

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100517\
 Data File : BF099131.D
 Acq On : 6 Oct 2017 6:20
 Operator : SJ/JU
 Sample : PB102898TB
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB102898TB

Quant Time: Oct 06 07:28:40 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Oct 05 17:20:48 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	125768	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	505179	20.00	ng	0.00
38) Acenaphthene-d10	9.90	164	208296	20.00	ng	0.00
63) Phenanthrene-d10	11.39	188	295783	20.00	ng	0.00
75) Chrysene-d12	14.02	240	220300	20.00	ng	-0.01
86) Perylene-d12	15.50	264	239509	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	898230	113.69	ng	0.01
7) Phenol-d6	6.50	99	1071801	109.97	ng	0.00
23) Nitrobenzene-d5	7.43	82	645604	81.96	ng	0.00
41) 2,4,6-Tribromophenol	10.69	330	163290	95.80	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1117259	89.54	ng	0.00
78) Terphenyl-d14	12.97	244	646595	66.75	ng	0.00

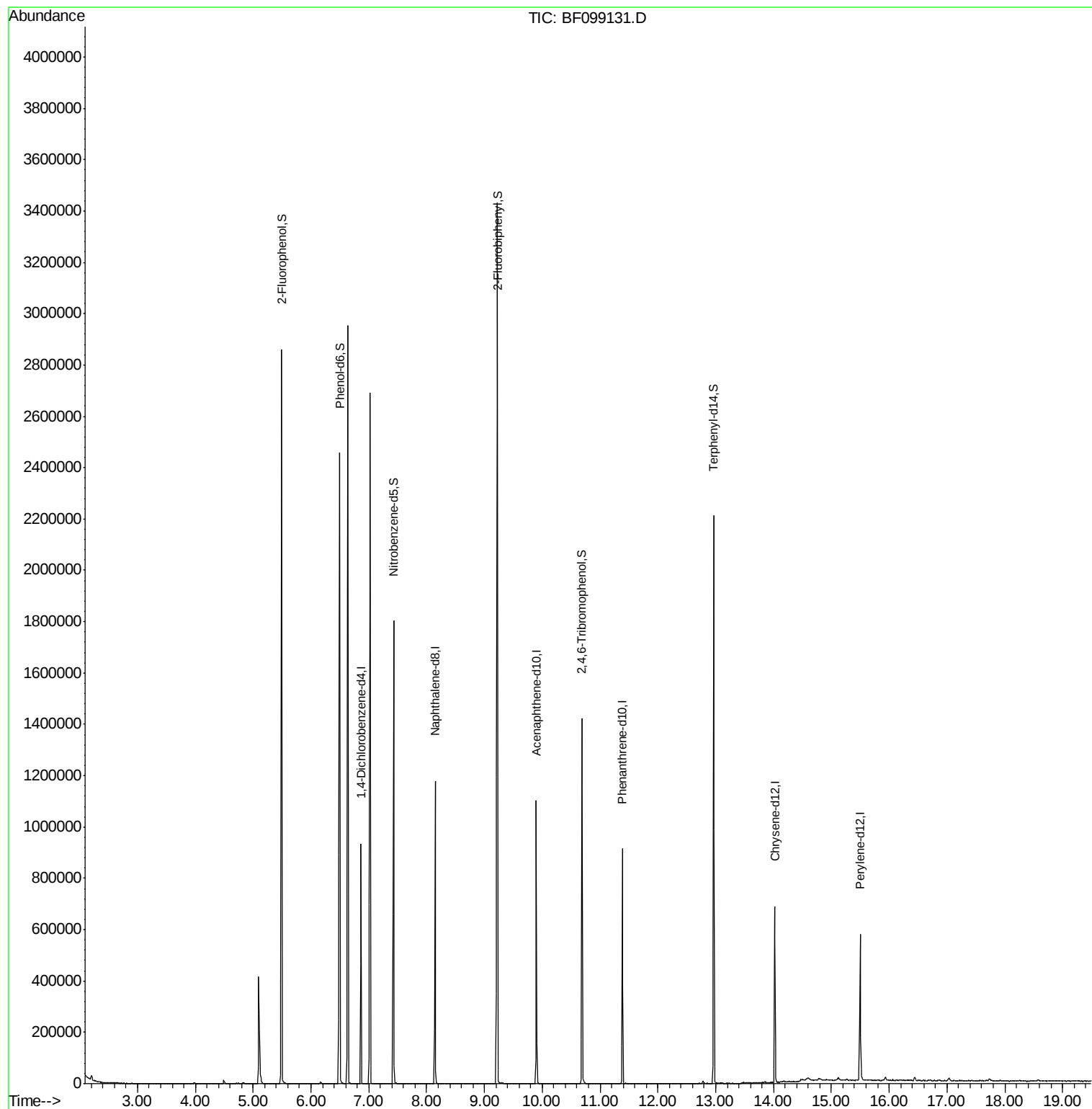
Target Compounds Qvalue

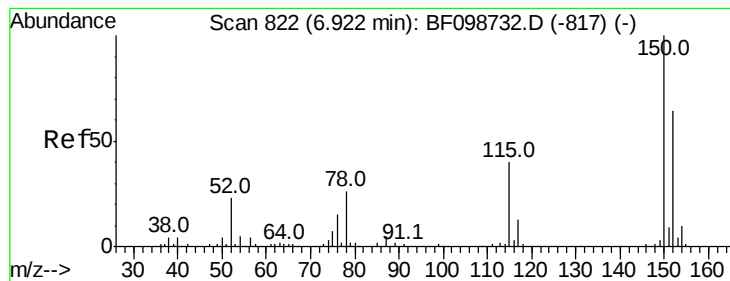
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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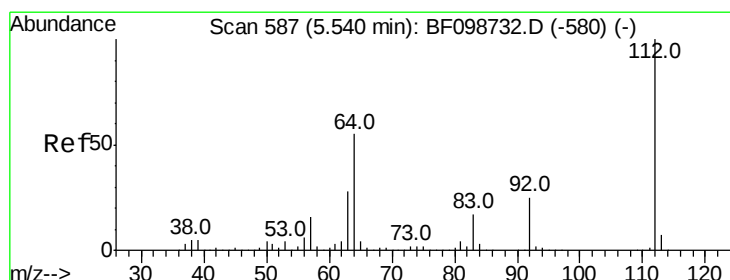
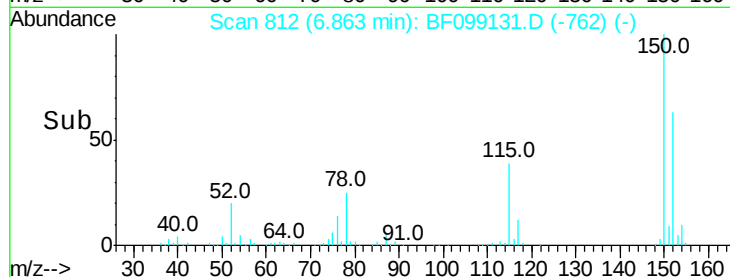
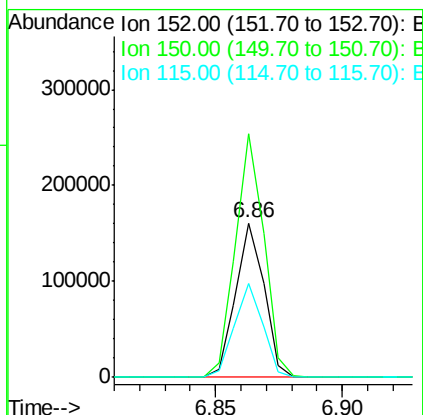
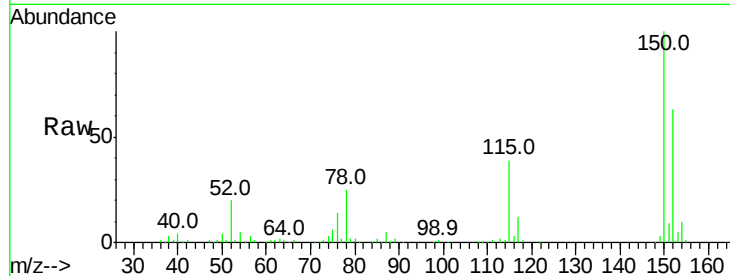


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF099131.D
 Acq: 6 Oct 2017 6:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102898TB

