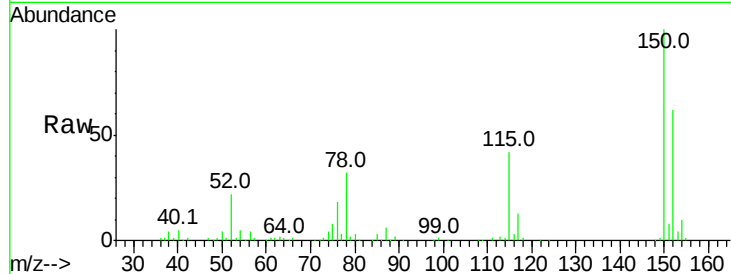


#1

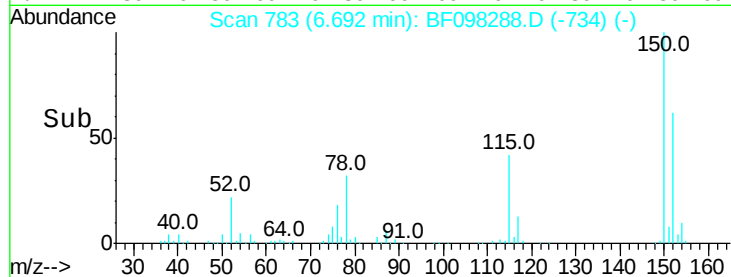
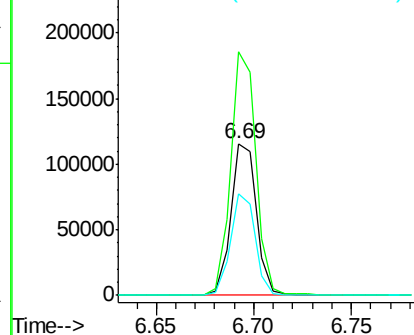
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
BU-02-090117

Tot Ion:152 Resp: 105282
Ion Ratio Lower Upper
152 100
150 160.1 126.2 189.2
115 67.1 52.2 78.2



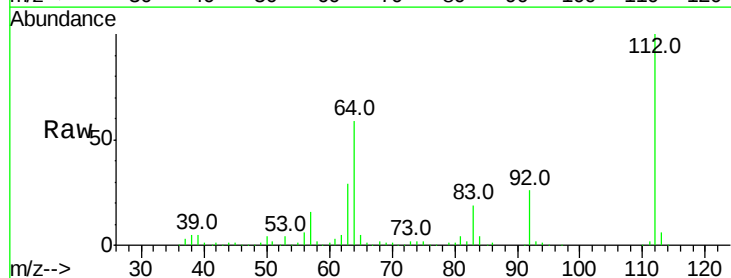
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



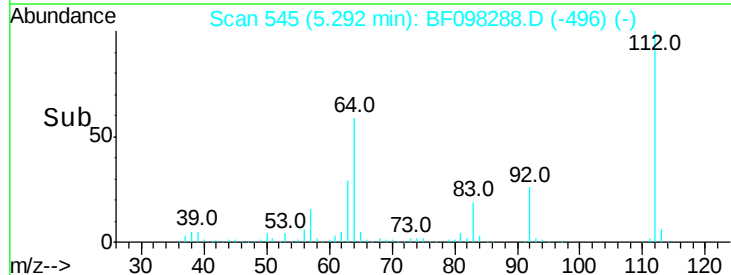
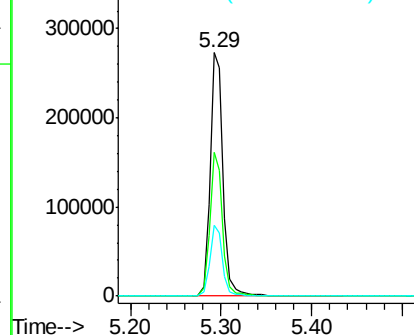
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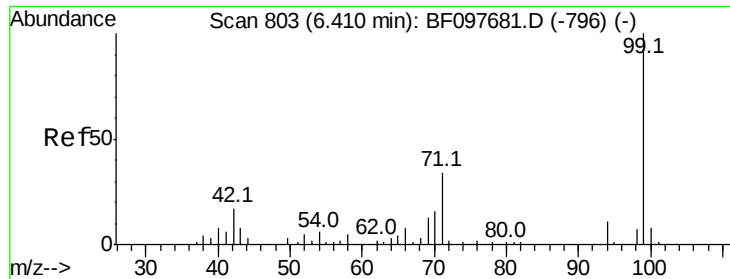
2-Fluorophenol
Concen: 39.604 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Tgt Ion:112 Resp: 274124
Ion Ratio Lower Upper
112 100
64 59.3 46.0 69.0
63 29.2 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: 38.957 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.02 min

