

Data Path : U:\HPCHEM1\BNA F\DATA\BF010518\
 Data File : BF101931.D
 Acq On : 5 Jan 2018 15:54
 Operator : SJ/JU
 Sample : J1017-10
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 4422

Quant Time: Jan 05 16:28:10 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF121417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 13:21:45 2017
 Response via : Initial Calibration

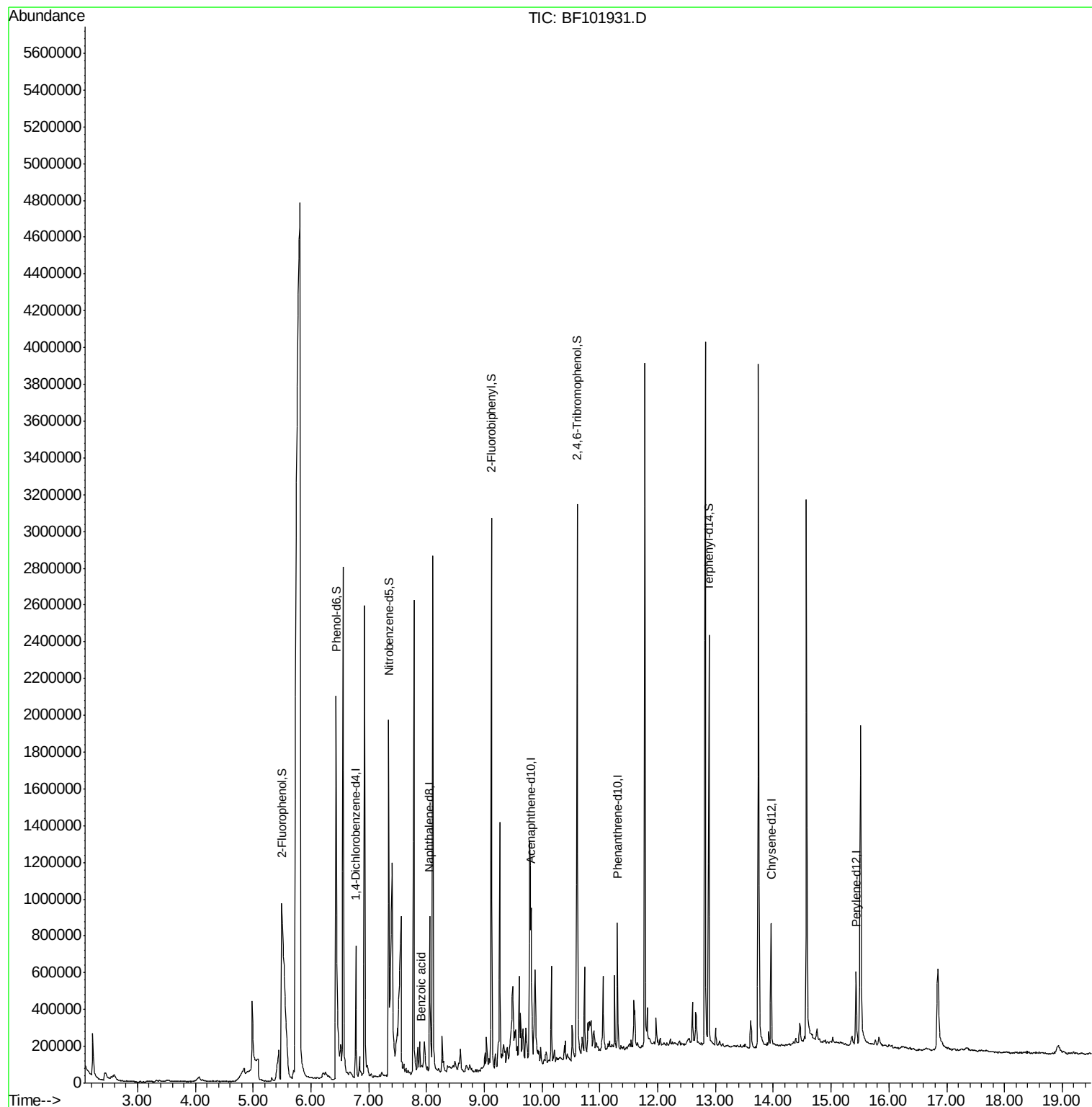
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	121201	20.00	ng	0.00
21) Naphthalene-d8	8.06	136	446187	20.00	ng	-0.01
38) Acenaphthene-d10	9.81	164	148522	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	237193	20.00	ng	-0.01
75) Chrysene-d12	13.96	240	262617	20.00	ng	-0.01
86) Perylene-d12	15.43	264	207465	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1116416	137.21	ng	0.09
7) Phenol-d6	6.43	99	1060369	104.71	ng	0.00
23) Nitrobenzene-d5	7.35	82	780742	97.40	ng	-0.02
41) 2,4,6-Tribromophenol	10.61	330	145505	101.67	ng	-0.01
44) 2-Fluorobiphenyl	9.13	172	992071	103.62	ng	-0.01
78) Terphenyl-d14	12.89	244	798136	73.27	ng	-0.01
Target Compounds						
32) Benzoic acid	7.90	122	19705	11.728	ng	Qvalue 97