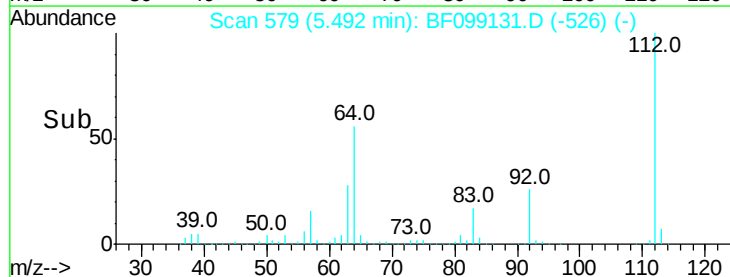
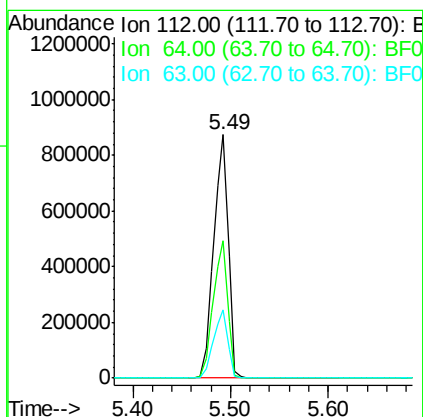
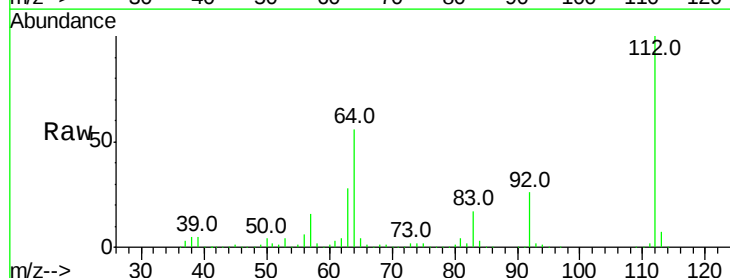
Tot Ion:152 Resp: 125768
 Ion Ratio Lower Upper
 152 100
 150 157.8 124.6 186.8
 115 61.2 50.1 75.1



#5

2-Fluorophenol
 Concen: 113.693 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF099131.D
 Acq: 6 Oct 2017 6:20

Tgt Ion:112 Resp: 898230
 Ion Ratio Lower Upper
 112 100
 64 56.3 47.9 71.9
 63 27.8 23.7 35.5





#7

Phenol-d6

Concen: 109.972 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.00 min

Lab File: BF099131.D

Acq: 6 Oct 2017 6:20

Instrument :

BNA_F

ClientSampleId :

PB102898TB

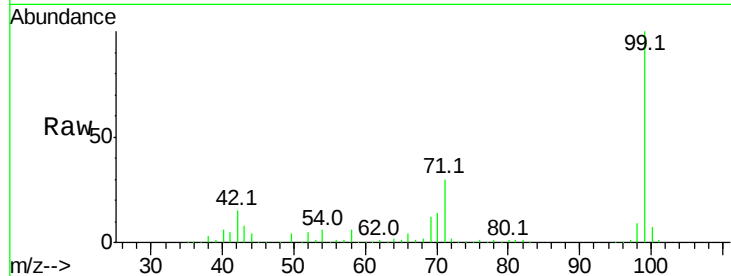
Tot Ion: 99 Resp: 1071801

Ion Ratio Lower Upper

99 100

42 15.3 14.5 21.7

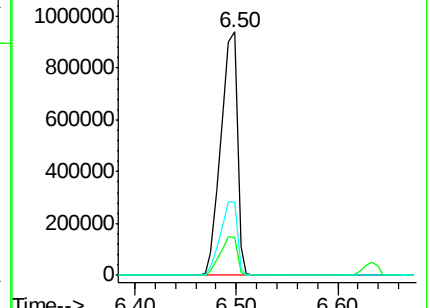
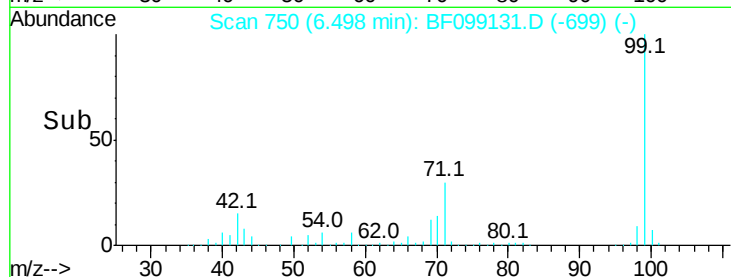
71 30.1 25.4 38.0