Lab File: BF098288.D

Acq: 6 Sep 2017 22:30

Instrument :

BNA_F

ClientSampleId :

BU-02-090117

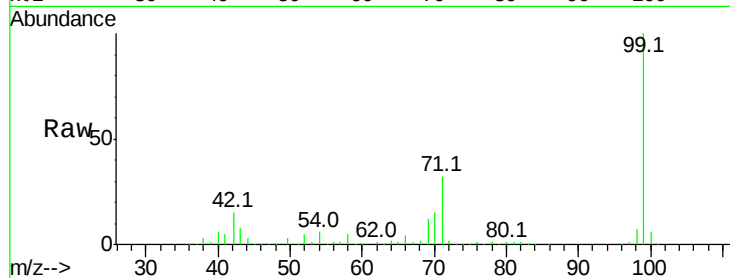
Tot Ion: 99 Resp: 366366

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

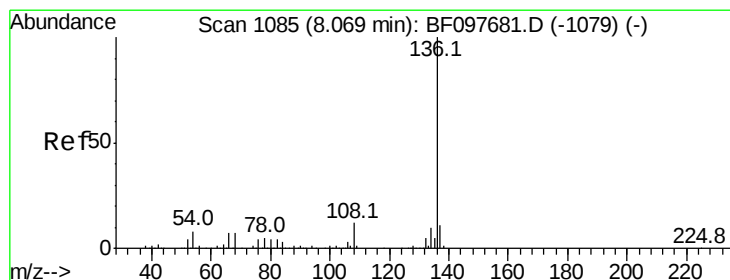
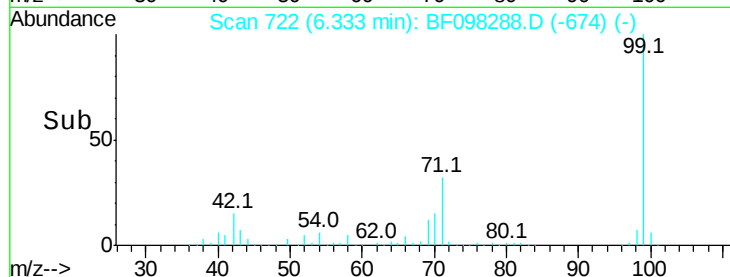
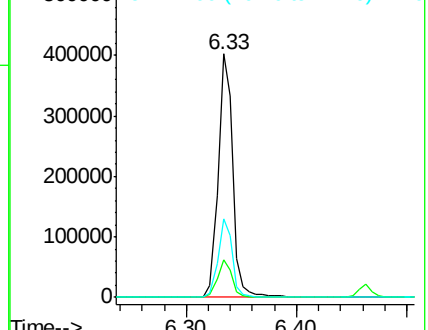
71 32.1 24.5 36.7