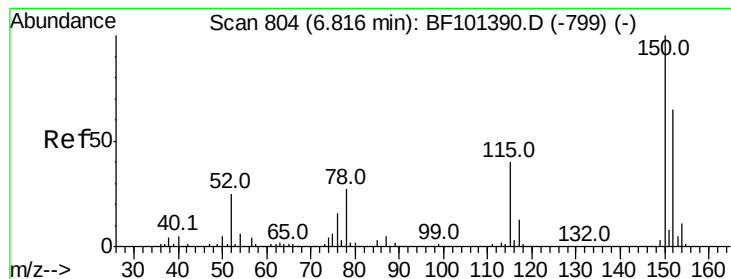
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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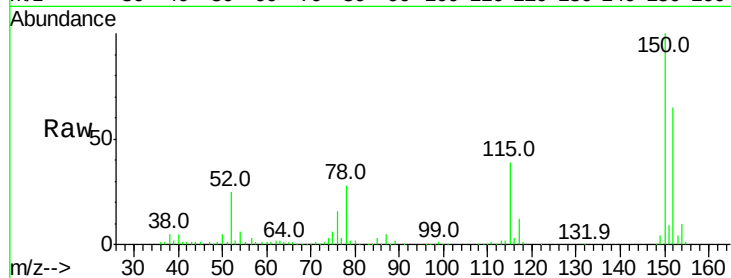


#1

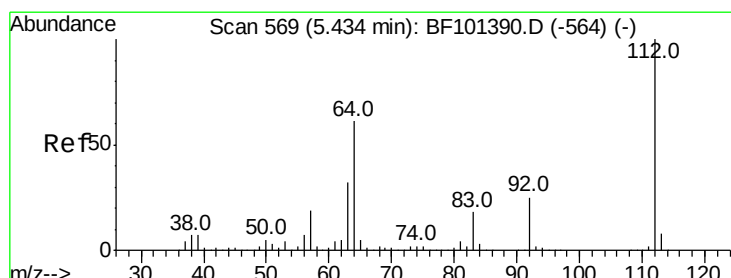
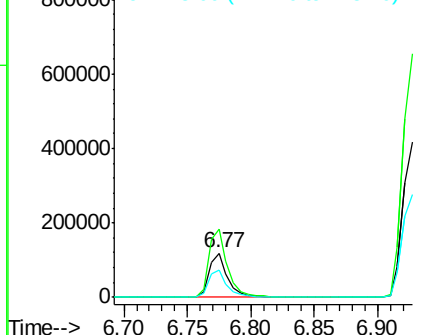
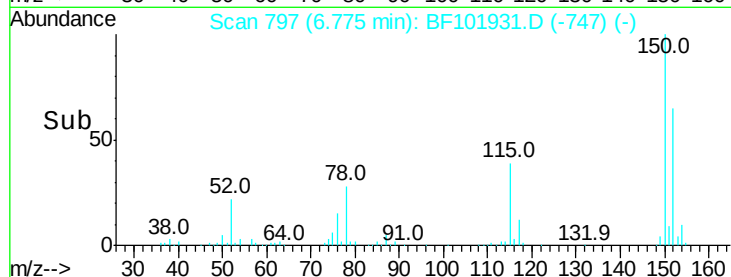
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 797
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 4422

Tot Ion:152 Resp: 121201
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.6 186.8
 115 60.7 50.1 75.1



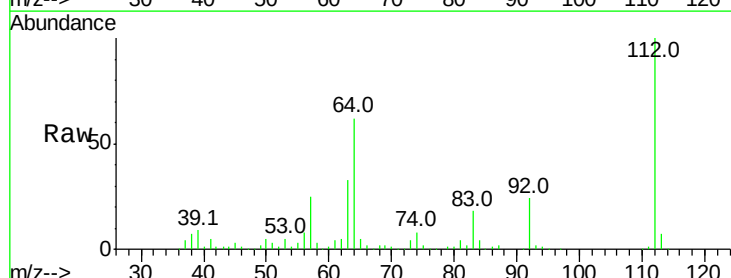
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



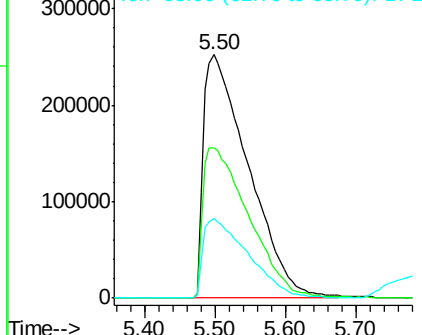
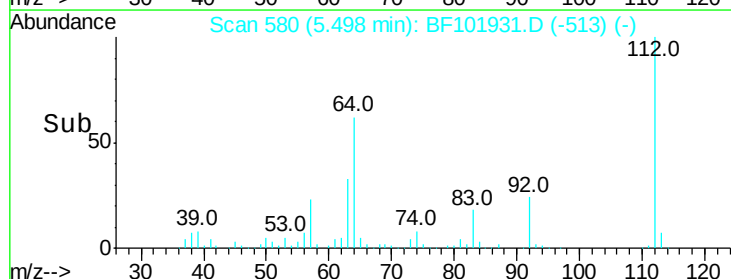
#5

