

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110217\
 Data File : BF100129.D
 Acq On : 3 Nov 2017 12:12
 Operator : SJ/JU
 Sample : I6143-02
 Misc :
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9S

Quant Time: Nov 03 13:11:34 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 18:13:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	88701	20.00	ng	0.00
21) Naphthalene-d8	8.05	136	361109	20.00	ng	-0.01
38) Acenaphthene-d10	9.80	164	166229	20.00	ng	-0.01
63) Phenanthrene-d10	11.30	188	294028	20.00	ng	-0.01
75) Chrysene-d12	13.94	240	197723	20.00	ng	-0.03
86) Perylene-d12	15.41	264	148756	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	210099	37.19	ng	0.00
7) Phenol-d6	6.42	99	166387	24.84	ng	0.00
23) Nitrobenzene-d5	7.34	82	308064	54.92	ng	-0.01
41) 2,4,6-Tribromophenol	10.60	330	122508	80.87	ng	-0.02
44) 2-Fluorobiphenyl	9.12	172	644545	59.82	ng	-0.01
78) Terphenyl-d14	12.88	244	567331	62.71	ng	-0.02

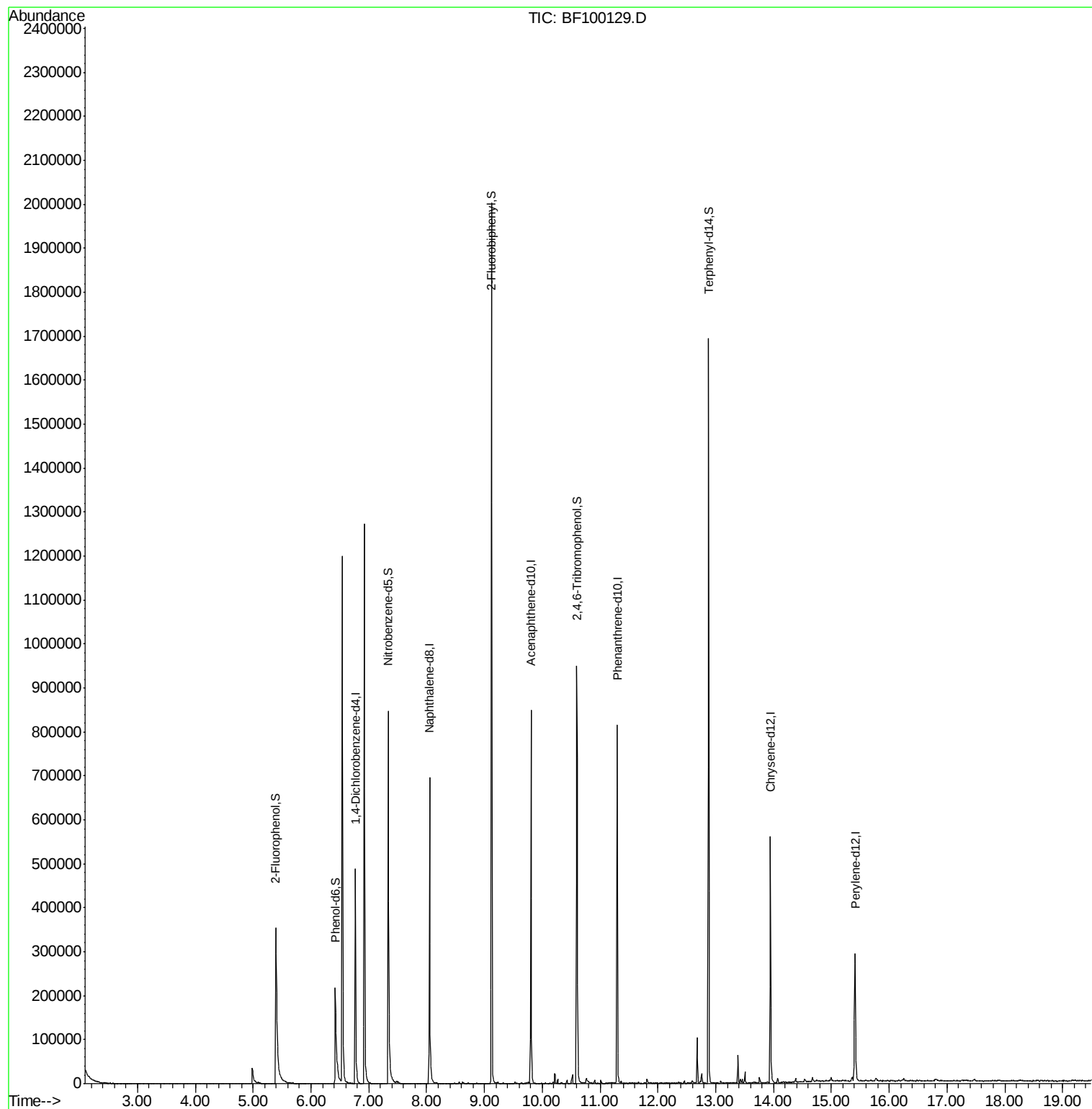
Target Compounds Qvalue

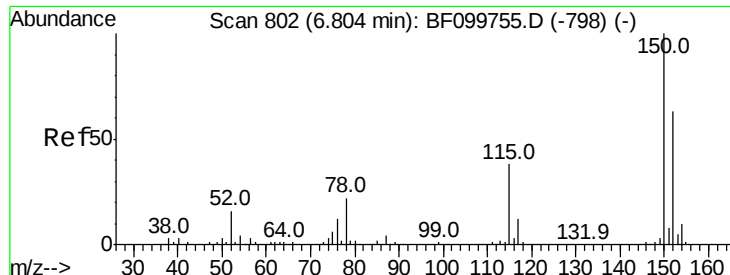
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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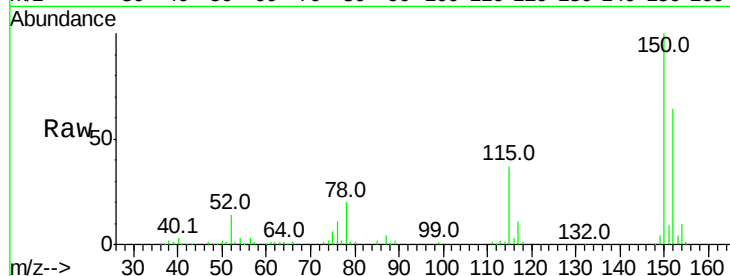


#1

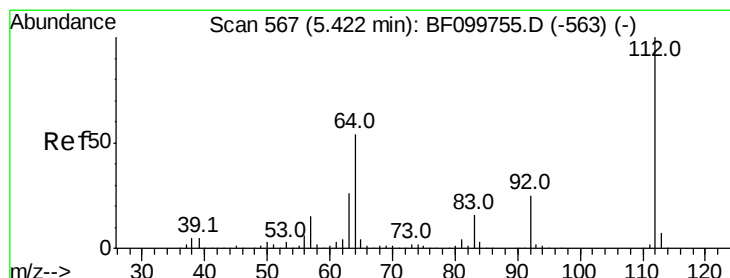
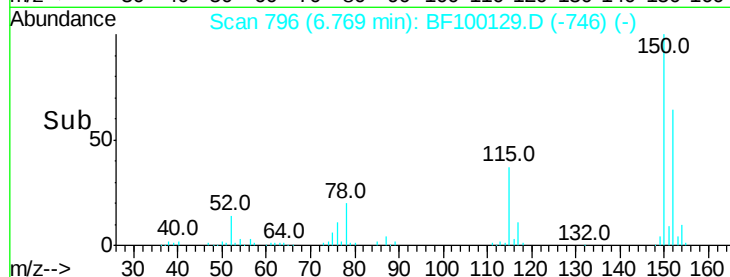
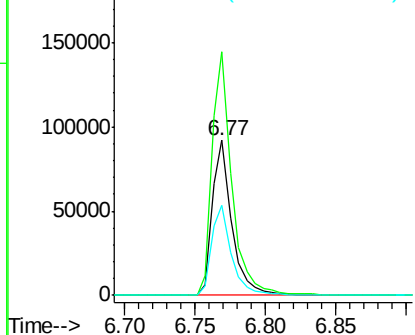
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.77 min Scan# 796
 Delta R.T. -0.01 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9S

Tot Ion:152 Resp: 88701
 Ion Ratio Lower Upper
 152 100
 150 157.4 124.6 186.8
 115 58.1 50.1 75.1



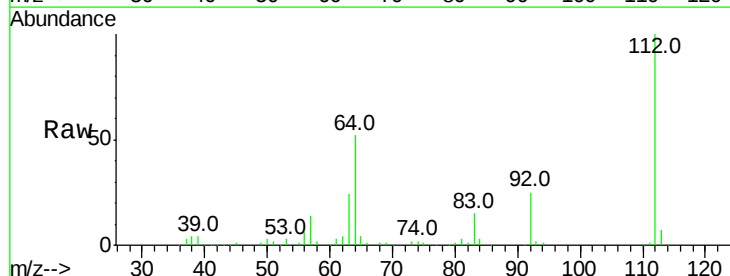
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



