

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA F\DATA\BF110717\
 Data File : BF100279.D
 Acq On : 7 Nov 2017 12:56
 Operator : SJ/JU
 Sample : I6336-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Quant Time: Nov 07 23:51:36 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 07 02:59:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	99895	20.00	ng	-0.05
21) Naphthalene-d8	7.99	136	409506	20.00	ng	-0.05
38) Acenaphthene-d10	9.74	164	198665	20.00	ng	-0.06
63) Phenanthrene-d10	11.23	188	376233	20.00	ng	-0.06
75) Chrysene-d12	13.89	240	241737	20.00	ng	-0.06
86) Perylene-d12	15.33	264	157242	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.34	112	364830	57.34	ng	-0.04
7) Phenol-d6	6.37	99	268839	35.63	ng	-0.05
23) Nitrobenzene-d5	7.29	82	545825	85.81	ng	-0.05
41) 2,4,6-Tribromophenol	10.54	330	198022	109.38	ng	-0.06
44) 2-Fluorobiphenyl	9.06	172	1111421	86.31	ng	-0.05
78) Terphenyl-d14	12.82	244	977220	88.34	ng	-0.05

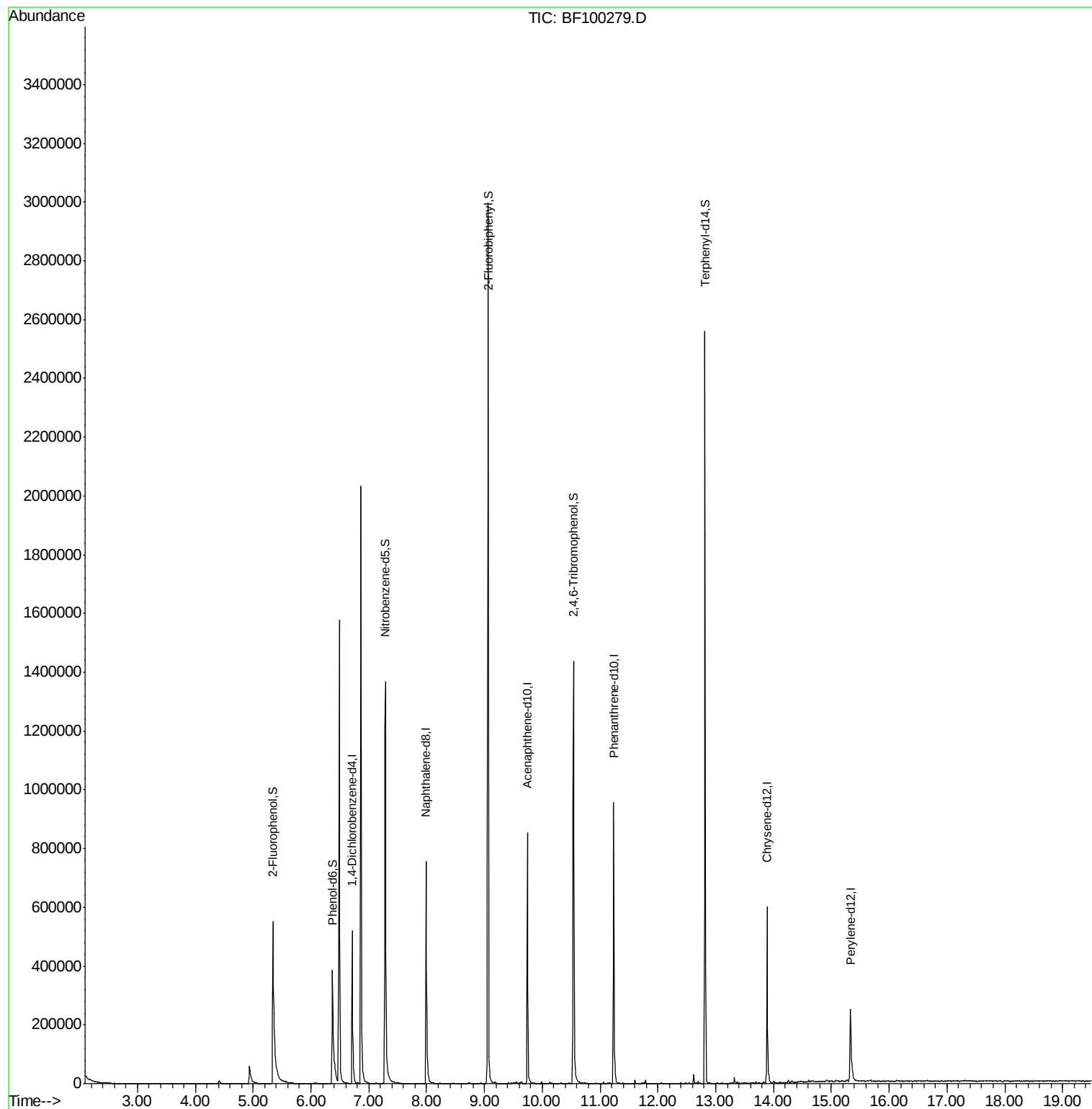
Target Compounds Qvalue

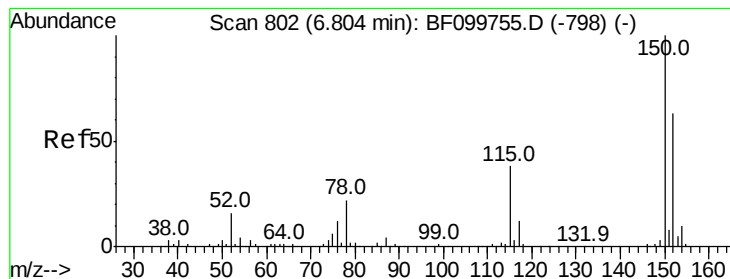
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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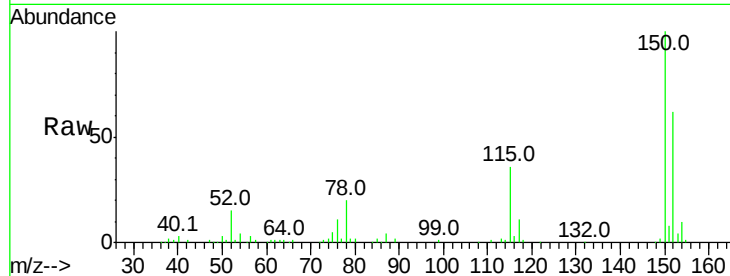


#1

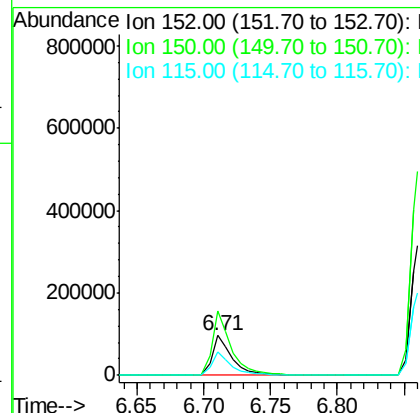
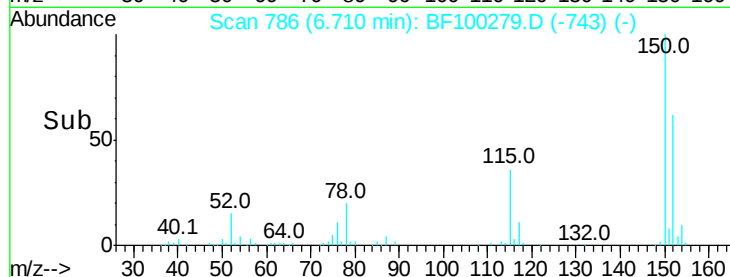
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.05 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Tot Ion:152 Resp: 99895
 Ion Ratio Lower Upper
 152 100
 150 160.4 124.6 186.8
 115 58.2 50.1 75.1



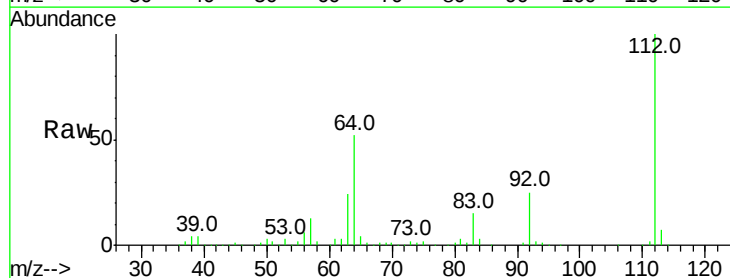
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