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: 8.15 min Scan# 1030

Delta R.T. -0.01 min

Lab File: BF099131.D

Acq: 6 Oct 2017 6:20

Tgt Ion: 136 Resp: 505179

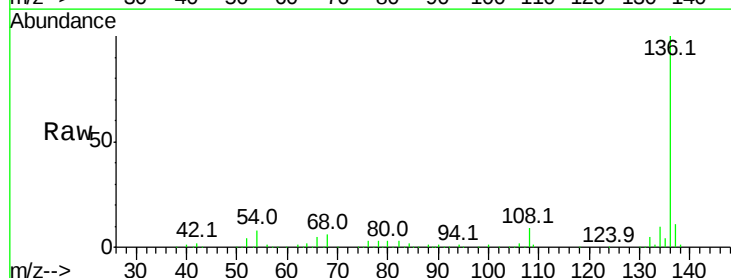
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.5 6.6 9.8

68 6.3 5.0 7.4

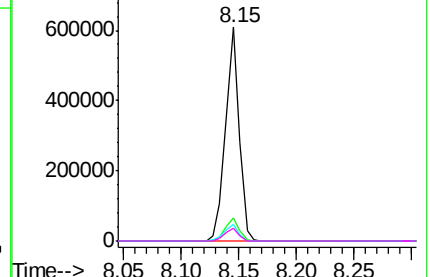
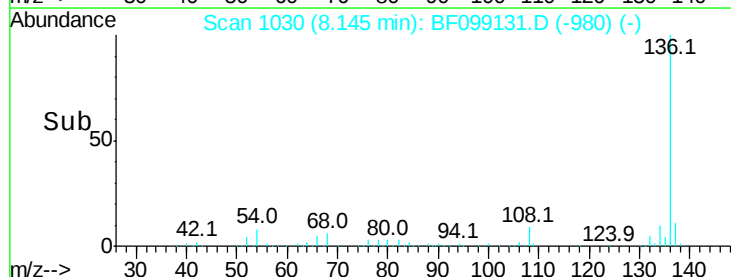


Abundance Ion 136.00 (135.70 to 136.70): E

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

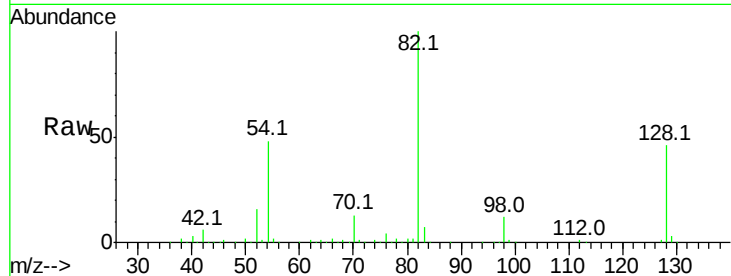




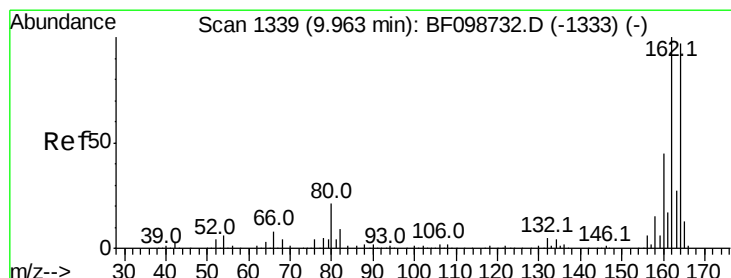
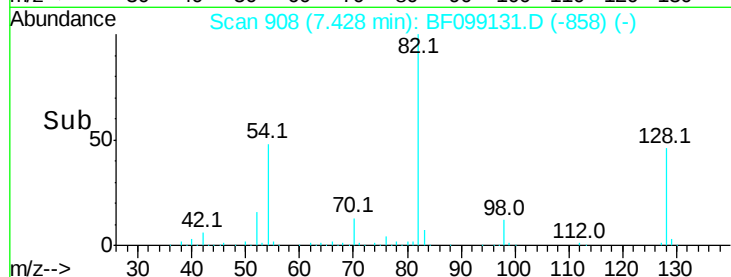
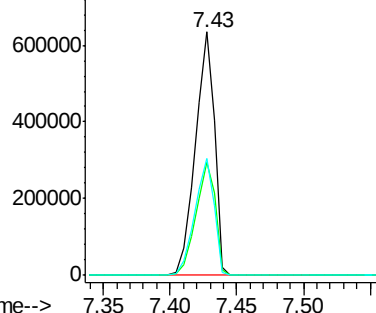
#23
 Nitrobenzene-d5
 Concen: 81.956 ng
 RT: 7.43 min Scan# 908
 Delta R.T. -0.01 min
 Lab File: BF099131.D
 Acq: 6 Oct 2017 6:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102898TB