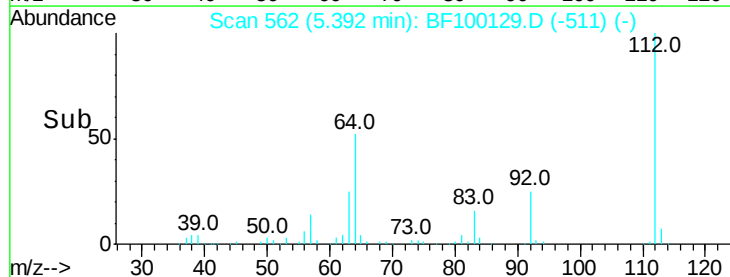
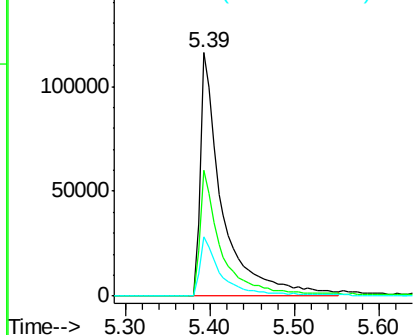
#5

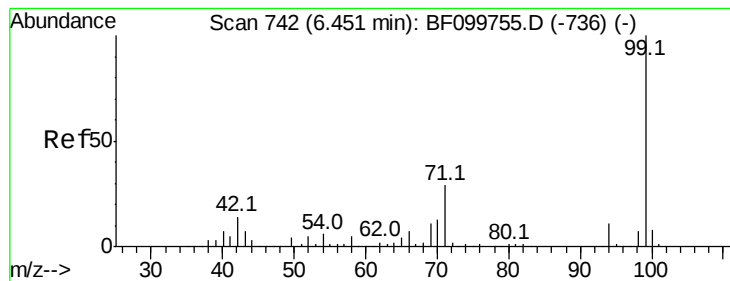
2-Fluorophenol
 Concen: 37.187 ng
 RT: 5.39 min Scan# 562
 Delta R.T. 0.00 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

Tgt Ion:112 Resp: 210099
 Ion Ratio Lower Upper
 112 100
 64 51.9 47.9 71.9
 63 24.4 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: 24.837 ng

RT: 6.42 min Scan# 737

Delta R.T. -0.01 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

Instrument :

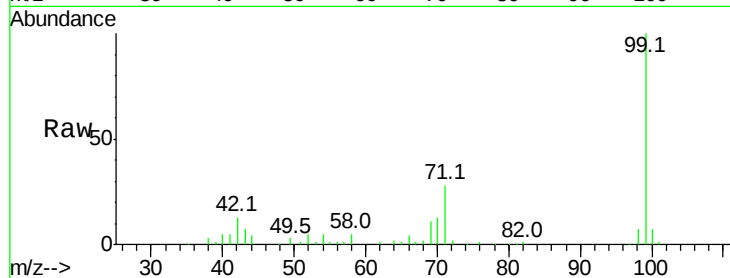
BNA_F

ClientSampleId :

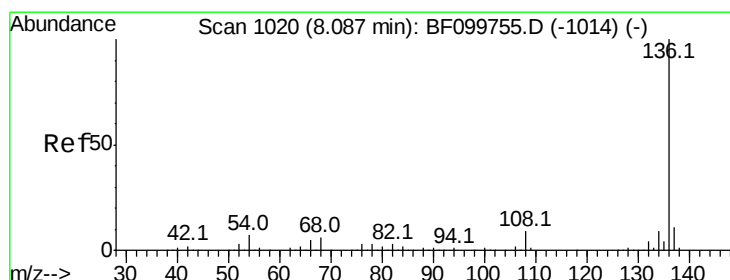
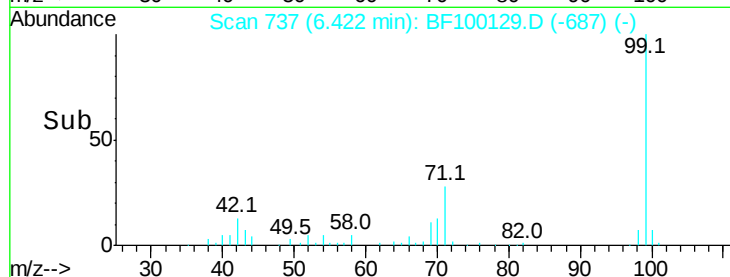
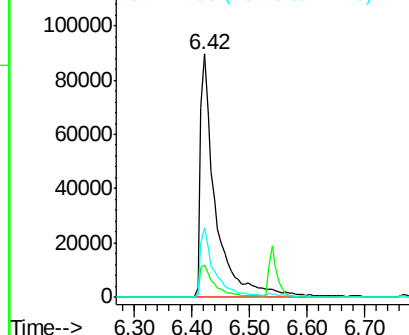
RLF-GW-9S

Tot Ion: 99 Resp: 166387

Ion	Ratio	Lower	Upper
99	100		
42	13.1	14.5	21.7#
71	28.3	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