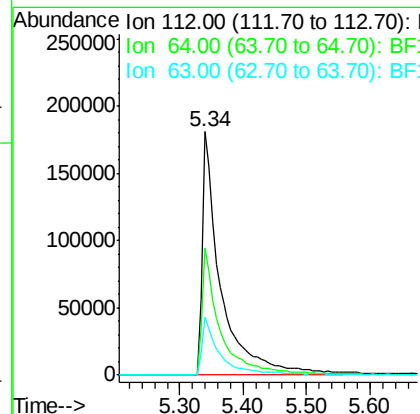
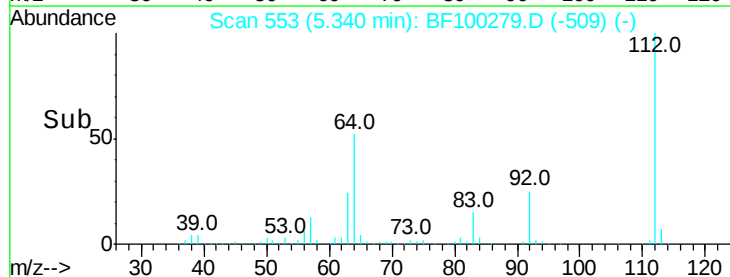
#5

2-Fluorophenol
 Concen: 57.337 ng
 RT: 5.34 min Scan# 553
 Delta R.T. -0.04 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Tgt Ion:112 Resp: 364830
 Ion Ratio Lower Upper
 112 100
 64 52.4 47.9 71.9
 63 23.9 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: 35.633 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.05 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

Instrument :

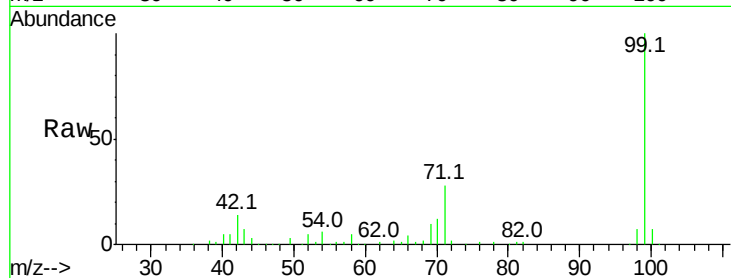
BNA_F

ClientSampleId :

CF-1B(1-2)

Tot Ion: 99 Resp: 268839

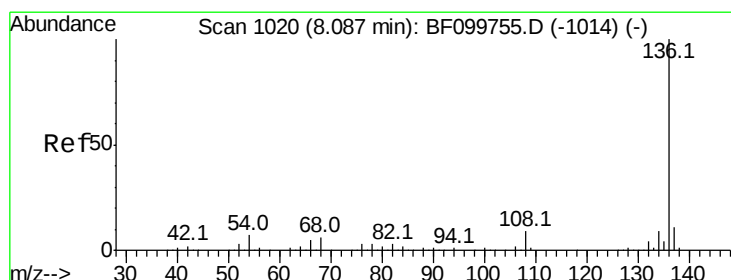
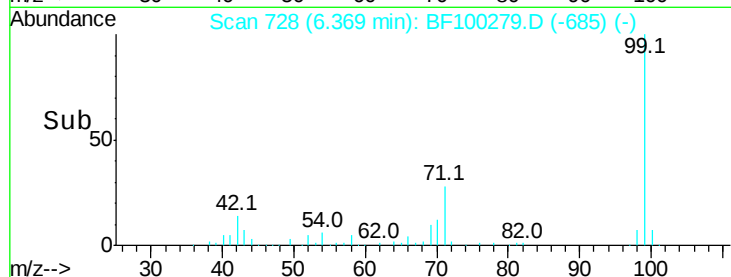
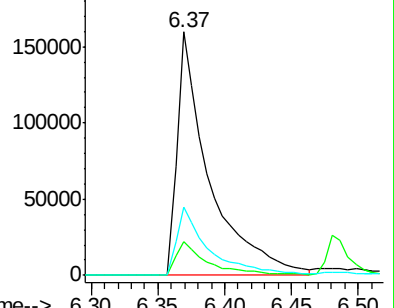
Ion	Ratio	Lower	Upper
99	100		
42	13.8	14.5	21.7#
71	27.9	25.4	38.0