Tot Ion: 82 Resp: 645604
 Ion Ratio Lower Upper
 82 100
 128 46.5 36.1 54.1
 54 48.0 41.4 62.2

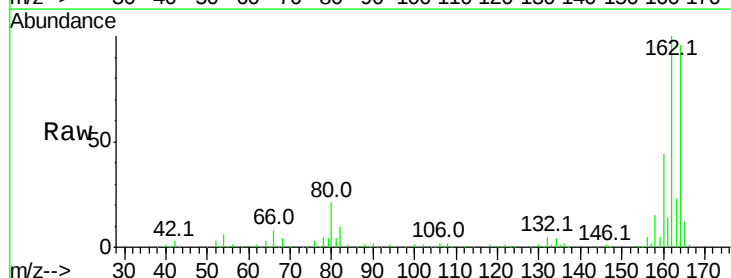


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

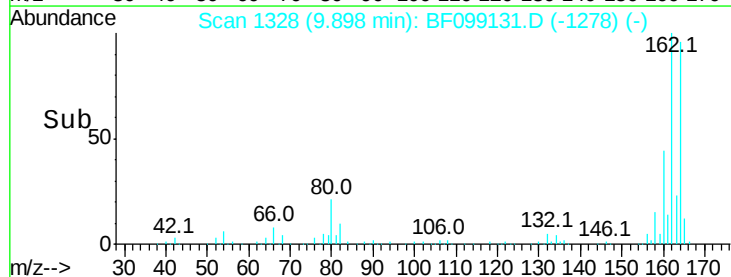
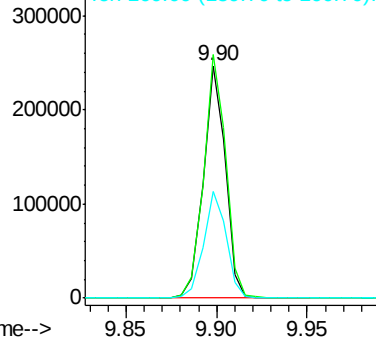


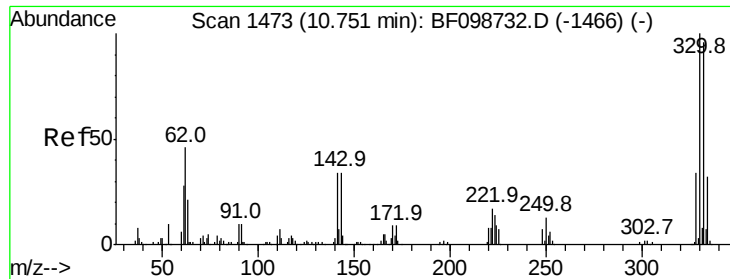
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.90 min Scan# 1328
 Delta R.T. -0.01 min
 Lab File: BF099131.D
 Acq: 6 Oct 2017 6:20

Tgt Ion: 164 Resp: 208296
 Ion Ratio Lower Upper
 164 100
 162 104.6 86.1 129.1
 160 45.9 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