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: 7.98 min Scan# 1002

Delta R.T. -0.01 min

Lab File: BF098288.D

Acq: 6 Sep 2017 22:30

Tgt Ion: 136 Resp: 401534

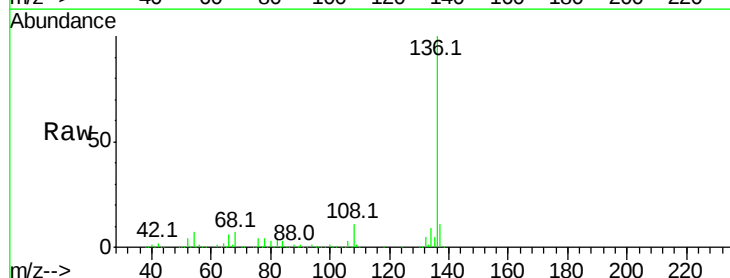
Ion Ratio Lower Upper

136 100

137 10.8 8.5 12.7

54 7.2 4.9 7.3

68 7.2 4.1 6.1#

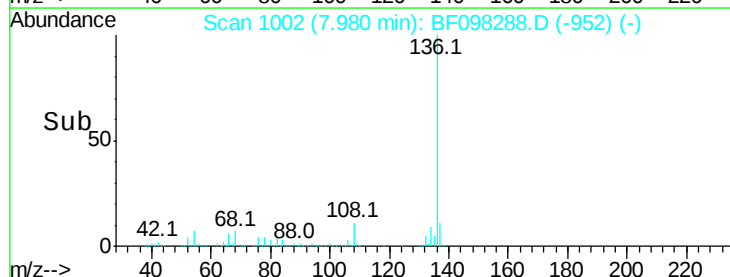
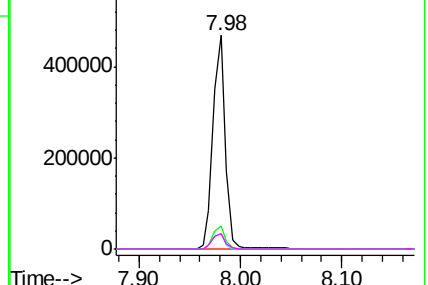


Abundance Ion 136.00 (135.70 to 136.70): E

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

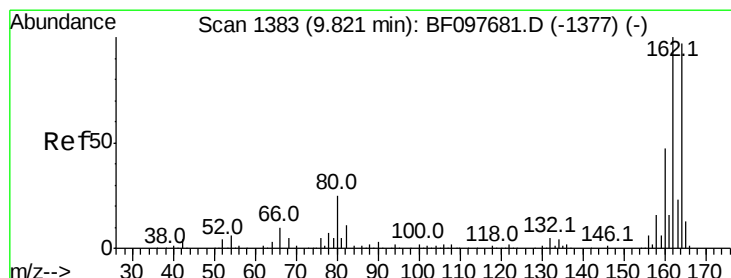
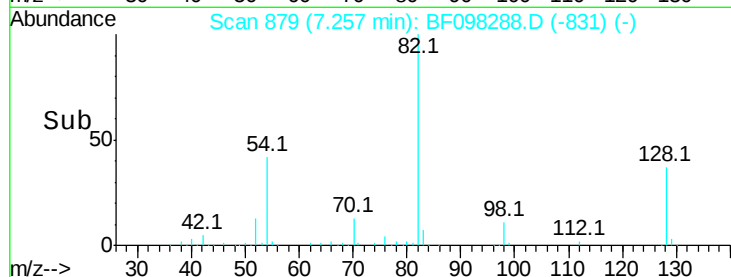
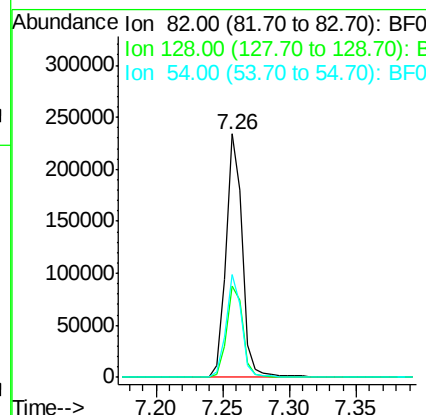
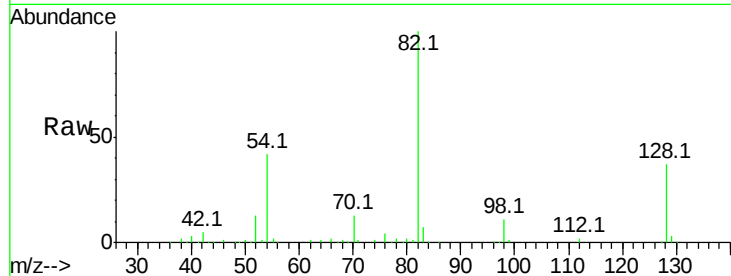




#23
 Nitrobenzene-d5
 Concen: 27.561 ng
 RT: 7.26 min Scan# 879
 Delta R.T. -0.02 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