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: 7.99 min Scan# 1004

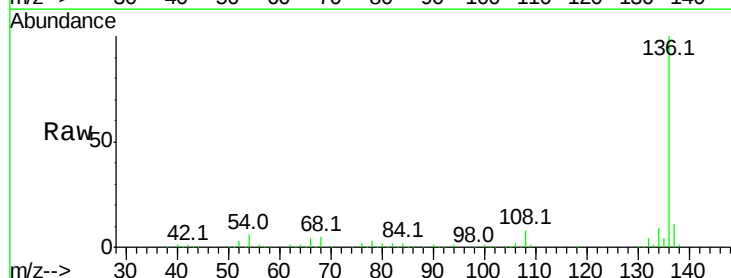
Delta R.T. -0.05 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

Tgt Ion: 136 Resp: 409506

Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.9	13.3
54	6.0	6.6	9.8#
68	5.5	5.0	7.4

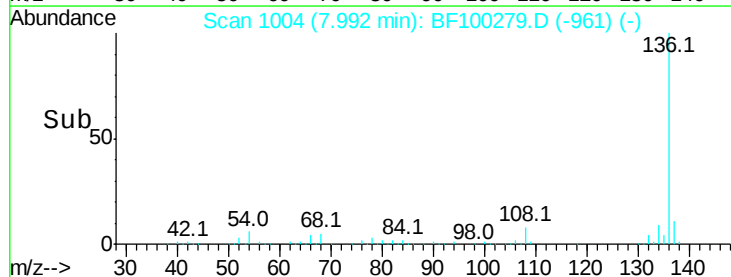
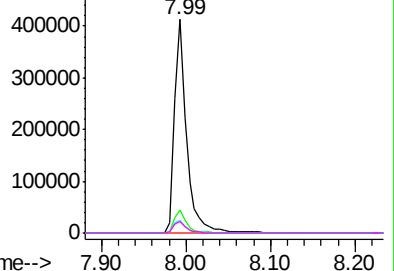


Abundance Ion 136.00 (135.70 to 136.70): E

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

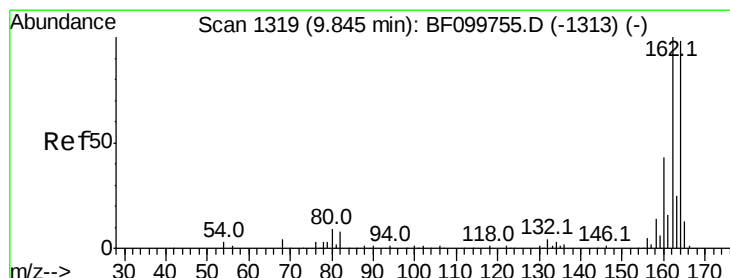
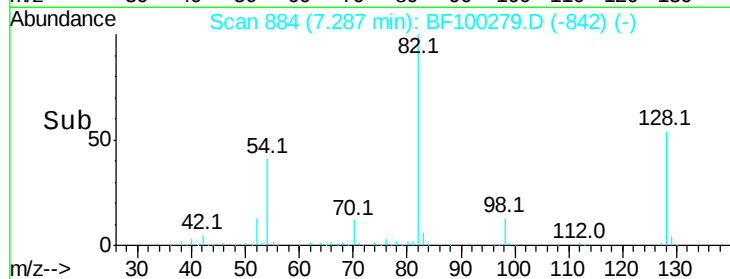
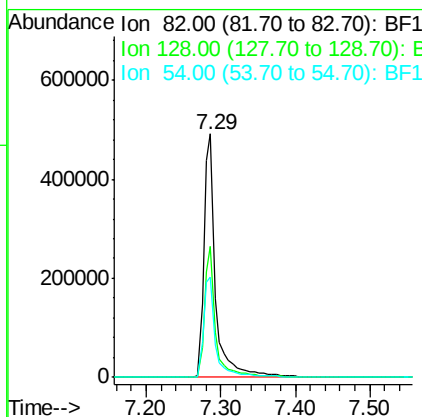
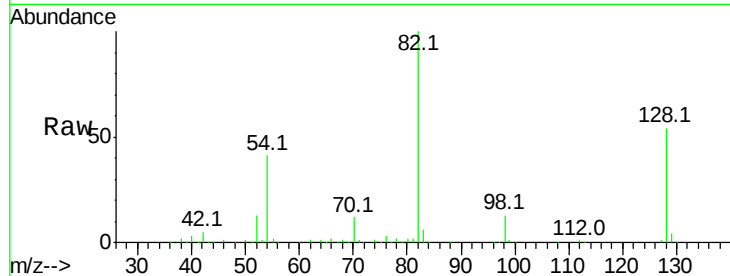