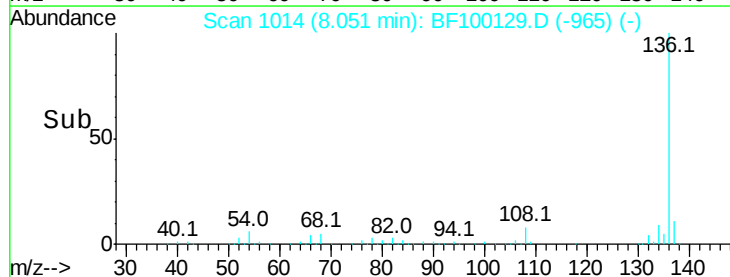
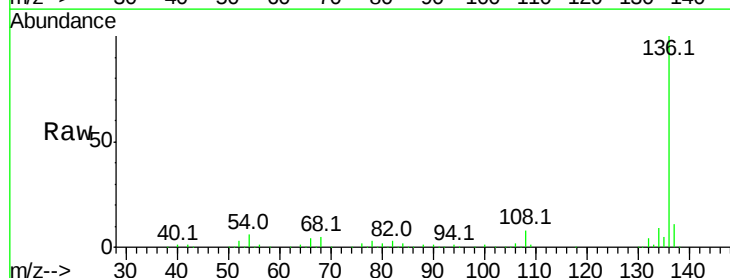
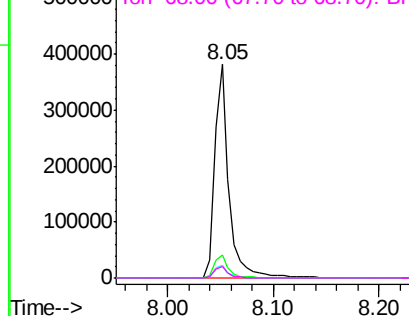
Lab File: BF100129.D

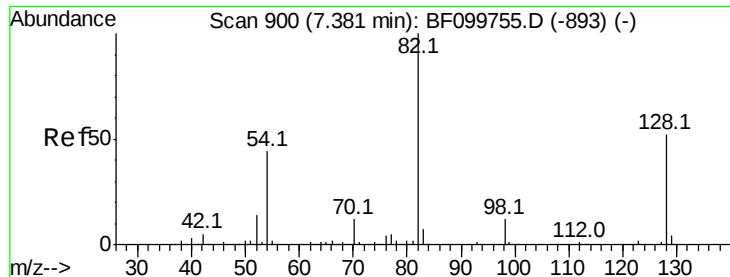
Acq: 3 Nov 2017 12:12

Tgt Ion: 136 Resp: 361109

Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.9	13.3
54	5.9	6.6	9.8#
68	5.3	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): BF1
Ion 68.00 (67.70 to 68.70): BF1

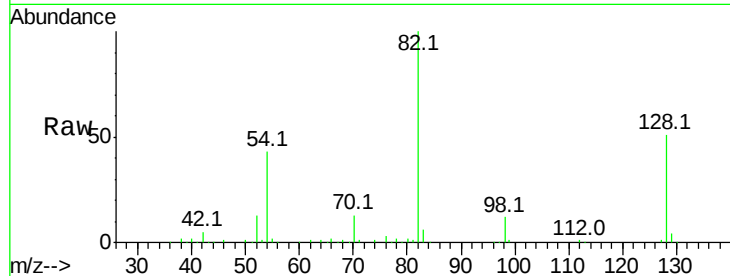




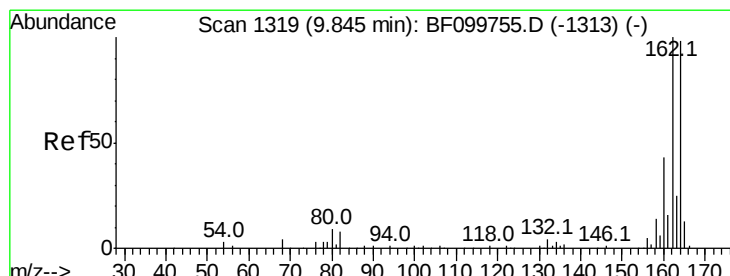
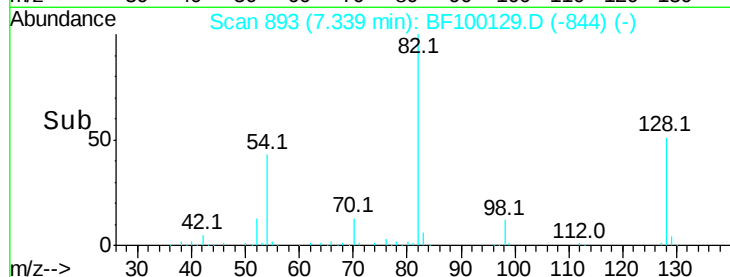
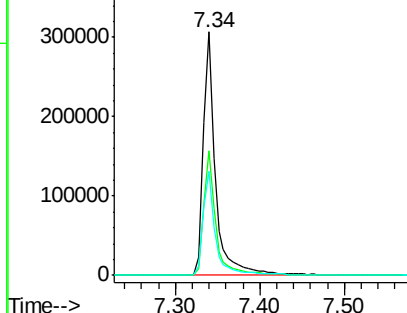
#23
Nitrobenzene-d5
Concen: 54.923 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.01 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