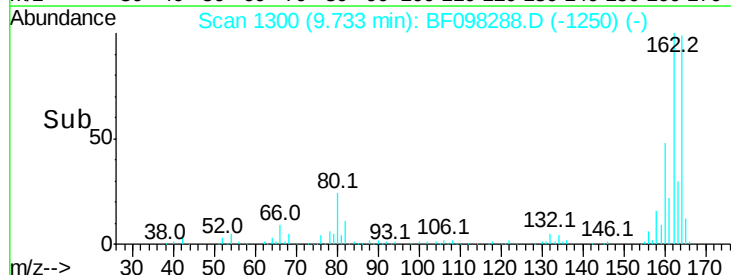
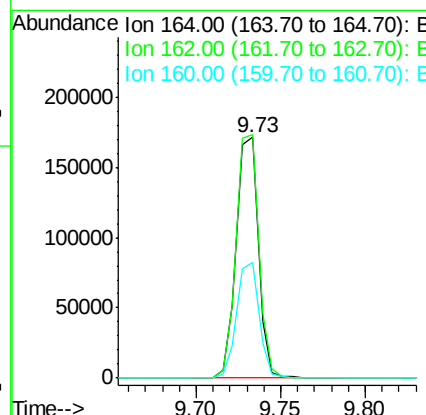
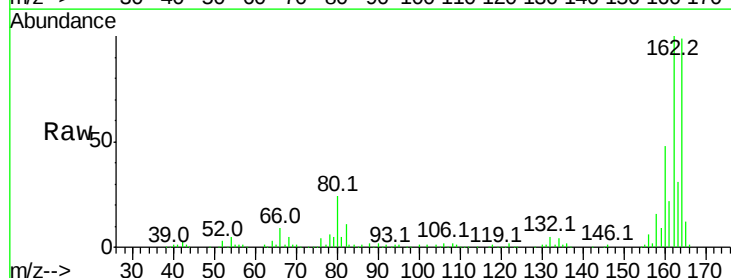
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090117

Tot Ion	82	Resp	203716
Ion Ratio	Lower	Upper	
82	100		
128	37.4	34.0	51.0
54	42.2	42.2	63.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.73 min Scan# 1300
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Tgt Ion	164	Resp	156517
Ion Ratio	Lower	Upper	
164	100		
162	101.2	82.6	123.8
160	48.3	36.2	54.2

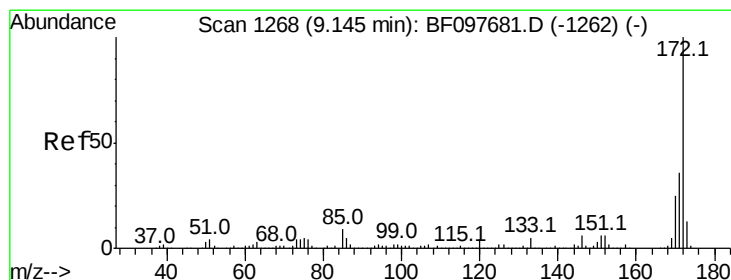
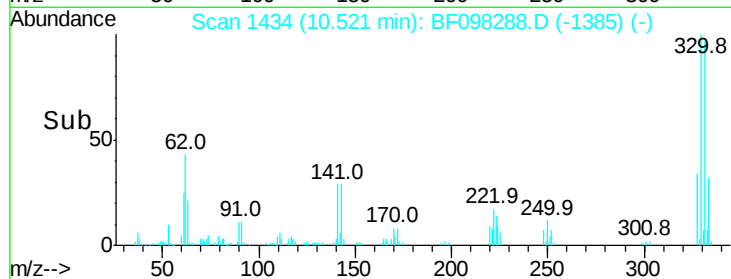
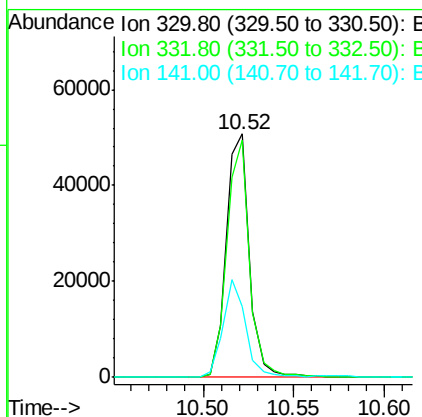
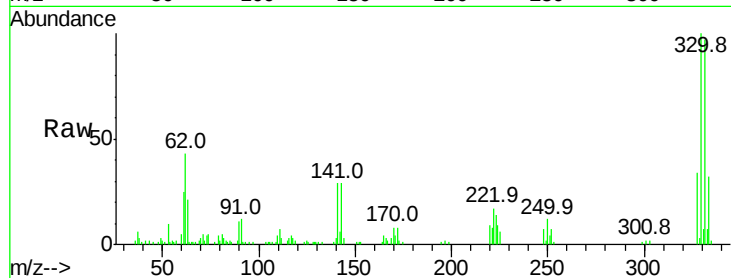