#23
Nitrobenzene-d5
Concen: 85.812 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.05 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

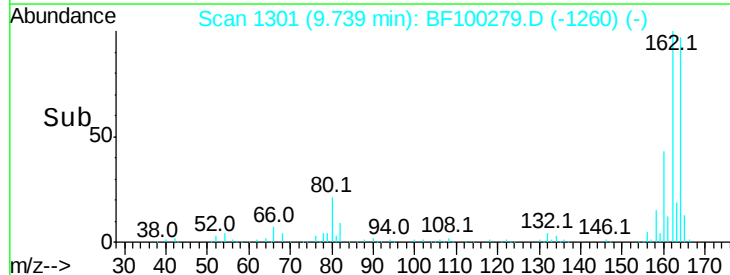
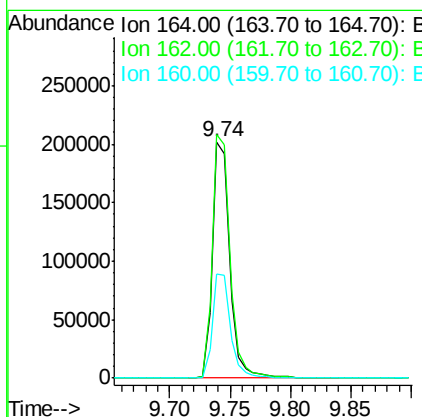
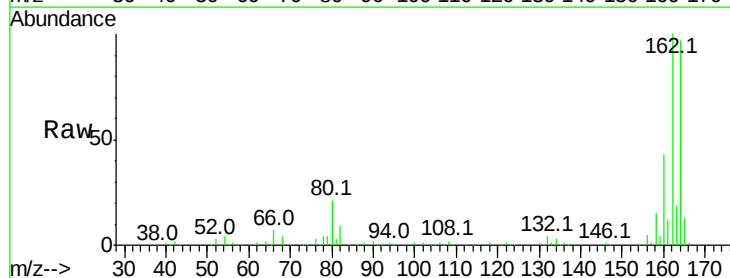
Instrument :
BNA_F
ClientSampleId :
CF-1B(1-2)

Tot Ion: 82 Resp: 545825
Ion Ratio Lower Upper
82 100
128 53.6 36.1 54.1
54 41.4 41.4 62.2#



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.74 min Scan# 1301
Delta R.T. -0.06 min
Lab File: BF100279.D
Acq: 7 Nov 2017 12:56

Tgt Ion: 164 Resp: 198665
Ion Ratio Lower Upper
164 100
162 103.1 86.1 129.1
160 43.8 38.3 57.5

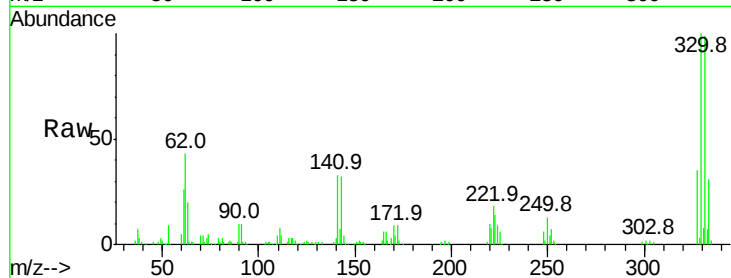




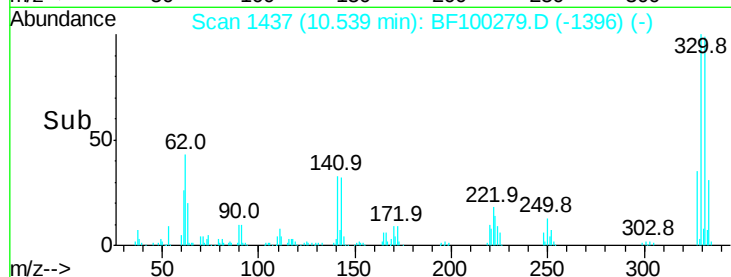
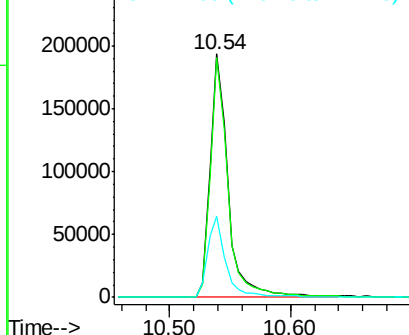
#41
 2,4,6-Tribromophenol
 Concen: 109.376 ng
 RT: 10.54 min Scan# 1437
 Delta R.T. -0.06 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Instrument :
 BNA_F
 ClientSampleId :
 CF-1B(1-2)