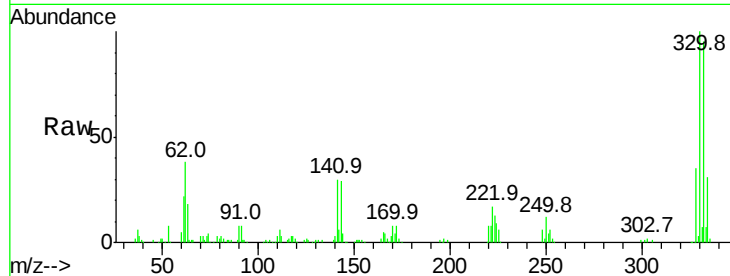




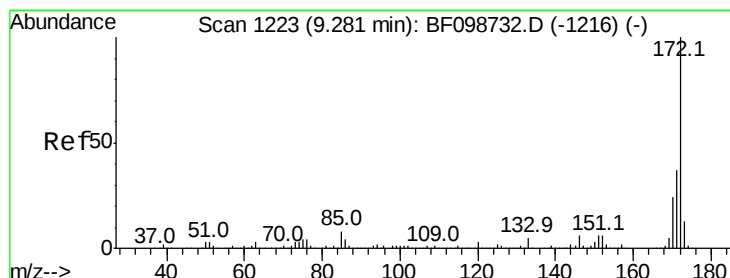
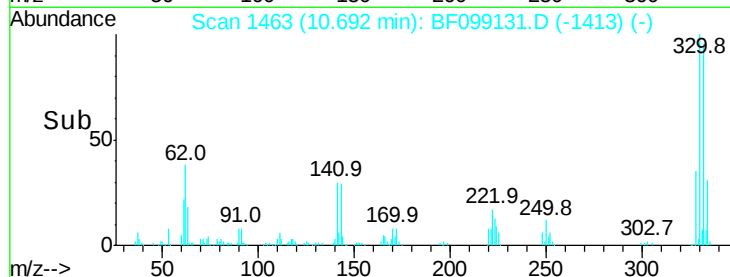
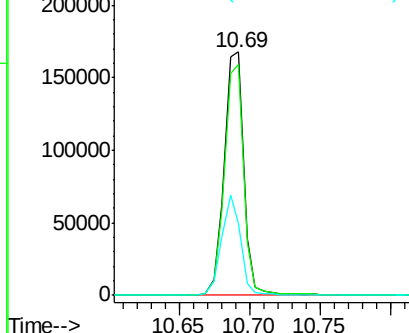
#41
 2,4,6-Tribromophenol
 Concen: 95.804 ng
 RT: 10.69 min Scan# 1463
 Delta R.T. -0.01 min
 Lab File: BF099131.D
 Acq: 6 Oct 2017 6:20

Instrument :
 BNA_F
 ClientSampleId :
 PB102898TB

Tot Ion:330 Resp: 163290
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 39.7 29.9 44.9

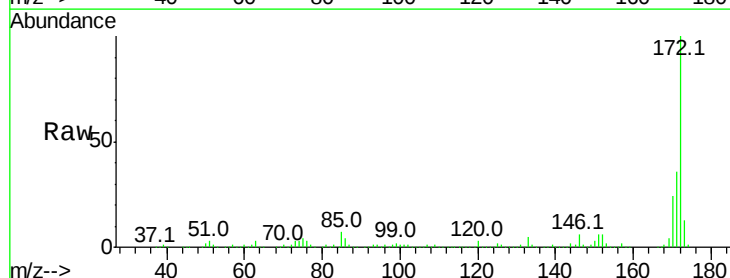


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

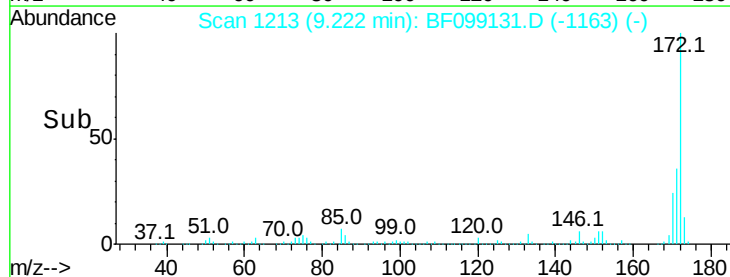
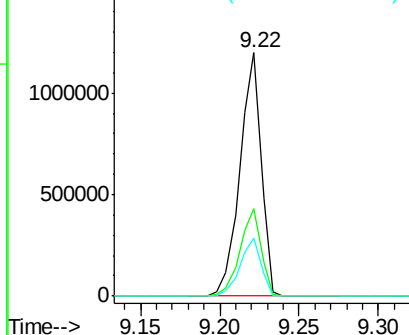


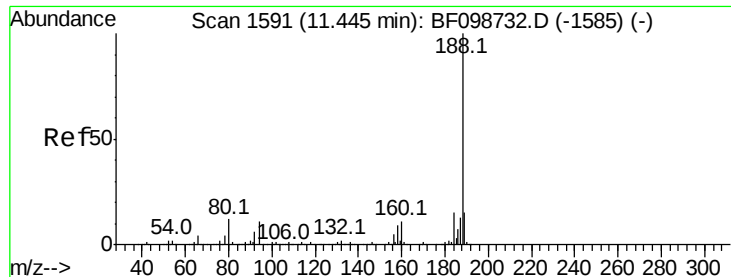
#44
 2-Fluorobiphenyl
 Concen: 89.544 ng
 RT: 9.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BF099131.D
 Acq: 6 Oct 2017 6:20

Tgt Ion:172 Resp: 1117259
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.7 44.5
 170 24.0 19.6 29.4