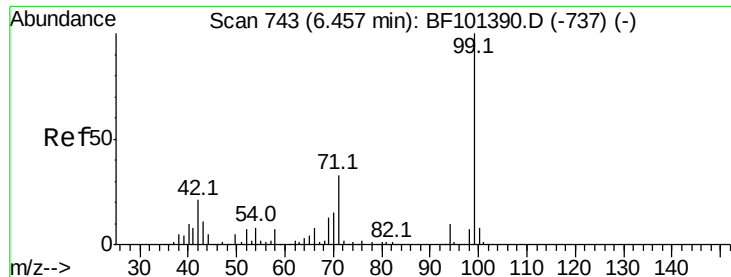
2-Fluorophenol
 Concen: 137.209 ng
 RT: 5.50 min Scan# 580
 Delta R.T. 0.09 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Tgt Ion:112 Resp: 1116416
 Ion Ratio Lower Upper
 112 100
 64 61.5 47.9 71.9
 63 32.6 23.7 35.5



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 104.714 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Instrument :

BNA_F

ClientSampleId :

4422

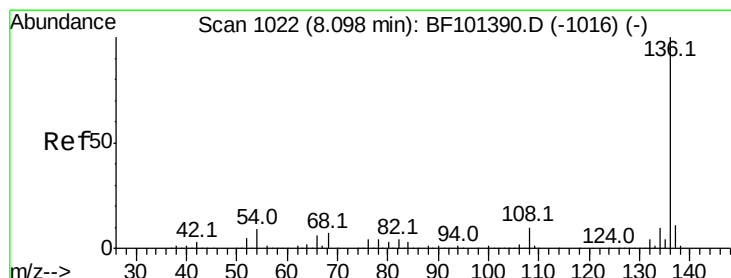
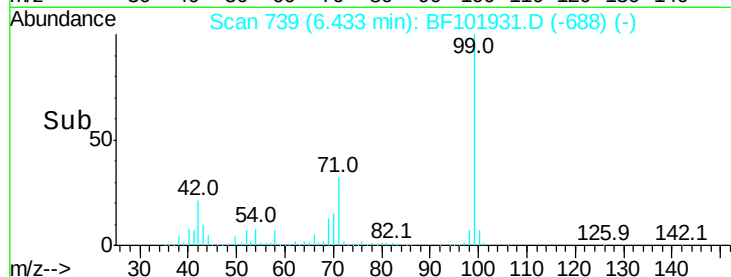
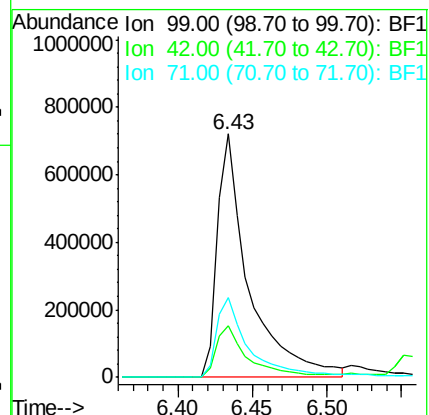
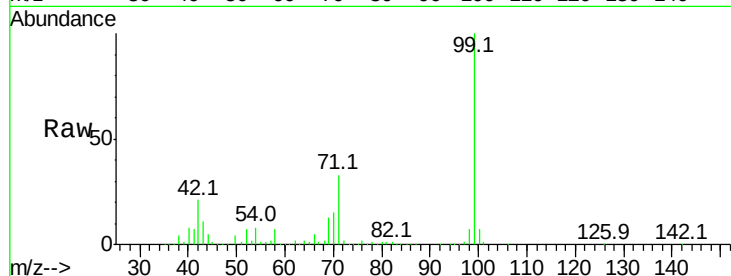
Tot Ion: 99 Resp: 1060369

Ion	Ratio	Lower	Upper
99	100		
42	21.4	14.5	21.7
71	32.5	25.4	38.0

99 100

42 21.4 14.5 21.7

71 32.5 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.06 min Scan# 1015

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Tgt Ion: 136 Resp: 446187

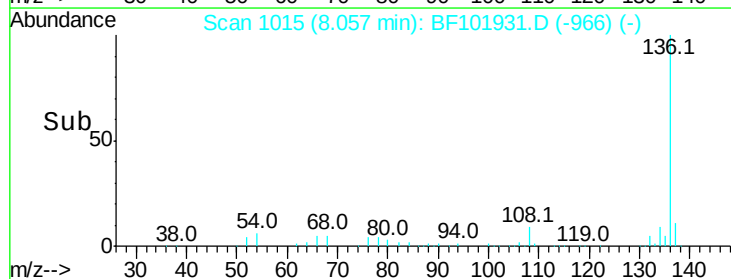
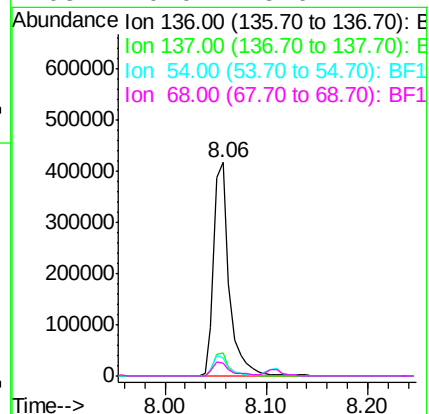
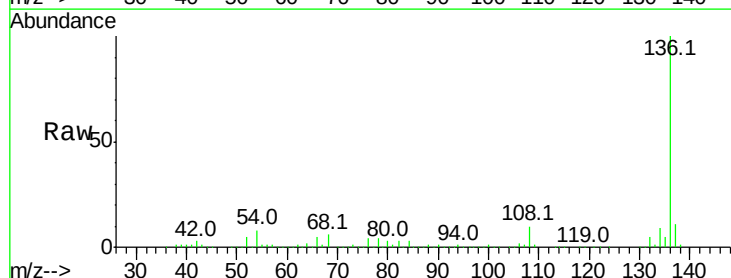
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.9	13.3
54	8.2	6.6	9.8
68	6.0	5.0	7.4