Tot Ion:330 Resp: 198022
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.0 115.6
 141 34.7 29.9 44.9

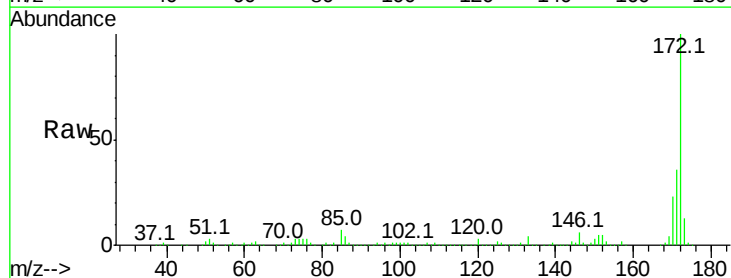


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

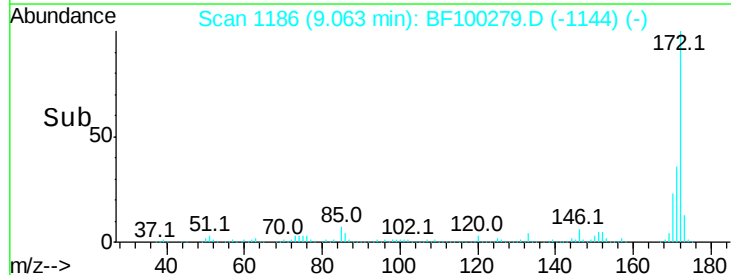
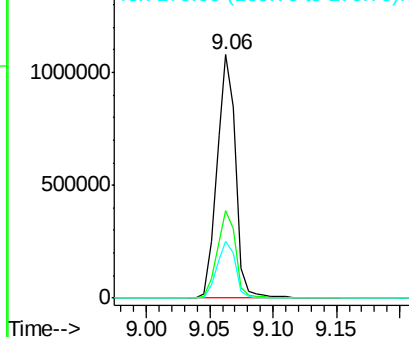


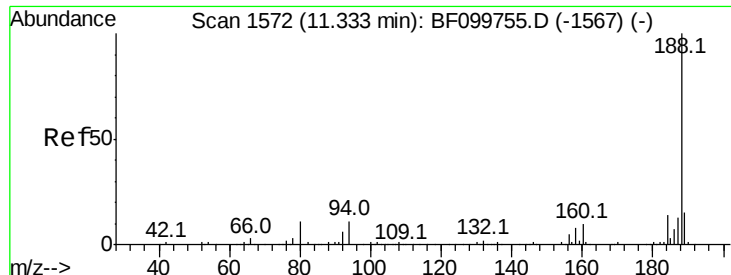
#44
 2-Fluorobiphenyl
 Concen: 86.313 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.05 min
 Lab File: BF100279.D
 Acq: 7 Nov 2017 12:56

Tgt Ion:172 Resp: 1111421
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.7 44.5
 170 23.4 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: 11.23 min Scan# 1555

Delta R.T. -0.06 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

Instrument :

BNA_F

ClientSampleId :

CF-1B(1-2)