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

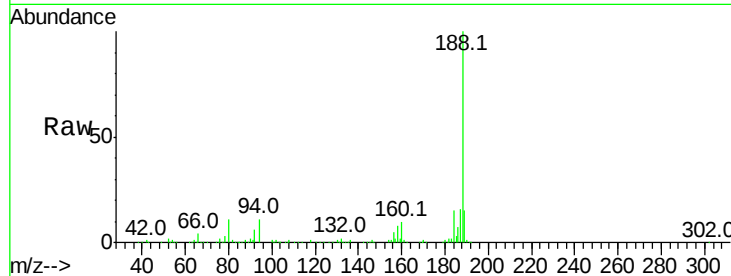




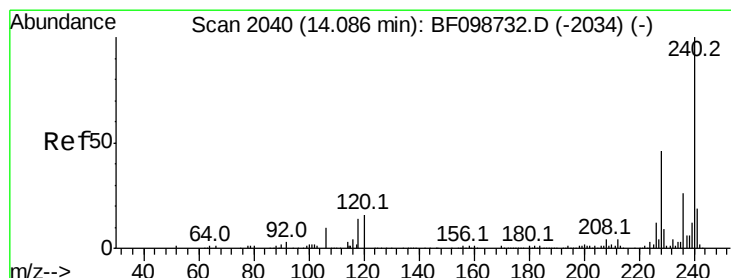
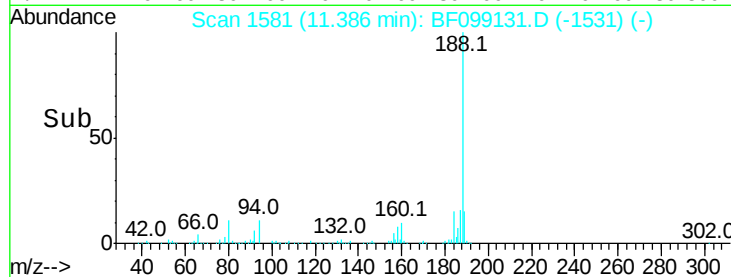
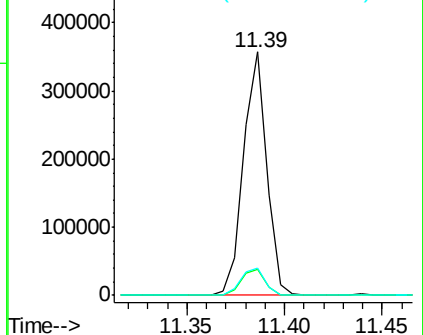
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF099131.D
Acq: 6 Oct 2017 6:20

Instrument :
BNA_F
ClientSampleId :
PB102898TB

Tot Ion:188 Resp: 295783
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.1 9.2 13.8

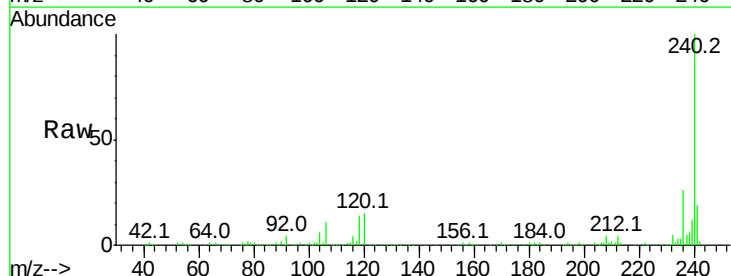


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

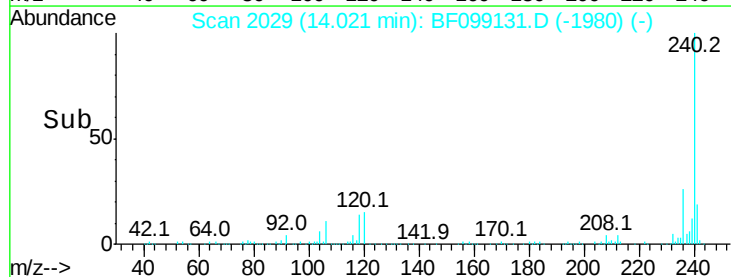
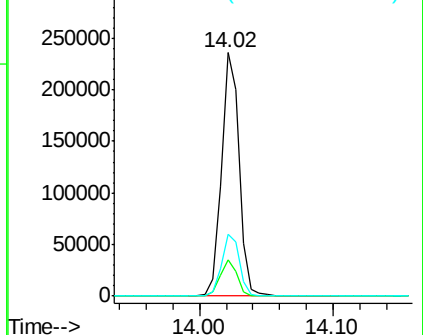