Instrument :
BNA_F
ClientSampleId :
RLF-GW-9S

Tot Ion: 82 Resp: 308064
Ion Ratio Lower Upper
82 100
128 51.3 36.1 54.1
54 42.5 41.4 62.2

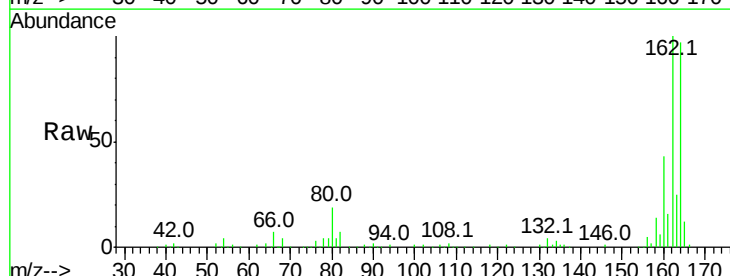


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

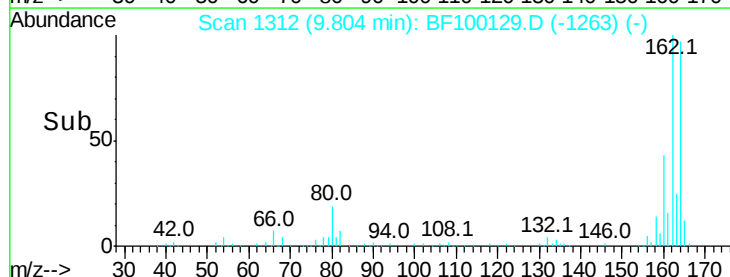
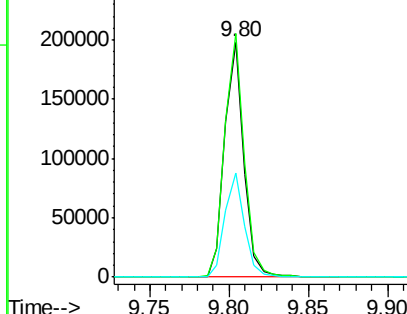


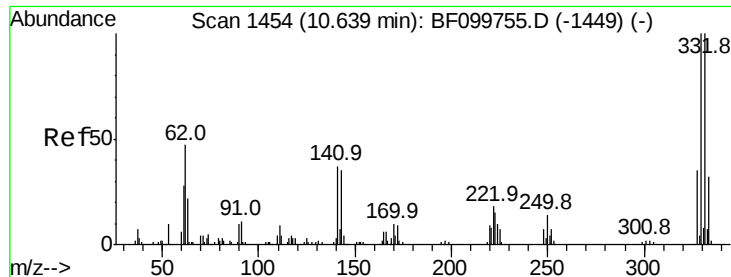
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

Tgt Ion:164 Resp: 166229
Ion Ratio Lower Upper
164 100
162 103.5 86.1 129.1
160 44.4 38.3 57.5



Abundance Ion 164.00 (163.70 to 164.70): BF1
Ion 162.00 (161.70 to 162.70): BF1
Ion 160.00 (159.70 to 160.70): BF1

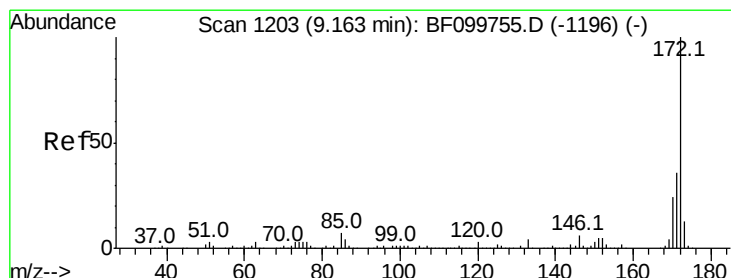
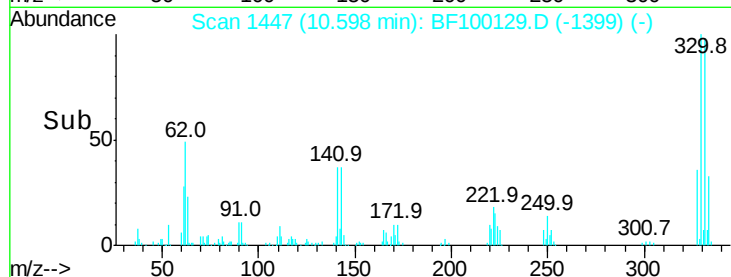
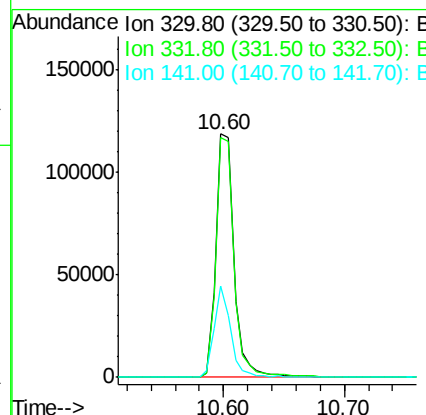
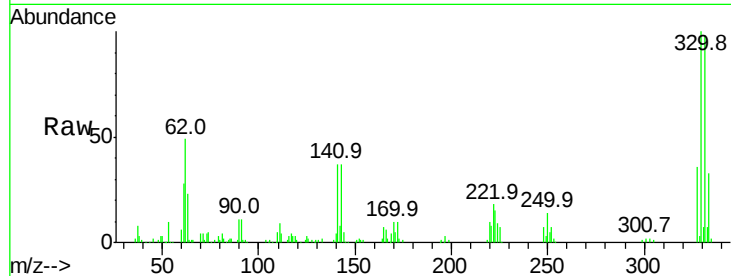