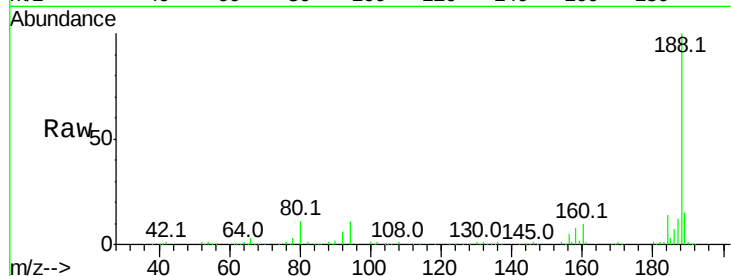
Tot Ion:188 Resp: 376233

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

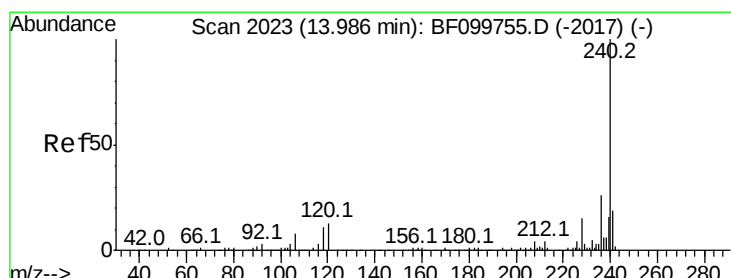
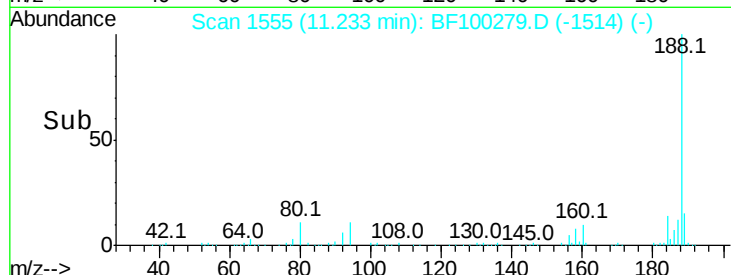
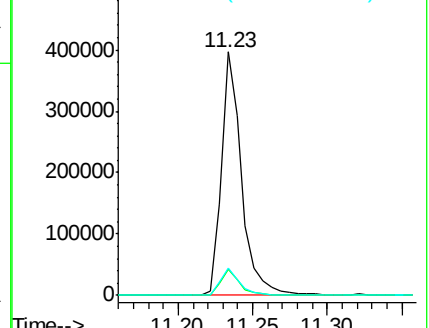
80 11.0 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.89 min Scan# 2006

Delta R.T. -0.06 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

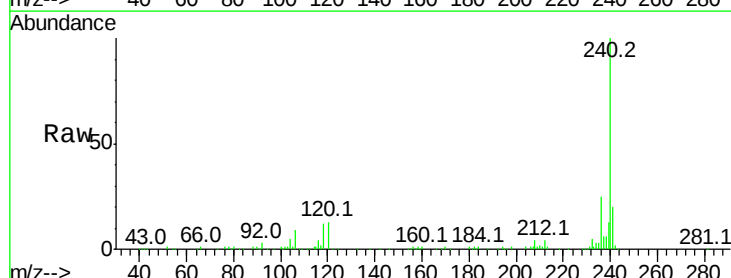
Tgt Ion:240 Resp: 241737

Ion Ratio Lower Upper

240 100

120 13.2 9.5 14.3

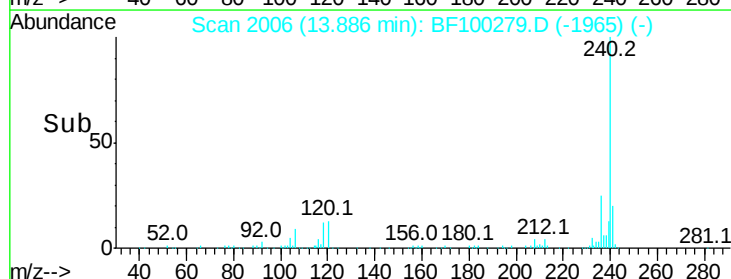
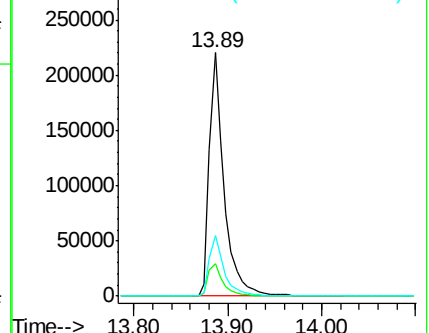
236 24.6 20.7 31.1