#41
 2,4,6-Tribromophenol
 Concen: 33.406 ng
 RT: 10.52 min Scan# 1434
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

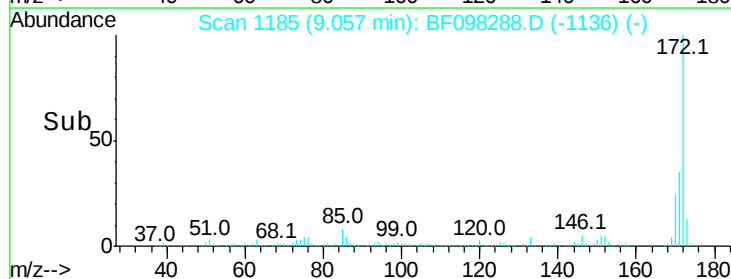
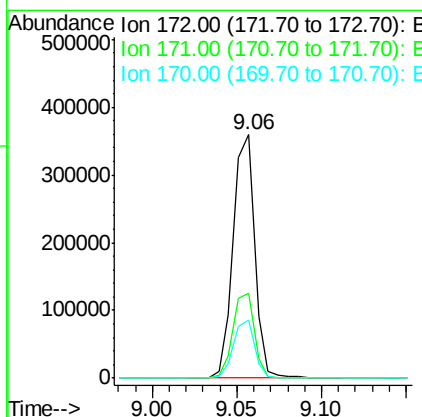
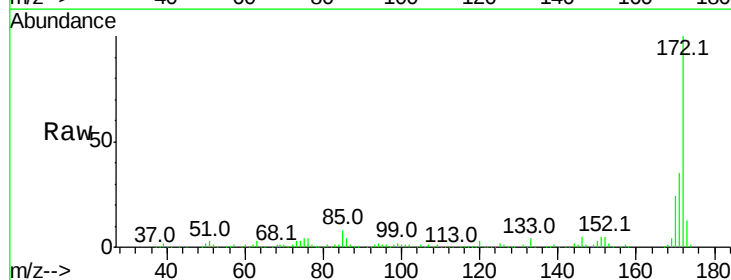
Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090117

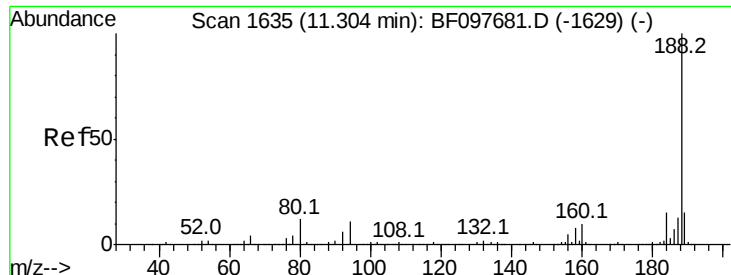
Tot Ion:330 Resp: 45367
 Ion Ratio Lower Upper
 330 100
 332 95.0 76.6 115.0
 141 39.4 31.4 47.2



#44
 2-Fluorobiphenyl
 Concen: 29.826 ng
 RT: 9.06 min Scan# 1185
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Tgt Ion:172 Resp: 317740
 Ion Ratio Lower Upper
 172 100
 171 35.0 29.6 44.4
 170 23.6 19.8 29.8