#41
 2,4,6-Tribromophenol
 Concen: 80.870 ng
 RT: 10.60 min Scan# 1447
 Delta R.T. -0.02 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

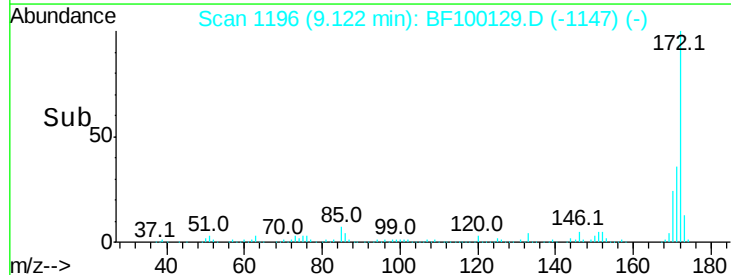
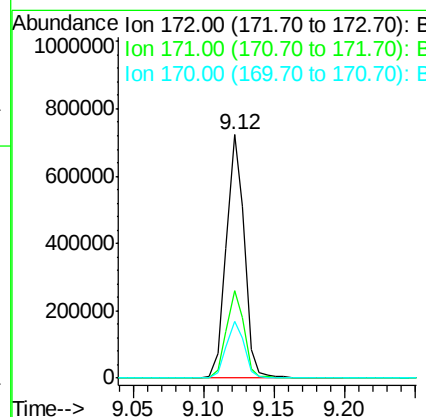
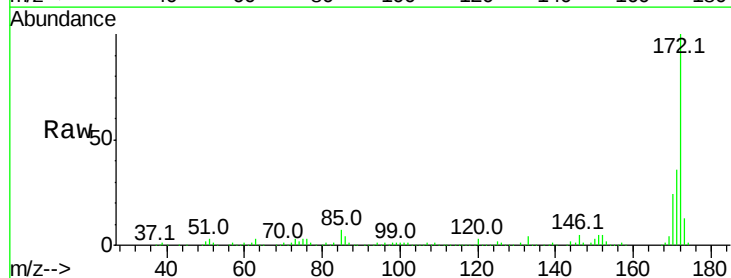
Instrument :
 BNA_F
 ClientSampleId :
 RLF-GW-9S

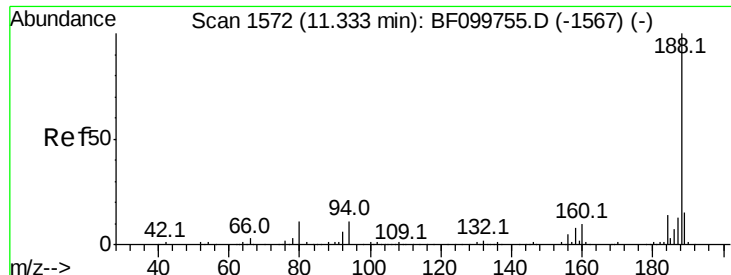
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.0	115.6
141	34.4	29.9	44.9



#44
 2-Fluorobiphenyl
 Concen: 59.823 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF100129.D
 Acq: 3 Nov 2017 12:12

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.7	29.7	44.5
170	23.6	19.6	29.4