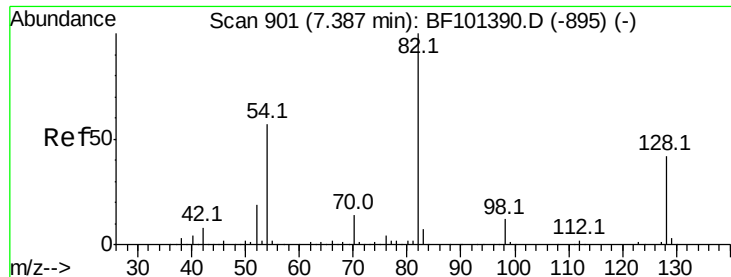
136 100

137 10.8 8.9 13.3

54 8.2 6.6 9.8

68 6.0 5.0 7.4

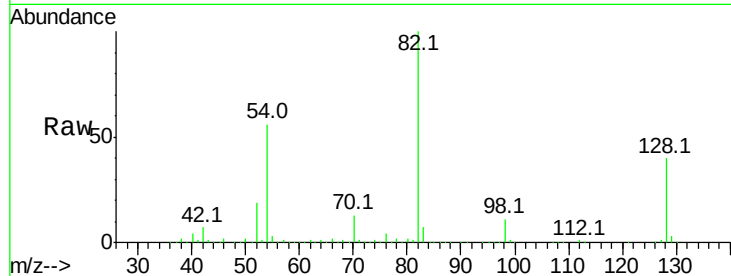




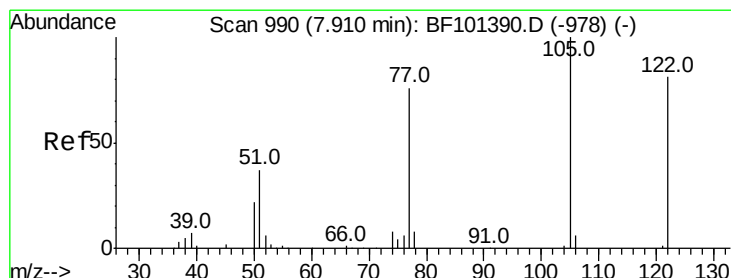
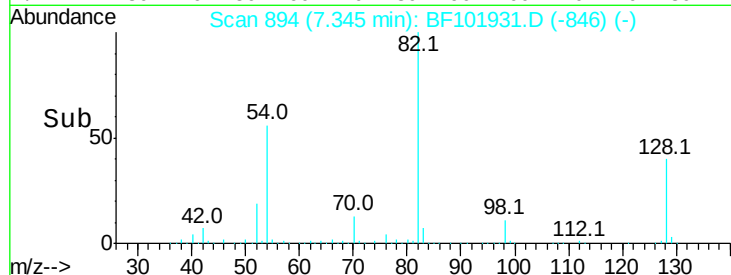
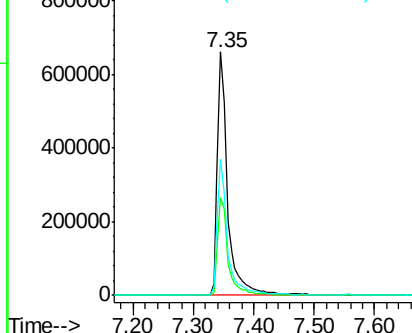
#23
Nitrobenzene-d5
Concen: 97.404 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.02 min
Lab File: BF101931.D
Acq: 5 Jan 2018 15:54

Instrument :
BNA_F
ClientSampleId :
4422

Tot Ion: 82 Resp: 780742
Ion Ratio Lower Upper
82 100
128 39.9 36.1 54.1
54 55.8 41.4 62.2