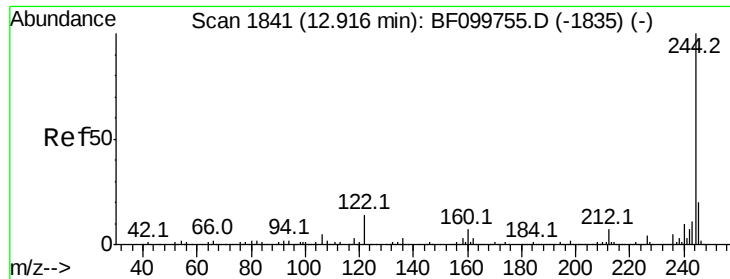


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 88.343 ng

RT: 12.82 min Scan# 1824

Delta R.T. -0.05 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

Instrument :

BNA_F

ClientSampleId :

CF-1B(1-2)

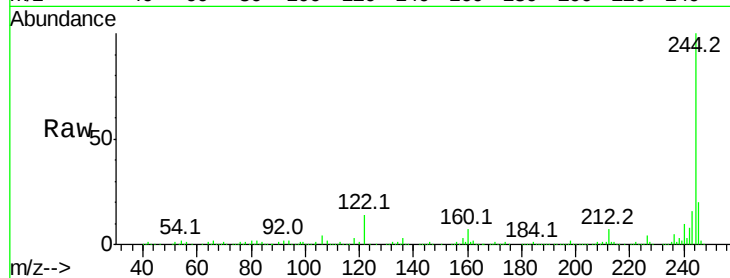
Tot Ion:244 Resp: 977220

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

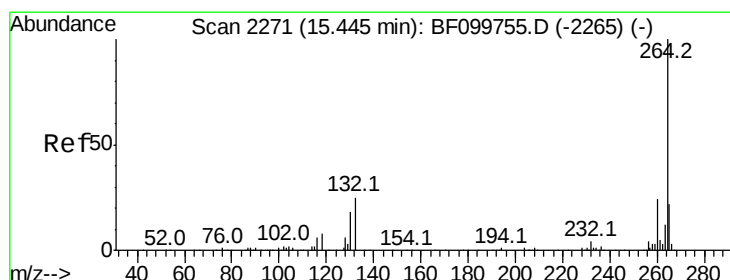
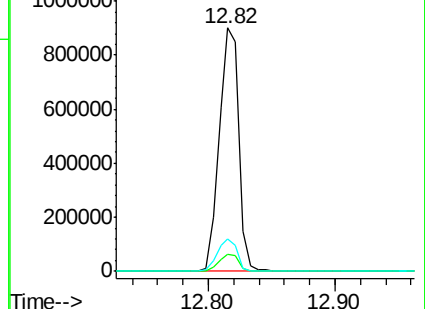
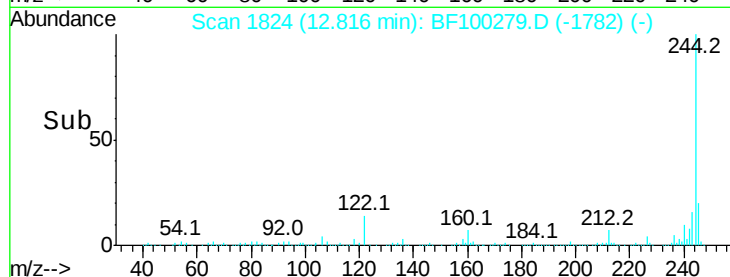
122 13.6 11.0 16.4



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

Perylene-d12

Concen: 20.000 ng

RT: 15.33 min Scan# 2252

Delta R.T. -0.07 min

Lab File: BF100279.D

Acq: 7 Nov 2017 12:56

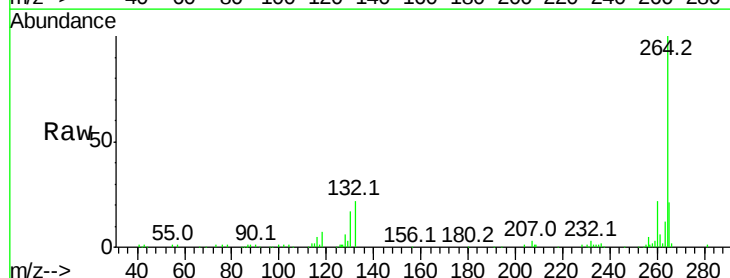
Tgt Ion:264 Resp: 157242

Ion Ratio Lower Upper

264 100

260 22.2 19.2 28.8

265 21.3 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