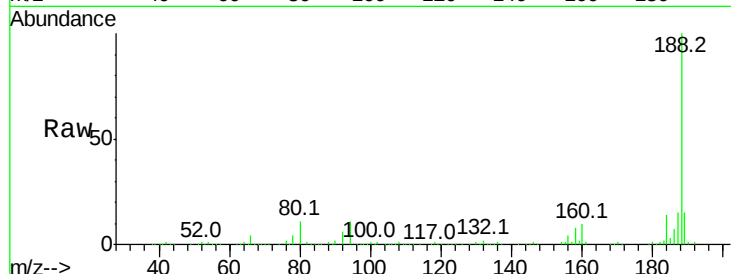




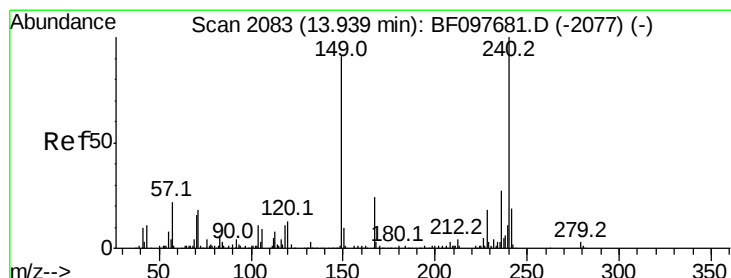
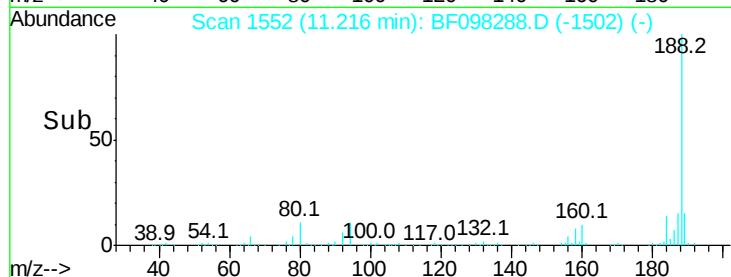
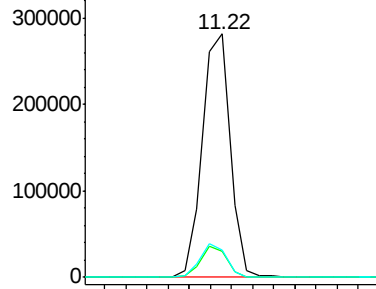
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.01 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Instrument :
BNA_F
ClientSampleId :
BU-02-090117

Tot Ion:188 Resp: 256408
Ion Ratio Lower Upper
188 100
94 10.7 9.4 14.2
80 11.3 10.2 15.2

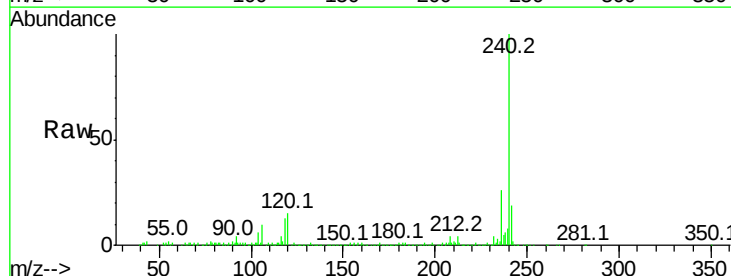


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

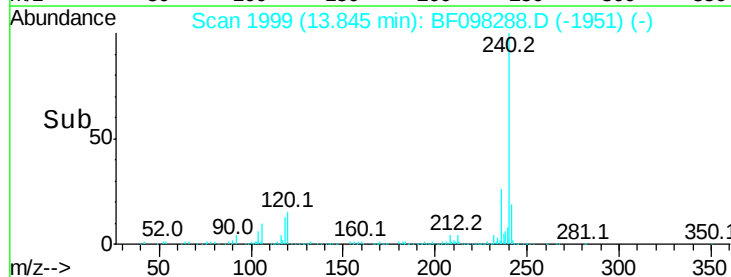
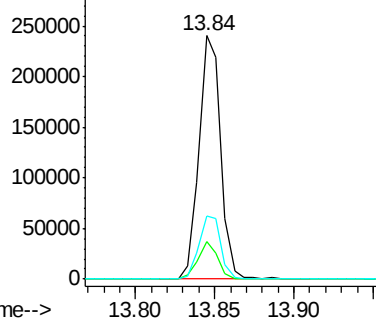