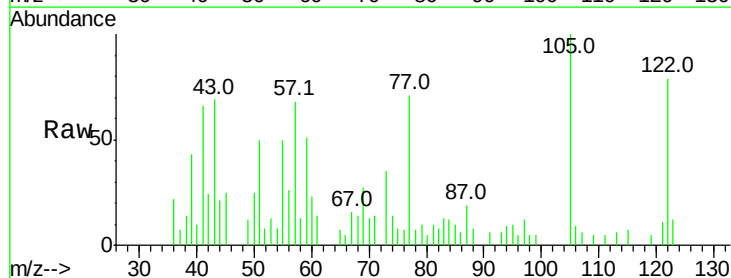


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

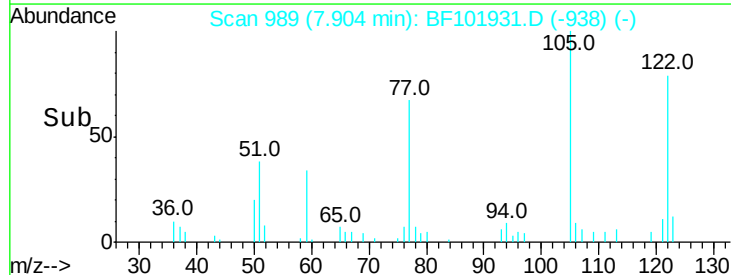
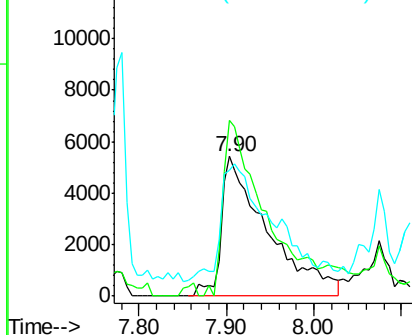


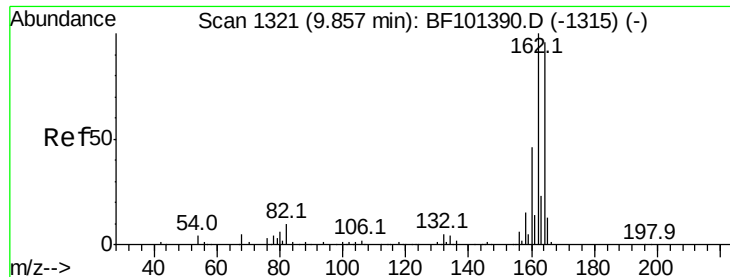
#32
Benzoic acid
Concen: 11.728 ng
RT: 7.90 min Scan# 989
Delta R.T. -0.00 min
Lab File: BF101931.D
Acq: 5 Jan 2018 15:54

Tgt Ion: 122 Resp: 19705
Ion Ratio Lower Upper
122 100
105 125.9 101.1 141.1
77 89.9 70.7 110.7



Abundance Ion 122.00 (121.70 to 122.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 77.00 (76.70 to 77.70): BF1

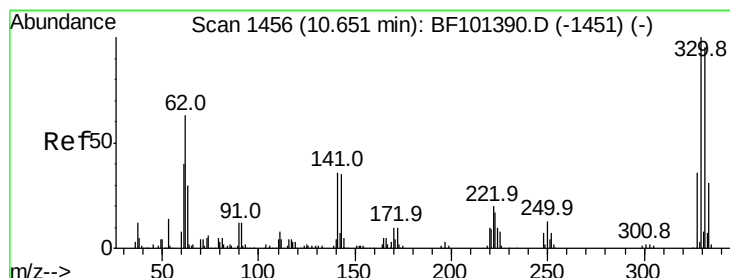
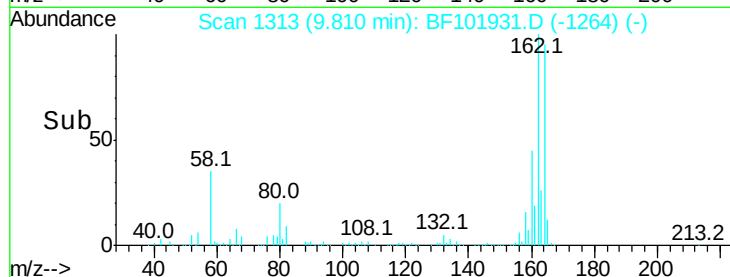
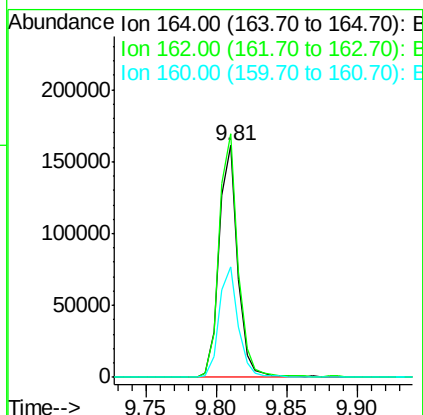
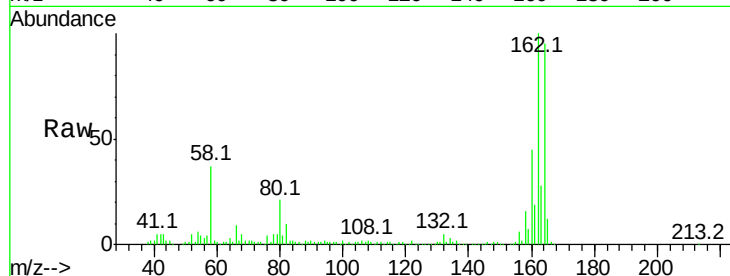