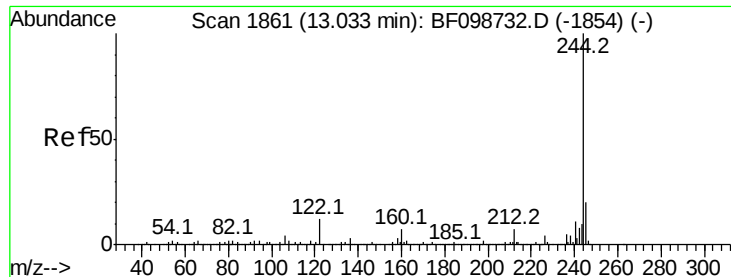
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.02 min Scan# 2029
Delta R.T. -0.01 min
Lab File: BF099131.D
Acq: 6 Oct 2017 6:20

Tgt Ion:240 Resp: 220300
Ion Ratio Lower Upper
240 100
120 14.9 9.5 14.3#
236 25.6 20.7 31.1



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: 66.749 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF099131.D

Acq: 6 Oct 2017 6:20

Instrument :

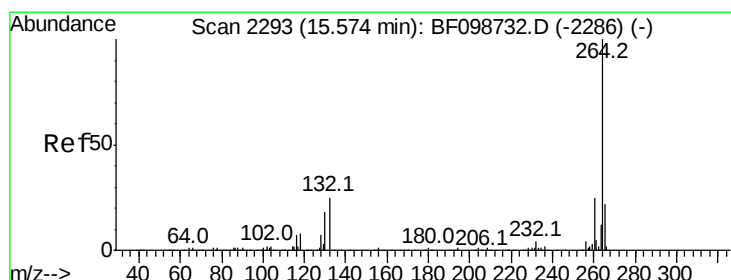
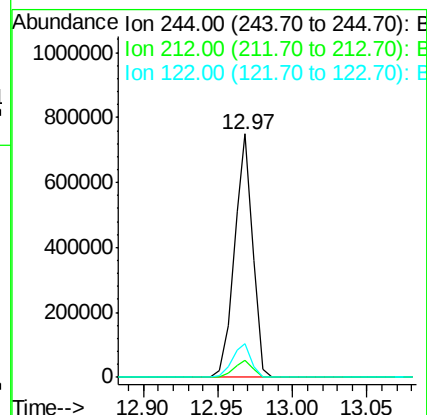
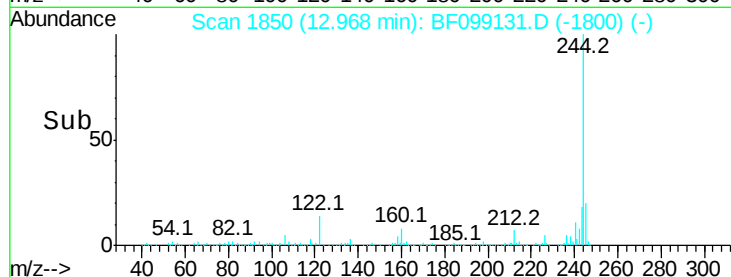
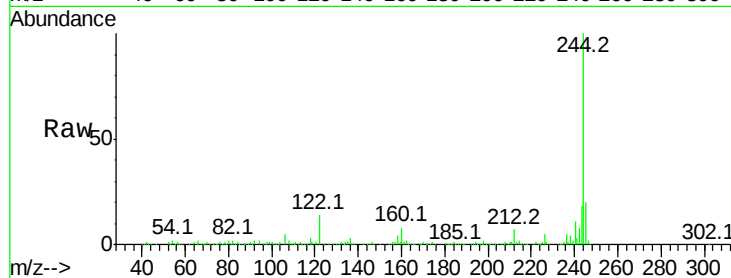
BNA_F

ClientSampleId :

PB102898TB

Tot Ion:244 Resp: 646595

Ion	Ratio	Lower	Upper
244	100		
212	7.1	5.4	8.0
122	14.1	11.0	16.4



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.50 min Scan# 2280

Delta R.T. -0.01 min

Lab File: BF099131.D

Acq: 6 Oct 2017 6:20

Tgt Ion:264 Resp: 239509

Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.2	28.8
265	21.4	17.5	26.3