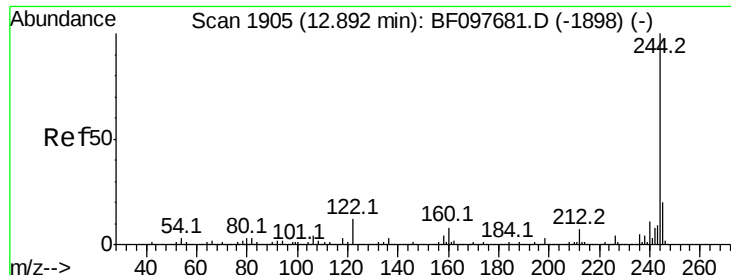
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. -0.02 min
Lab File: BF098288.D
Acq: 6 Sep 2017 22:30

Tgt Ion:240 Resp: 226929
Ion Ratio Lower Upper
240 100
120 15.2 5.8 8.8#
236 26.0 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

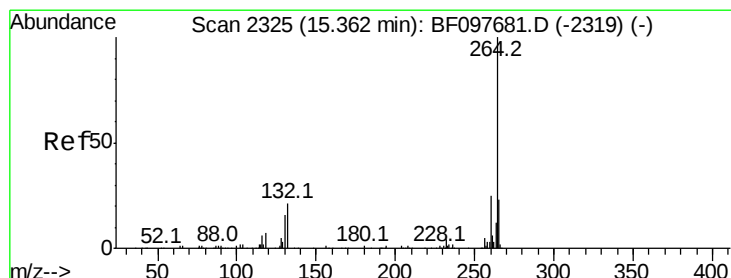
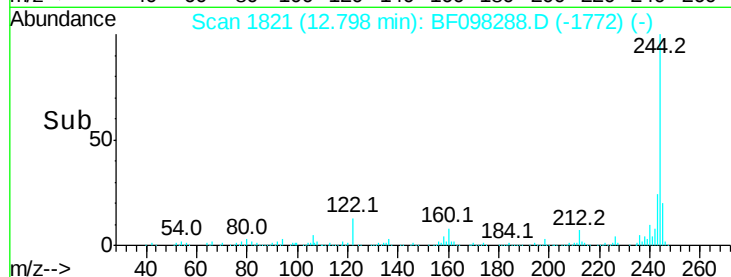
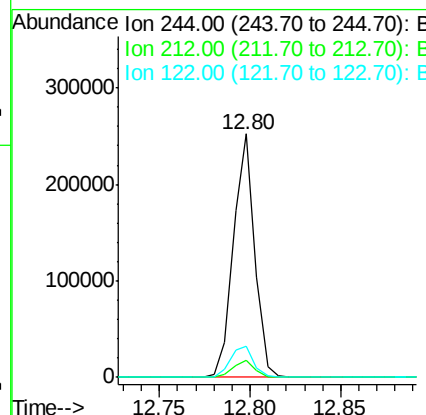
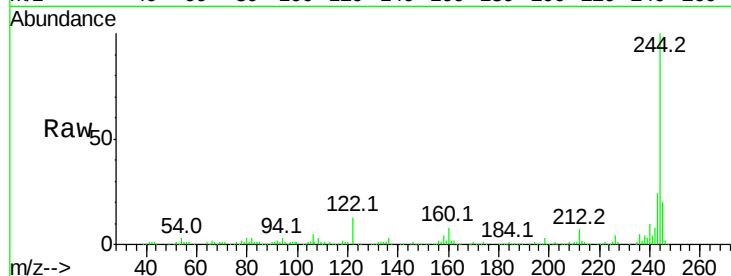




#78
 Terphenyl-d14
 Concen: 18.929 ng
 RT: 12.80 min Scan# 1821
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Instrument :
 BNA_F
 ClientSampleId :
 BU-02-090117

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.9	6.0	9.0
122	12.6	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.26 min Scan# 2239
 Delta R.T. -0.01 min
 Lab File: BF098288.D
 Acq: 6 Sep 2017 22:30

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.5	29.3
265	21.7	17.2	25.8