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

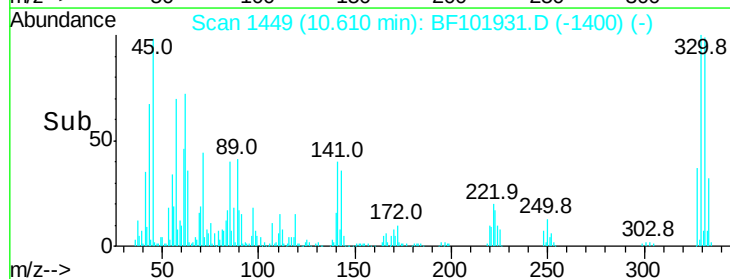
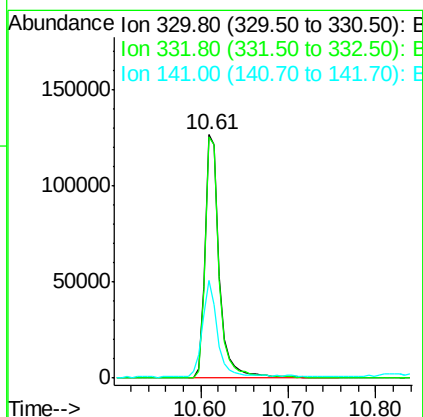
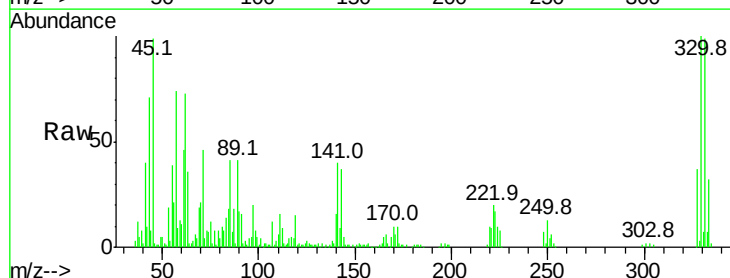
Instrument :
 BNA_F
 ClientSampleId :
 4422

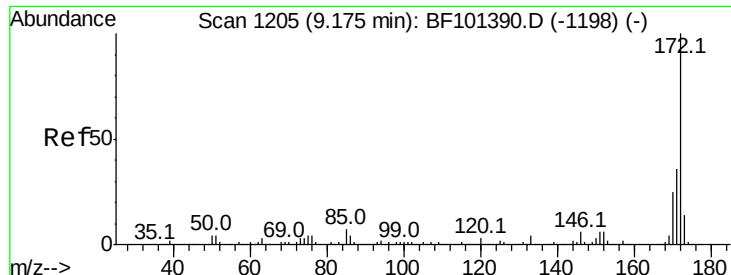
Tot Ion:164 Resp: 148522
 Ion Ratio Lower Upper
 164 100
 162 105.0 86.1 129.1
 160 47.5 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 101.672 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Tgt Ion:330 Resp: 145505
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 41.3 29.9 44.9



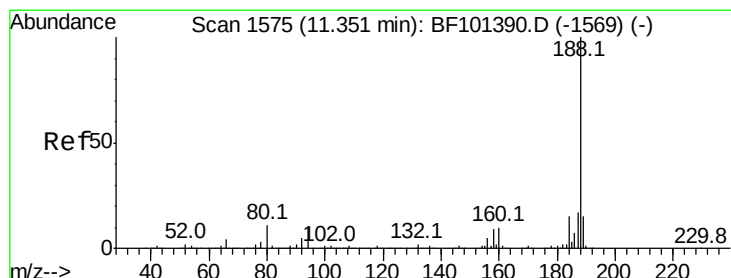
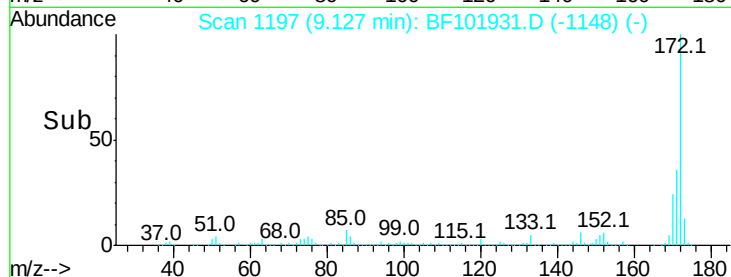
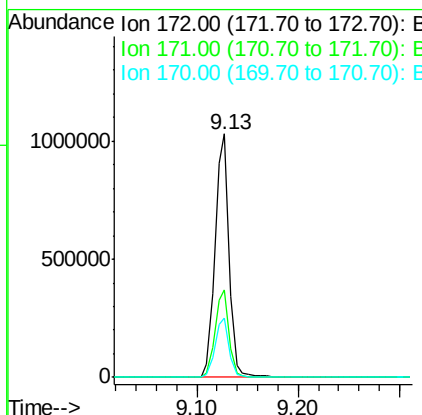
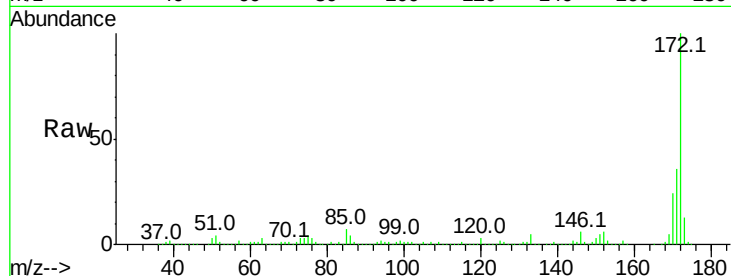