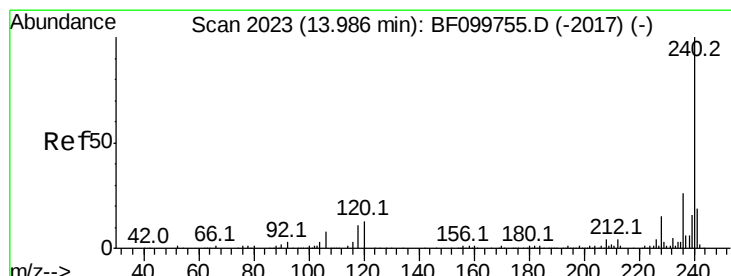
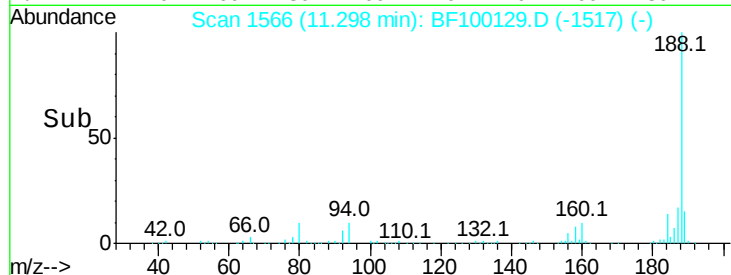
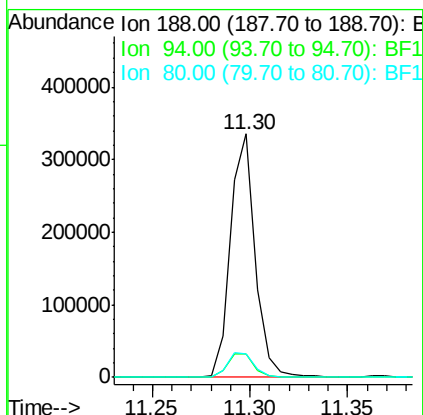
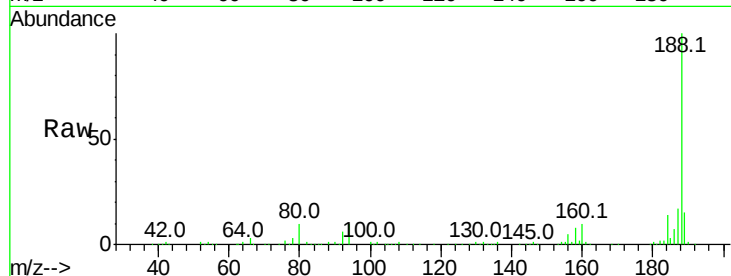




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1566
Delta R.T. -0.01 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

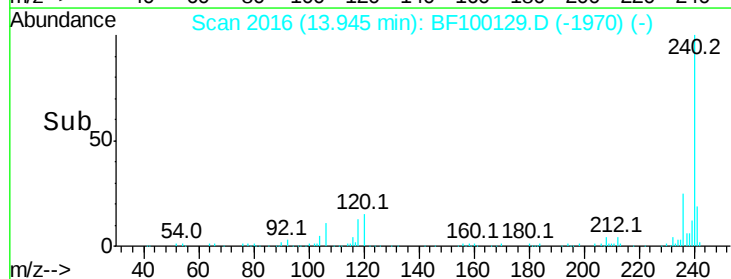
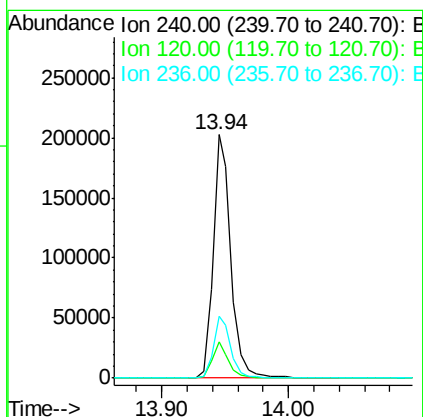
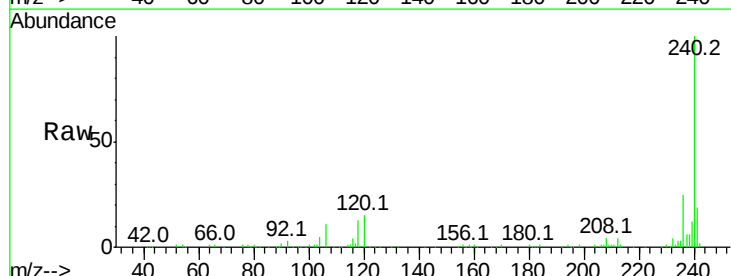
Instrument :
BNA_F
ClientSampleId :
RLF-GW-9S

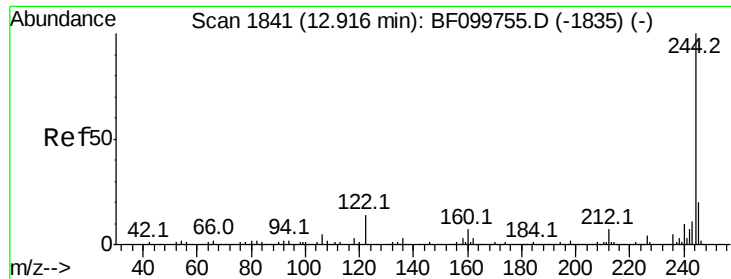
Tot Ion:188 Resp: 294028
Ion Ratio Lower Upper
188 100
94 9.5 8.5 12.7
80 9.7 9.2 13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.03 min
Lab File: BF100129.D
Acq: 3 Nov 2017 12:12