#44
 2-Fluorobiphenyl
 Concen: 103.617 ng
 RT: 9.13 min Scan# 1197
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Instrument :
 BNA_F
 ClientSampleId :
 4422

Tot Ion:172 Resp: 992071

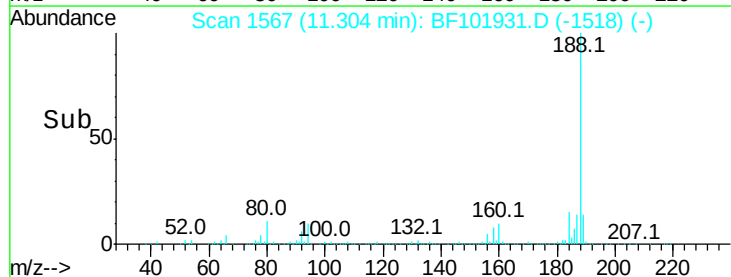
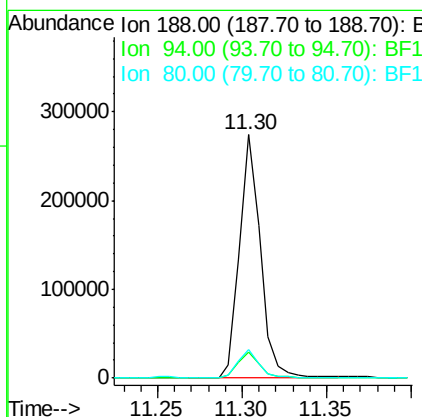
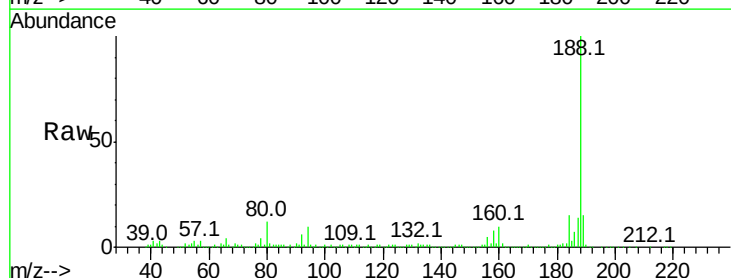
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.7	44.5
170	24.4	19.6	29.4

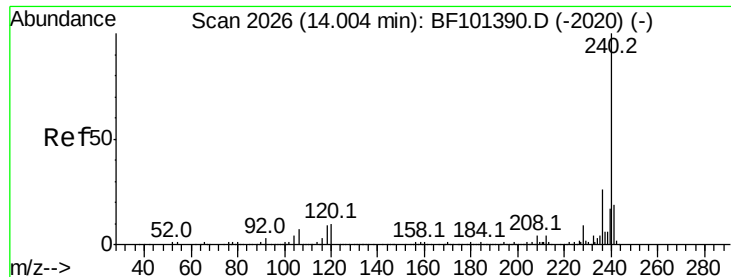


#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.01 min
 Lab File: BF101931.D
 Acq: 5 Jan 2018 15:54

Tgt Ion:188 Resp: 237193

Ion	Ratio	Lower	Upper
188	100		
94	10.5	8.5	12.7
80	11.7	9.2	13.8





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

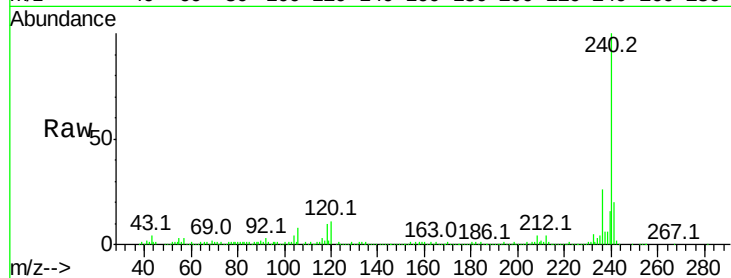
Instrument :

BNA_F

ClientSampleId :
4422

Tot Ion:240 Resp: 262617

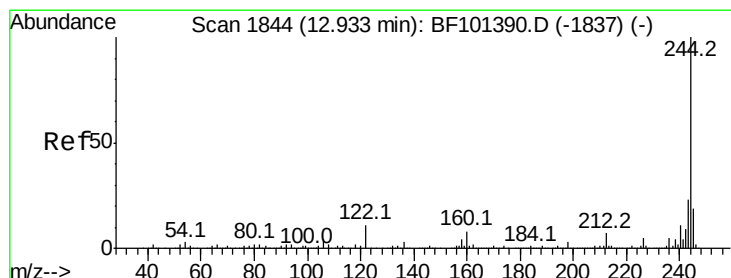
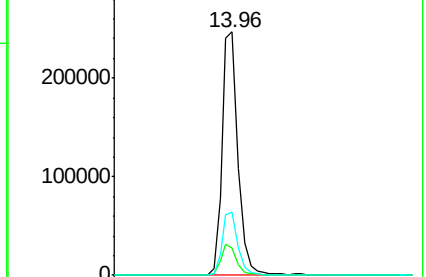
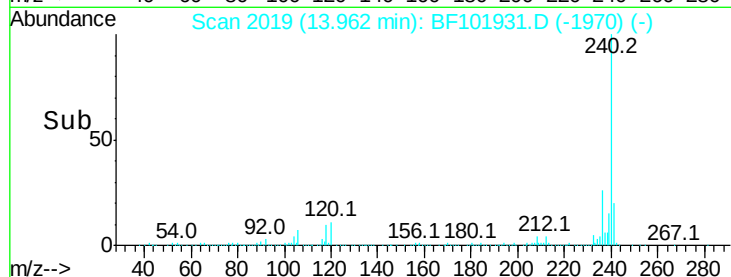
Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.5	14.3
236	26.0	20.7	31.1



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: 73.267 ng

RT: 12.89 min Scan# 1836

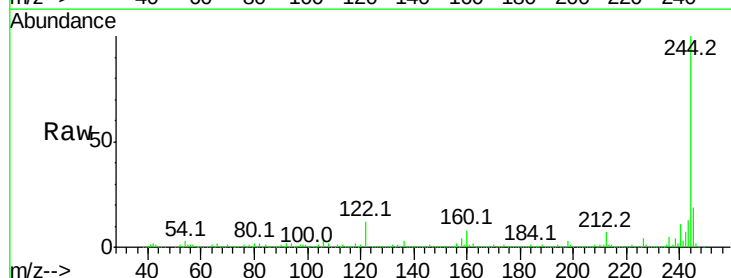
Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Tgt Ion:244 Resp: 798136

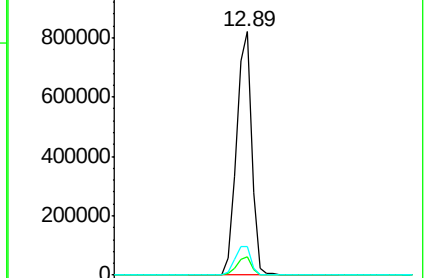
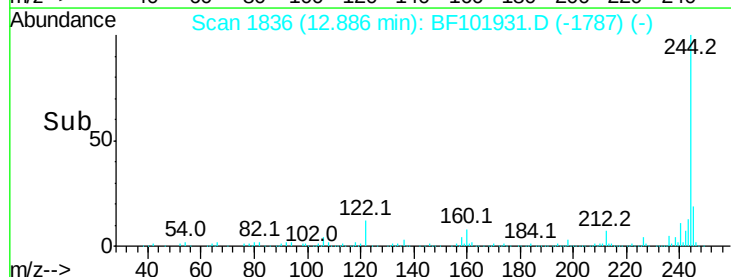
Ion	Ratio	Lower	Upper
244	100		
212	7.5	5.4	8.0
122	11.7	11.0	16.4

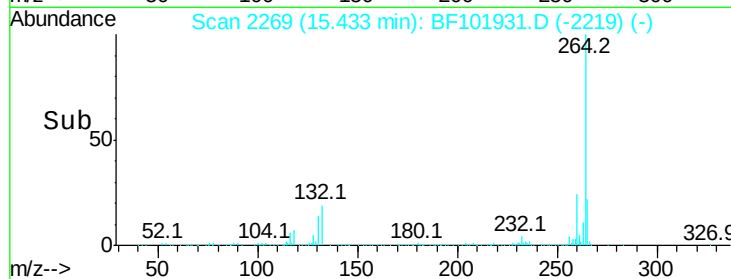
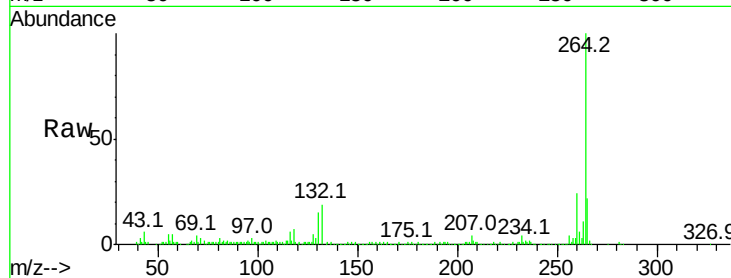
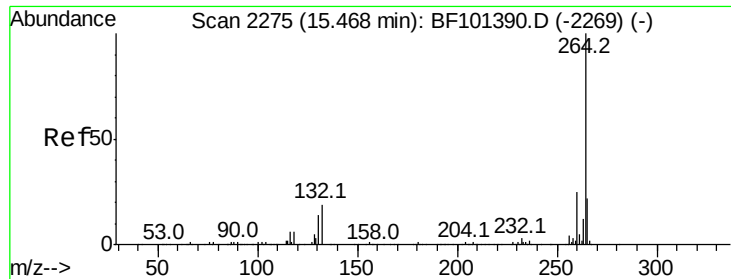


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-d12

Concen: 20.000 ng

RT: 15.43 min Scan# 2269

Delta R.T. -0.01 min

Lab File: BF101931.D

Acq: 5 Jan 2018 15:54

Instrument :

BNA_F

ClientSampleId :

4422

Tot Ion:264 Resp: 207465

Ion Ratio Lower Upper

264 100

260 23.8 19.2 28.8

265 22.1 17.5 26.3