Tgt Ion:240 Resp: 197723
Ion Ratio Lower Upper
240 100
120 15.1 9.5 14.3#
236 25.3 20.7 31.1





#78

Terphenyl-d14

Concen: 62.705 ng

RT: 12.88 min Scan# 1835

Delta R.T. -0.02 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

Instrument :

BNA_F

ClientSampleId :

RLF-GW-9S

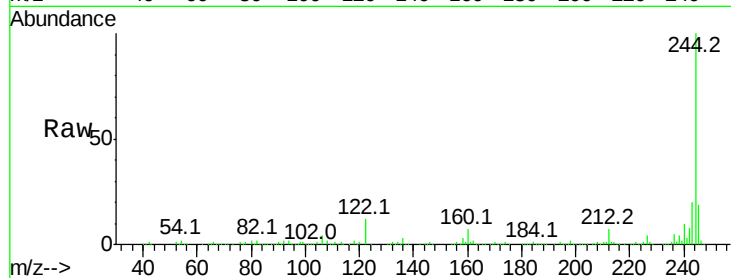
Tot Ion:244 Resp: 567331

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

122 12.3 11.0 16.4

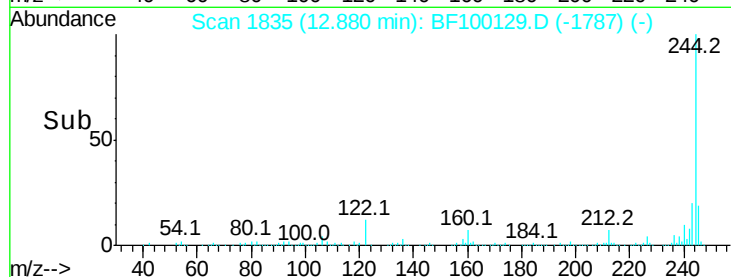


Abundance Ion 244.00 (243.70 to 244.70): E

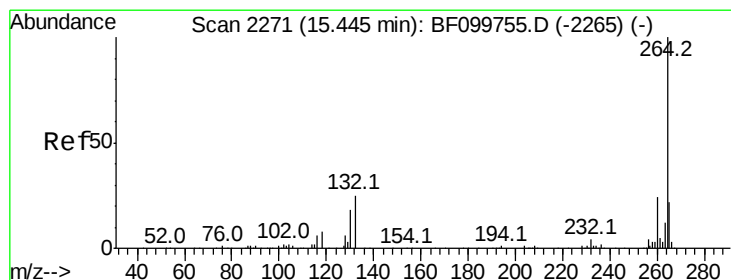
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time--> 12.80 12.90 13.00



Time--> 12.80 12.90 13.00



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.41 min Scan# 2265

Delta R.T. -0.05 min

Lab File: BF100129.D

Acq: 3 Nov 2017 12:12

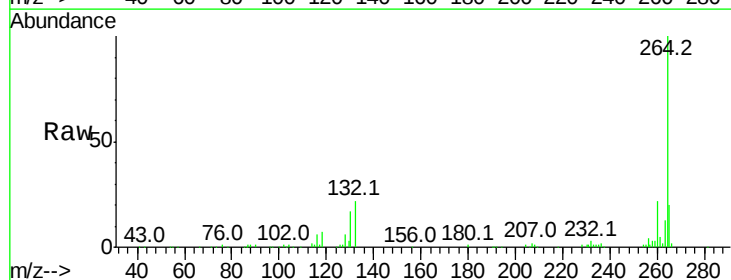
Tgt Ion:264 Resp: 148756

Ion Ratio Lower Upper

264 100

260 22.1 19.2 28.8

265 20.4 17.5 26.3

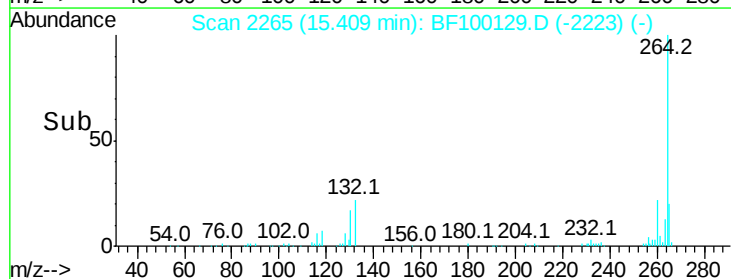


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

Time--> 15.40 15.50



Time--> 15.40 15.50